Energy Harbor Nuclear Corp.
Davis-Besse Nuclear Power Station
5501 N. State Route 2
Oak Harbor, Ohio 43449

May 16, 2021

L-22-092 10 CFR 50.36a

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT:
Davis-Besse Nuclear Power Station, Unit 1
Docket Number 50-346, License Number NPF-3
Combined Annual Radiological Environmental Operating Report and Radiological Effluent Release Report for the Davis-Besse Nuclear Power Station - 2021

In accordance with 10 CFR 50.36a(a)(2), this letter transmits the combined 2021 Annual Radiological Environmental Operating Report (AREOR) and Radiological Effluent Release Report (RERR) for the period January 2021 through December 2021 (Enclosure A). These annual reports are submitted for the Davis-Besse Nuclear Power Station (DBNPS). The AREOR and the RERR must be submitted by May 15 of each year to satisfy the requirements of the DBNPS Technical Specifications 5.6.1 and 5.6.2.

The Attachment provides a listing of the specific requirements detailed in the DBNPS Offsite Dose Calculation Manual (ODCM) and the portion of the AREOR which was prepared to meet each requirement.

The following information is also provided only to the Document Control Desk. This information includes the following Enclosures:

- Enclosure B: 2021 Radiological Effluent Release Report (RERR) Meteorological Data
- Enclosure C: Environmental, Inc. Midwest Laboratory, Monthly Progress Report for January through December 2021 which contains the 2021 Radiological Environmental Monitoring Program Sample Analysis Results

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Gil A. Nordlund, Manager, Radiation Protection and Chemistry, at (419) 321-7219.

Sincerely,

for D. Huey.

Douglas B. Huey
General Plant Manager, Nuclear
Davis-Besse Nuclear Power Station

GMW/BEM

Attachment: Summary Location(s) of Off-Site Dose Calculation Manual Requirements Contents in the Annual Radiological Environmental Operating Report

Enclosure A: Annual Radiological Environmental Operating Report, including the Radiological Effluent Release Report for the Davis-Besse Nuclear Power Station – 2021

Enclosure B: 2021 Radiological Effluent Release Report (RERR) Meteorological Data for the Davis-Besse Nuclear Power Station

Enclosure C: Environmental, Inc. Midwest Laboratory, Monthly Progress Report for January through December 2021 which contains the 2021 Radiological Environmental Monitoring Program Sample Analysis Results

cc: Regional Administrator, NRC Region III (without Enclosures B-C)
DB-1 NRC Senior Resident Inspector (without Enclosures B-C)
DB-1 NRC/NRR Project Manager (without Enclosures B-C)
Branch Chief, Division of Reactor Projects, Branch 2 (without Enclosures B-C)
Utility Radiological Safety Board (without Enclosures B-C)

Summary Location(s) of Off-Site Dose Calculation Manual Requirements Contents in the Annual Radiological Environmental Operating Report

Description of Requirement

- Summaries, interpretations, and analyses of trends of the radiological environmental surveillance activities, and an assessment of the observed impacts of the plant (pages 28 through 73 and Appendix C)

- Results of the Land Use Census (pages 103 through 108)

- Results of the analysis of radiological environmental samples and of environmental radiation measurements (Environmental, Inc. Midwest Laboratory, Monthly Progress Report for January through December 2021 (pages 26 through 73)

- Summary description of the radiological environmental monitoring program (also pages 26 through 73)

- At least two legible maps, covering sampling locations keyed to a table giving distances and directions from the centerline of one reactor (pages 40 through 70)

- The results of licensee participation in the Inter-Laboratory Comparison Program (Appendix A)

- Discussion of cases in which collection of specimens had irregularities due to malfunction of automatic sampling equipment and other legitimate reasons (page 36)

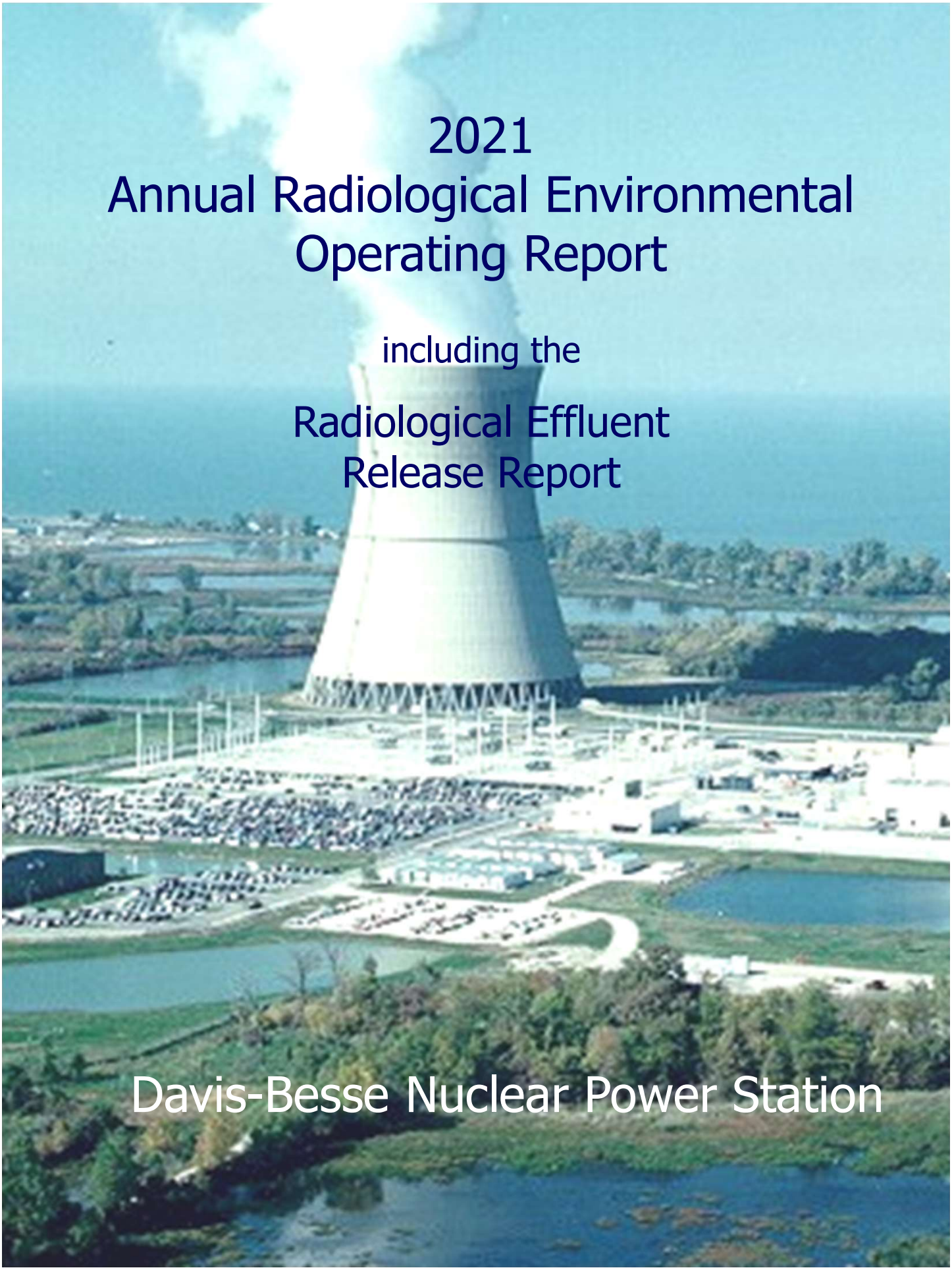
L-22-092
Enclosure A

Annual Radiological Environmental Operating Report, including the Radiological Effluent Release Report

for the

Davis-Besse Nuclear Power Station – 2021

(1 Report follows)



2021
Annual Radiological Environmental Operating Report

including the

Radiological Effluent Release Report

Davis-Besse Nuclear Power Station

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

Davis-Besse Nuclear Power Station
January 1, 2021 through December 31, 2021

Davis-Besse Nuclear Power Station

May 2022

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Executive Summary

The Annual Radiological Environmental Operating Report (AREOR) is a detailed report on the Environmental Monitoring Programs conducted at the Davis-Besse Nuclear Power Station (Davis-Besse) from January 1 through December 31, 2021. This report meets the requirements in Section 5.6 of Davis-Besse Technical Specifications and Davis-Besse Offsite Dose Calculation Manual (ODCM) Sections 7.1 and 7.2. Reports included are the Radiological Environmental Monitoring Program, Radiological Effluents Release Report, Land Use Census, Groundwater Monitoring, and the Non-Radiological Environmental Programs, which consist of Meteorological Monitoring, Land and Wetland Management, Water Treatment, Chemical Waste Management, and Waste Minimization and Recycling.

Radiological Environmental Monitoring Program

The Radiological Environmental Monitoring Program (REMP) is established to monitor the radiological condition of the environment around Davis-Besse. The REMP is conducted in accordance with NRC Regulatory Guide 4.8, Davis-Besse Technical Specifications, and the Davis-Besse ODCM, Section 6.0. This program includes the sampling and analysis of environmental samples and evaluation of the effects of releases of radioactivity on the environment.

Radiation levels and radioactivity have been monitored within a 25-mile radius around Davis-Besse since 1972. The REMP was established at Davis-Besse approximately five years before the Station became operational. This pre-operational sampling and analysis program provided data on radiation and radioactivity normally present in the area as natural background. Davis-Besse has continued to monitor the environment by sampling air, groundwater, milk, vegetables, drinking water, surface water, fish, shoreline sediment, and by direct measurement of radiation.

Samples are collected from Indicator and Control locations. Indicator locations are within 5 miles of the site and are expected to show naturally occurring radioactivity plus any increases of radioactivity that might occur due to the operation of Davis-Besse. Control locations are farther away from the Station and are expected to indicate the presence of only naturally occurring radioactivity. The results obtained from the samples collected from Indicator locations are compared with the results from those collected from Control locations and with the concentrations present in the environment before Davis-Besse became operational. This allows for the assessment of any impact the operation of Davis-Besse might have had on the surrounding environment.

Approximately 1,200 radiological environmental samples were collected and analyzed in 2021. There were nineteen missed air samples due to severe weather and repeated loss of power to the air sampler at one location. Because of the chronic power supply issues at that location, the air sampler was moved to an equivalent location in December, 2021. In all incidents referenced above, other REMP samples were available, collected, and analyzed to ensure ODCM Table 6-1 requirements were met.

The results of the REMP indicate that Davis-Besse continues to be operated safely in accordance with applicable federal regulations. No significant increase above background radiation or radioactivity is attributed to the operation of Davis-Besse.

The sampling results are divided into four sections: atmospheric monitoring, terrestrial monitoring, aquatic monitoring and direct radiation monitoring.

Air samples are continuously collected at nine locations. Four samples are collected onsite. The other five are located between one and 16 miles away. Particulate filters and iodine cartridges are collected weekly. The 2021 Indicator results were in close agreement with the samples collected at Control locations.

Terrestrial monitoring includes analysis of milk (Control only), ground water (Control only), and vegetables. Samples are collected onsite and up to over 20 miles away, depending on the type of sample. Results of terrestrial sample analyses indicate concentrations of radioactivity similar to previous years and indicate no build-up of radioactivity due to the operation of Davis-Besse.

Aquatic monitoring includes the collection and analysis of drinking water (Treated Surface Water), Untreated Surface Water, fish and shoreline sediments collected onsite and in the vicinity of Lake Erie. In 2021, Tritium was detected in six Untreated Water samples and no Treated Water samples, slightly above the detection limit of 330 pCi/l and is a small fraction of the 20,000 pCi/l Environmental Protection Agency drinking water limit.

The 2021 results of analysis for fish, treated surface water and shoreline sediment indicate normal background concentration of radionuclides and show no increase or build-up of radioactivity due to the operation of Davis-Besse.

Direct radiation averaged 15.0 mrem/91 days at Indicator locations and 15.9 mrem/91 days at Control locations, which is similar to results from previous years. Quarterly and annual gamma TLD dose rates for 2021 were evaluated using the methodologies presented in ANSI/HPS N13.37-2014 (R2019), "Environmental Dosimetry – Criteria for System Design and Implementation," and U.S. NRC Regulatory Guide 4.13, Revision 2, "Environmental Dosimetry – Performance Specifications, Testing, and Data Analysis. The evaluation of Facility Related Dose at each TLD location determined that all quarterly and annual doses were considered "non-detectable". No increase above natural background radiation attributable to Davis-Besse was observed in 2021.

The operation of Davis-Besse in 2021 caused no significant increase in the concentrations of radionuclides or adverse effects on the quality of the environment surrounding the plant. Radioactivity released in the Station's effluents was well below the applicable federal regulatory limits. The estimated radiation dose to the general public due to the operation of Davis-Besse in 2021 was well below all applicable regulatory limits.

In order to estimate radiation dose to the public, the pathways through which public exposure can occur must be known. To identify these exposure pathways, an Annual Land Use Census is performed as part of the REMP. During the census, Station personnel travel every public road within a radius of five miles of Davis-Besse to locate radiological exposure pathways (e.g., residences, vegetable gardens, milk cows/goats, etc.). The most important pathway is the one that, for a specific radionuclide, provides the greatest dose to a sector of the population. This is called the critical pathway. The critical pathway for 2021 was a garden in the West sector 0.97 miles from Davis-Besse, which has not changed from 2020.

Radiological Effluent Release Report

The Radiological Effluent Release Report (RERR) is a detailed listing of radioactivity released from the Davis-Besse Nuclear Power Station during the period January 1 through December 31,

2021. The doses due to radioactivity released during this period were only a fraction of allowable per our operating license.

The Total Body doses to an individual and population in an unrestricted area due to direct radiation from Davis-Besse is not distinguishable from background. These doses represent an extremely small fraction of the limits set by the NRC or the limits set in the ODCM.

Unplanned Releases

There were no unplanned releases of liquid or gaseous radioactivity from Davis-Besse during 2021.

Changes to the Offsite Dose Calculation Manual (ODCM) and the Process Control Program (PCP)

There was one revision to the ODCM in 2021 to incorporate changes from the results of the 2021 Land Use Census as well as required changes in sampling locations and procedures.

There were no revisions of the PCP during 2021.

Groundwater Protection Initiative (NEI 07-07)

Davis-Besse began sampling wells near the plant in 2007 as part of an industry-wide Groundwater Protection Initiative (GPI), which was established to ensure that there are no inadvertent releases of radioactivity from the plant which could affect offsite groundwater supplies. In addition to several existing pre-construction era monitor wells, 16 new GPI monitor wells were installed in 2007 to accomplish the monitoring required; these are typically sampled in Spring and Fall of each year.

GPI monitor wells were sampled twice in 2021 and Tritium was less than 2,000 pCi/L in all 45 samples collected (including QC samples), which is the threshold for making courtesy informational notifications to local, county and state officials. Overall site groundwater flows in a west to east direction and discharges to the Intake Canal. Potential leaks or spills of licensed material originating from DBNPS would be captured by pumping water from the Intake Canal back into the station as part of normal plant operations.

All assumptions regarding groundwater flow and modeling remain valid that the flow does not impact areas outside the Owner Controlled Area and essentially discharges into the Intake Canal.

Non-Radiological Environmental Programs

Meteorological Monitoring

The Meteorological Monitoring Program at Davis-Besse is part of a program for evaluating the radiological effects of the routine operation of Davis-Besse on the surrounding environment. Meteorological monitoring began in October of 1968.

Meteorological data recorded at Davis-Besse include wind speed, wind direction, sigma theta (standard deviation of wind direction), ambient temperature, differential temperature, and precipitation. Two instrument-equipped meteorological towers are used to collect data.

Data recovery for the five instruments that are operationally required by Davis-Besse Technical Requirements Manual was 99.9% in 2021.

Marsh Management

Energy Harbor owns the Navarre Marsh. It is leased to the U.S. Fish and Wildlife Service, who manage it as part of the Ottawa National Wildlife Refuge.

Water and Wastewater Treatment

Davis-Besse withdraws water from Lake Erie and processes it through a vendor-supplied water treatment process to produce the high-purity water used in the station's cooling water systems.

Since December 1, 1998, the Carroll Township Water Treatment Plant has provided for domestic water needs at Davis-Besse.

Sewage is treated at the Davis-Besse Wastewater Treatment Plant (WWTP) and its effluent is pumped to a settling basin. Following a retention period, this water is discharged with other Station liquid effluents back to Lake Erie. During 2021, Davis-Besse Nuclear Power Station had zero exceedances of its National Pollution Discharge Elimination System permit.

Chemical Waste Management

The Chemical Waste Management Program at Davis-Besse was developed to ensure that the offsite disposal of non-radioactive hazardous and nonhazardous chemical wastes is performed in accordance with all applicable state and federal regulations. Chemical waste disposal vendors contracted by Davis-Besse use advanced technology for offsite disposal, including recycling of chemical wastes, in order to protect human health and the environment. In 2021, the Davis-Besse Nuclear Power Station generated approximately 1,092 pounds of hazardous waste. Non-hazardous waste generated in 2021 included 7,952 gallons of used oil and 6,720 pounds of other nonhazardous wastes such as oil filters, resins and caulks. As required by Superfund Amendment and Reauthorization Act (SARA), Davis-Besse reported hazardous products and chemicals to local fire departments and local and state planning commissions. As part of the program to remove PCB fluid from Davis-Besse, all electrical transformers have been retro-filled and reclassified as non-PCB transformers.

Waste Minimization and Recycling

The Waste Minimization and Recycling Program at Davis-Besse began in 1991 with the collection and recycling of paper. This program was expanded and reinforced during 1993 to include the recycling of aluminum cans and metal. The scrap metal collected onsite is sold to scrap companies.

Appendices

Appendix A includes results from the Inter-laboratory Comparison Program required by the Davis-Besse ODCM. Samples with known concentrations of radioisotopes are prepared by the Environmental Resources Associates (ERA), and then sent (with information on sample type and date of

collection only) to the laboratory contracted by Davis-Besse to analyze its REMP samples. The Environmental Resources Associates (ERA) compares results to known standards.

Appendix B contains data reporting conversions used in the REMP at Davis-Besse. The appendix provides an explanation of the format and computational methods used in reporting REMP data. Information on counting uncertainties and the calculations of averages and standard deviations are also provided.

Appendix C provides a REMP sampling summary from 2021. The appendix provides a listing of the following for each sample type:

- number and type of analysis performed
- lower limit of detection for each analysis (LLD)
- mean and range of results for Control and Indicator locations
- mean, range, and description of location with highest annual mean
- number of non-routine results

For detailed studies, Appendix C provides more specific information than that listed in this report. The information presented in Appendices A through C was provided by Environmental, Inc. Midwest Laboratory in their Final Progress Report to Davis-Besse (February 17, 2022).

Introduction

Nuclear power provides a clean and readily available source of energy. The operation of nuclear power stations has a very small impact on the environment. In fact, the Davis-Besse Nuclear Power Station is surrounded by hundreds of acres of marshland, which make up part of the Ottawa National Wildlife Refuge. In order to provide better understanding of this unique source of energy, background information on basic radiation characteristics, risk assessment, reactor operation and effluent control is provided in this section.

Fundamentals

The Atom

All matter consists of **atoms**. Simply described, atoms are made up of positively and negatively charged particles, and particles which are neutral. These particles are called **protons, electrons,** and **neutrons,** respectively (Figure 1). The relatively large protons and neutrons are packed tightly together in a cluster at the center of the atom called the **nucleus**. Orbiting around the nucleus are one or more smaller electrons. In an electrically neutral atom the negative charges of the electrons are balanced by the positive charges of the protons. Due to their dissimilar charges, the protons and electrons have a strong attraction for each other. This holds the atom together. Other attractive forces between the protons and neutrons keep the densely packed protons from repelling each other, and prevent the nucleus from breaking apart.

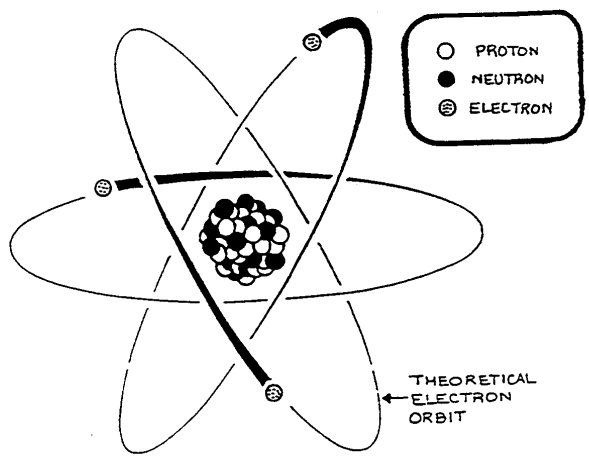

Figure 1: An atom consists of two parts: a nucleus containing positively charged protons and electrically neutral neutrons and one or more negatively charged electrons orbiting the nucleus. Protons and neutrons are nearly identical in size and weight, while each is about 2000 times heavier than an electron.

Radiation and Radioactivity

Isotopes and Radionuclides

A group of identical atoms containing the same number of protons make up an **element.** In fact, the number of protons an atom contains determines its chemical identity. For instance, all atoms with one proton are hydrogen atoms, and all atoms with eight protons are oxygen atoms. However, the number of neutrons in the nucleus of an element may vary. Atoms with the same number of protons but different numbers of neutrons are called **isotopes.** Different isotopes of the same element have the same chemical properties, and many are stable or nonradioactive. An unstable or radioactive isotope of an element is called a **radioisotope**, **a radioactive atom**, **or a radionuclide**. Radionuclides usually contain an excess amount of energy in the nucleus. The excess energy is usually due to a surplus or deficit in the number of neutrons in the nucleus. Radionuclides such as Uranium-238, Berylium-7 and Potassium-40 occur naturally. Others are man-made, such as Iodine-131, Cesium-137, and Cobalt-60.

Radiation

Radiation is simply the conveyance of energy through space. For instance, heat emanating from a stove is a form of radiation, as are light rays, microwaves, and radio waves. **Ionizing radiation** is another type of radiation and has similar properties to those of the examples listed above. Ionizing radiation consists of both **electromagnetic radiation** and **particulate radiation**. Electromagnetic radiation is energy with no measurable mass that travels with a wave-like motion through space. Included in this category are **gamma rays** and **X-rays**. Particulate radiation consists of tiny, fast moving particles which, if unhindered, travel in a straight line through space. The three types of particulate radiation of concern to us are **alpha particles,** which are made up of 2 protons and 2 neutrons; **beta particles**, which are essentially free electrons; and **neutrons**. The properties of these types of radiation will be described more fully in the Range and Shielding section.

Radioactive Decay

Radioactive atoms, over time, will reach a stable, non-radioactive state through a process known as **radioactive decay**. Radioactive decay is the release of energy from an atom through the emission of ionizing radiation. Radioactive atoms may decay directly to a stable state or may go through a series of decay stages, called a **radioactive decay series**, and produce several **daughter products** that eventually result in a stable atom. The loss of energy and/or matter through radioactive decay may transform the atom into a chemically different element. For example, when Uranium-238 decays, it emits an alpha particle and, as a result, the atom loses 2 protons and 2 neutrons. As discussed previously, the number of protons in the nucleus of an atom determines its chemical identity. Therefore, when the Uranium-238 atom loses the 2 protons and 2 neutrons, it is transformed into an atom of Thorium-234. Thorium-234 is one of the 14 successive daughter products of Uranium-238. Radon is another daughter product, and the series ends with stable Lead-206.

This example is part of a known radioactive decay series, called the Uranium series, which begins with Uranium-238 and ends with Lead-206 (Figure 2).

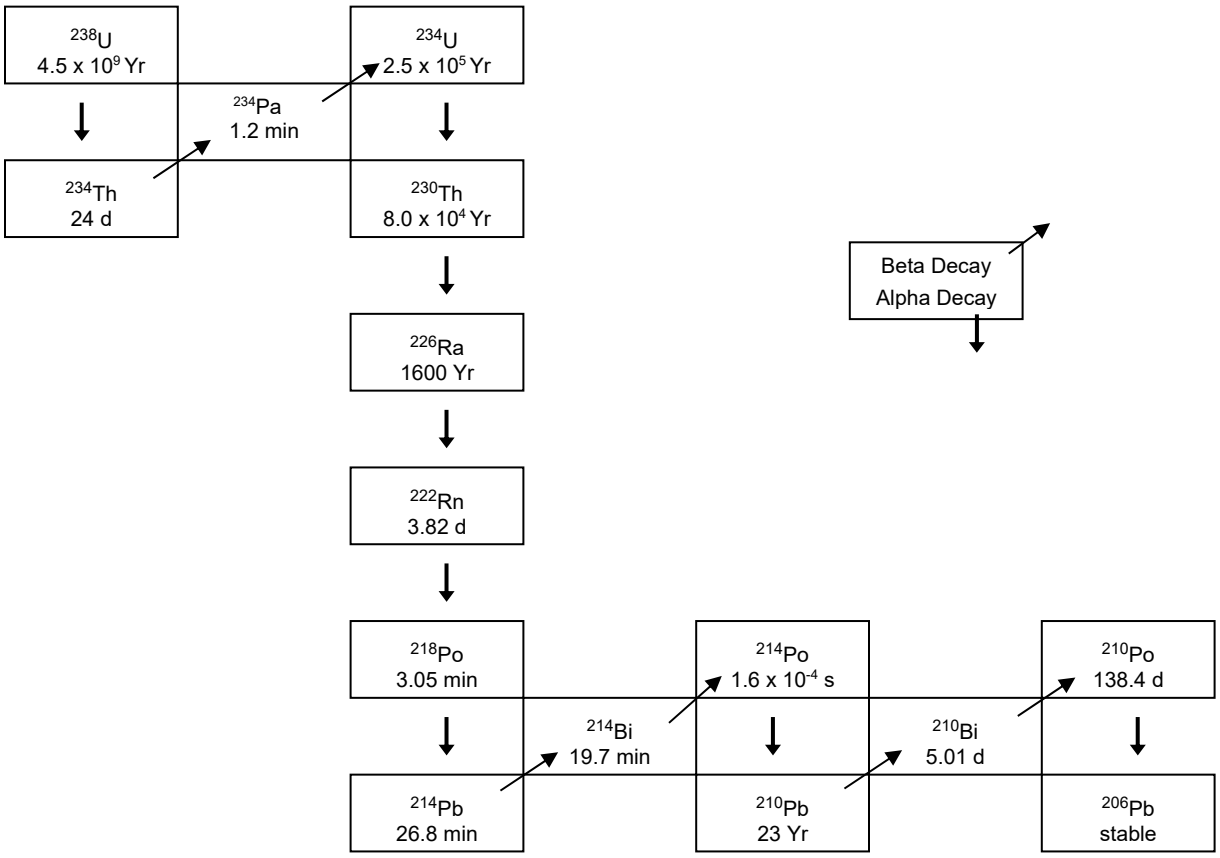

Figure 2: Principal Decay Scheme of the Uranium Series.

Half-life

Most radionuclides vary greatly in the frequency with which their atoms release radiation. Some radioactive materials, in which there are only infrequent emissions, tend to have a very long half-life. Those radioactive materials that are very active, emitting radiation more frequently tend to have comparably shorter half-lives. The length of time an atom remains radioactive is defined in terms of its **half-life**. Half-life is the amount of time required for a radioactive substance to lose half of its activity through the process of radioactive decay. Half-lives vary from millionths of a second to millions of years.

Interaction with Matter

Ionization

Through interactions with atoms, alpha, beta, and gamma radiation lose their energy. When these forms of radiation interact with any form of material, the energy they impart may cause

atoms in that material to become **ions**, or charged particles. Normally, an atom has the same number of protons as electrons. Thus, the positive and negative charges cancel, and the atom is electrically neutral. When one or more electrons are removed an ion is formed. Ionization is one of the processes that may result in damage to biological systems.

Range and Shielding

Particulate and electromagnetic radiation each travel through matter differently because of their different properties. Alpha particles contain 2 protons and 2 neutrons, are relatively large, and carry an electrical charge of +2. Alpha particles are ejected from the nucleus of a radioactive atom at speeds ranging from 2,000 to 20,000 miles per second. However, due to its comparatively large size, an alpha particle usually does not travel very far before it loses most of its energy through collisions and interactions with other atoms. As a result, a sheet of paper or a few centimeters of air can easily stop alpha particles (Figure 3).

Beta particles are very small, and comparatively fast particles, traveling at speeds near the speed of light (186,000 miles per second). Beta particles have an electrical charge of either +1 or -1. Because they are so small and have a low charge, they do not collide and interact as often as alpha particles, so they can travel farther. Beta particles can usually travel through several meters of air, but may be stopped by a thin piece of metal or wood.

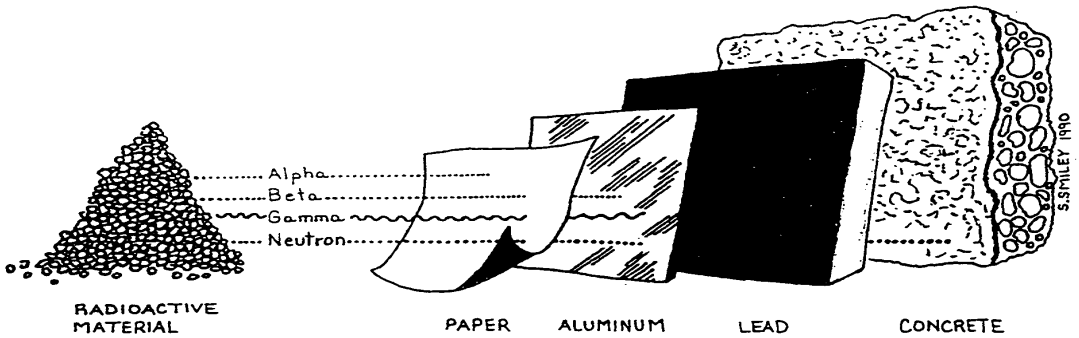

Figure 3: As radiation travels, it collides and interacts with other atoms and loses energy. Alpha particles can be stopped by a sheet of paper, and beta particles by a thin sheet of aluminum. Gamma radiation is shielded by highly dense materials such as lead, while hydrogenous materials (those containing hydrogen atoms), such as water and concrete, are used to stop neutrons.

Gamma rays are pure energy and travel at the speed of light. They have no measurable charge or mass, and generally travel much farther than alpha or beta particles before being absorbed. After repeated interactions, the gamma ray finally loses all of its energy and vanishes. The range of a gamma ray in air varies, depending on the ray's energy and interactions. Very high-energy gamma radiation can travel a considerable distance, whereas low energy gamma radiation may travel only a few feet in air. Lead is used as shielding material for gamma radiation because of its density. Several inches of Lead or concrete may be needed to effectively shield gamma rays.

Neutrons come from several sources, including the interactions of cosmic radiation with the earth's atmosphere and nuclear reactions within operating nuclear power reactors. However, neutrons are not of environmental concern since the neutron source at nuclear power stations is sealed within the containment building.

Because neutrons have no charge, they are able to pass very close to the nuclei of the material through which they are traveling. As a result, neutrons may be captured by one of these nuclei or they may be deflected. When deflected, the neutron loses some of its energy. After a series of these deflections, the neutron has lost most of its energy. At this point, the neutron moves about as slowly as the atoms of the material through which it is traveling, and is called a **thermal neutron**. In comparison, fast neutrons are much more energetic than thermal neutrons and have greater potential for causing damage to the material through which they travel. Fast neutrons can have from 200 thousand to 200 million times the energy of thermal neutrons.

Neutron shielding is designed to slow fast neutrons and absorb thermal neutrons. Neutron shielding materials commonly used to slow neutrons down are water or polyethylene. The shield is then completed with a material such as Cadmium, to absorb the now thermal neutrons. At Davis-Besse, concrete is used to form an effective neutron shield because it contains water molecules and can be easily molded around odd shapes.

Quantities and Units of Measurement

There are several quantities and units of measurement used to describe radioactivity and its effects. Three terms of particular usefulness are **activity**, **absorbed dose**, and **dose equivalent**.

Activity: Curie

Activity is the number of atoms in a sample that disintegrate (decay) per unit of time. Each time an atom disintegrates, radiation is emitted. The **curie** (Ci) is the unit used to describe the activity of a material and indicates the rate at which the atoms of a radioactive substance are decaying. One curie indicates the disintegration of 37 billion atoms per second.

A curie is a unit of activity, not a quantity of material. Thus, the amount of material required to produce one curie varies. For example, one gram (1/28th of an ounce) of radium-226 is the equivalent of one curie of activity, but it would take 9,170,000 grams (about 10 tons) of thorium-232 to equal one curie.

Smaller units of the curie are often used, especially when discussing the low concentrations of radioactivity detected in environmental samples. For instance, the microcurie (uCi) is equal to one millionth of a curie, while the picocurie (pCi) represents one trillionth of a curie.

Absorbed Dose: Rad

Absorbed dose is a term used to describe the radiation energy absorbed by any material exposed to ionizing radiation, and can be used for both particulate and electromagnetic radiation. The **Rad (radiation absorbed dose)** is the unit used to measure the absorbed dose. It is defined as the energy of ionizing radiation deposited per gram of absorbing material (1 Rad = 100 erg/gm). The rate of absorbed dose is usually given in Rad/hr.

If the biological effect of radiation is directly proportional to the energy deposited by radiation in an organism, the Rad would be a suitable measurement of the biological effect. However, biological effects depend not only on the total energy deposited per gram of tissue, but on how this energy is distributed along its path. Experiments have shown that certain types of radiation are more damaging per unit path of travel than are others. Thus, another unit is needed to quantify the biological damage caused by ionizing radiation.

Dose Equivalent: Rem

Biological damage due to alpha, beta, gamma and neutron radiation may result from the ionization caused by this radiation. Some types of radiation, especially alpha particles which cause dense local ionization, can result in up to 20 times the amount of biological damage for the same energy imparted as do gamma or X-rays. Therefore, a **quality factor** must be applied to account for the different ionizing capabilities of various types of ionizing radiation. When the quality factor is multiplied by the absorbed dose, the result is the **dose equivalent**, which is an estimate of the possible biological damage resulting from exposure to a particular type of ionizing radiation. The dose equivalent is measured in **rem (radiation equivalent man)**.

An example of this conversion from absorbed dose to dose equivalent uses the quality factor for alpha radiation, which is equal to 20. Thus, 1 Rad of alpha radiation is approximately equal to 20 rem. Beta and gamma radiation each have a quality factor of 1, therefore one Rad of either beta or gamma radiation is approximately equal to one rem. Neutrons have a quality factor ranging from 2 to 10. One rem produces the same amount of biological damage, regardless of the source. In terms of radiation, the rem is a relatively large unit. Therefore, a smaller unit, the **millirem**, is often used. One millirem (mrem) is equal to 1/1,000 of a rem.

Deep Dose Equivalent (DDE)

Deep dose equivalent is the measurement of dose within the body, from sources of radiation that are external to the body. It is what is measured and recorded on thermoluminescent dosimeters (TLDs), film badges or other dosimeters. For example, at Davis-Besse or at any hospital that has x-ray equipment, you will see people wearing these devices. These instruments are worn to measure DDE.

Committed Effective Dose Equivalent (CEDE)

Committed effective dose equivalent is a measure of the dose received from any radioactive material taken into the body. It is calculated from the sum of the products of the committed dose

equivalent to the organ or tissue multiplied by the organ or tissue-weighting factor. CEDE accounts for all the dose delivered during the entire time the radioactive material is in the body.

Total Effective Dose Equivalent (TEDE)

Total effective dose equivalent is the sum of the deep dose equivalent (for dose from sources external to the body) and the committed effective dose equivalent (for internal dose). Since they are both doses to the body, they are not tracked separately. The NRC limits occupational dose to a radiation worker to five rem (5,000 mrem) TEDE per year.

Sources of Radiation

Background Radiation

Radiation did not begin with the nuclear power industry, and occurs naturally on earth. It is probably the most "natural" thing in nature. Mankind has always lived with radiation and probably always will. In fact, during every second of life, over 7,000 atoms undergo radioactive decay "naturally" in the body of the average adult. In addition, radioactive decay occurs naturally in soil, water, air and space. All these common sources of radiation contribute to the natural background radiation to which we are all exposed.

The earth is being showered by a steady stream of high-energy gamma rays and particulate radiation that come from space known as cosmic radiation. The atmosphere shields us from most of this radiation, but everyone still receives about 20 to 50 mrem each year from this source. The thinner air at higher altitudes provides less protection against cosmic radiation. People living at higher altitudes or flying in an airplane are exposed to even higher levels cosmic radiation. Radionuclides commonly found in the atmosphere as a result of cosmic ray interactions include Beryllium-7, Carbon-14, Tritium (H-3), and Sodium-22.

Another common naturally occurring radionuclide is Potassium-40. About one-third of the external and internal dose from naturally occurring background radiation is attributed to this radioactive isotope of potassium.

The major source of background radiation is Radon, a colorless, odorless, radioactive gas that results from the decay of Radium-226, a member of the Uranium-238 decay series. Since Uranium occurs naturally in all soils and rocks, everyone is continuously exposed to Radon and its daughter products. Radon is not considered to pose a health hazard unless it is concentrated in a confined area, such as buildings, basements or underground mines. Radon-related health concerns stem from the exposure of the lungs to this radioactive gas. Radon emits alpha radiation when it decays, which can cause damage to internal tissues when inhaled. As a result, exposure to the lungs is a concern since the only recognized health effect associated with exposure to Radon is an increased risk of lung cancer. This effect has been seen when Radon is present at levels common in uranium mines. According to the Health Physics Society, University of Michigan, more than half of the radiation dose the average American receives is attributed to Radon.

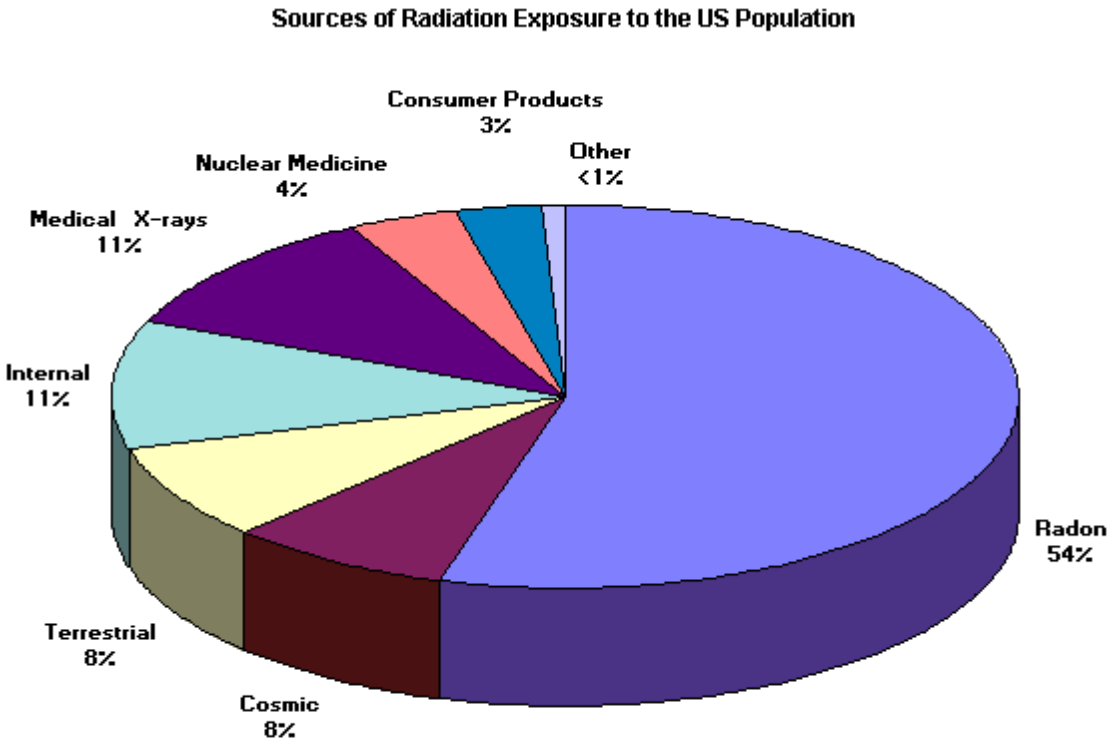

Figure 4: The most significant annual dose received by an individual of the public is that received from naturally occurring radon. A very small annual dose to the public results from producing electricity by nuclear power (taken from the Health Physics Society, University of Michigan, 2013).

Further information on Radon, its measurement, and actions to reduce the Radon concentration in buildings can be obtained by contacting the state Radon program office at the following address:

Ohio Department of Health
Bureau of Environmental Health and Radiation Protection
Radon Education & Licensing Program
35 Chestnut Street
Columbus, Ohio 43215
Telephone: (800) 523-4439
E-mail: indoor.radon@odh.ohio.gov

The approximate average background radiation in the northern Ohio area is 620 mrem/year (Princeton University, 2013).

Man-made Radiation

In addition to naturally occurring cosmic radiation and radiation from naturally occurring radioactivity, people are also exposed to man-made radiation. The largest sources of exposure include medical x-rays and radioactive pharmaceuticals. Small doses are also received from consumer products such as televisions, smoke detectors, and fertilizers. Fallout from nuclear weapons tests is another source of man-made exposure. Fallout radionuclides include Strontium-90,

Cesium-137, and Tritium. Less than one percent of the annual dose a member of the public receives is a result of having electricity generated by nuclear power.

Health Effects of Radiation

The effects of ionizing radiation on human health have been under study for more than one hundred years. Scientists have obtained valuable knowledge through the study of laboratory animals that were exposed to radiation under extremely controlled conditions. However, it has been difficult to relate the biological effects of irradiated laboratory animals to the potential health effects on humans.

The effects of radiation on humans can be divided into two categories, somatic and genetic. Somatic effects are those which develop in the directly exposed individual, including an unborn child. Genetic effects are those which are observed in the offspring of the exposed individual.

Somatic effects can be divided further into acute and chronic effects. Acute effects develop shortly after exposure to large amount of radiation. Much study has been done with human populations that were exposed to ionizing radiation under various circumstances. These groups include the survivors of the atomic bomb, persons undergoing medical radiation treatment, and early radiologists, who accumulated large doses of radiation, unaware of the potential hazards.

Chronic effects are a result of exposure to radiation over an extended period of time. Examples of such groups are clock dial painters, who ingested large amounts of Radium by "tipping" the paint brushes with their lips, and Uranium miners, who inhaled large amounts of radioactive dust while mining pitchblende (Uranium ore). The studies performed on these groups have increased our knowledge of the health effects from comparatively very large doses of radiation received over long periods of time.

Continuous exposure to low levels of radiation may produce somatic changes over an extended period of time. For example, someone may develop cancer from man-made radiation, background radiation, or some other source not related to radiation. Because all illnesses caused by low level radiation can also be caused by other factors, it is virtually impossible to determine individual health effects of low level radiation. Even though no effects have been observed at doses less than 50 rem, we assume the health effects resulting from low doses of radiation occur proportionally to those observed following large doses of radiation. Most radiation scientists agree that this assumption over-estimates the risks associated with a low-level radiation exposure. The effects predicted in this manner have never been actually observed in any individuals exposed to low level radiation. Therefore, the most likely somatic effect of low level radiation is believed to be a small increased risk of cancer. Genetic effects could occur as a result of ionizing radiation interacting with the genes in the human cells. Radiation (as well as common chemicals) can cause physical changes or mutations in the genes. Chromosome fibers can break and rearrange, causing interference with the normal cell division of the chromosome by affecting their number and structure. A cell is able to rejoin the ends of a broken chromosome, but if there are two breaks close enough together in space and time, the broken ends from one break could join incorrectly with those from another. This could cause translocations, inversions, rings, and other types of structural rearrangements. When this happens, new mutated genes are created. Radiation is not the only mechanism by which such changes can occur. Spontaneous mutations and chemically induced mutations also have been observed. These mutated genes may be passed

from parent to offspring. Viable mutations due to low level, low dose radiation have not been observed in humans.

Health Risks

While people may accept the risks inherent in their personal activities, such as smoking and driving to work each day, they are less inclined to accept the risk inherent in producing electricity. As with any industrial environment, it is not possible to guarantee a risk-free environment. Thus, attention should be focused on taking steps to safeguard the public, on developing a realistic assessment of the risks, and on placing these risks in perspective. The perceptions of risk associated with exposure to radiation may have the greatest misunderstanding. Because people do not understand ionizing radiation and its associated risks, many fear it. This fear is compounded by the fact that we cannot hear, smell, taste or feel ionizing radiation.

We do not fear other potentially hazardous things for which we have the same lack of sensory perception, such as radio waves, carbon monoxide, and small concentrations of numerous cancer-causing substances. These risks are larger and measurable compared to those presumed to be associated with exposure to low level, low dose radiation. Most of these risks are with us throughout our lives, and can be added up over a lifetime to obtain a total effect. Table 1 shows a number of different factors that decrease the average life expectancy of individuals in the United States.

Table 1: Risk Factors: Estimated Decrease in Average Life Expectancy

Overweight by 30%:		3.6 years
Cigarette smoking:	1 pack/day	7.0 years
	2 packs/day	10.0 years
Heart Disease:		5.8 years
Cancer:		2.7 years
City living (non-rural):		5.0 years
All operating commercial nuclear power plants totaled:		less than 12 minutes

Benefits of Nuclear Power

Nuclear power plays an important part in meeting today's electricity needs, and will continue to serve as an important source of electric energy well into the future. Today approximately twenty percent of the electricity produced in the United States is from nuclear powered electrical generating stations.

Nuclear power offers several advantages over alternative sources of electric energy:

- Nuclear power has an excellent safety record dating back to 1958, when the first commercial nuclear power station began operating,
- Uranium, the fuel for nuclear power stations, is a relatively inexpensive fuel that is readily available in the United States,
- Nuclear power is the cleanest energy source for power stations that use steam to produce electricity and one of the cleanest energy sources overall. There are no greenhouse gases or acid gases produced when using nuclear fuel.

The following sections provide information on the fundamentals of how Davis-Besse uses nuclear fuel and the fission process to produce electricity.

Nuclear Power Production

Electricity is produced in a nuclear power station in the same way as in a fossil-fueled station with the exception of the source of heat. Heat changes water to steam that turns a turbine. In a fossil-fueled station, the fuel is burned in a furnace, which is also a boiler. Inside the boiler, water is turned into steam. In a nuclear station, a reactor that contains a core of nuclear fuel, primarily uranium, replaces the furnace. Heat is produced when the atoms of Uranium are split inside the reactor. The process of splitting atoms is called fission.

What is Fission?

A special force called the binding force holds the protons and neutrons together in the nucleus of the atom. The strength of this binding force varies from atom to atom. If the bond is weak enough, the nucleus can be split when bombarded by a free neutron (Figure 5). This causes the entire atom to split, producing smaller atoms, more free neutrons, and heat. In a nuclear reactor, a chain reaction of fission events provides the heat necessary to boil the water to produce steam.

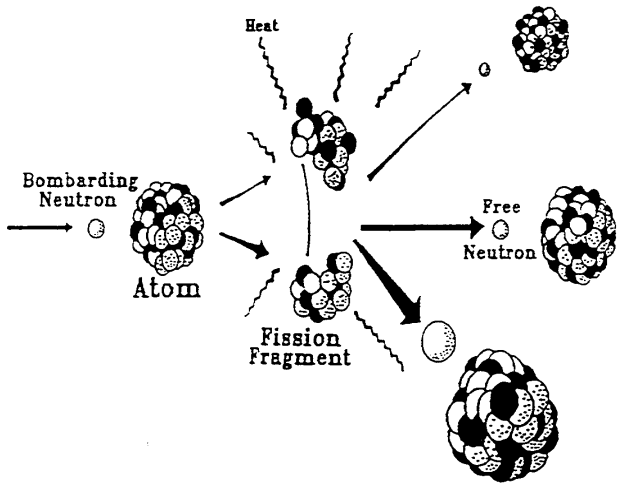

Figure 5: When a heavy atom, such as uranium-235 is split or fissioned, heat, free neutrons, and fission fragments result. The free neutrons can then strike neighboring atoms causing them to fission also. In the proper environment, this process can continue indefinitely in a chain reaction.

Nuclear Fuel

The fissioning of one Uranium atom releases approximately 50 million times more energy than the combustion of a single Carbon atom common to all fossil fuels. Since a single small reactor fuel pellet contains trillions of atoms, each pellet can release an extremely large amount of energy. The amount of electricity that can be generated from three small fuel pellets would require about 3.5 tons of coal or 12 barrels of oil to generate.

Nuclear fission occurs spontaneously in nature, but these natural occurrences cannot sustain themselves because the freed neutrons either are absorbed by non-fissionable atoms or quickly **decay**. In contrast, a nuclear reactor minimizes neutron losses, thus sustaining the fission process by several means:

- using fuel that is free of impurities that might absorb the free neutrons,
- enriching the concentration of the rarer fissionable isotope of Uranium (U-235) relative to the concentration of U-238, a more common isotope that does not fission easily,
- slowing down neutrons by providing a "moderator" such as water to increase the probability of fission.

Natural Uranium contains less than one percent U-235 compared to the more abundant U-238 when it's mined. Before it can be economically used in a reactor, it is enriched to three to five percent U-235, in contrast to nuclear material used in nuclear weapons which is enriched to over 97 percent. Because of the low levels of U-235 in nuclear fuel, a nuclear power station **cannot** explode like a bomb.

After the Uranium ore is separated from the earth and rock, it is concentrated in a milling process. After milling the ore to a granular form and dissolving out the Uranium with acid, the Uranium is converted to **Uranium hexafluoride (UF_6)**. UF_6 is a chemical form of Uranium that exists as a gas at temperatures slightly above room temperature. The UF_6 is then highly purified and shipped to an enrichment facility where **gaseous diffusion converters** increase the concentration of U-235. The enriched gaseous UF_6 is then converted into powdered **Uranium dioxide (UO_2)**, a highly stable ceramic material. The UO_2 powder is put under high pressure to form **fuel pellets**, each about 5/8 inch long and 3/8 inch in diameter. Approximately five pounds of these pellets are placed into a 12-foot long metal tube made of Zirconium alloy. The tubes constitute the **fuel cladding**. The fuel cladding is highly resistant to heat, radiation, and corrosion. When the tubes are filled with fuel pellets, they are called **fuel rods**.

The Reactor Core

Two hundred eight fuel rods comprise a single **fuel assembly**. The **Reactor core** at Davis-Besse contains 177 of these fuel assemblies, each approximately 14 feet tall and 2,000 pounds in weight. In addition to the fuel rods, the fuel assembly also contains 16 vacant holes for the insertion of **control rods**, and one vacant hole for an **incore-monitoring probe**. This probe monitors temperature and neutron levels in the fuel assembly. The Davis-Besse reactor vessel, which contains all the fuel assemblies, weighs 838,000 pounds, has a diameter of 14 feet, is 39 feet high, and has steel walls that are 8 ½ inches thick.

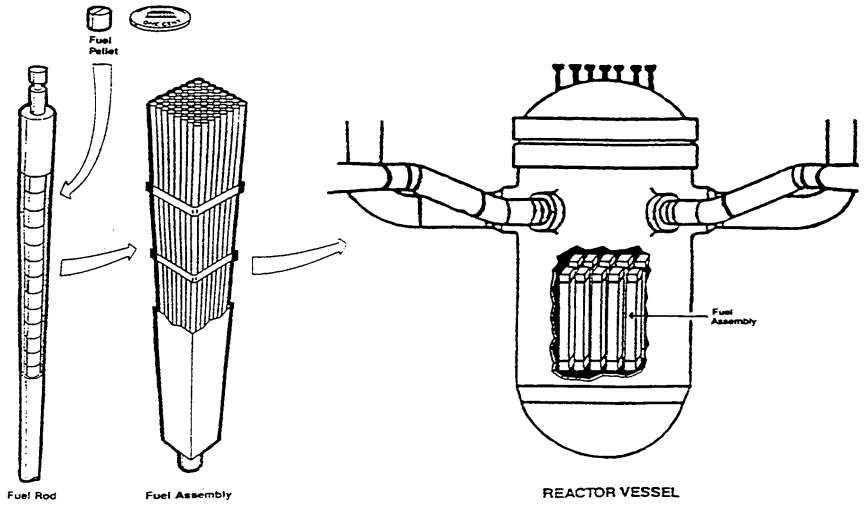

Figure 6: The reactor core at Davis-Besse contains 177 fuel assemblies. Each assembly contains 208 fuel rods. Each fuel rod is filled with approximately five pounds of fuel pellets. Each pellet is approximately 3/8 inch diameter and 5/8 inch long.

Fission Control

Raising or lowering control rod assemblies into the reactor core controls the fission rate. Each assembly consists of "fingers" containing Silver, Indium, and Cadmium metals that absorb free neutrons, thus disrupting the fission chain reaction. When control rod assemblies are slowly withdrawn from the core, the fission process begins and heat is produced. If the control rod assemblies are inserted rapidly into the reactor core, as occurs during a plant "trip", the chain reaction ceases. A slower acting (but more evenly distributed) method of fission control is achieved by the addition of a **neutron poison** to the reactor coolant water. At Davis-Besse, high-purity boric acid is concentrated or diluted in the coolant to achieve the desired level of fission. Boron-10 readily absorbs free neutrons, forming Boron-11, removing the absorbed neutrons from the chain reaction.

Reactor Types

Virtually all of the commercial reactors in this country are either **boiling water reactors (BWRs)** or **pressurized water reactors (PWRs)**. Both types are also called **light water reactors (LWRs)** because their coolant, or medium to transfer heat, is ordinary water, which contains the light isotope of Hydrogen. Some reactors use the heavy isotope of Hydrogen (deuterium) in the reactor coolant. Such reactors are called **heavy water reactors (HWRs)**.

In BWRs, water passes through the core and boils into steam. The steam passes through separators, which remove water droplets. The steam then travels to dryers before entering the turbine. After passing though the turbine the steam is condensed back into water and returns to the core to repeat the cycle.

In PWRs, the reactor water or coolant is pressurized to prevent it from boiling. The reactor water is then pumped to a **steam generator (**heat exchanger) where its heat is transferred to a secondary water supply. The secondary water inside the steam generator boils into steam, which is then used to turn the turbine. This steam is then condensed back into water and returned to the steam generator. Davis-Besse uses a PWR design.

The following paragraphs describe the various systems illustrated in Figure 7. Major systems in the Davis-Besse Station are assigned a different color in the figure.

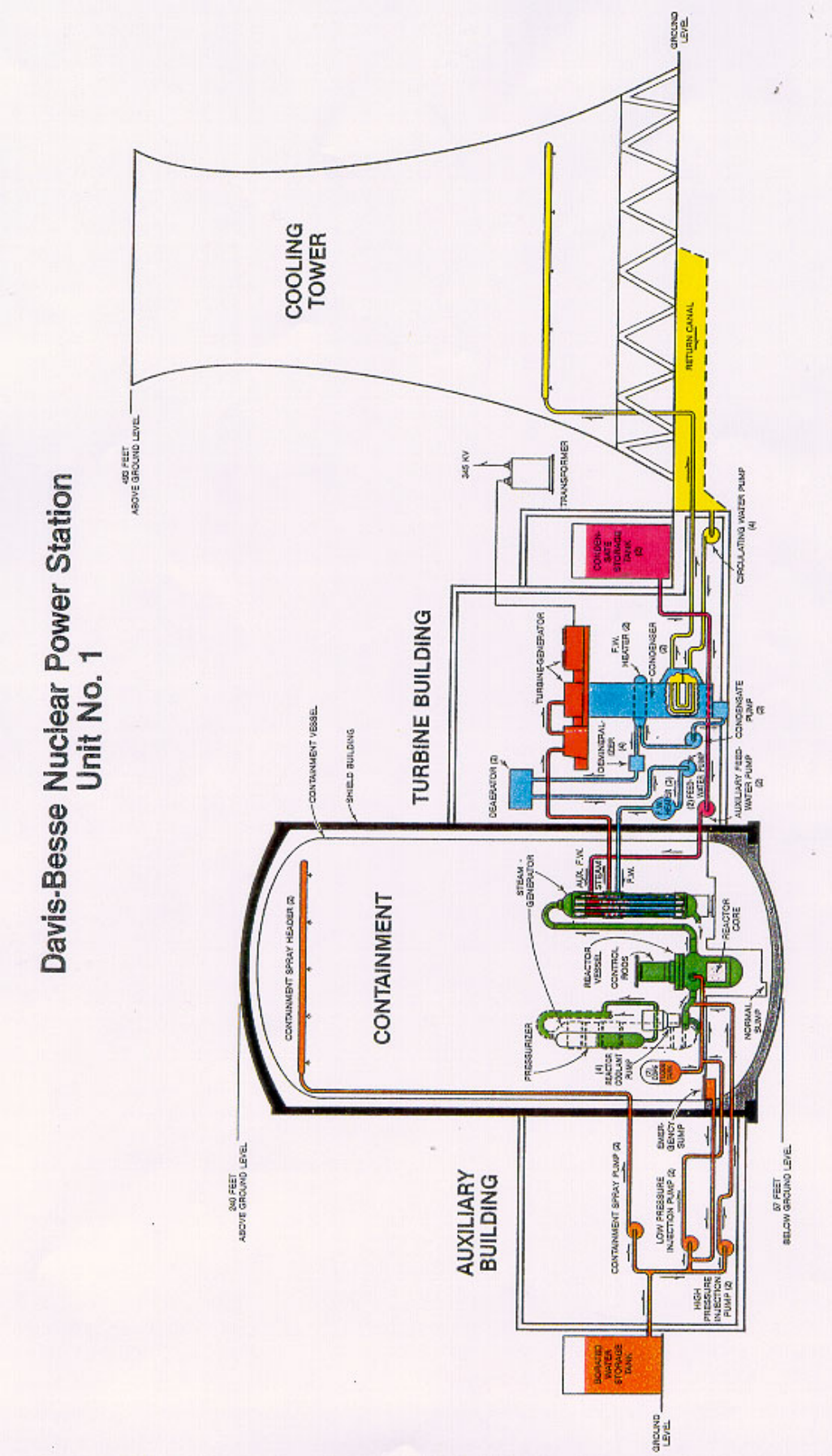

Figure 7: Station Systems

Station Systems

Containment Building and Fission Product Release Barriers

The **Containment building** houses the reactor vessel, the Pressurizer, two steam generators, the Reactor Coolant Pumps and Reactor Coolant System piping. The building is constructed of an inner 1–1/2 inch thick steel liner or **Containment vessel**, and the **Shield Building** with steel-reinforced concrete walls 2 feet thick. The shield building protects the containment vessel from a variety of environmental factors and provides an area for a **negative pressure boundary** around the steel Containment vessel. In the event that the integrity of the Containment vessel is compromised (e.g., a crack develops), this negative pressure boundary ensures that any airborne radioactive contamination present in the containment vessel is prevented from leaking out into the environment. This is accomplished by maintaining the pressure inside the Shield Building lower than that outdoors, thus forcing clean outside air to leak in. This minimizes potentially contaminated air between the Containment vessel and the Shield Building from leaking out. The Containment vessel is the third in a **series of barriers** that prevent the release of fission products in the unlikely event of an accident. The first barrier to the release of fission products is the fuel cladding itself. The second barrier is the walls of the primary system, i.e. the reactor vessel, steam generator and associated piping.

The Steam Generators

The **steam generators** perform the same function as a boiler at a fossil-fueled power station. The steam generator uses the heat of the primary coolant inside the steam generator tubes to boil the secondary side **feedwater** (secondary coolant). Fission heat from the reactor core is transferred to the steam generator in order to provide the steam necessary to drive the turbine. However, heat must also be removed from the core even after reactor shutdown in order to prevent damage to the fuel cladding. Therefore, pumps maintain a continuous flow of coolant through the reactor and steam generator. **Primary loop water** (green in Figure 7) exits the reactor at approximately 606°F, passes through the steam generator, transferring some of its heat energy to the **Secondary loop water** (blue in Figure 7) without actually coming in contact with it. Primary coolant water exits the steam generator at approximately 558°F to be circulated back into the reactor where it is again heated to 606°F as it passes up through the fuel assemblies. Under ordinary conditions, water inside the primary system would boil long before it reached such temperatures. However, it is kept under a pressure of approximately 2,200 pounds-per-square-inch (psi) at all times. This prevents the water from boiling and is the reason the reactor at Davis-Besse is called a Pressurized Water Reactor. Secondary loop water enters the base of the steam generator at approximately 450°F and under 1,100 psi pressure. At this pressure, the water can easily boil into steam as it passes over the tubes containing the primary coolant water.

Both the primary and the secondary coolant water are considered **closed loop systems**. This means that they are designed not to come in physical contact with one another. Rather, the cooling water in each loop transfers heat energy by **convection**. Convection is a method of **heat transfer** that can occur between two fluid media. It is the same process by which radiators are used to heat homes. The water circulating inside the radiator is separated from the air (a "fluid" medium) by the metal piping.

The Turbine Generator

The turbine, main generator, and the condenser are all housed in what is commonly referred to as the **Turbine Building**. The purpose of the **turbine** is to convert the **thermal energy** of the steam produced in the steam generator (referred to as **main steam**, red in Figure 7) to **rotational energy** of the turbine generator shaft. The turbine at Davis-Besse is actually composed of one six-stage high-pressure turbine and two seven-stage low-pressure turbines aligned on a common shaft. A **turbine stage** refers to a set of blades. Steam enters at the center of each turbine and moves outward along the shaft in opposite directions through each successive stage of blading. As the steam passes over the turbine blades, it loses pressure. Thus, the blades must be proportionally larger in successive stages to extract enough energy from the steam to rotate the shaft at the correct speed.

The purpose of the **main generator** is to convert the rotational energy of the shaft to **electrical energy** for commercial usage and support of station systems. The main generator is composed of two parts, a stationary **stator** that contains coils of copper conductors, and a **rotor** that supplies a rotating magnetic field within the coils of the stator. Electrical current is generated in the stator portion of the main generator. From this point, the electric current passes through a series of **transformers** for transmission and use throughout northern Ohio.

The Condenser

After the spent steam in the secondary loop (blue in Figure 7) passes through the High and Low Pressure Turbines, it is collected in the **condenser,** which is several stories tall and contains more than 70,000 small tubes. **Circulating Water** (yellow in Figure 7) goes to the **Cooling Tower** after passing through the tubes inside the Condenser. As the steam from the Low Pressure Turbines passes over these tubes, it is cooled and condensed. The condensed water is then purified and reheated before being circulated back into the steam generator again in a closed loop system. Circulating water forms the third (or **tertiary**) and final loop of cooling water used at the Davis-Besse Station.

Similar to the primary to secondary interface, the secondary-to-tertiary interface is based on a closed-loop design. The Circulating Water, which is pumped through the tubes in the Water Box, is able to cool the water in the Condenser by the processes of conduction and convection. Even in the event of a primary-to-secondary leak, the water vapor exiting the Davis-Besse Cooling Tower would remain non-radioactive. Closed loops are an integral part of the design of any nuclear facility. This feature greatly reduces the chance of environmental impact from Station operation.

The Cooling Tower

The Cooling Tower at Davis-Besse is easily the most noticeable feature of the plant. The tower stands 493 feet high and the diameter of the base is 411 feet. Two nine-foot diameter pipes circulate 480,000 gallons of water per minute to the tower. Its purpose is to recycle water from the Condenser by cooling and returning it.

After passing through the Condenser, the Circulating Water has warmed to approximately 100°F. In order to cool the water back down to 70°F, the Circulating Water enters the Cooling Tower forty feet above the ground. It is then sprayed evenly over a series of baffles called fill sheets, which are suspended vertically in the base of the tower. A natural draft of air is swept upward through these baffles and cools the water by evaporation. The evaporated water exits the top of the Cooling Tower as water vapor.

As much as 10,000 gallons of water per minute are lost to the atmosphere through evaporation via the **Cooling Tower**. Even so, approximately 98 percent of the water drawn from Lake Erie for station operation can be recycled through the Cooling Tower for reuse. A small portion of the Circulating Water is discharged back to Lake Erie at essentially the same temperature it was withdrawn earlier. The slightly warmer water has no measureable adverse environmental impact on the area of lake surrounding the discharge point.

Miscellaneous Station Safety Systems

The orange system in Figure 7 is part of the **Emergency Core Cooling System (ECCS)** housed in the **Auxiliary Building** of the station. The ECCS consists of three overlapping means of keeping the reactor core covered with water, in the unlikely event of a Loss-of-Coolant Accident (LOCA), thereby protecting the fuel cladding barrier against high-temperature failure. Depending on the severity of the loss of pressure inside the Primary System, the ECCS will automatically channel borated water into the Reactor by using **High Pressure Injection Pumps,** a **Core Flood Tank,** or **Low Pressure Injection Pumps**. Borated water can also be sprayed from the ceiling of the Containment Vessel to cool and condense any steam that escapes the Primary System.

The violet system illustrated in Figure 7 is responsible for maintaining the Primary Coolant water in a liquid state. It accomplishes this by adjusting the pressure inside the Primary System. Heaters inside the **Pressurizer** turn water into steam. This steam takes up more space inside the Pressurizer, thereby increasing the overall pressure inside the Primary System. The Pressurizer is equipped with spray heads that shower cool water over the steam in the unit. In this case, the steam condenses and the overall pressure inside the Primary System drops. The Quench Tank is where excess steam is directed and condensed for storage.

The scarlet system in Figure 7 is part of the **Auxiliary Feedwater System**, a key safety system in event the main feedwater supply (blue in Figure 7) to the Steam Generator is lost. Following a reactor shutdown, the Auxiliary Feedwater System can supply water to the Steam Generators from the **Condensate Storage Tanks**. The Auxiliary Feedwater System is housed in the Turbine Building along with the Turbine, Main Generator, and the Condenser.

Reactor Safety and Summary

Nuclear power plants are inherently safe, not only by the laws of physics, but by design. Nuclear power plants cannot explode like a bomb, because the concentration of fissionable material is far less than is necessary for such a nuclear explosion. Also, many safety features are equipped with several backup systems to ensure that any possible accident would be prevented from causing a serious health or safety threat to the public, or serious impact on the local environment. Davis-Besse, like all U.S. nuclear units, has many overlapping, or redundant safety features. If one system should fail, there are still back-up systems to assure the safe operation of the Station. During normal operation, the **Reactor Control System** regulates the power output by adjusting the position of the control rods. The Reactor can be automatically shut down by a separate **Reactor Protection System,** which causes all the control rod assemblies to be quickly and completely inserted into the Reactor core, stopping the chain reaction. To guard against the possibility of a Loss of Coolant Accident, the Emergency Core Cooling System is designed to pump reserve water into the reactor automatically if the reactor coolant pressure drops below a predetermined level.

The Davis-Besse Nuclear Power Station was designed, constructed, and is operated to produce a reliable, safe, and environmentally sound source of electricity.

Radioactive Waste

Many of the activities we depend on in our everyday lives produce radioactive waste by-products. Nuclear energy, industrial processes, and medical treatments are some of these activities. These by-products are managed and disposed of under strict requirements set by the federal government. With the exception of used nuclear fuel assemblies, these by-products produced at commercial power plants are referred to as low level radioactive waste.

Low Level Radioactive Waste

Low level radioactive waste consists of ordinary trash and other items that have become contaminated with radioactive materials and can include plastic gloves and other protective clothing, machine parts and tools, medical and laboratory equipment, filters, resins, and general scrap.

The radioactive material in low level radioactive waste emits the same types of radiation as naturally-occurring radioactive materials. Most low level activity in radioactive waste decay to background levels within months or years. Nearly all activity diminishes to stable materials in less than 300 years.

Davis-Besse currently transports low-level radioactive waste to Tennessee for processing, after which it is shipped to Utah or Texas for disposal. Davis-Besse has the capacity to store low-level waste produced on site for several years in the Low Level Radioactive Waste Storage Facility, should this facility close.

Davis-Besse added the Old Steam Generator Storage Facility (OSGSF) in 2011 to house the Reactor Vessel Closure Head, Service Support Structure and Control Rod Drive mechanisms removed during the 17M outage. Two Steam Generators and two Reactor Coolant System Hot Leg piping sections were replaced during 18th Refueling Outage (18RFO) in 2014, and are also

stored there. The reinforced concrete building is comprised of three sections, the largest of which contains the old steam generators and hot legs. The old reactor vessel head is kept in another bay. The sections of the building are completely enclosed with concrete for shielding. The dose rates outside the walls of this section are at background levels. The third section is the vestibule, which provides access to the other two sections. Both the steam generator and reactor vessel head sections have floor drains that lead to a sump that can be monitored and sampled from the vestibule. Surveys are routinely performed by Radiation Protection personnel to monitor the dose rates and Tritium.

High Level Nuclear Waste

Like any industrial or scientific process, nuclear energy does produce waste. The most radioactive is defined as "high-level" waste (because it has high levels of radioactivity). Ninety-nine percent of high-level waste from nuclear plants is used nuclear fuel. The fuel undergoes certain changes during fission. Most of the fragments of fission, pieces that are left over after the atom is split, are radioactive. After a period of time, the fission fragments trapped in the fuel assemblies reduce the efficiency of the chain reaction. The oldest fuel assemblies are removed from the reactor and replaced with fresh fuel at 24-month intervals.

High-level nuclear waste volumes are small. Davis-Besse produces about 30 tons of used fuel every 24 months. All the used fuel produced by all America's nuclear energy plants since the first plant started operating over 30 years ago would cover an area the size of a football field about five yards deep. All of America's nuclear plants combined produce less than 3,000 tons of used fuel each year. By contrast, the U.S. produces about 300,000,000 tons of chemical waste annually. Also, nuclear waste slowly loses its radioactivity, but some chemical waste remains hazardous indefinitely.

Davis-Besse presently stores much of its used fuel in steel-lined water-filled concrete vaults inside the plant. The Department of Energy (DOE) is charged with constructing a permanent high-level waste repository for all of the nation’s nuclear plants. By law, the Department of Energy was required to accept fuel from utilities by the end of 1998. Until the permanent DOE site is developed, nuclear plants will be responsible for the continued safe storage of high-level waste. At Davis-Besse, the fuel pool reached its capacity in 1996. At the end of 1996, Davis-Besse began the process of moving the older fuel assemblies that no longer require water cooling to air-cooled concrete shielded canisters. These will remain on site and inside the Protected Area until the Department of Energy facilities are ready to receive them. Dry fuel storage is already used in many countries, including Canada, and in the U.S. at multiple nuclear plants. Figure 8 illustrates the initial Dry Fuel Storage module arrangement (AREVA-TN HSM-80) at Davis-Besse. In 2001, work was performed to increase the storage capacity of the Spent Fuel Pool. The pool remains the same size, however, removing old storage racks and replacing them with new ones changed the configuration of storage.

After the Davis-Besse operating license was extended, additional storage capacity for used fuel became necessary. Dry fuel storage operations were resumed in 2017 using a similar, but more advanced module arrangement (AREVA-TN HSM-H) storage system. Four horizontal storage modules were added to the Independent Spent Fuel Storage Installation Pad in July of 2017. An additional twelve modules (AREVA-TN EOS-HSM) were installed on the pad in the fall of 2019 in which eight were loaded with dry shielded cannisters.

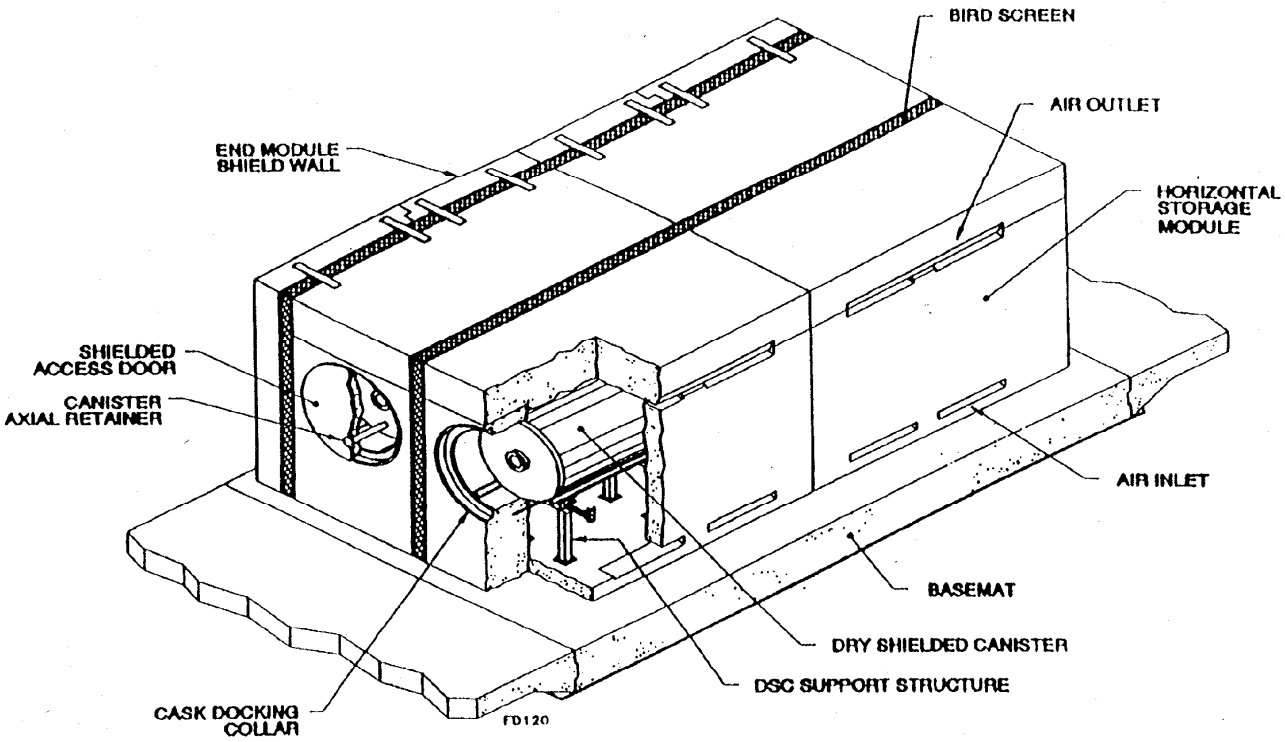

Figure 8: Initial HSM-80 Dry Fuel Storage Module Arrangement

Description of the Davis-Besse Site

The Davis-Besse site is located in Carroll Township of Ottawa County, Ohio. It is on the south-western shore of Lake Erie, just north of the Toussaint River. The site lies north and east of Ohio State Route 2, approximately 10 miles northwest of Port Clinton, 7 miles north of Oak Harbor, and 25 miles east of Toledo, Ohio (Figure 9).

This section of Ohio is flat and marshy, with maximum elevations of only a few feet above the level of Lake Erie. The area originally consisted of swamp forest and marshland, rich in wildlife but unsuitable for settlement and farming. During the nineteenth century, the land was cleared and drained, and has been farmed successfully since. Today, the terrain consists of farmland with marshes extending in some places for up to two miles inland from the Sandusky Lake Shore Ridge.

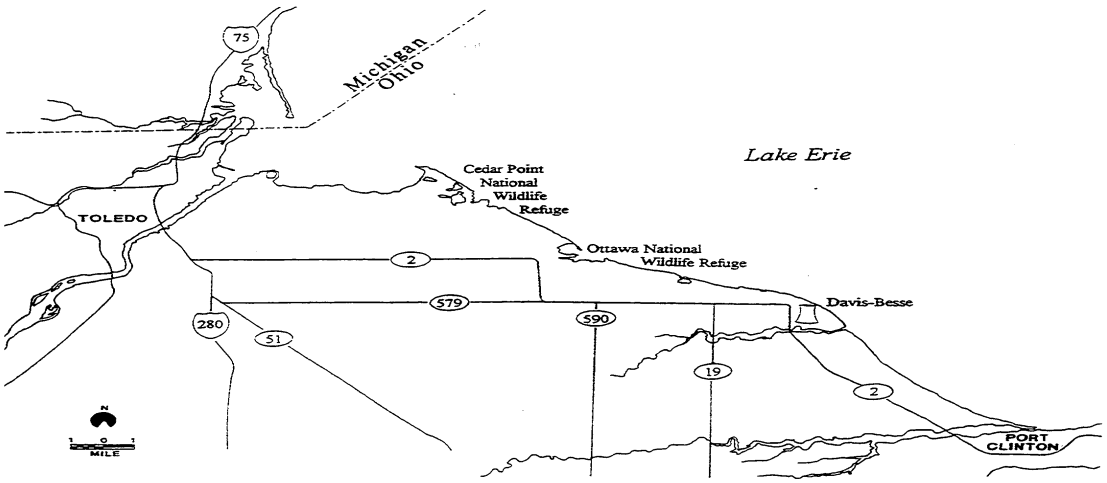

Figure 9: Davis-Besse is near Oak Harbor, Port Clinton, and the Ottawa National Wildlife Refuge.

The Davis-Besse site is mainly comprised of freshwater marsh land, with a small portion consisting of farmland. The marshes are part of a valuable ecological resource, providing a breeding ground for a variety of wildlife and a refuge for migratory birds. The site includes a tract known as Navarre Marsh, which was acquired from the U.S. Bureau of Sport Fisheries and Wildlife, Department of the Interior. In 1971, Toledo Edison purchased the 188-acre Toussaint River Marsh. The Toussaint River Marsh is contiguous with the 610-acre Navarre Marsh section of the Ottawa National Wildlife Refuge. The Navarre Marsh and Toussaint River Marsh are leased to the U.S. Fish and Wildlife Service, who manage it as part of the Ottawa National Wildlife Refuge.

The immediate area near Davis-Besse is sparsely populated. The most recent Census was completed in the year 2019 and listed the population of Ottawa County at 40,632. The incorporated communities nearest to Davis-Besse are:

- Port Clinton - 10 miles southeast, population 5,945
- Oak Harbor - 7 miles south, population 2,741
- Rocky Ridge - 7 miles west southwest, population 520
- Toledo (nearest major city) - 25 miles west, population 276,614

There are some residences along the lakeshore used mainly as summer homes. However, the major resort area of the county is farther east, around Port Clinton, Lakeside, and the Bass Islands.

The majority of non-marsh areas around the Davis-Besse site are used for farming. The major crops include soybeans, corn, wheat, oats, hay, fruits and vegetables. Meat and dairy animals are not major sources of income in the area. The main industries within five miles of the site are located in Erie Industrial Park, about four miles southeast of the station.

Most of the remaining marshes in the area have been maintained by private hunting clubs, the U.S. Fish and Wildlife Service, and the Ohio Department of Natural Resources, Division of Wildlife. The State of Ohio Department of Natural Resources operates many wildlife and recreational areas within 10 miles of the Station. These include Magee Marsh, Turtle Creek and Crane Creek Wildlife Research Station. Magee Marsh and Turtle Creek lie between three and six miles WNW of the Station. Magee Marsh is a wildlife preserve that allows public fishing, nature study, and a controlled hunting season. Turtle Creek is a wooded area at the southern end of Magee Marsh, which offers boating and fishing. Crane Creek is adjacent to Magee Marsh, and is a popular bird watching and hunting area. The Ottawa National Wildlife Refuge, which is operated by the U.S. Fish and Wildlife Service, lies four to nine miles WNW of the Site, immediately west of Magee Marsh.

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Radiological Environmental Monitoring Program

Introduction

The **Radiological Environmental Monitoring Program (REMP)** was established at Davis-Besse for several reasons: to provide a supplementary check on the adequacy of containment and effluent controls, to assess the radiological impact of the Station's operation on the surrounding area, and to determine compliance with applicable radiation protection guides and standards. The REMP was established in 1972, five years before the Station became operational. This **pre-operational surveillance program** was established to describe and quantify the radioactivity, and its variability, in the area prior to the operation of Davis-Besse. After Davis-Besse became operational in 1977, the **operational surveillance program** continued to measure radiation and radioactivity in the surrounding areas.

A variety of environmental samples are collected as part of the REMP at Davis-Besse. The selection of sample types is based on the established critical pathways for the transfer of radionuclides through the environment to humans. The selection of sampling locations is based on sample availability, local meteorological and hydrological characteristics, local population characteristics, and land usage in the area of interest. The selection of sampling frequencies for the various environmental media is based on the radionuclides of interest, their respective half-lives, and their effect in both biological and physical environments.

A description of the REMP at Davis-Besse is provided in the following section. In addition, a brief history of analytical results for each sample type collected since 1972, and a more detailed summary of the analyses performed during this reporting period is also provided.

Pre-Operational Surveillance Program

The federal government requires nuclear facilities to conduct radiological environmental monitoring prior to constructing the facility. This pre-operational surveillance program is for the collection of data needed to identify critical pathways, including selection of radioisotope and sample media combinations for the surveillance conducted after facility operations begin. Radio-chemical analyses performed on samples should include nuclides that are expected to be released during normal facility operations, as well as typical fallout radionuclides and natural background radioactivity. All environmental media with a potential to be affected by facility operation, as well as those media directly in the critical pathways, should be sampled during the pre-operational phase of the environmental surveillance program.

The pre-operational surveillance design, including nuclide/media combinations, sampling frequencies and locations, collection techniques and radiochemical analyses performed, should be carefully considered and incorporated in the design of the operational surveillance program. In this manner, data can be compared in a variety of ways (for example: from year to year, location to location, etc.) in order to detect any radiological impact the facility has on the surrounding environment. Data collection during the pre-operational phase should be planned to provide a comprehensive database for evaluating any future changes in the environment surrounding the plant.

Davis-Besse began its pre-operational environmental surveillance program five years before the Station began producing power for commercial use in 1977. Data accumulated during that time provides an extensive database from which Station personnel are able to identify trends in the radiological characteristics of the local environment. The environmental surveillance program at Davis-Besse will continue after the Station has reached the end of its economic viability and de-commissioning has begun.

Operational Surveillance Program Objectives

The operational phase of the environmental surveillance program at Davis-Besse was designed with the following objectives in mind:

- to fulfill the obligations of the radiological surveillance sections of the Station's Technical Specifications and Offsite Dose Calculation Manual
- to determine whether any significant increase in the concentration of radionuclides in critical pathways occurs
- to identify and evaluate the buildup, if any, of radionuclides in the local environment, or any changes in normal background radiation levels
- to verify the adequacy of Station controls for the release of radioactive materials

Quality Assurance

An important part of the environmental monitoring program at Davis-Besse is the **Quality Assurance (QA) Program**, which is conducted in accordance with the guidelines specified in NRC Regulatory Guide 4.15, “Quality Assurance for Radiological Monitoring Programs”. The QA Program is designed to identify possible deficiencies in the REMP so that corrective actions can be initiated promptly. Davis-Besse's Quality Assurance program also provides confidence in the results of the REMP through:

- performing regular audits (investigations) of the REMP, including a careful examination of sample collection techniques and record keeping
- performing audits of contractor laboratories which analyze the environmental samples
- requiring analytical contractor laboratories to participate in the United States Environmental Protection Agency Cross Check Program
- requiring analytical contractor laboratories to split samples for separate analysis followed by a comparison of results
- splitting samples prior to analysis by independent laboratories, and then comparing the results for agreement
- requiring analytical contractor laboratories to perform in-house spiked sample analyses

Quality Assessment audits and inspections of the Davis-Besse REMP are performed by the Energy Harbor QA Department and the NRC. In addition, the Ohio Department of Health (ODH) also

performs independent environmental monitoring in the vicinity of Davis-Besse. The types of samples collected, and list of sampling locations used by the ODH were incorporated in Davis-Besse's REMP, and the analytical results from their program can be compared to Davis-Besse's. This practice of comparing results from identical samples, which are collected and analyzed by different parties, provides a valuable tool to verify the quality of the laboratories' analytical procedures and data generated.

In 1987, environmental sampling personnel at Davis-Besse incorporated their own QA program into the REMP. Duplicate samples, called quality control samples, were collected at several locations. These duplicate samples were assigned different identification numbers than the numbers assigned to the routine samples. This ensured that the analytical laboratory would not know the samples were identical. The laboratory results from analysis of the quality control samples and the routine samples could then be compared for agreement. Quality control sampling has been integrated into the program and has become an important part of the REMP since 1987. Quality control sampling locations are changed frequently in order to duplicate as many sampling locations as possible, and to ensure the contract laboratory has no way of correctly pairing a quality control sample with its routine sample counterpart.

Program Description

The Radiological Environmental Monitoring Program at Davis-Besse is conducted in accordance with Title 10, Code of Federal Regulations, Part 50; NRC Regulatory Guide 4.8; the Davis-Besse Nuclear Power Station Operating License, Sections 5.6.1 and 5.6.2 of Davis-Besse Technical Specifications, the Davis-Besse Offsite Dose Calculation Manual (ODCM) and Station Operating Procedures. Samples are collected weekly, monthly, quarterly, semiannually, or annually, depending upon the sample type and nature of the radionuclides of interest. Environmental samples collected by Davis-Besse personnel are divided into four general types:

- **atmospheric** -- including samples of airborne particulate and airborne radioiodine
- **terrestrial** -- including samples of milk, ground water, broadleaf vegetation
- **aquatic** -- including samples of untreated and treated surface water, fish, and shoreline sediments
- **direct radiation** -- measured by thermoluminescent dosimeters

All environmental samples are labeled using a sampling code. Table 2 provides the sample codes and collection frequency for each sample type.

REMP samples are collected onsite, and offsite up to 25 miles away from the Station. Sampling locations may be divided into two general categories: Indicator and Control. Indicator locations are those which would be most likely to display the effects caused by the operation of Davis-Besse and are located within five miles of the station. Control locations are those which should be unaffected by Station operations and are more than five miles from the Station. Data from Indicator locations are compared with data from the Control locations. This comparison allows REMP personnel to take into account naturally-occurring background radiation or fallout from weapons testing in evaluating any radiological impact Davis-Besse has on the surrounding environment. Data

from Indicator and Control locations are also compared with pre-operational data to determine whether significant variations or trends exist.

Since 1987 the REMP has been reviewed and modified to develop a comprehensive sampling program adjusted to the current needs of the utility. Modifications have included additions of sampling locations above the minimum amount required in the ODCM and increasing the number of analyses performed on each sample. In addition to adding new locations, duplicate or Quality Control (QC) sample collection is performed to verify the accuracy of the lab analyzing the environmental samples.

Approximately 1,200 samples were collected and 1,400 analyses were performed during 2021. In addition, 10% of the sampling locations were quality control sampling locations. Table 3 shows the number of the sampling location and number collected for each type.

Table 2: Sample Codes and Collection Frequencies

Sample Type	Sample Code	Collection Frequency
Direct Radiation	TLD	Quarterly
Airborne Particulate / Radioiodine	AP / AI	Weekly
Surface Water Untreated	SWU	Weekly (Composited Monthly)
Surface Water Treated	SWT	Weekly
Ground Water	WW	Quarterly (periodically for Control)
Shoreline Sediment	SED	Semiannually
Milk	MIL	Monthly semi-monthly during grazing season – when applicable
Fish	FIS	Annually
Broadleaf Vegetation	BLV	Monthly (when available)

Table 3: Sample Collection Summary

Sample Type (Remarks)	Collection Type[a]/ Frequency[b]	Number of Locations	Number of Samples Collected	Number of Samples Missed
Atmospheric				
Airborne Particulate (AP)	C/W	9	449	19(c)
Airborne Radioiodine (AI)	C/W	9	449	19(c)
Terrestrial				
Milk (Jan.-Apr.) (MIL)	G/M(d)	1	2	0
Ground Water (WW)	G/Q(e)	1	2(e)	0
Broadleaf Vegetation (BLV)	G/M	4	22	0
Aquatic				
Surface Water Untreated (SWU)	Comp/WM G/WM(f)	3 3	156 156	0 0
Surface Water Treated (SWT)	Comp/WM G/WM(f)	2 1	104 52	0 0
Fish (2 species) (FIS)	G/A	2	4	0
Shoreline Sediment (SED)	G/SA	2	4	0
Direct Radiation				
Thermoluminescent Dosimeters (TLD)	C/Q(f)	64	256	0

(a) Type of Collection: C = Continuous; G = Grab; Comp = Composite

(b) Frequency of Collection: WM = Weekly with composite Monthly; W = Weekly, M = Monthly; Q = Quarterly when available; SA = Semiannually; A = Annually

(c) Nineteen samples were "missed" during 2021 due to loss of power at T-12 from a construction project (18 of 19) or from a loss of power (1 of 19) at T-11. The lack of a reliable electrical feed to T-12, resulted in that site being replaced with a new sample location designated T-32 shortly after the loss of power event at T-11. The loss of power event at T-11 occurred when T-12 was out of service, so the required number of control air samples for particulates and radioiodines specified in Offsite Dose Calculation Manual Table 6-1 was not satisfied. This condition was remediated within the required 30-days when the air sampler at T-12 was relocated to T-32, as stated above. This change in control air sampler location has been made in the current ODCM revision.

(d) There are no milking animals within the vicinity (≤ 8 km) of the Davis-Besse Nuclear Power Station. Control samples were collected twice during the grazing season and analyzed for baseline purposes in the event that an animal is introduced within 8 km from the station in the future.

(e) There are no ground water wells within the vicinity of the Davis-Besse Nuclear Power Station that produce ground water for drinking or irrigation purposes. The community is served by the Carroll Township Water Plant. One Control location was periodically sampled during 2021 for baseline data to compare with in the event a new well is drilled in a down-gradient location where it might monitor a plume if any contamination of ground water were to occur.

(f) Includes quality control location. SWU and SWT QC included in weekly grab sample/composited monthly.

Sample Analysis

When environmental samples are analyzed, several types of measurements may be performed to provide information about the radionuclides present. The major analyses that are performed on environmental samples collected for the Davis-Besse REMP include:

- **Gross beta analysis** measures the total amount of beta emitting radioactive material present in a sample. Beta radiation may be released by many different radionuclides. Since beta decay gives a continuous energy spectrum rather than the discrete lines or "peaks" associated with gamma radiation, identification of specific beta emitting nuclides is much more difficult. Therefore, gross beta analysis only indicates whether the sample contains normal or abnormal concentrations of beta emitting radionuclides; it does not identify specific radionuclides. Gross beta analysis merely acts as a tool to identify samples that may require further analysis.
- **Gamma spectral analysis** provides more specific information than gross beta analysis. Gamma spectral analysis identifies each gamma emitting radionuclide present in the sample, and the amount of each nuclide present. Each radionuclide has a very specific "fingerprint" that allows for swift and accurate identification. For example, gamma spectral analysis can be used to identify the presence and amount of Iodine-131 in a sample. Iodine-131 is a man-made radioactive isotope of Iodine that may be present in the environment as a result of fallout from nuclear weapons testing, routine medical uses in diagnostic tests, and routine releases from nuclear power stations.
- **Tritium analysis** indicates whether a sample contains the radionuclide Tritium (H-3) and the amount present. As discussed in the Introduction section, Tritium is an isotope of Hydrogen that emits low energy beta particles.
- **Strontium analysis** identifies the presence and amount of Strontium-89 and Strontium-90 in a sample. These man-made radionuclides are found in the environment as a result of fallout from nuclear weapons testing. Strontium is usually incorporated into the pool of the biosphere. In other words, it accumulates in living organisms, where it is stored in the bone tissue. The principal Strontium exposure pathway is via milk produced by cattle grazed on pastures exposed to deposition from airborne releases.
- **Gamma Doses** measured by thermoluminescent dosimeters while in the field are determined by a special laboratory procedure. Table 4 provides a list of the analyses performed on environmental samples collected for the Davis-Besse REMP.
- Often samples will contain little radioactivity, and may be below the lower limit of detection for the particular type of analysis used. The lower limit of detection (LLD) is the smallest amount of sample activity that can be detected with a reasonable degree of confidence at a predetermined level. When a measurement of radioactivity is reported as less than LLD (<LLD), it means that the radioactivity is so low that it cannot be accurately measured with any degree of confidence by a particular method for an individual analysis.

Table 4: Radiochemical Analyses Performed on REMP Samples

Sample Type	Analyses Performed
Direct Radiation Monitoring	
Thermoluminescent Dosimeters	Gamma Dose
Airborne Monitoring	
Airborne Particulate	Gross Beta Gamma Spectroscopy Strontium-89 Strontium-90
Airborne Radioiodine	Iodine-131
Waterborne Monitoring	
Surface Water, Untreated	Gross Beta Gamma Spectroscopy Tritium Strontium-89 Strontium-90
Surface Water, Treated (Drinking Water)	Gross Beta Gamma Spectroscopy Tritium Strontium-89 Strontium-90 Iodine-131
Shoreline Sediment	Gamma Spectroscopy
Groundwater	Gross Beta Gamma Spectroscopy Tritium Strontium-89 Strontium-90

Table 4: Radiochemical Analyses Performed on REMP Samples (continued)

Sample Type	Analyses Performed
Ingestion Monitoring	
Milk	Gamma Spectroscopy Iodine-131 Strontium-89 Strontium-90 Stable Calcium Stable Potassium
Fish	Gross Beta Gamma Spectroscopy
Broadleaf Vegetation	Gamma Spectroscopy Iodine-131 Strontium-89 Strontium-90

Sample History Comparison

The measurement of radioactive materials present in the environment will depend on factors such as weather or variations in sample collection techniques or sample analysis. This is one reason why the results of sample analyses are compared with results from other locations and from earlier years. Generally, the results of sample analyses are compared with pre-operational and operational data. Additionally, the results of Indicator and Control locations are also compared. This allows REMP personnel to track and trend the radionuclides present in the environment, to assess whether a buildup of radionuclides is occurring and to determine the effects, if any, the operation of Davis-Besse is having on the environment. If any unusual activity is detected, it is investigated to determine whether it is attributable to the operation of Davis-Besse, or to some other source such as nuclear weapons testing.

Direct Radiation Monitoring

- **Thermoluminescent Dosimeters (TLDs):** The quarterly and annual gamma TLD dose rates for the current reporting period were evaluated using the methodologies presented in ANSI/HPS N13.37-2014 (R2019), "Environmental Dosimetry – Criteria for System Design and Implementation," and U.S. Nuclear Regulatory Commission Regulatory Guide 4.13, Revision 2, "Environmental Dosimetry – Performance Specifications, Testing, and Data Analysis. Evaluation of quarterly TLDs resulted in determination of the Facility Related Dose (FRD – actual amount of dose detected in a monitoring period above background attributed to the facility) for each measuring location. Davis-Besse sampling

locations includes two inner ring TLDs in each meteorological sector in the general area of the Unrestricted Area Boundary, as well as two TLDs in each outer ring sector (excluding those sectors that extend into Lake Erie) located 6 to 8 km from the station. Multiple TLDs are also placed in special interest areas (Sand Beach and Long Beach local communities, Oak Harbor, and Port Clinton). The evaluation of FRD at each TLD location determined that all quarterly and annual doses were considered "non-detectable". No increase above natural background radiation attributable to Davis-Besse was observed in 2021.

Airborne Monitoring

- **Airborne Particulates:** No radioactive particulates have been detected as a result of Davis-Besse's operation. Only natural and fallout radioactivity from nuclear weapons testing and the 1986 nuclear accident at Chernobyl have been detected.
- **Airborne Radioiodine:** Radioactive Iodine-131 fallout was detected in 1976, 1977, and 1978 from nuclear weapons testing, and in 1986 (0.12 to 1.2 picocuries per cubic meter) from the nuclear accident at Chernobyl. Iodine-131 was detected at all ten air sample locations over a four-week period between March 22 and April 12, 2011 following the Fukushima Daiichi Nuclear Station disaster in Japan.

Waterborne Monitoring

- **Surface Water (Untreated and Treated):** Historically, Tritium has been detected sporadically at very low levels in treated and untreated surface water at both Control and Indicator locations. In 2021, Tritium was detected in the Untreated surface water samples at locations T-3 (thrice), T-11 (once), and T-22 (once). Tritium was also identified in the duplicate sample from T-22 on the same day, thereby illustrating the consistency in results. All other untreated surface water samples in 2021 were less than the 330 pCi/L lower limit of detection value for Tritium in water. None of the Treated surface water samples during 2021 indicated a presence of Tritium.
- **Shoreline Sediments:** Only natural background radiation, material from nuclear testing and the 1986 nuclear accident at Chernobyl have been detected.
- **Groundwater:** Tritium was not detected above the lower limit of detection during 2021 in any REMP groundwater Control samples.

Terrestrial Monitoring:

- **Milk:** Iodine-131 from nuclear weapons testing fallout was detected in 1976 and 1977 at concentrations of 1.36 and 23.9 picocuries/liter respectively. In 1986, concentrations of 8.5 picocuries/liter were detected from the nuclear accident at Chernobyl. Iodine was not detected in REMP milk samples following the Fukushima Daiichi Nuclear Station disaster in 2011. Iodine-131 was not detected in any REMP Milk Control samples in 2021.
- **Fish:** Only natural background radioactive material was detected.

- **Broadleaf Vegetation:** Only naturally-occurring radioactive material was detected in broad-leaf vegetable samples in 2021.

2021 Program Anomalies

There were no REMP sample anomalies noted in 2021.

There were multiple missed air samples (see Table 3) during 2021 due loss of power events at the control locations (one near Toledo (T-12), the other near Port Clinton (T-11)). Due to an increasingly unreliable source of power at the T-12, a new control location, T-32, was established 15.6 miles SSW of DBNPS.

A pump failure at air sampler location T-27 during the week of August 17th, 2021 resulted in low sample volume collected; however, the sample was submitted for analysis and the result was consistent with the normal weekly sample results. A loss of power occurred at air sampler location T-4 during the week of August 10th and again during the week of September 28th which resulted in samples with low sample volume. In each of these cases there was sufficient sample for analysis and the results were consistent with the normal weekly sample results. A loss of power at air sampler location T-7 during the week of April 20th, 2021 resulted in low sample volume collected; however, the sample was submitted for analysis and the result was consistent with the normal weekly sample results. A loss of power at air sampler location T-1 during the week of June 1st, 2021 resulted in low sample volume collected; however, the sample was submitted for analysis and the result was consistent with the normal weekly sample results.

Despite the multiple failure events, the minimum number of air samples required by the ODCM was always available and collected for analysis with the exception of the week of December 14th, 2021, when both control air samplers were out of service due to loss of power at each location. The T-11 failure was anomalous, however, due to ongoing issues at the T-12 location, T-12 was immediately replaced with a new Control location, T-32, near Lindsey, Ohio.

Abnormal Releases

There were no abnormal liquid or gaseous releases occurring during 2021.

Atmospheric Monitoring

Air Samples

Environmental air sampling is conducted to detect any increase in the concentration of airborne radionuclides that may be inhaled by humans or serve as an external radiation source. Inhaled radionuclides may be absorbed from the lungs, gastrointestinal tract, or from the skin. Air samples collected by the Davis-Besse REMP include airborne particulate and airborne radioiodine.

Samples are collected weekly with low volume vacuum pumps, which draw a continuous sample through a glass fiber filter and charcoal cartridge at a rate of approximately one cubic foot per minute. Airborne particulate samples are collected on 47 mm diameter filters. Charcoal cartridges are installed downstream of the particulate filters to sample for the airborne radioiodine.

The airborne samples are sent to an offsite contract laboratory for analysis. At the laboratory, the airborne particulate filters are stored for 72 hours before they are analyzed to allow for the decay of naturally occurring short-lived radionuclides. However, due to the short half-life of iodine 131 (approximately eight days), the airborne radioiodine cartridges are analyzed upon receipt by the contract laboratory.

Airborne Particulate

Davis-Besse has the following continuous air samplers that monitor for air particulate and iodine. There are seven Indicator locations, including four around the site boundary (T-1, T-2, T-3, and T-4), and at the nearby park of Crane Creek (T-27). Additionally, there are Indicator locations at the two nearest communities of Sand Beach (T-7) and Oak Harbor (T-9). Control stations are set up in Port Clinton (T-11) and Lindsey (T-32). Gross beta analysis is performed on each of the weekly samples. Per the discussion in the section on "2021 Program Anomalies", above, control location T-12 was replaced with location T-32 in 2021.

Each quarter, the filters from each location are combined (composited) and analyzed for gamma-emitting radionuclides, as well as Strontium-89 and Strontium-90. Beta-emitting radionuclides were detected at an average concentration of 0.026 pCi/m^3 at Unrestricted Area Boundary locations, 0.026 pCi/ m^3 at Community locations, and 0.027 pCi/m^3 at Control locations. Beryllium-7 was detected by the gamma spectroscopic analysis of the quarterly composites. Beryllium-7 is a naturally occurring radionuclide produced in the upper atmosphere by cosmic radiation. Historically, naturally-occurring Potassium-40 was the only other gamma-emitting radionuclide that was detected at levels slightly above its LLDs, however, in 2021, Potassium-40 all results were less than the LLD. Strontium-89 and Strontium-90 were not detected above their LLDs. These results

show no adverse change in radioactivity in air samples attributable to the operation of the Davis-Besse Nuclear Power Station in 2021.

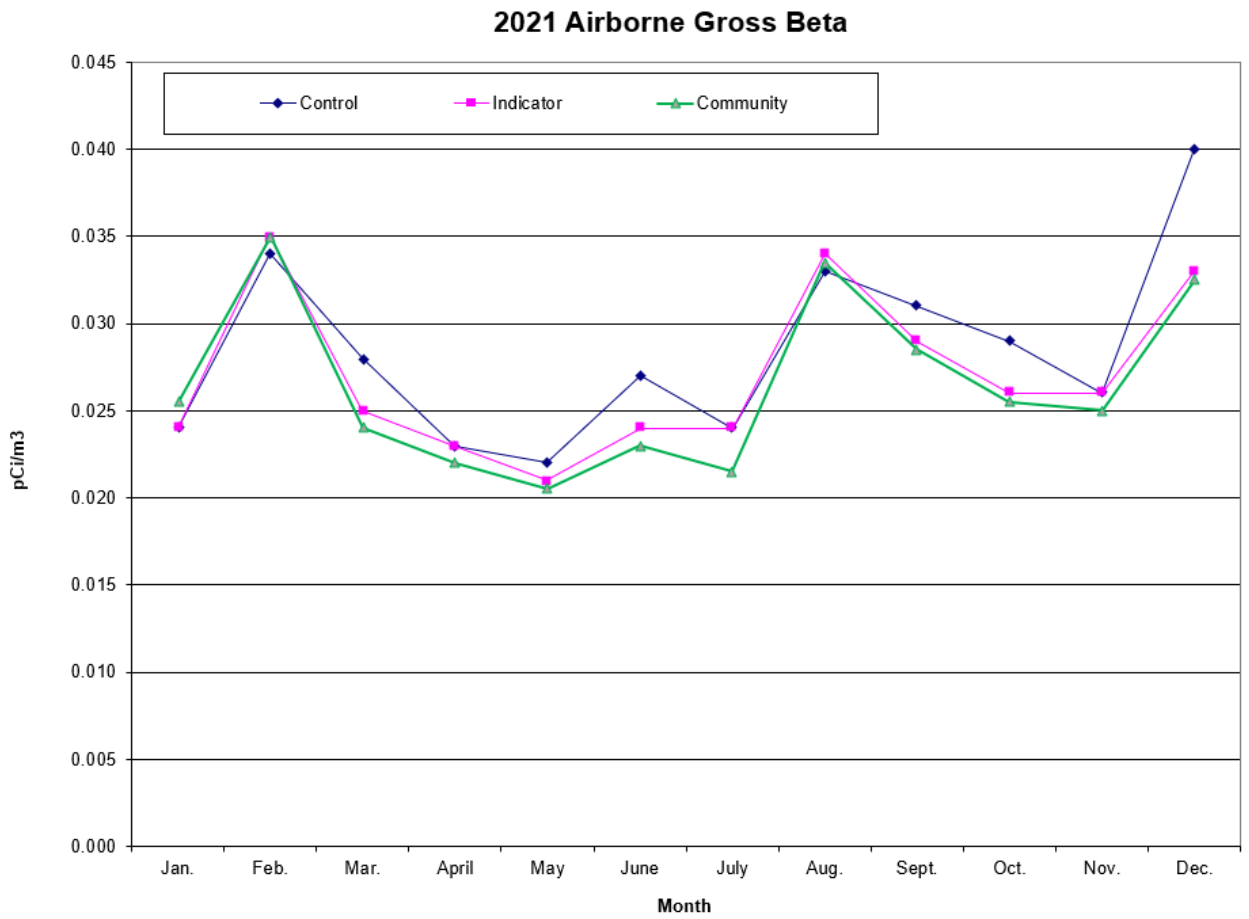

Figure 10: Airborne Gross Beta. Concentrations of beta-emitting radionuclides in airborne particulate samples were nearly identical and trended together at Indicator, Control, and Community locations during 2021.

Airborne Iodine-131

Airborne Iodine-131 samples are collected at the same nine locations as the airborne particulate samples. Charcoal cartridges are placed downstream of the particulate filters. These cartridges are collected weekly, sealed in separate collection bags and sent to the laboratory for gamma analysis.

Table 5: Air Monitoring Locations

Sample Location Number	Type of Location	Location Description
T-1	I	Site boundary, 0.6 miles ENE of Station
T-2	I	Site boundary, 0.9 miles E of Station
T-3	I	Site boundary, 1.4 miles ESE of Station
T-4	I	Site boundary, 0.8 miles S of Station
T-7	I, CM	Sand Beach, main entrance, 0.9 miles NW of Station
T-9	I, CM	Oak Harbor Substation, 6.8 miles SW of Station
T-11	C	Ottawa County Regional Water Intake Facility, 9.5 miles SE of Station
T-12	C	Toledo Water Treatment Plant, 20.7 miles WNW of Station (Discontinued December 2021)
T-27	I	Magee Marsh Wildlife Area, 5.3 miles WNW of Station
T-32	C	Emergency Operations Facility, 15.5 miles SW of Station (Initiated December 2021)

I = Indicator C = Control CM = Community

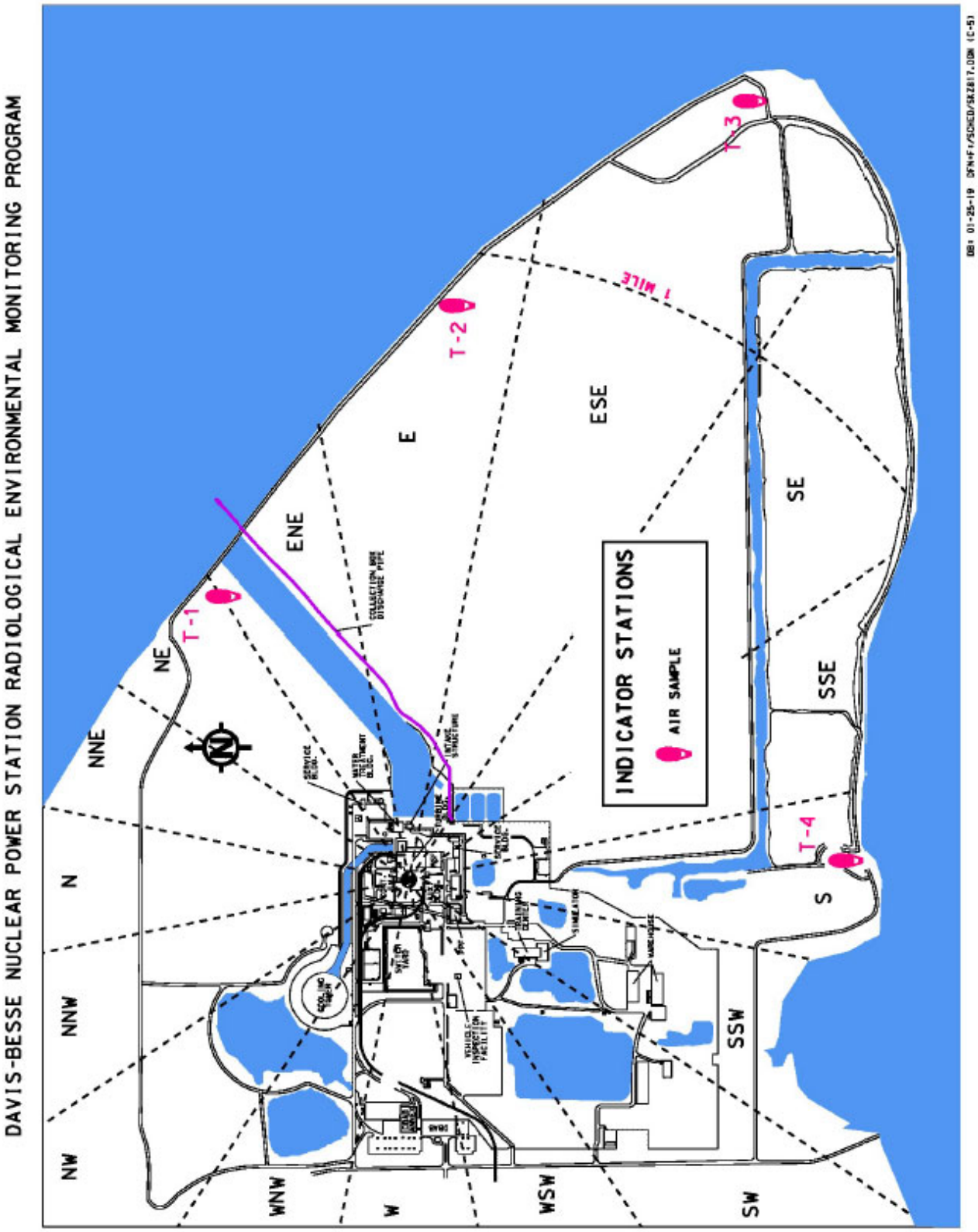

Figure 11: Air Sampler Locations Map – Onsite Indicator

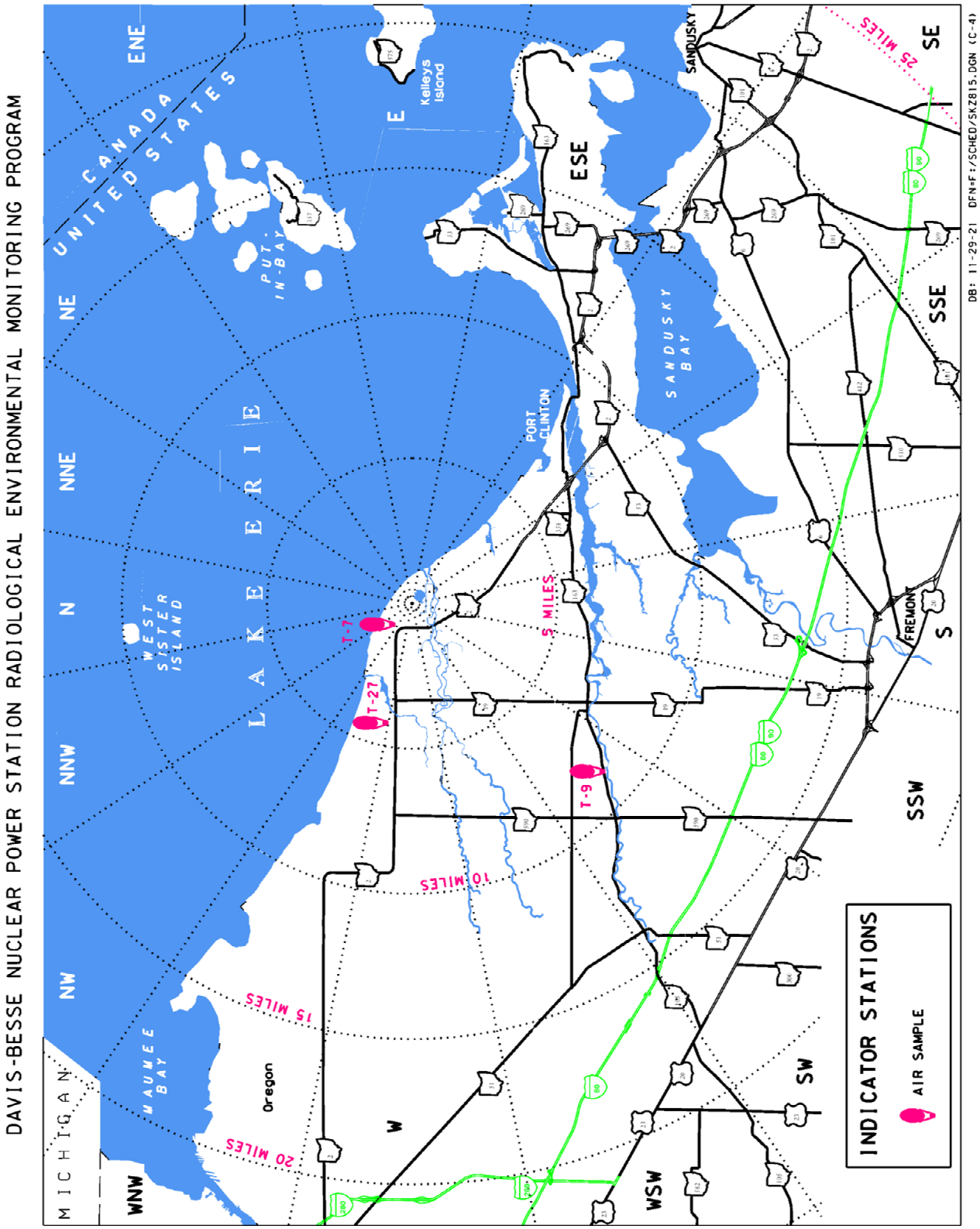

Figure 12: Air Sampler Locations Map – Offsite Indicator

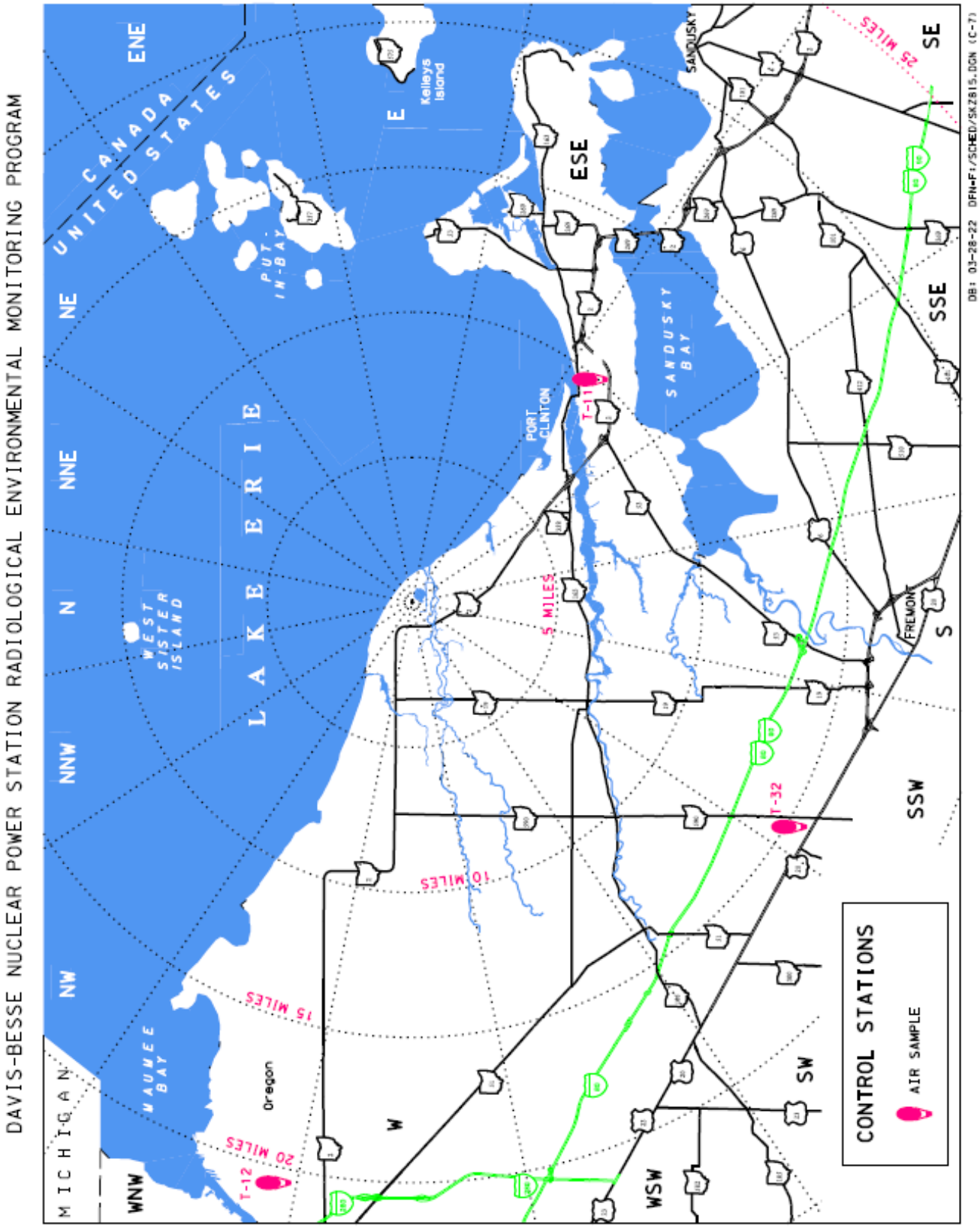

Figure 13: Air Sampler Locations Map – Control
Note: Partial year for T-12 (January – December) and T-32 (December)

Terrestrial Monitoring

The collection and analysis of groundwater, milk, and broad leaf vegetation provides data to assess the buildup of radionuclides that may be ingested by humans. These data provide information on the deposition of radionuclides from the atmosphere.

Many radionuclides are present in the environment due to sources such as cosmic radiation and fallout from nuclear weapons testing. Some of the radionuclides present are:

- **Tritium**, present as a result of the interaction of cosmic radiation with the upper atmosphere and as a result of routine releases from nuclear facilities
- **Beryllium-7**, present as a result of the interaction of cosmic radiation with the upper atmosphere
- **Cesium-137**, a manmade radionuclide which has been deposited in the environment, (for example, in surface soils) as a result of fallout from nuclear weapons testing and routine releases from nuclear facilities
- **Potassium-40,** a naturally occurring radionuclide normally found throughout the environment (including in the human body)
- **Fallout radionuclides** from nuclear weapons testing, including Strontium-89, Strontium-90, Cesium-137, Cerium-141, Cerium-144, and Ruthenium-106. These radionuclides may also be released in minute amounts from nuclear facilities.

The radionuclides listed above are expected to be present in many of the environmental samples collected in the vicinity of the Davis-Besse Station. The contribution of radionuclides from the operation of Davis-Besse is assessed by comparing sample results with pre-operational data, operational data from previous years, Control location data, and the types and amounts of radioactivity normally released from the Station in liquid and gaseous effluents.

Milk Samples

Milk sampling is a valuable tool in environmental surveillance because it provides a direct basis for assessing the buildup of radionuclides in the environment that may be ingested by humans. Milk from animals is collected and analyzed if available because it is one of the few foods commonly consumed soon after production. The milk pathway involves the deposition of radionuclides from atmospheric releases onto forage consumed by cows. The radionuclides present in the forage that cow eat are incorporated into the milk, which is then consumed by humans.

When available, milk samples are collected at Indicator and Control locations once a month from November through April, and twice a month between May and October. When grazing animals are present, sampling is increased in the summer when the herds are normally outside on pasture and not consuming stored feed. In December of 1993, Indicator location T-8 was eliminated from the sampling program, and no other Indicator milk site has existed since that time. The Control location is sampled periodically to document additional baseline data. In the event dairy animals return to the area within five miles of the station, monthly sampling will resume to include them as an Indicator site.

In 2021 two milk Control samples were analyzed for Strontium-89, Strontium-90, Iodine-131, Potassium-40 (natural), Cesium-134, Cesium-137, Barium-140, and Lanthanum-140, as well as stable Calcium and Potassium.

The manmade radionuclides Strontium-89, Strontium-90, Barium-140, Lanthanum-140, Cesium-134, and Cesium 137 were not detected above their LLDs in all samples collected. Only naturally occurring Potassum-40 was detected above its LLD.

Table 6: Milk Control Location

Sample Location Number	Type of Location	Location Description
T-24	C	Dairy, Sandusky, 21.0 miles SE of Station

C = Control

Groundwater Samples

Soil acts as a filter and an ion exchange medium for most radionuclides. However, Tritium and other radionuclides such as Ruthenium-106 have a potential to seep through the soil and could reach groundwater. Davis-Besse does not discharge its liquid effluents directly to the ground.

The Offsite Dose Calculation Manual requires that groundwater samples shall be collected when groundwater wells are used for drinking or irrigation purposes in areas where the hydraulic gradient or recharge properties are suitable for contamination. Currently are no groundwater wells near the station that are used for drinking or irrigation purposes or that are located in areas where the hydraulic gradient or recharge properties are suitable for contamination. Groundwater wells located within the Unrestricted Area Boundary are monitored in accordance with the NEI 07-07 program (reference Table 20).

REMP personnel periodically sample the groundwater wells that are closest to the station (5.3 miles) at Control sample location T-27 Magee Marsh Wildlife Area to collect data for comparison to the NEI 07-07 well data. The Control groundwater samples are analyzed for beta-emitting radionuclides, Tritium, Strontium-89, Strontium-90 and gamma-emitting radionuclides.

During the fall of 1998, the Carroll Township Water Plant began operation and offered residents a reliable, inexpensive source of high-quality drinking water. This water plant has replaced drinking water wells near Davis-Besse, as verified by the Ottawa County Health Department, and the Indicator groundwater sampling was discontinued for a year. Two beach wells were subsequently identified within five miles of the Station, however, none of them are operational today. Ottawa County Health Department was contacted and no new wells for potable water use were installed within 5-miles of the DBNPS.

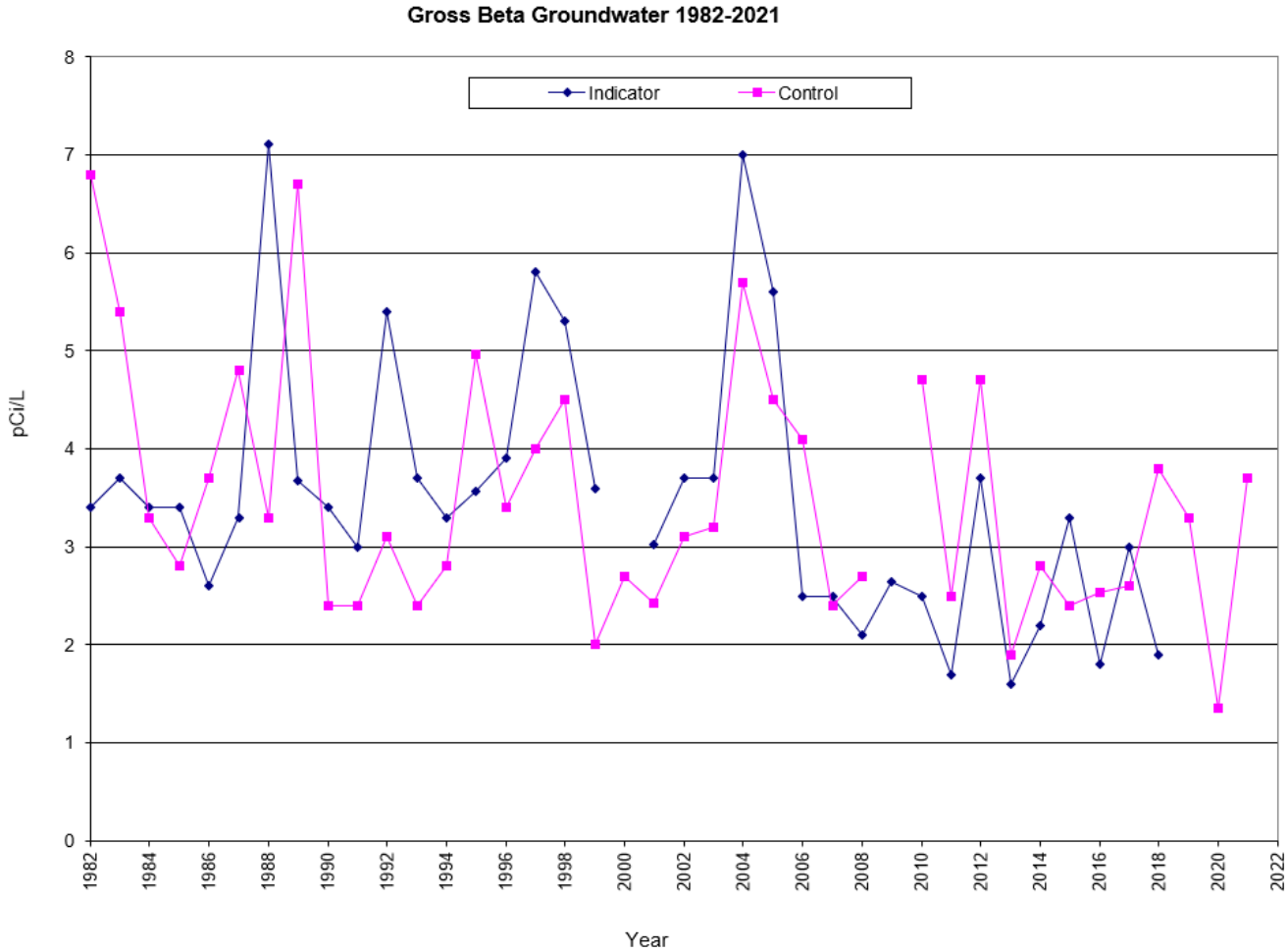

Figure 14: Gross Beta Ground Water 1982-2021. Shown above are the annual averages for gross beta activity in groundwater since 1982. There were no samples available from Indicator Monitor Wells in 2000 and no samples available from Control Monitor Wells in 2009. Indicator Monitor Wells have not been available to the REMP since 2018.

Two Control samples for gross beta activity were collected in 2021, both samples were less than the LLD (4.0 pCi/L), average minimum detectible activity from the two samples used in Figure 14. Due to the hydraulic gradient of the Davis-Besse site, groundwater flows back towards the Intake Structure. In addition, the site NEI 07-07 groundwater well Tritium results are a fraction of regulatory limits. Therefore, REMP groundwater samples and local community groundwater resources were not affected by the operation of the Davis-Besse Nuclear Power Station.

Table 7: Groundwater Monitoring Locations

Sample Location Number	Type of Location	Location Description
T-27	C	Magee Marsh Wildlife Area. Not used for irrigation or consumption.

C = Control I = Indicator

Broadleaf Vegetation Samples

Broadleaf vegetation also represents a direct pathway to humans. Broadleaf vegetation may become contaminated by deposition of airborne radioactivity (nuclear weapons fallout or airborne releases from nuclear facilities), or from irrigation water drawn from lake water which receives liquid effluents (hospitals, nuclear facilities, etc.). Radionuclides from the soil may be absorbed by the roots of the plants and become incorporated into the edible portions. During the growing season, edible broadleaf vegetation samples, such as kale and cabbage, are collected from gardens and farms in the vicinity of the Station and also from Control locations.

In 2021, broadleaf vegetation samples (cabbage and kale) were collected at two Indicator locations (T-17, T-19) and two Control locations (T-30, T-37). Broadleaf vegetation was collected once per month during the growing season. All samples were analyzed for gamma-emitting radionuclides, Strontium-89, Strontium-90, and Iodine-131.

Iodine-131 was not detected above the LLD of 0.060 pCi/g (wet) in any broadleaf samples. The only gamma-emitting radionuclide detected in the broadleaf vegetation samples was Potassium-40, which is naturally occurring. Results of broadleaf vegetation samples were similar to results observed in previous years. Strontium-89 and Strontium-90 were not detected in any sample above their respective maximum MDA* (0.019 and 0.014 pCi/g wet) in broadleaf vegetation samples at Control and Indicator locations.

Operation of Davis-Besse had no observable adverse radiological effect on the surrounding environment in 2021.

Table 8: Broadleaf Vegetation Locations

Sample Location Number	Type of Location	Location Description
T-17	I	Garden, 1.8 miles SSE of Station
T-19	I	Garden, 1.0 mile W of Station
T-30	C	Farm, 12.8 miles WNW of Station
T-37	C	Farm, 13.0 miles SW of Station

I = Indicator, C = Control

* Minimum Detectible Activity, an LLD for these radioisotopes for this matrix is not given in the Offsite Dose Calculation Manual (ODCM) Table 6-3

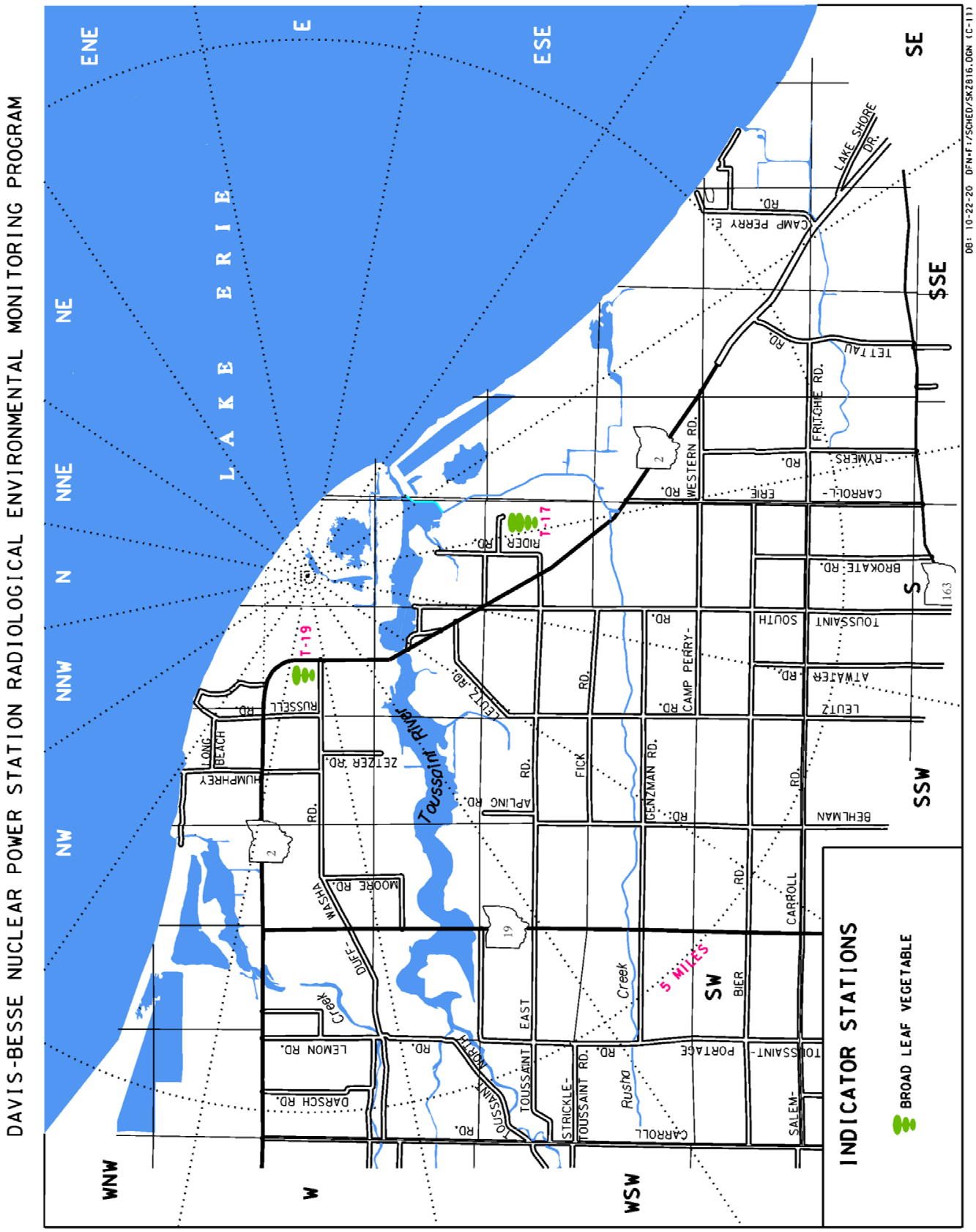

Figure 15: Broadleaf Vegetation – Indicator Map

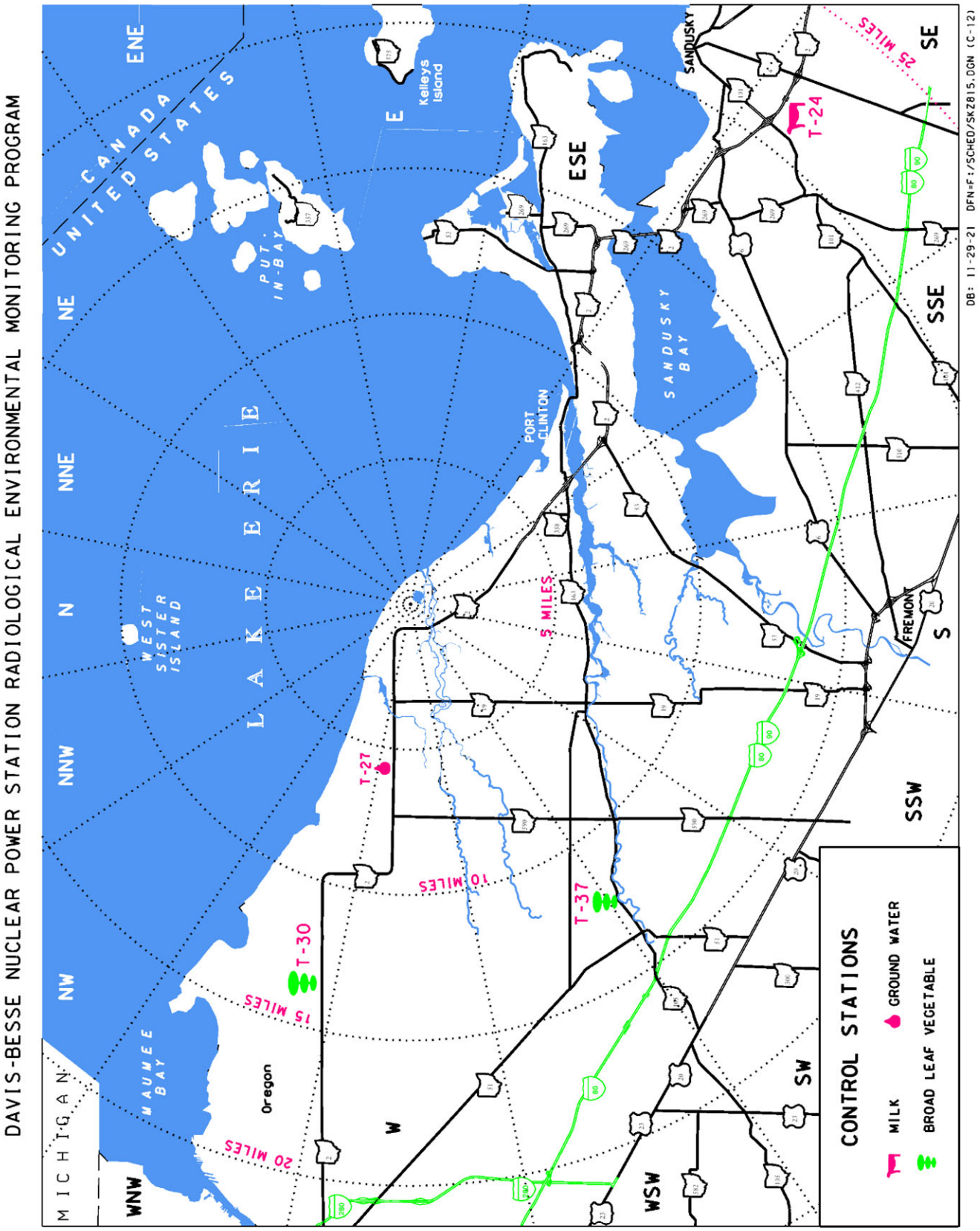

Figure 16: Terrestrial Sample Locations – Control Map

Aquatic Monitoring

Radionuclides may be present in Lake Erie from many sources including atmospheric deposition, run-off/soil erosion, and releases of radioactive material in liquid effluents from hospitals or nuclear facilities. These sources provide two forms of potential exposure to radiation, external and internal. External exposure can occur from the surface of the water, shoreline sediments and from immersion (swimming) in the water. Internal exposure can occur from ingestion of radionuclides, either directly from drinking water, or as a result of the transfer of radionuclides through the aquatic food chain with eventual consumption of aquatic organisms, such as fish. To monitor these pathways, Davis-Besse collects samples of treated surface water (drinking water), untreated surface water (lake or river water), fish, and shoreline sediments.

Treated Surface Water (Drinking Water)

Treated surface water is water from Lake Erie, which has been processed for human consumption. Radiochemical analysis of this processed water provides a direct basis for assessing the dose to humans from ingestion of drinking water.

Samples of treated surface water were collected from one Indicator (T-22B) and one Control locations (T-11). These locations include the water treatment facilities for Carroll Township and Port Clinton. Samples were collected weekly and composited monthly. The monthly composites were analyzed for beta-emitting radionuclides. The samples were also composited in a quarterly sample and analyzed for Strontium-89, Strontium-90, gamma-emitting radionuclides, and Tritium. One Quality Control sample was collected each month from one of the two routine sites on an alternating location basis.

The annual average of beta-emitting radionuclides for Indicator and Control locations was 1.3 and 1.3 pCi/l, respectively. These results are similar to previous years. Tritium was not detected above the CRDL* of 330 pCi/l in any treated surface water samples in 2021. Strontium-89 was not detected above its CRDL* of 1.1 pCi/l and Strontium-90 activity was not detected above its CRDL* of 0.9 pCi/l in any treated surface water samples in 2021. These results are similar to those of previous years and indicate that Davis-Besse has had no measurable radiological impact on treated surface water used to make drinking water in 2021.

Each month, weekly quality control samples were collected at different treated surface water sample locations. The results of the analyses from the quality control samples were within statistical agreement with the routine samples.

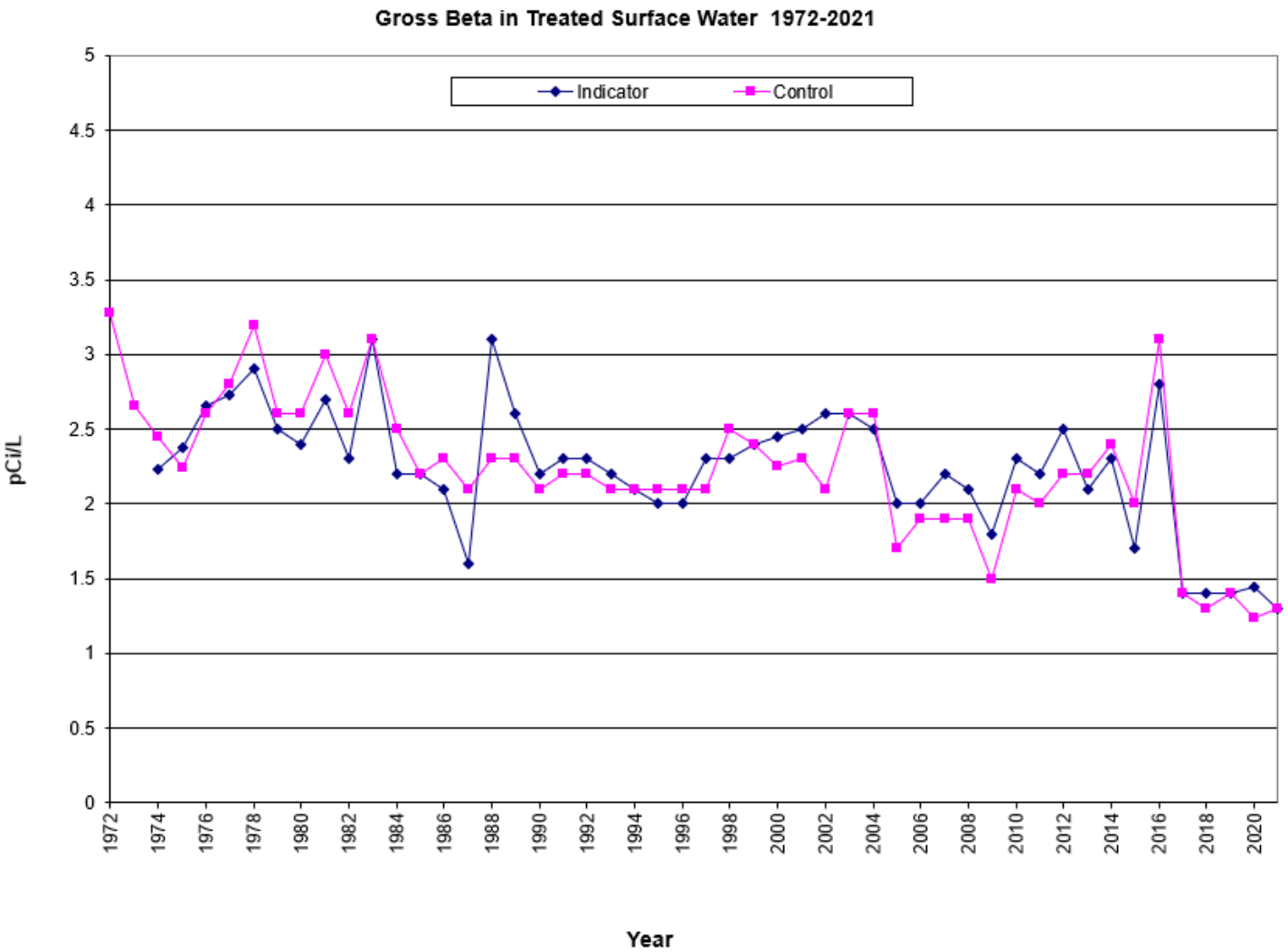

Figure 17: Gross Beta in Treated Surface Water 1972-2021. Since 1974, the annual concentrations of beta emitting radionuclides in treated surface water samples collected from Indicator locations have been consistent with those from Control locations. Davis-Besse has had no measurable radiological impact on treated surface water used to make drinking water.

* Contract Required Detection Limit, an LLD **below** the Offsite Dose Calculation Manual (ODCM) Table 6-3 LLD for this isotope and matrix or when an LLD is not provided for a radioisotope in a given sample matrix.

Table 9: Treated Surface Water Locations

Sample Location Number	Type of Location	Location Description
T-11	C	Ottawa County Regional Water Treatment Plant, 9.1 miles SE of Station
T-22B	I	Carroll Township Water Treatment Plant, sampled at Davis-Besse REMP lab
T-143	QC	Quality Control Sample

I = Indicator
C = Control
QC = Quality Control

Untreated Surface Water

Sampling and analysis of untreated surface water provides a method of assessing the dose to humans from external exposure from the lake surface as well as from immersion in the water. It also provides information on the radionuclides present, which may affect drinking water, fish, and irrigated crops.

Untreated water samples are collected, year-round, from water intakes used by nearby water treatment plants. Routine samples are collected at Port Clinton and Carroll Township. An additional Indicator sample is located at the mouth of the Toussaint River just prior to entering Lake Erie. These samples are collected weekly and composited monthly. The monthly composite is analyzed for beta-emitting radionuclides, Tritium, and gamma-emitting radionuclides. The samples are also composited quarterly and analyzed for Strontium-89 and Strontium-90. One QC sample was collected each month from one of the three routine sites on an alternating location basis.

Sample Results

For the routine untreated surface water samples taken in 2021, that are composited weekly, the beta emitting radionuclides had an average concentration of 1.6 pCi/L at Indicator locations and 1.1 pCi/L at the Control location.

A trace level of Tritium was detected in four Indicator location (T-3 and T-22) samples and in one Control location (T-11) sample of Untreated Surface Water in 2021. In each case, the Tritium

concentration was slightly above the limit of detection of 330 pCi/L and significantly below regulatory limits.

Each month, weekly composited quality control samples of untreated water were analyzed from different locations. The results of the analyses from the quality control samples were consistent with the routine samples and averaged 1.4 pCi/L for beta emitting radionuclides.

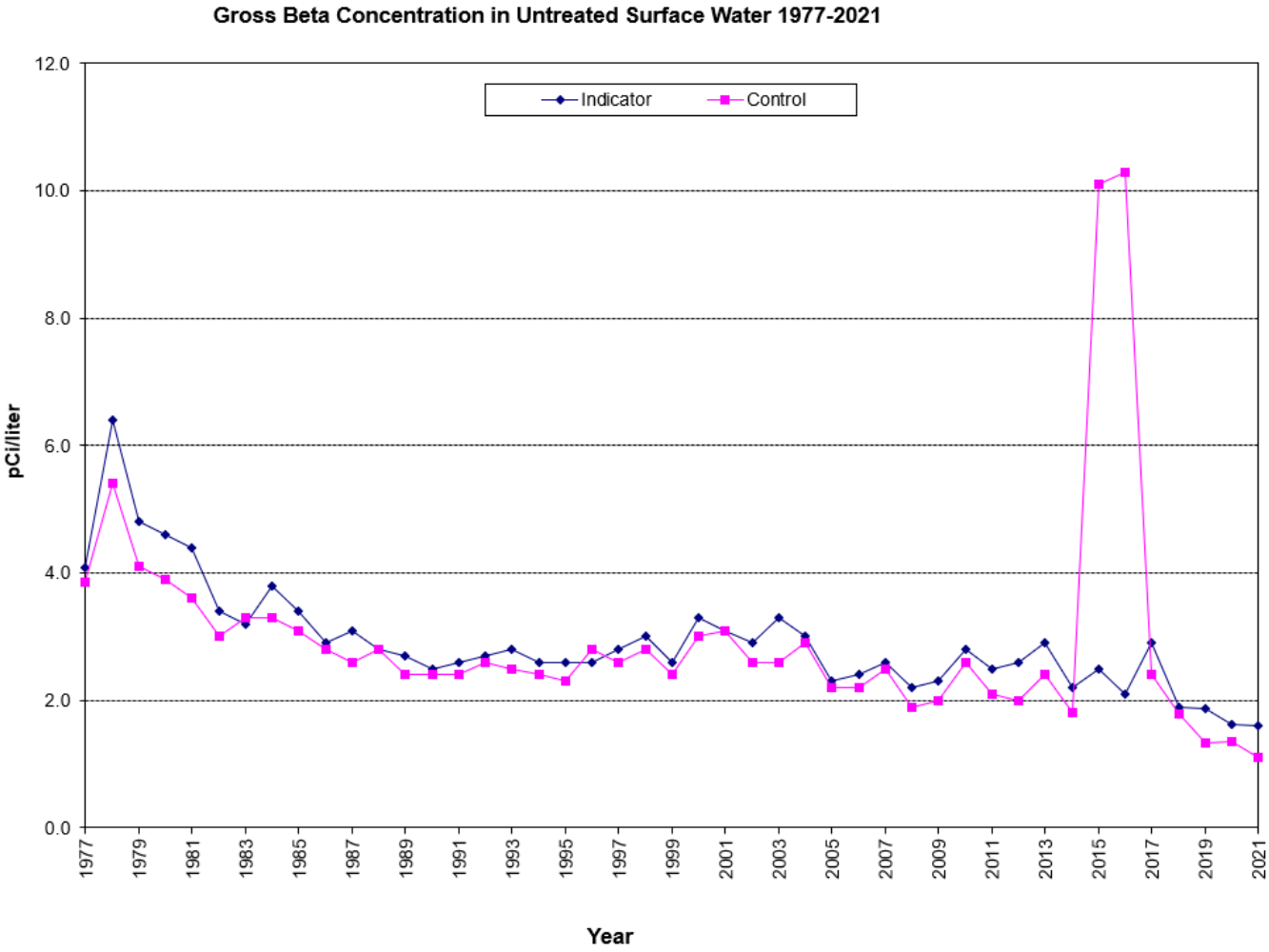

Figure 18: Gross Beta Concentration in Untreated Surface Water 1977-2021. The average concentration of beta-emitting radionuclides in Untreated Surface Water. The peaks seen in 2015 and 2016 were attributed to elevated potassium from fertilizer runoff into the Portage River.

Table 10: Untreated Surface Water Locations

Sample Location Number	Type of Location	Location Description
T-3	I	Site boundary, 1.4 miles ESE of Station
T-11	C	Ottawa County Regional Water Intake Facility, 9.5 miles SE of Station
T-22	I	Carroll Township Water Plant, State Route 2, 2.1 miles NW of Station
T-145	QC	Quality Control Sample

I = Indicator
C = Control
QC = Quality Control

Shoreline Sediment

The sampling of shoreline sediments can provide an indication of the accumulation of insoluble radionuclides which could lead to internal exposure to humans through the ingestion of fish, through re-suspension into drinking water supplies, or as an external radiation source from shoreline exposure to fishermen and swimmers.

Samples of sediments were collected at the shoreline at Indicator location T-3 and Control location T-11 and were analyzed for gamma-emitting radionuclides. Sediment sample results were similar to previous years: naturally occurring Potassium-40 was detected at both Control and Indicator locations and no other gamma-emitting isotopes were detected above their respective detection limits.

Table 11: Shoreline Sediment Locations

Sample Location Number	Type of Location	Location Description
T-3	I	Site boundary, 1.4 miles ESE of Station, at the mouth of the Toussaint River
T-11	C	Ottawa County Regional Water Intake Facility, 9.5 miles SE of Station

I = Indicator C = Control

Fish

Fish are analyzed primarily to quantify the dietary intake of radionuclides by humans, and secondarily to serve as indicators of radioactivity in the aquatic ecosystem. The principal nuclide that may be detected in fish is naturally occurring Potassium-40.

Davis-Besse collects two species of fish from sampling locations near the Station's liquid discharge point and more than ten miles away from the Station where fish populations would not be expected to be impacted by the Station operation. Walleye are collected because of being a popular recreational fish and white perch and/or white bass are collected because their importance as a commercial fish.

The average concentrations of beta-emitting radionuclides in ODCM-required fish were similar for Indicator and Control locations (3.68 pCi/g and 4.80 pCi/g wet weight, respectively). Only naturally-occurring Potassium-40 was detected, no other gamma emitters were detected above their respective LLDs.

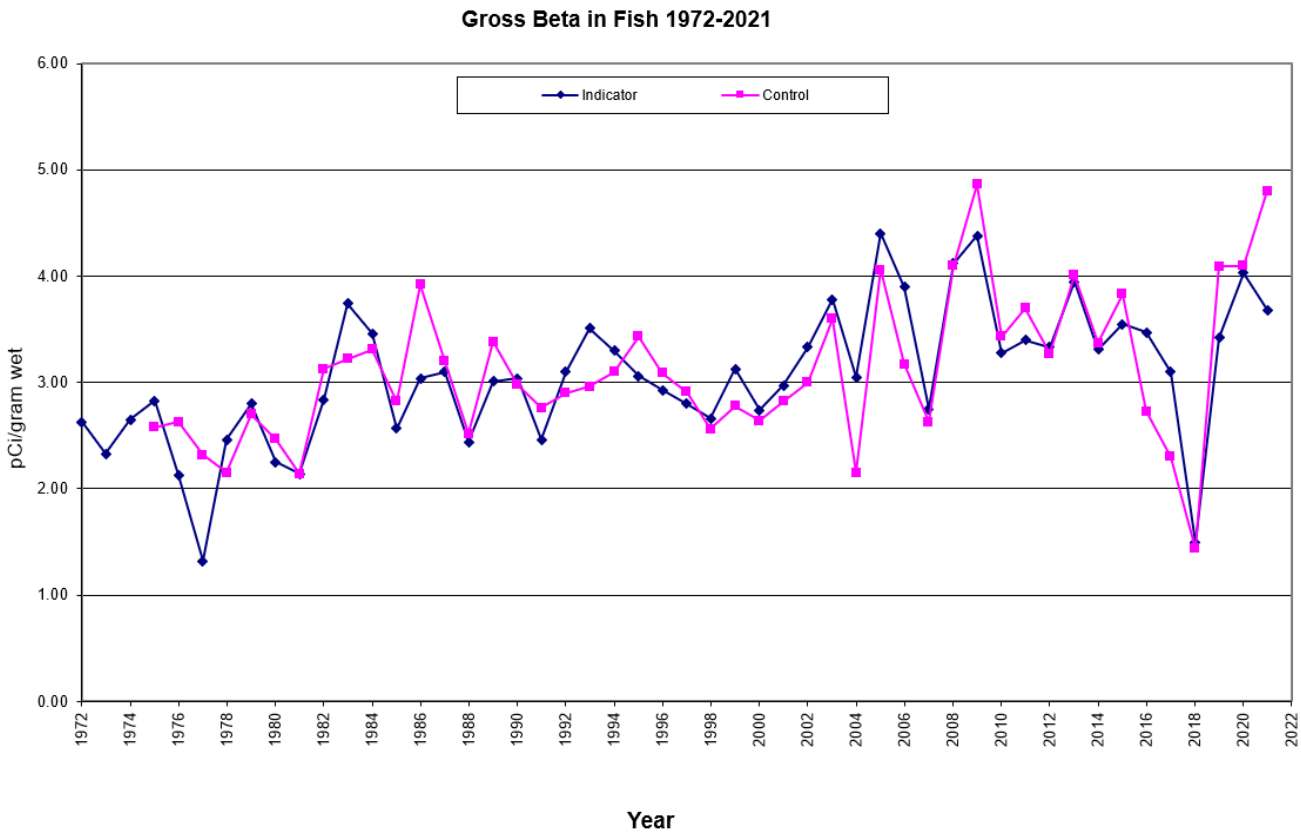

Figure 19: Gross Beta in Fish 1972-2021. Average concentrations of beta-emitting radionuclides (pCi/gram) in fish samples were similar at Indicator and Control locations and were comparable to results from previous years.

Table 12: Fish Locations

Sample Location Number	Type of Location	Location Description
T-33	I	Lake Erie, within 5 miles radius of Station
T-35	C	Lake Erie, greater than 10 mile radius of Station

I = Indicator C= Control

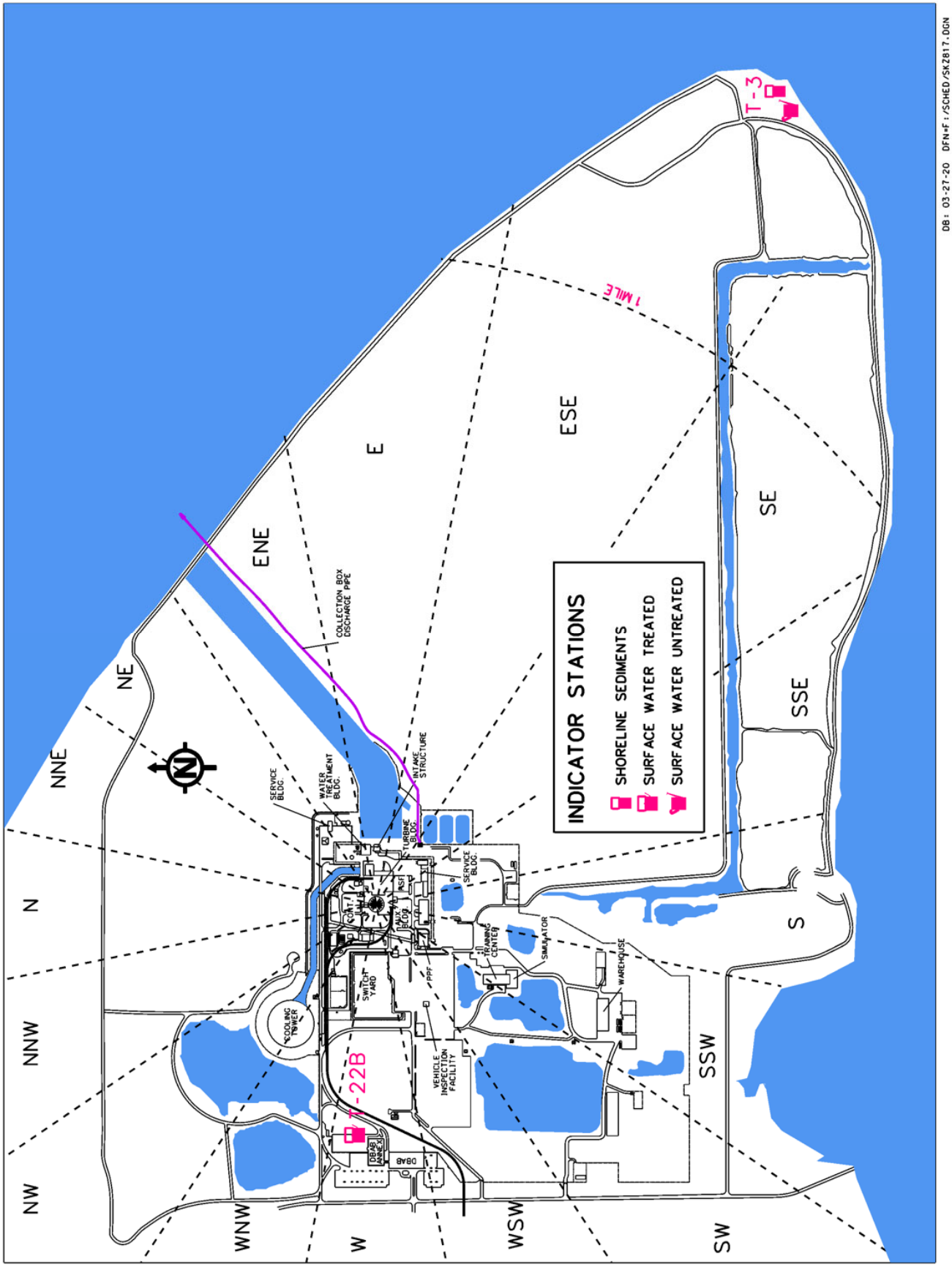

Figure 20: Aquatic Site Map

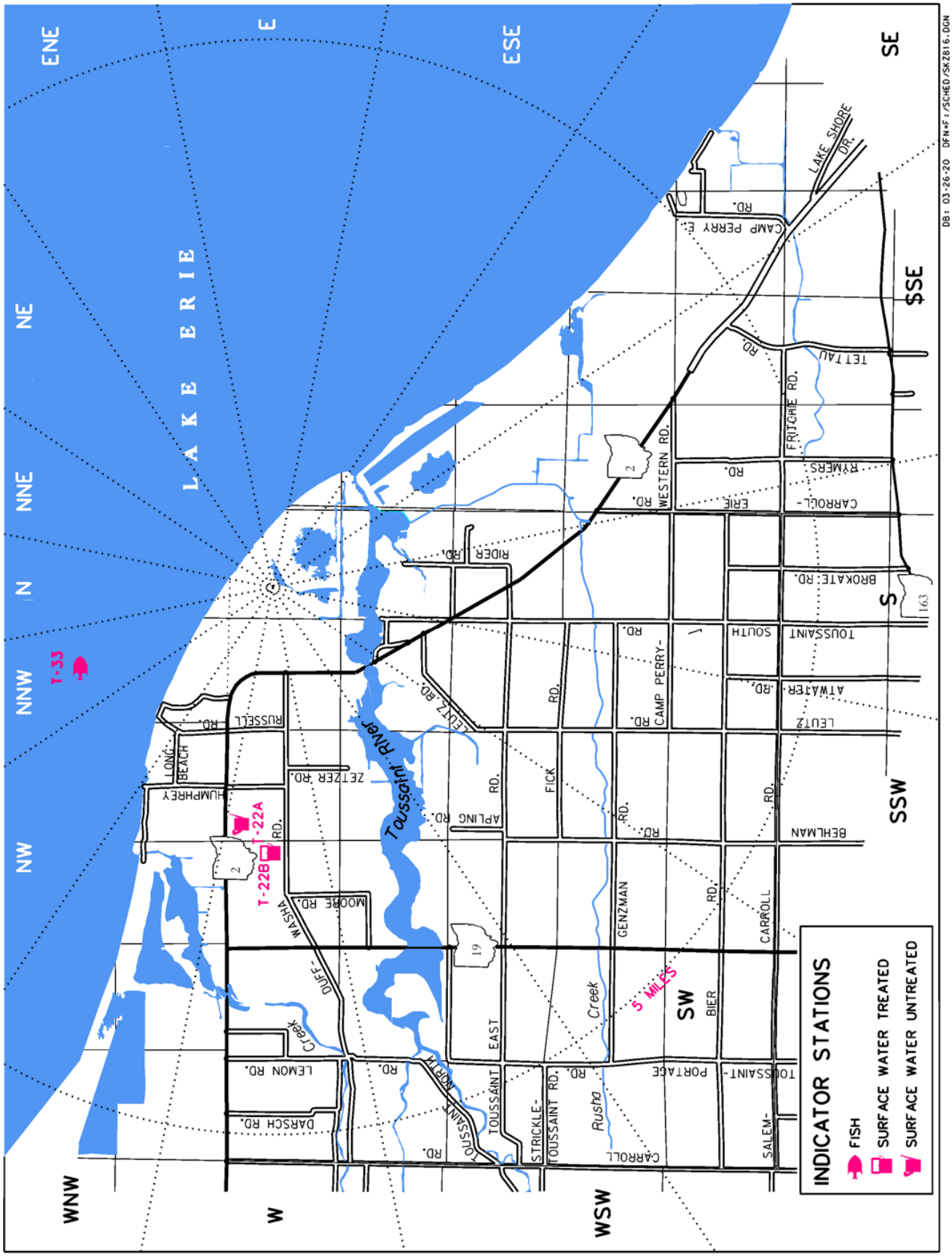

Figure 21: Aquatic 5-mile Map

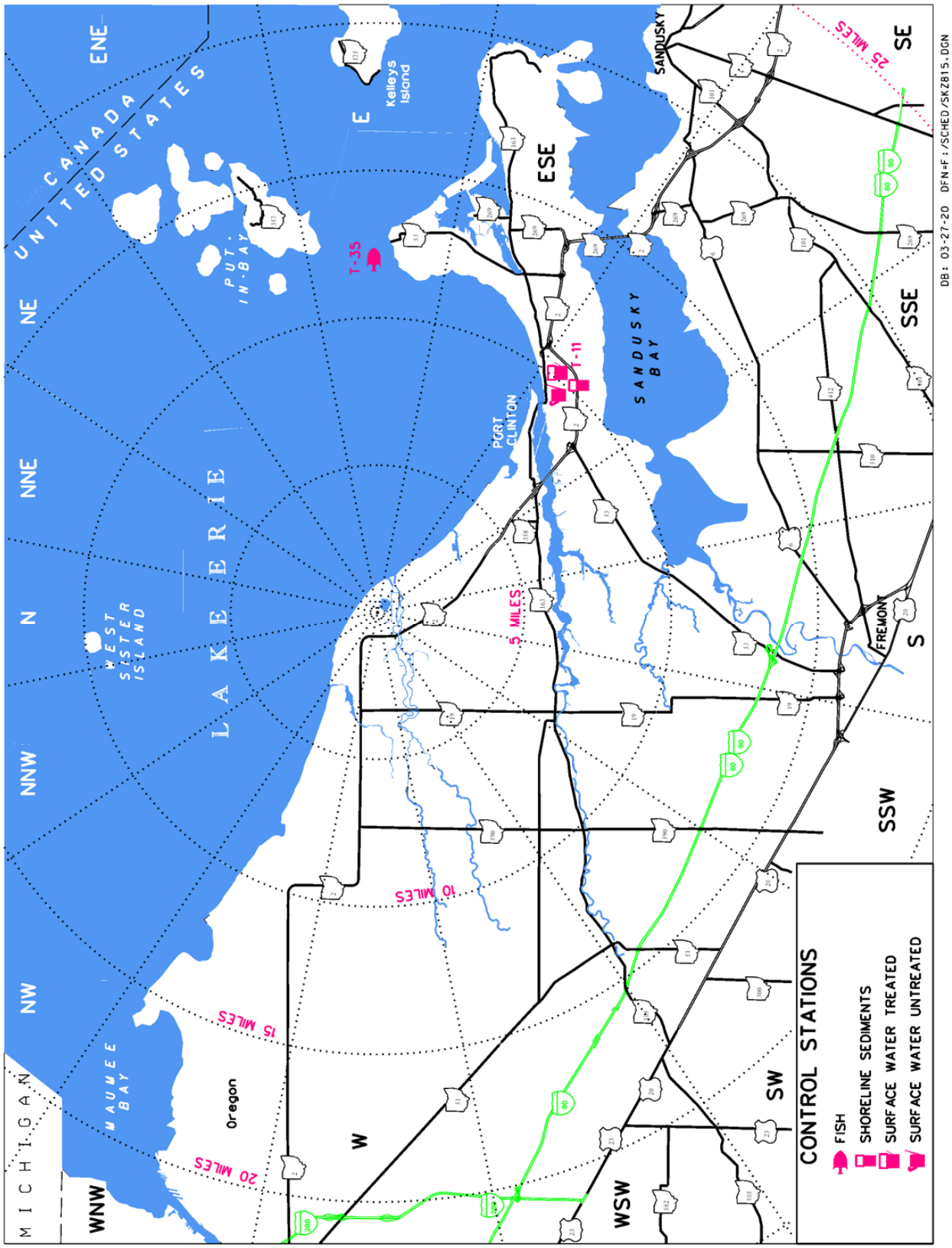

Figure 22: Aquatic 25-mile Map

Direct Radiation Monitoring

Thermoluminescent Dosimeters

Radionuclides present in the air and deposited on the ground may be a source of direct radiation to individuals. Direct radiation levels at and around Davis-Besse are constantly monitored by thermo-luminescent dosimeters (TLDs). TLDs are small devices which store radiation dose information. The TLDs used at Davis-Besse contain a Sulfate:Dysprosium ($CaSO_4$:Dy) card with four main readout areas. Multiple readout areas are used to ensure the precision of the measurements.

Thermoluminescence is a process in which ionizing radiation interacts with phosphor, which is the sensitive material in the TLD. Energy is trapped in the TLD material and can be stored for several months or years. This provides an excellent method to measure the dose received over long periods of time. The energy that was stored in the TLD as a result of interaction with radiation is released and measured by a controlled heating process in a calibrated TLD-reader system. As the TLD is heated, the phosphor releases the stored energy in the form of light. The amount of light detected is directly proportional to the amount of radiation to which the TLD was exposed. The reading process re-zeroes the TLD and prepares it for reuse.

TLD Collection

Davis-Besse has 64 TLD locations (48 Indicator, 5 Control, 5 Special Interest, and 6 Quality Control). TLDs are collected and replaced on a quarterly basis. All ODCM TLDs placed in the field were retrieved and evaluated during the current reporting period.

The average quarterly dose for TLDs at Indicator locations was 14.9 mRem/91-days, and for Control locations was 15.9 mRem/91-days. Evaluation of quarterly TLDs can be used to determine the Facility Related Dose (FRD – actual amount of dose detected in a monitoring period above background attributed to the facility) for each measuring location. Davis-Besse Indicator sampling locations includes two inner ring TLDs in each meteorological sector in the general area of the Unrestricted Area Boundary, as well as two TLDs in each outer ring sector (excluding those sectors that extend into Lake Erie) located 6 to 8 km from the station. Control TLDs are also placed in special interest areas (Sand Beach and Long Beach local communities, Oak Harbor, and Port Clinton). The evaluation of FRD at each TLD location determined that all quarterly and annual doses in 2021 were considered as “non-detectable”. No increase above natural background radiation attributable to the operation of Davis-Besse was observed in 2021.

Quality Control TLDs

Duplicate TLDs have been placed at five sites. These TLDs are placed in the field at the same time and location as some of the routine TLDs, but are assigned quality control site numbers. This allows for multiple measurements at the location without the laboratory being aware that they are the same. A comparison of the quality control and routine results provides a method to check the accuracy of the measurements. The average quarterly dose for quality control TLDs 12.7 mRem/91-days and were, on average, within 0.22 mRem/91-days of the Environmental TLDs with which they were co-located.

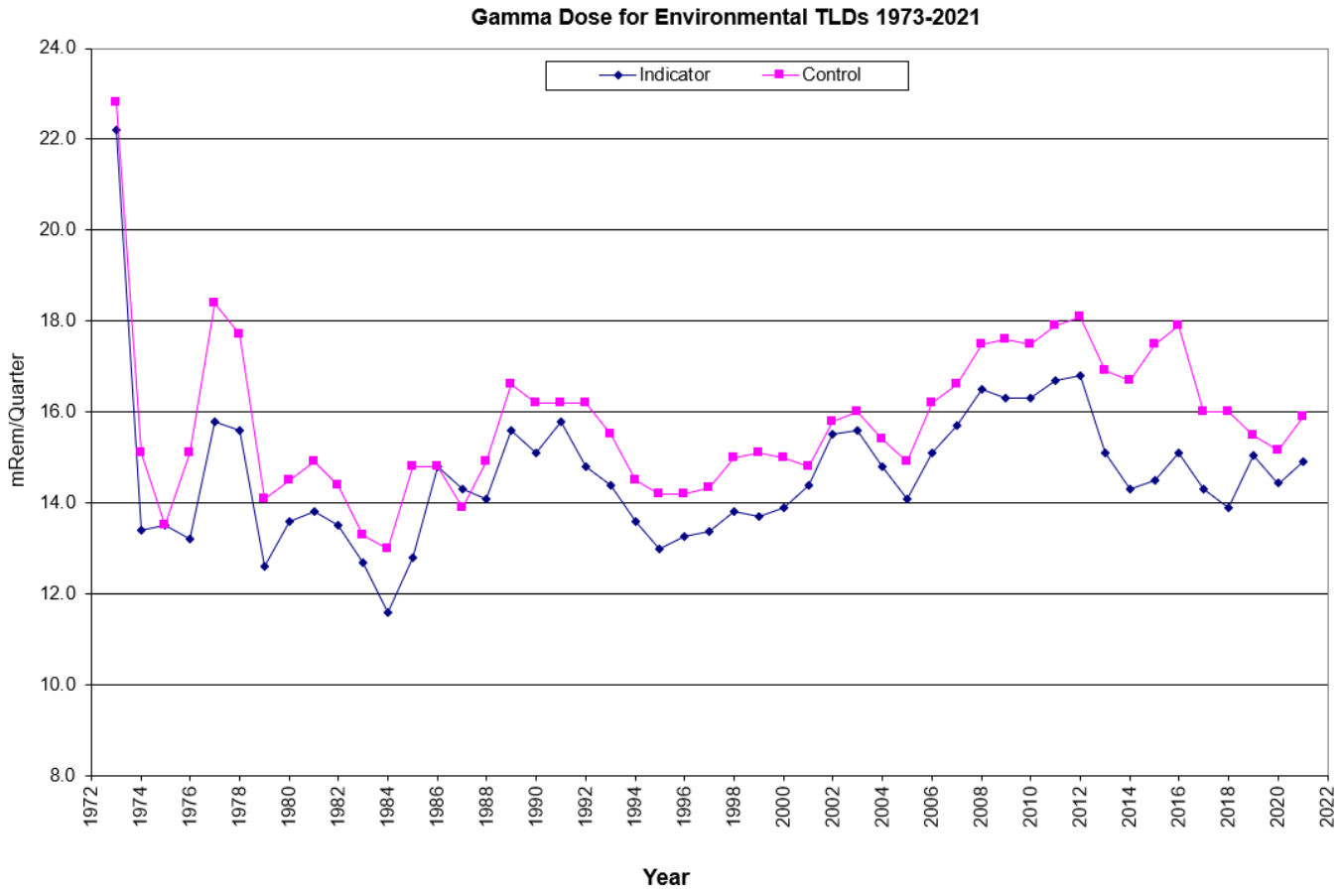

Figure 23: Gamma Dose for Environmental TLDs 1973 – 2021. The similarity between Indicator and Control results demonstrates that the operation of Davis-Besse has not caused any abnormal gamma dose. Calculated Facility-Related Dose at all Indicator and Control TLD locations was non-detectable.

Table 13: Thermoluminescent Dosimeter Locations

Sample Location Number	Type of Location	Location Description
T-1	I	Site boundary, 0.6 miles ENE of Station
T-2	I	Site boundary, 0.9 miles E of Station
T-3	I	Site boundary, 1.4 miles ESE of Station
T-4	I	Site boundary, 0.8 miles S of Station
T-5	I	Site boundary, 0.5 miles W of Station
T-6	I	Site boundary, 0.5 miles NNE of Station
T-7	SI	Sand Beach entrance, 0.9 miles NW of Station
T-9	C	Oak Harbor Substation, 6.8 miles SW of Station
T-10	I	Site boundary, 0.5 miles SSW of Station near Warehouse
T-11	C	Ottawa County Regional Water Treatment Plant, 9.5 miles SE of Station
T-12	C	Toledo Water Treatment Plant, 20.7 miles WNW of Station
T-27	C	Magee Marsh, 5.3 miles WNW of Station
T-38	I	Site boundary, 0.6 miles ENE of Station
T-40	I	Site boundary, 1.1 miles SE of Station
T-41	I	Site boundary, 0.8 miles SSE of Station
T-42	I	Site boundary, 0.6 miles SW of Station
T-43	I	Site boundary, 0.5 miles SW of Station
T-44	I	Site boundary, 0.5 miles WSW of Station
T-45	I	Site boundary, 0.5 miles WNW of Station

Table 13: Thermoluminescent Dosimeter Locations (continued)

Sample Location Number	Type of Location	Location Description
T-46	I	Site boundary, 0.5 miles NW of Station
T-47	I	Site boundary, 0.5 miles N of Station
T-48	I	Site boundary, 0.5 miles NE of Station
T-49	I	Site boundary, 0.5 miles NE of Station
T-51	I	Utility Pole, 4.2 miles SSE of Station
T-52	I	Utility Pole, 4.2 miles S of Station
T-54	I	Utility Pole, 4.2 miles SW of Station
T-55	I	Utility Pole, 4.0 miles W of Station
T-60	I	Site boundary, 0.7 miles S of Station
T-62	I	Site boundary, 1.0 mile SE of Station
T-67	I	Site boundary, 0.4 miles NNW of Station
T-68	I	Site boundary, 0.5 miles WNW of Station
T-69	I	Site boundary, 0.4 miles W of Station
T-71	I	Site boundary, 0.5 mile NNW of Station
T-73	I	Site boundary, 0.5 mile WSW of Station
T-74	I	Site boundary, 0.5 mile SSW of Station
T-80	QC	Quality Control Site
T-83	QC	Quality Control Site
T-84	QC	Quality Control Site
T-87	QC	Quality Control in lead pig DBAB Annex

Table 13: Thermoluminescent Dosimeter Locations (continued)

Sample Location Number	Type of Location	Location Description
T-100	C	Ottawa County Highway Garage, Oak Harbor, 6.0 miles S of Station
T-113	QC	Quality Control Site
T-124	SI	Lake Street, Ottawa Co. Agricultural Complex 6.0 miles SSW of Station
T-125	I	Behlman and Bier Roads, 4.4 miles SSW of Station
T-126	I	Utility pole, 4.4 miles S of Station
T-127	I	Camp Perry Western and Rymers Road, 4.0 miles SSE of Station
T-128	I	Erie Industrial Park, Port Clinton Road, 4.0 miles SE of Station
T-142	I	Site Boundary, 0.8 miles SSE of Station
T-150	SI	Humphrey and Hollywood Roads, 2.1 miles NW of Station
T-154	I	Utility Pole, 4.0 miles SW of Station
T-155	SI	Fourth and Madison Streets, Port Clinton, 9.5 miles SE of Station
T-200	QC	Quality Control Site
T-201	SI	Sand Beach, 1.1 miles NNW of Station
T-203	I	Sand Beach/Site Boundary, 0.7 miles N of Station
T-206	I	Site Boundary, 0.6 miles NW of Station

Table 13: Thermoluminescent Dosimeter Locations (continued)

Sample Location Number	Type of Location	Location Description
T-208	I	Site Boundary, 0.5 miles NNE of Station
T-211	I	Site boundary, 0.8 miles E of Station
T-212	I	Site boundary, 1.2 miles ESE of Station
T-217	I	Utility Pole, 4.2 miles SSW of Station
T-218	I	Toussaint East Rd., 4.0 miles WSW of Station
T-219	I	Toussaint Portage Rd., 4.8 miles WSW of Station
T-220	I	Duff-Washa Rd., 4.6 miles W of Station
T-221	I	Magee Marsh, 5.0 miles WNW of Station
T-222	I	Turtle Creek Access, 3.8 miles WNW of Station
T-224	I	Erie Industrial Park, 4.4 miles SE of Station

I = Indicator
C = Control
QC = Quality Control
SI = Special Interest

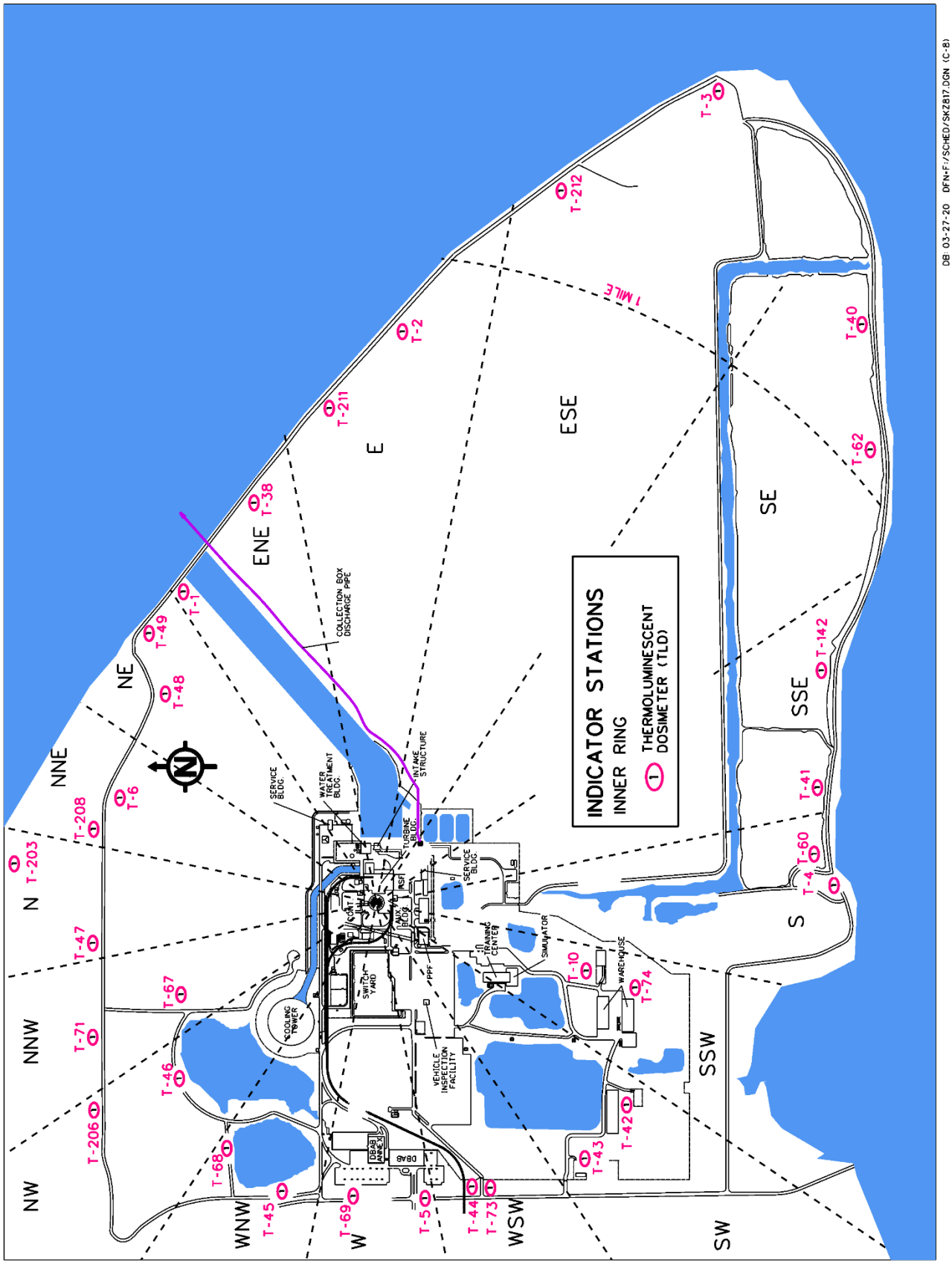

Figure 24: TLD Site Map

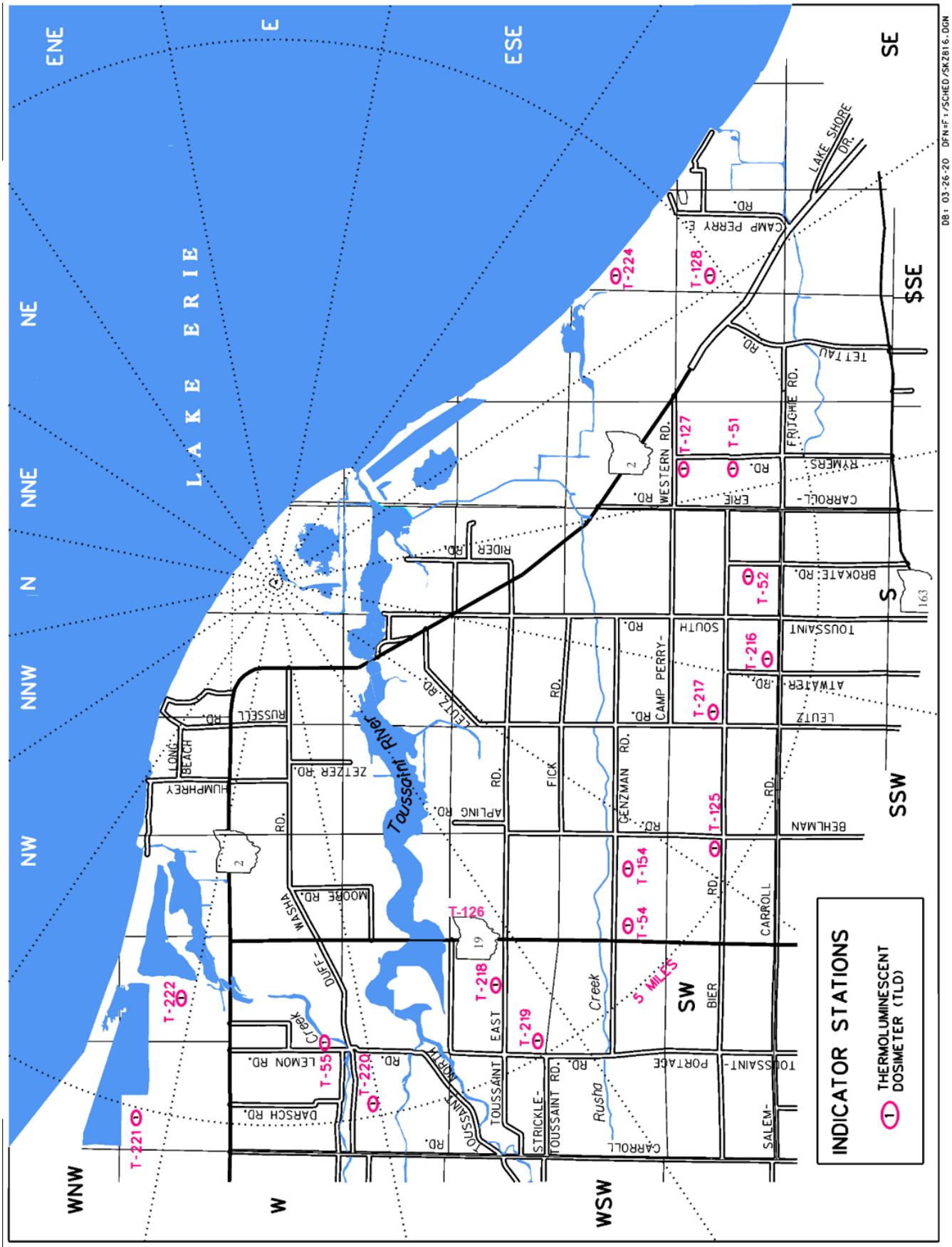

Figure 25: TLD 5-mile Map

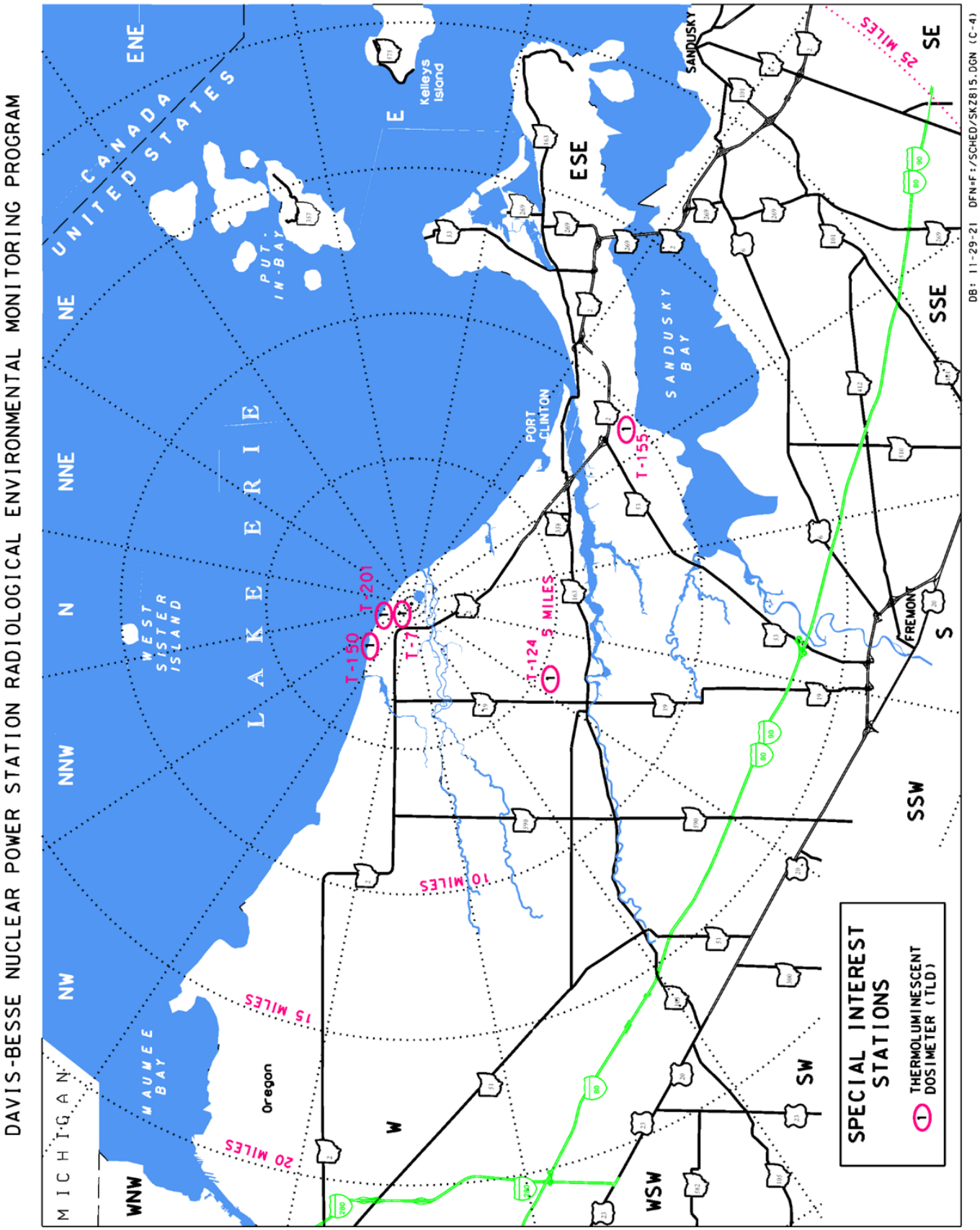

Figure 26: TLD 25-mile Special Interest Locations Map

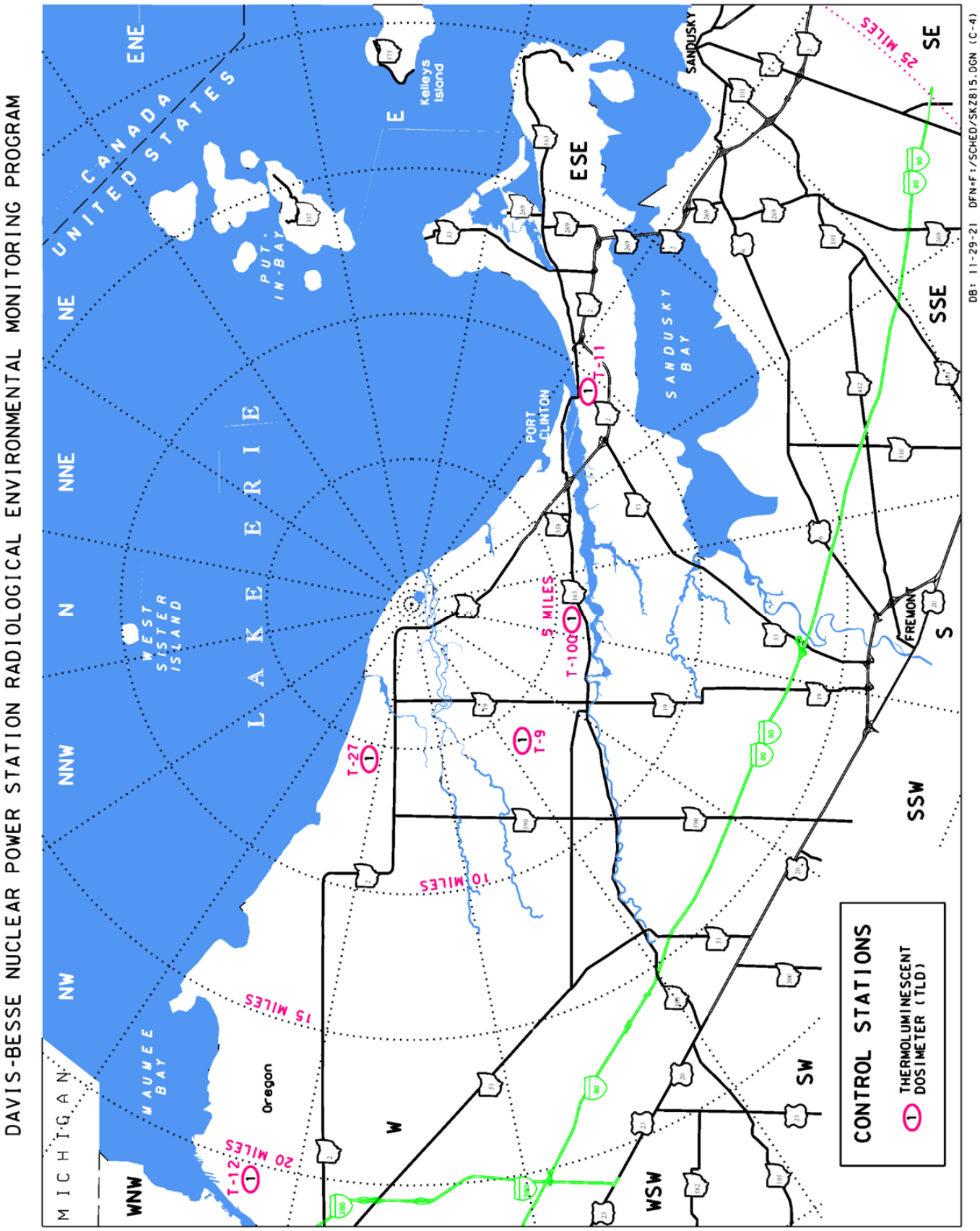

Figure 27: TLD 25-mile Control Locations Map

Conclusion

The Radiological Environmental Monitoring Program at Davis-Besse is conducted to determine the radiological impact, if any, of the Station's operation on the environment. Radionuclide concentrations measured at Indicator locations were compared with concentrations measured at Control locations in previous operational studies and in the pre-operational surveillance program. These comparisons indicate normal concentrations of radioactivity in all environmental samples collected in 2021. Davis-Besse's operation in 2021 indicated no adverse radiological impact on the residents and environment surrounding the station. The results of the sample analyses performed during the period of January through December 2021 are summarized in Appendix C of this report.

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Radioactive Effluent Release Report January 1 through December 31, 2021

Protection Standards

Soon after the discovery of x-rays in 1895 by Wilhelm Roentgen, the potential hazards of ionizing radiation were recognized, and efforts were made to establish radiation protection standards. The primary source of recommendations for radiation protection standards within the United States is the National Council on Radiation Protection and Measurement (NCRP). Many of these recommendations have been given legislative authority by being published in the Code of Federal Regulations by the Nuclear Regulatory Commission (Title 10).

The main objective in the control of radiation is to ensure that any dose is kept not only within regulatory limits, but also As Low As Reasonably Achievable (ALARA). The ALARA principle applies to reducing radiation dose both to the individual working at Davis-Besse and to the general public. "Reasonably achievable" means that exposure reduction is based on sound economic decisions and operating practices. By practicing ALARA, Davis-Besse minimizes health risk and environmental detriment and ensures that doses are maintained well below regulatory limits.

Sources of Radioactivity Released

During the normal operation of a nuclear power station, most of the fission products are retained within the fuel and fuel cladding. However, small amounts of radioactive fission products and trace amounts of the component and structure surfaces, which have been activated, are present in the primary coolant water. The types of radioactive material released by the facility are noble gases, Iodine and particulates, and Tritium.

The noble gas fission products in the primary coolant are given off as a gas when the coolant is depressurized. These gases are then collected by a system designed for gas collection and stored for radioactive decay prior to release.

Small releases of radioactivity in liquids may occur from valves, piping or equipment associated with the primary coolant system. These liquids are collected through a series of floor and equipment drains and sumps. All liquids of this nature are monitored and processed, if necessary, prior to release.

Noble Gases

Some of the fission products released in airborne effluents are radioactive isotopes of noble gases, such as Xenon (Xe) and Krypton (Kr). Noble gases are biologically and chemically inert, so they do not concentrate in humans or other organisms, however, radioisotopes of these novel gases contribute to human radiation dose by being an external source of radiation exposure to the body. The radioisotopes Xe-133 and Xe-135, with half-lives of approximately five days and nine hours respectively, are the major radioactive noble gases released and are readily dispersed in the atmosphere.

Iodine and Particulates

Annual releases of radioisotopes of Iodine, and those radioactive particulates with half-lives greater than eight (8) days, in gaseous and liquid effluents are small. Factors such as their high chemical reactivity and solubility in water, combined with the high efficiency of gaseous and liquid processing systems, minimize their discharge. The predominant radioiodine released is Iodine-131 with a half-life of approximately eight days. The main contribution of radioactive Iodine to human dose is to the thyroid gland, where the body concentrates Iodine.

The principal radioactive particulates released are fission products (e.g., Cesium-134 and Cesium-137) and activation products (e.g., Cobalt-58 and Cobalt-60). Radioactive Cesium and Cobalt contribute to internal radiation exposure of tissues such as muscle, liver, and the intestines. These radioactive particulates are also a potential source of external radiation exposure.

Tritium

Tritium (H-3), a low-energy pure beta emitting radioisotope of Hydrogen, is the predominant radionuclide in liquid and gaseous effluents. Tritium is produced in the reactor coolant as a result of neutron interaction with deuterium (also a Hydrogen isotope) present in the water and with the Boron in the primary coolant. When Tritium, in the form of water or water vapor, is ingested or inhaled it is dispersed throughout the body until eliminated.

Carbon-14

Carbon-14 (C-14) is a naturally occurring isotope of carbon produced in the atmosphere by cosmic rays. Its concentration in the environment was significantly increased by nuclear weapons testing in the 1950s and 1960s. It is also produced in nuclear power production in much smaller quantities.

C-14 is a low-energy pure beta emitter and generates no dose from direct radiation. Its predominant exposure pathway is through ingestion of produce which has incorporated C-14 into plant matter via the chemical form of CO_2 during photosynthesis.

Processing and Monitoring

Effluents are strictly controlled to ensure radioactivity released to the environment is minimal and does not exceed regulatory limits. Effluent control includes the operation of monitoring systems, in-plant and environmental sampling and analysis programs, quality assurance programs for effluent and environmental programs, and procedures covering all aspects of effluent and environmental monitoring.

The radioactive waste treatment systems at Davis-Besse are designed to collect and process the liquid and gaseous wastes that contain radioactivity. For example, the Waste Gas Decay Tanks allow radioactivity in gases to decay, i.e., greatly lower their level of radioactivity, prior to release via the Station Vent.

Radioactivity monitoring systems are used to ensure that all releases are below regulatory limits. These instruments provide a continuous indication of the radioactivity present. Each instrument is equipped with alarms and indicators in the control room. The alarm setpoints are low enough to ensure the limits will not be exceeded. If a monitor alarms, a release from a tank is automatically stopped.

All wastes are sampled prior to release and analyzed to identify the specific concentration of the radionuclides. Sampling and analysis provide a more sensitive and precise method of determining effluent composition than can be accomplished with monitoring instruments.

The Davis-Besse meteorological tower is located at the southwest sector of the owner-controlled area. Instruments on the meteorological tower, e.g., those that measure wind speed and wind direction, are linked to computers that record the data. Site meteorological data are used with effluent release data to calculate the dose to the public. Beyond the plant, devices maintained in conjunction with the Radiological Environmental Monitoring Program continuously sample the air in the surrounding environment. Frequent samples of other environmental media, such as water and vegetation, are taken to determine if buildup of deposited radioactive material has occurred in the areas adjacent to the facility.

Exposure Pathways

Radiological exposure pathways define the methods by which people may become exposed to radioactive material. The exposure pathways of concern are those which could cause the highest calculated radiation dose. These projected pathways are determined from the type and amount of radioactive material released, the environmental transport mechanism, and the use of the environment. The environmental transport mechanism includes consideration of physical factors, such as the hydrological (water) and meteorological (weather) characteristics of the area. An annual average of the water flow, wind speed, and wind direction are used to evaluate how the radionuclides will be distributed in an area for liquid or gaseous releases. A major consideration in evaluating the exposure pathways is the use of the environment. Many factors are considered, such as dietary intake of the residents, recreational use of the area, and the locations of homes and farms in the area relative to the facility.

The external and internal exposure pathways considered are shown in Figure 27. The release of radioactive gaseous effluents involves pathways such as external whole-body exposure, deposition of radioactive material on plants, deposition on soil, inhalation by animals destined for human consumption, and inhalation by humans. The release of radioactive material in liquid effluents involves pathways such as drinking water, fish, and direct exposure from the lake at the shoreline while swimming.

Although radionuclides can reach humans by many different pathways, some result in more dose than others. The critical pathway is the exposure route that will provide, for a specific radionuclide, the greatest dose to a population, or to a specific group of the population called the critical group. The critical group may vary depending on the radionuclides involved, the age and diet of the group, or other cultural factors. The dose may be delivered to the whole body or to a specific organ. The organ receiving the greatest fraction of the dose is called the critical organ.

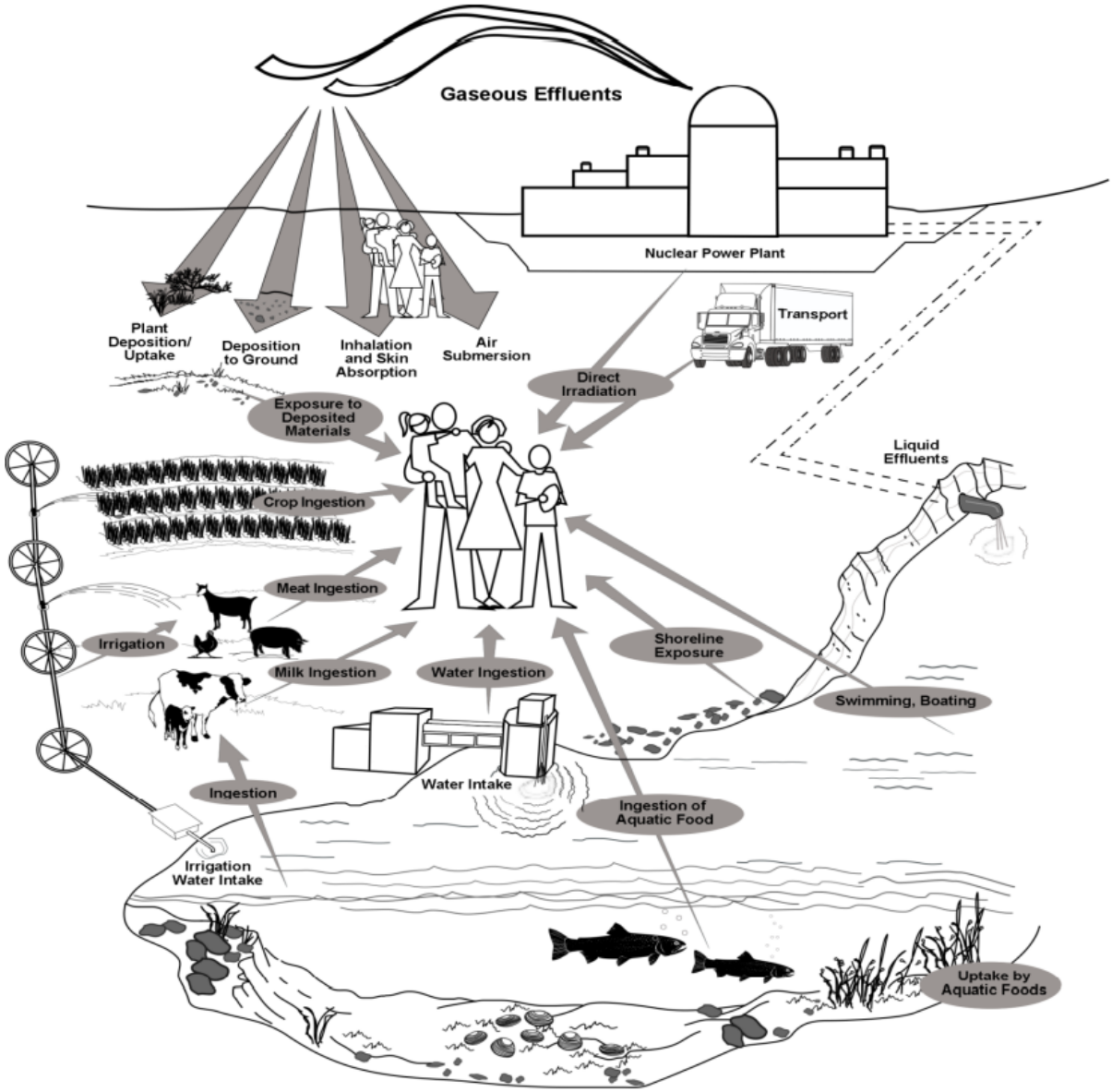

Figure 28: Exposure Pathways. The exposure pathways shown here are monitored through the Radiological Environmental Monitoring Program (REMP) and are considered when calculating doses to the public.

Dose Assessment

Dose is the energy deposited by ionizing radiation in an exposed individual. Whole body exposure to radiation involves the exposure of all organs. Exposure to background radiation from natural sources is the primary source of dose to the public. Radioactive and non-radioactive elements can enter the body through inhalation or ingestion; when this happens, the elements are usually not evenly distributed. For example, Iodine concentrates in the thyroid gland, Cesium collects in muscle and liver tissue, and Strontium collects in the bone.

The total dose to organs from a given radioisotope depends on the amount energy released when the radioisotope decays in the organ and the length of time that those radioisotopes remain there. Some radioisotopes remain for short times due to their rapid radioactive decay and/or elimination rate from the body. Radionuclides with long half-lives and slow removal rates may remain in the body for longer periods of time.

The dose to the general public in the area surrounding Davis-Besse is calculated for each liquid or gaseous release. The dose due to radioactive material released in gaseous effluents is calculated using factors such as the amount of radioactive material released, the concentration beyond the site boundary, the average weather conditions at the time of the release, the locations of exposure pathways (e.g., cow milk, goat milk, vegetable gardens and residences), and usage factors (e.g., inhalation, food consumption). The dose due to radioactive material released in liquid effluents is calculated by using factors such as the total volume of the liquid released, the total volume of dilution water (near field dilution), and usage factors, such as water and fish consumption, and shoreline and swimming factors. These calculations produce a conservative estimation of the dose to the public from the release.

Results

The Radioactive Effluent Release Report is a detailed listing of radioactivity released from the Davis-Besse Nuclear Power Station during the period from January 1 through December 31, 2021.

- Summary of the quantities of radioactive material released in gaseous and liquid effluents (Tables 14-18)
- Summary of the quantities of radioactive material contained in solid waste packaged and shipped for offsite disposal at federally approved sites (Table 19)
- Site Integrated Ground-Water Monitoring Program results are listed in Table 20.
- Summary of doses due gaseous releases are listed in Table 21.
- Summary of doses due liquid releases are listed in Table 22.
- Summary of annual dose to maximally exposed member of the public is listed in Table 23.

During this reporting period, the maximum individual offsite dose due to radioactivity released in effluents was:

Liquid Effluents:

- 5.42E-03 mRem, maximum individual whole-body dose
- 5.43E-03 mRem, maximum individual significant organ dose (Liver)

Gaseous Effluents:

Noble Gas:

- 0.00E+00 mRem, whole body
- 0.00E+00 mrad, skin

Iodine - 131, Tritium, Carbon-14, and Particulates with Half-Lives greater than 8 Days:

- 3.26E-01 mRem, whole body
- 1.60E-00 mRem, significant organ dose (Bone)

These doses are a small fraction of the limits set by the NRC in the Davis-Besse Offsite Dose Calculation Manual (ODCM). Additional normal release pathways from the secondary system exist. For gaseous effluents, these pathways include the Auxiliary Feed Pump Turbines exhaust, the main steam safety valve system and the atmospheric vent valve system, steam packing exhaust and main feed water. For liquid effluents, the additional pathways include the Turbine Building drains via the settling basins. Releases via these pathways are included in the normal release tables in this report.

Regulatory Limits

Gaseous Effluents

In accordance with the ODCM, dose rates due to radioactivity released in gaseous effluents from the site to areas at and beyond the site boundary shall be limited to the following:

Noble gases:

- Released at a rate equal to or less than 500 mRem TEDE per year.
- Released at a rate such that the total dose to the skin will be less than or equal to 3000 mRem per year.

Iodine-131, Tritium, and all radionuclides in particulate form with half-lives greater than eight (8) days:

- Released at a rate such that the total dose to any organ will be less than or equal to 1500 mRem per year.

In accordance with 10CFR50, Appendix I, Sec. IIB. 1, air dose due to radioactivity released in gaseous effluents to areas at and beyond the site boundary shall be limited to the following:

- Less than or equal to 10 mrad total for gamma radiation and less than or equal to 20 mrad total for beta radiation in any calendar year.

In accordance with 10CFR50, Appendix I, Sec. IIC, dose to a member of the public from Iodine-131, Tritium, and all radionuclides in particulate form with half-lives greater than 8 days in gaseous effluents released to areas at and beyond the site boundary shall be limited to the following:

- Less than or equal to 15 total mRem to any organ in any calendar year.

Carbon-14

Carbon-14 (C-14) is calculated based on station power production. The C-14 doses are based on a calculated value of 3.16 Ci of C-14 as CO_2 released from Davis-Besse through the Station Vent during 2021.

Liquid Effluents

In accordance with 10CFR50, Appendix I, Sec IIA, the dose or dose commitment to a member of the public from radioactivity in liquid effluents released to unrestricted areas shall be limited to accumulated doses of:

- Less than or equal to 3 mRem to the total body and
- less than or equal to 10 mRem to any organ in any calendar year.

Effluent Concentration Limits

The Effluent Concentration Limits (ECs) for gaseous and liquid effluents at and beyond the site boundary are listed in 10CFR20, Appendix B, Table 2, Columns 1 and 2, with the most restrictive EC being used in all cases. For dissolved and entrained gases in liquids, the EC of 2.0E-04 uCi/ml is applied. This EC is based on the Xe-135 DAC of 1E-05 uCi/ml of air (submersion dose) con-

verted to an equivalent concentration in water as discussed in the International Commission on Radiological Protection (ICRP), Publication 2.

Average Energy

The Davis-Besse ODCM limits the dose equivalent rates due to the release of fission and activation products to less than or equal to 500 mRem per year to the total body and less than or equal to 3000 mRem per year to the skin. Therefore, the average beta and gamma energies (E) for gaseous effluents as described in Regulatory Guide 1.21, "Measuring, Evaluating, and Reporting Radioactivity in Solid Wastes and Releases of Radioactive Materials in Liquid and Gaseous Effluents from Light-Water-Cooled Nuclear Power Plants" are not applicable.

Measurements of Total Activity

Gaseous Effluents

Fission and Activation Gases:

These gases, excluding Tritium, are collected in Marinelli beakers specially modified for gas sampling, in steel flasks, or in glass vials, and are counted on a High Purity Germanium (HPGe) detector for principal gamma-emitting radionuclides. The radionuclides detected by the HPGe detector are quantified via gamma spectroscopy.

Tritium gas is collected using a bubbler apparatus and because it is a pure beta emitter is counted using a liquid scintillation detector system.

Radioiodines

Radioisotopes of Iodine, Radioiodines, are collected on a charcoal cartridge filter and counted on an HPGe detector. Specific quantification of each iodine radioisotope is performed via gamma spectroscopy.

Radioactive Particulates

Radioactive particulates are collected on filter paper and counted on an HPGe detector. Specific quantification of each radionuclide present on the filter paper is performed via gamma spectroscopy.

Liquid Effluents

Liquid effluents are collected in a Marinelli beaker and counted on an HPGe detector. Quantification of each gamma-emitting radionuclide present in liquid samples is via gamma spectroscopy. Tritium in the liquid effluent is quantified by counting an aliquot of a composite sample in a liquid using a liquid scintillation detector system.

Batch Releases

Liquid Batch Releases (1/1/21 through 12/31/21)

1. Number of batch releases: 85
2. Total time period for the batch releases: 377.4 hours
3. Maximum time period for a batch release: 613.0 minutes
4. Minimum time period for a batch release: 89.0 minutes
5. Average time period for a batch release: 266.4 minutes

Gaseous Batch Releases (1/1/21 through 12/31/21)

1. Number of batch releases: 2
2. Total time period for the batch releases: 6.7 hours
3. Maximum time period for a batch release: 204.0 minutes
4. Minimum time period for a batch release: 200.0 minutes
5. Average time period for a batch release: 202.0 minutes

Abnormal Releases

There were no abnormal gaseous releases of radioactivity from the station during 2021.

There were no abnormal liquid releases of radioactivity from the station during 2021.

Releases from the ISFSI

There were no identified effluents from this facility in 2021 and no increase in the dose to the public was observed or calculated from the ISFSI. No additional spent fuel cannisters were added to the ISFSI in 2021.

Percent of Offsite Dose Calculation Manual (ODCM) Release Limits

The following table presents the ODCM annual dose limits and the associated offsite dose to the public, in percent of limits, for January 1, 2021 through December 31, 2021.

	SPECIFICATION	ANNUAL DOSE	LIMIT	PERCENT OF LIMIT
Report Period: January 1, 2021 - December 31, 2021 (gaseous)				
	Noble gases (gamma)	0.00E+00 mrad	10 mrad	0.00E+00
	Noble gases (beta)	0.00E+00 mrad	20 mrad	0.00E+00
	I-131, H-3, C-14 and Particulates	3.26E-01 mRem	15 mRem	5.84E-02
Report Period: January 1, 2021 - December 31, 2021 (liquid)				
	Total Body	5.42E-03 mRem	3 mRem	1.81E-01
	Organ (Liver)	5.43E-03 mRem	10 mRem	5.43E-02

Sources of Input Data

- Water Usage: Survey of Water Treatment Plants (DSR-95-00347)
- 0-50 mile, milk, vegetable production, and population data was taken from 1982 Annual Environmental Operating Report entitled, "Evaluation of Compliance with Appendix I to 10CFR50: Updated Population, Agricultural, Meat - Animal, and Milk Production Data Tables for 1982". This evaluation was based on the
  - 1980 Census,
  - the Agricultural Ministry of Ontario 1980 report entitled "Agricultural Statistics and Livestock Marketing Account", the Agricultural Ministry of Ontario report entitled "Agricultural Statistics for Ontario, Publication 21, 1980,"
  - the Michigan Department of Agriculture report entitled "Michigan Agricultural Statistics, 1981", and
  - the Ohio Crop Reporting Service report entitled "Ohio Agricultural Statistics, 1981".
- Gaseous and liquid source terms: Tables 14 through 18 of this report.
- Location of the nearest individuals and pathways by sector within 5 miles, see Land Use Census Section of the report.
- Population of the 50-mile Radius of Davis-Besse (DSR-95-00398 and DBNPS Population Update Analysis – 2019, KLD Engineering, P.C.).

Dose to Public Due to Activities Inside the Site Boundary

In accordance with ODCM Section 7.2, the Radioactive Effluent Release Report includes an assessment of radiation doses from radioactivity released in liquid and gaseous effluents to members of the public from activities inside the site boundary.

The Pavilion and Training Center pond have, on occasion, been made accessible to employees and their families. The Pavilion may be accessible to the public for certain social activities. The Training Center pond allows employees and their families to periodically fish on site under a "catch-and-release" program; therefore, the fish pathway is not considered applicable. Considering the frequency and duration of the visits, the resultant dose would be a small fraction of the calculated maximum site boundary dose. For purposes of assessing the dose to members of the public in accordance with ODCM Section 7.2, the following exposure assumptions are used:

- Exposure time for maximally-exposed visitor is 250 hours (1 hr/day, 5 day/ week, 50 wk/yr)
- Annual average meteorological dispersion (conservative, default use of maximum site boundary dispersion).
- For direct "shine" from the Independent Spent Fuel Storage Installation (ISFSI), default use of the maximum dose rate for a completed (full) ISFSI, at a distance of 950 feet. ODCM equations may be used for calculating the dose to a member of the public for activities inside the site boundary. This dose would be at least a factor of 35 times less than the maximum site boundary air dose, as calculated in the ODCM. Nowhere onsite are areas accessible to the public where exposure to liquid effluents could occur.

Therefore, the modeling of the ODCM conservatively estimates the maximum potential dose to members of the public.

- The Old Steam Generator Storage Facility (OSGSF) provides long-term storage for two (2) "Once-Through Steam Generators", two (2) Reactor Coolant System Hot Leg Piping sections, one (1) Reactor Vessel Closure Head (with Control Rod Drive Mechanisms and Service Support Structure). The OSGSF is designed so that dose rates at the exterior of the facility are within station designated dose rate limits which are more restrictive than the dose rate limits of 10CFR20.

Non-Functional Radioactive Effluent Monitoring Equipment

ODCM Table 2-1 Radioactive Liquid Effluent Monitoring Instrumentation

Instrument	Required Channels	Available Channels	Duration Non-Functional	Comments
None				There were no instances in 2021 in which less than the required number of radioactive liquid effluent monitoring instrumentation channels were Functional.

ODCM Table 3-1 Radioactive Gaseous Effluent Monitoring Instrumentation

Instrument	Required Channels	Available Channels	Duration Non-Functional	Comments
None				There were no instances in 2021 in which less than the required number of radioactive gaseous effluent monitoring instrumentation channels were Functional.

Changes to the ODCM and the Process Control Program (PCP)

Revision 39 of the ODCM was issued in February 2022 to incorporate results from the 2021 Land Use Census. The location of nearest receptor in the SW sector changed to 0.67 miles. The Critical Pathway did not change from the 2020 census.

There were no changes to the Process Control Program during 2021.

Borated Water Storage Tank Radionuclide Concentrations

During 2021, the Borated Water Storage Tank's sum of limiting fractions of radionuclides concentration, a unitless number, did not exceed the ODCM Section 2.2.4 limit of 1.

Table 14
Gaseous Effluents - Summation of All Releases

Nuclide	Unit	1st Qtr 2021	2nd Qtr 2021	3rd Qtr 2021	4th Qtr 2021
Fission and Activation Gases					
Total Release	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Average Release Rate for Period	uCi/sec	N/A	N/A	N/A	N/A
Percent of applicable limits	N/A				
Iodines					
Total Iodines (I-131)	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Average Release Rate for Period	uCi/sec	N/A	N/A	N/A	N/A
Percent of applicable limits	N/A				
Particulates					
Particulates with half-lives greater than 8 days	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Average Release Rate for Period	uCi/sec	N/A	N/A	N/A	N/A
Percent of applicable limits	N/A				
Gross Alpha Activity	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tritium					
Total Release	Ci	8.16E+00	6.24E+00	5.17E+00	4.47E+00
Average Release Rate for Period	uCi/sec	1.06E+00	8.22E-01	6.55E-01	6.39E-03
Percent of applicable limits	N/A				
Carbon-14					
Total Release	Ci	2.64E+00	2.52E+00	2.44E+00	2.47E+00

Note: The average release rate is taken over the entire quarter, not over the time the time period of the releases.

Table 15
Gaseous Effluents - Ground Level Releases
Batch Mode

Nuclide	Unit	1st Qtr 2021[1]	2nd Qtr 2021[1]	3rd Qtr 2021[1]	4th Qtr 2021[1]
Fission Gases					
Kr-85	Ci	<LLD	<LLD	<LLD	<LLD
Kr-85m	Ci	<LLD	<LLD	<LLD	<LLD
Kr-87	Ci	<LLD	<LLD	<LLD	<LLD
Kr-88	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-138	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:		N/A	N/A	N/A	N/A
Iodines					
I-131	Ci	<LLD	<LLD	<LLD	<LLD
I-133	Ci	<LLD	<LLD	<LLD	<LLD
I-135	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:		N/A	N/A	N/A	N/A
Particulates and Tritium					
H-3	Ci	2.93E-04	3.69E-04	5.19E-02	1.48E-04
Sr-89	Ci	<LLD	<LLD	<LLD	<LLD
Sr-90	Ci	<LLD	<LLD	<LLD	<LLD
Cs-134	Ci	<LLD	<LLD	<LLD	<LLD
Cs-137	Ci	<LLD	<LLD	<LLD	<LLD
Ba-La-140	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:		2.93E-04	3.69E-04	5.19E-02	1.48E-04

(1) LLDs for Ground Level Gaseous Releases – Batch Mode are listed on page 88.

Table 15 (Continued)
Gaseous Effluents - Ground Level Releases
Continuous Mode

Nuclide	Unit	1st Qtr 2021(2)	2nd Qtr 2021(2)	3rd Qtr 2021(2)	4th Qtr 2021(2)
Fission Gases					
Kr-85	Ci	<LLD	<LLD	<LLD	<LLD
Kr-85m	Ci	<LLD	<LLD	<LLD	<LLD
Kr-87	Ci	<LLD	<LLD	<LLD	<LLD
Kr-88	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-138	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:		N/A	N/A	N/A	N/A
Iodines					
I-131	Ci	<LLD	<LLD	<LLD	<LLD
I-133	Ci	<LLD	<LLD	<LLD	<LLD
I-135	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:		N/A	N/A	N/A	N/A
Particulates and Tritium					
H-3	Ci	2.04E-03	1.81E-03	1.19E-03	1.04E-03
Sr-89	Ci	<LLD	<LLD	<LLD	<LLD
Sr-90	Ci	<LLD	<LLD	<LLD	<LLD
Cs-134	Ci	<LLD	<LLD	<LLD	<LLD
Cs-137	Ci	<LLD	<LLD	<LLD	<LLD
Ba-La-140	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:		2.04E-03	1.81E-03	1.19E-03	1.04E-03

(2) LLDs for Ground Level Gaseous Releases – Continuous Mode are listed on page 88.

Table 15 (Continued)
Gaseous Effluents - Ground Level Releases
Lower Limits of Detection (LLD)

Continuous[b] and Batch[a] Mode

Ar-41	<7.85E-09	µCi/ml
Kr-85	<1.04E-06	µCi/ml
Kr-85m	<7.67E-09	µCi/ml
Kr-87	<2.03E-08	µCi/ml
Kr-88	<2.00E-08	µCi/ml
Xe-133	<1.55E-08	µCi/ml
Xe-133m	<4.33E-08	µCi/ml
Xe-135	<5.38E-09	µCi/ml
Xe-135m	<1.64E-07	µCi/ml
Xe-138	<6.23E-07	µCi/ml
Mn-54	<1.24E-14	µCi/ml
Fe-59	<2.45E-14	µCi/ml
Co-58	<1.22E-14	µCi/ml
Co-60	<9.80E-15	µCi/ml
Zn-65	<3.23E-14	µCi/ml
Mo-99	<9.08E-14	µCi/ml
I-131	<1.32E-14	µCi/ml
I-133	<1.21E-14	µCi/ml
I-135	<4.55E-14	µCi/ml
Cs-134	<1.16E-14	µCi/ml
Cs-137	<1.25E-14	µCi/ml
Ba-140	<2.99E-14	µCi/ml
La-140	<1.56E-14	µCi/ml
Ce-141	<2.27E-14	µCi/ml
Sr-89	<1.10E-15	µCi/ml
Sr-90	<4.70E-16	µCi/ml

a: Auxiliary Feed Pump Turbine Exhaust, Main Steam Safety Valves, and Auxiliary Boiler Outage Release are listed as batch release.
b: Atmospheric Vent Valve weepage and Steam Packing Exhauster are continuous releases.

Table 16
Gaseous Effluents - Mixed Mode Releases
Batch Mode

Nuclide	Unit	1st Qtr 2021(1)	2nd Qtr 2021(1)	3rd Qtr 2021(1)	4th Qtr 2021(1)
Fission Gases					
Ar-41	Ci	<LLD	<LLD	<LLD	<LLD
Kr-85	Ci	<LLD	<LLD	<LLD	<LLD
Kr-85m	Ci	<LLD	<LLD	<LLD	<LLD
Kr-87	Ci	<LLD	<LLD	<LLD	<LLD
Kr-88	Ci	<LLD	<LLD	<LLD	<LLD
Xe-131m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-138	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:		0.00E+00	0.00E+00	0.00E+00	0.00+00
***Iodines**					
I-131	Ci	<LLD	<LLD	<LLD	<LLD
I-133	Ci	<LLD	<LLD	<LLD	<LLD
I-135	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
***Particulates & Tritium**					
H-3	Ci	<LLD	2.36E-04	<LLD	2.32E-04
Sr-89	Ci	<LLD	<LLD	<LLD	<LLD
Sr-90	Ci	<LLD	<LLD	<LLD	<LLD
Cs-134	Ci	<LLD	<LLD	<LLD	<LLD
Cs-137	Ci	<LLD	<LLD	<LLD	<LLD
Ba-La-140	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:	Ci	0.00E+00	2.36E-04	0.00E+00	2.32E-04

(1) LLDs for Mixed Mode Gaseous Releases – Batch Mode are listed on page 91.

* Release of iodines and particulates are quantified in Mixed Mode Releases, Continuous Mode (Unit Station Vent)

Table 16 (Continued)
Gaseous Effluents - Mixed Mode Releases
Continuous Mode

Nuclide	Unit	1st Qtr 2021(2)	2nd Qtr 2021(2)	3rd Qtr 2021(2)	4th Qtr 2021(2)
Fission Gases					
Kr-85	Ci	<LLD	<LLD	<LLD	<LLD
Kr-85m	Ci	<LLD	<LLD	<LLD	<LLD
Kr-87	Ci	<LLD	<LLD	<LLD	<LLD
Kr-88	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-138	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:		0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iodines					
I-131	Ci	<LLD	<LLD	<LLD	<LLD
I-132	Ci	<LLD	<LLD	<LLD	<LLD
I-133	Ci	<LLD	<LLD	<LLD	<LLD
I-135	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:		0.00E+00	0.00E+00	0.00E+00	0.00E+00
Particulates, Tritium					
Co-58	Ci	<LLD	<LLD	<LLD	<LLD
Co-60	Ci	<LLD	<LLD	<LLD	<LLD
Sr-89	Ci	<LLD	<LLD	<LLD	<LLD
Sr-90	Ci	<LLD	<LLD	<LLD	<LLD
Sb-124	Ci	<LLD	<LLD	<LLD	<LLD
Cs-134	Ci	<LLD	<LLD	<LLD	<LLD
Cs-137	Ci	<LLD	<LLD	<LLD	<LLD
Ba-La-140	Ci	<LLD	<LLD	<LLD	<LLD
H-3	Ci	8.16E+00	6.42E+00	5.17E+00	4.46E+00
Total for Period	Ci	8.16E+00	6.42E+00	5.17E+00	4.46E+00
Carbon-14	Ci	2.64E+00	2.52E+00	2.44E+00	2.47E+00

(2) LLDs for Mixed Mode Gaseous Releases – Continuous Mode are listed on page 91.

Table 16 (Continued)
Gaseous Effluents - Mixed Mode Releases
Lower Limits of Detection (LLD)

	Continuous Mode[a]			Batch Mode[a]	
Ar-41	<7.85E-09	µCi/ml	Ar-41	<1.73E-06	µCi/ml
Kr-85	<1.04E-06	µCi/ml	Kr-85	<2.72E-04	µCi/ml
Kr-85m	<7.67E-09	µCi/ml	Kr-85m	<1.44E-06	µCi/ml
Kr-87	<2.03E-08	µCi/ml	Kr-87	<3.30E-06	µCi/ml
Kr-88	<2.00E-08	µCi/ml	Kr-88	<5.05E-06	uCi/ml
Xe-133	<1.55E-08	µCi/ml	Xe-133	<2.85E-06	µCi/ml
Xe-133m	<4.33E-08	µCi/ml	Xe-133m	<9.53E-06	µCi/ml
Xe-135	<5.38E-09	µCi/ml	Xe-135	<1.28E-06	µCi/ml
Xe-135m	<1.64E-07	µCi/ml	Xe-135m	<1.82E-05	µCi/ml
Xe-138	<6.23E-07	µCi/ml	Xe-138	<5.70E-05	µCi/ml
Mn-54	<1.24E-14	µCi/ml	Mn-54	<8.53E-07	µCi/ml
Fe-59	<2.45E-14	µCi/ml	Fe-59	<1.63E-06	µCi/ml
Co-58	<1.22E-14	µCi/ml	Co-58	<7.90E-07	µCi/ml
Co-60	<9.80E-15	µCi/ml	Co-60	<8.60E-07	µCi/ml
Zn-65	<3.23E-14	µCi/ml	Zn-65	<1.51E-06	µCi/ml
Mo-99	<9.08E-14	µCi/ml	Mo-99	<8.05E-06	µCi/ml
I-131	<1.32E-14	µCi/ml	I-131	<1.15E-06	µCi/ml
I-133	<1.21E-14	µCi/ml	I-133	<1.12E-06	uCi/ml
I-135	<4.55E-14	µCi/ml	I-135	<3.27E-06	uCi/ml
Cs-134	<1.16E-14	µCi/ml	Cs-134	<1.12E-06	uCi/ml
Cs-137	<1.25E-14	µCi/ml	Cs-137	<1.01E-06	µCi/ml
Ba-140	<2.99E-14	µCi/ml	Ba-140	<3.26E-06	µCi/ml
La-140	<1.56E-14	µCi/ml	La-140	<1.29E-06	µCi/ml
Ce-141	<2.27E-14	µCi/ml	Ce-141	<1.92E-06	µCi/ml
Sr-89	<1.10E-15	µCi/ml	Sr-89	<1.10E-15	uCi/ml
Sr-90	<4.70E-16	µCi/ml	Sr-90	<4.70E-16	uCi/ml

a These radionuclides were not identified in every quarter in concentrations above the lower limit of detection (LLD).

Table 17
Liquid Effluents - Summation of All Releases

Type	Unit	1st Qtr 2021	2nd Qtr 2021	3rd Qtr 2021	4th Qtr 2021	Est. Total % Error
Fission and Activation Products						
Total Release (without Tritium, Gases, Alpha)	Ci	4.31E-05	8.43E-05	4.48E-07	5.17E-05	2.0E+01
Average Diluted Concentration During Period[a]	μCi/ml	2.10E-12	7.01E-12	3.37E-14	2.45E-12	
Percent of 10CFR20 Limit	%	6.36E-07	1.76E-06	1.18E-08	1.21E-06	
Tritium						
Total Release	Ci	1.30E+02	1.26E+02	4.87E+02	2.50E+02	2.0E+01
Average Diluted Concentration During Period[a]	μCi/ml	6.37E-06	1.05E-05	3.66E-05	1.19E-05	
Percent of 10CFR20 Limit	%	4.45E-02	7.33E-02	2.56E-01	8.29E-02	
Dissolved and Entrained Gases						
Total Release	Ci	5.90E-07	0.00E+00	6.26E-05	3.31E-04	2.0E+01
Average Diluted Concentration During Period[a]	μCi/ml	2.88E-14	0.00E+00	4.71E-12	1.57E-11	
Percent of 10CFR20 Limit	%	1.01E-09	0.00E+00	1.64E-07	5.47E-07	
Gross Alpha						
Total Release	Ci	0.00E+00	0.00E+00	0.00E+00	9.81E-06	2.0E+01
Volume of Waste Released (prior to dilution)						
Batch	liter	2.76E+05	3.31E+05	7.87E+05	9.59E+05	2.0E+01
Continuous	liter	1.10E+08	5.76E+07	7.86E+07	7.00E+07	2.0E+01
Volume of Dilution Water						
Batch	liter	3.16E+08	2.88E+08	1.10E+09	3.37E+08	2.0E+01
Continuous	liter	2.00E+10	1.17E+10	1.21E+10	2.07E+10	2.0E+01
Total Volume of Water Released	liter	2.05E+10	1.20E+10	1.33E+10	2.11E+10	

[a] Tritium and alpha may be found in both continuous and batch releases. Average diluted concentrations are based on total volume of water released during the quarter. Fission and Activation products and Dissolved and Entrained Gases are normally only detected in batch releases.

Table 18
Liquid Effluents
Batch Releases [1]

Nuclide	Unit	1st Qtr 2021	2nd Qtr 2021	3rd Qtr 2021	4th Qtr 2021
Fission and Activation Products					
Mn-54	Ci	<LLD	<LLD	<LLD	<LLD
Fe-55[b]	Ci	<LLD	<LLD	<LLD	<LLD
Co-58	Ci	4.94E-06	2.14E-06	4.48E-07	4.79E-05
Fe-59	Ci	<LLD	<LLD	<LLD	<LLD
Co-60	Ci	1.40E-06	8.34E-07	<LLD	3.81E-06
Ni-63	Ci	3.59E-05	7.94E-05	<LLD	<LLD
Zn-65	Ci	<LLD	<LLD	<LLD	<LLD
Sr-89[b]	Ci	<LLD	<LLD	<LLD	<LLD
Sr-90[b]	Ci	<LLD	<LLD	<LLD	<LLD
Mo-99	Ci	<LLD	<LLD	<LLD	<LLD
I-131	Ci	<LLD	<LLD	<LLD	<LLD
I-133	Ci	<LLD	<LLD	<LLD	<LLD
I-135	Ci	<LLD	<LLD	<LLD	<LLD
Cs-134	Ci	<LLD	<LLD	<LLD	<LLD
Cs-137	Ci	7.91E-07	1.85E-06	<LLD	<LLD
Ba-140	Ci	<LLD	<LLD	<LLD	<LLD
La-140	Ci	<LLD	<LLD	<LLD	<LLD
Ce-141	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period	**Ci**	**4.31E-05**	**8.43E-05**	**4.48E-07**	**5.17E-05**
Tritium					
H-3 (Total for Period)	**Ci**	**1.30E+02**	**1.26E+02**	**4.87E+02**	**2.50E+02**
Dissolved and Entrained Gases					
Ar-41	Ci	<LLD	<LLD	<LLD	<LLD
Kr-85	Ci	<LLD	<LLD	<LLD	<LLD
Kr-85m	Ci	<LLD	<LLD	<LLD	<LLD
Kr-87	Ci	<LLD	<LLD	<LLD	<LLD
Kr-88	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133	Ci	5.90E-07	<LLD	6.26E-05	3.29E-04
Xe-133m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135	Ci	<LLD	<LLD	<LLD	1.78E-06
Xe-135m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-138	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:	**Ci**	**5.90E-07**	**0.00E+00**	**6.26E-05**	**3.31E-04**

(1) LLDs for Liquid Releases – Batch Mode are listed on page 93.

Table 18 (continued)
Liquid Effluents [a]
Continuous Releases

Nuclide	Unit	1st Qtr 2021(2)	2nd Qtr 2021(2)	3rd Qtr 2021(2)	4th Qtr 2021(2)
Fission and Activation Products					
Mn-54	Ci	<LLD	<LLD	<LLD	<LLD
Fe-55	Ci	<LLD	<LLD	<LLD	<LLD
Fe-59	Ci	<LLD	<LLD	<LLD	<LLD
Co-58	Ci	<LLD	<LLD	<LLD	<LLD
Co-60	Ci	<LLD	<LLD	<LLD	<LLD
Ni-63	Ci	<LLD	<LLD	<LLD	<LLD
Zn-65	Ci	<LLD	<LLD	<LLD	<LLD
Sr-89[b]	Ci	<LLD	<LLD	<LLD	<LLD
Sr-90[b]	Ci	<LLD	<LLD	<LLD	<LLD
Mo-99	Ci	<LLD	<LLD	<LLD	<LLD
I-131	Ci	<LLD	<LLD	<LLD	<LLD
I-133	Ci	<LLD	<LLD	<LLD	<LLD
I-135	Ci	<LLD	<LLD	<LLD	<LLD
Cs-134	Ci	<LLD	<LLD	<LLD	<LLD
Cs-137	Ci	<LLD	<LLD	<LLD	<LLD
Ba-140	Ci	<LLD	<LLD	<LLD	<LLD
La-140	Ci	<LLD	<LLD	<LLD	<LLD
Ce-141	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tritium					
H-3 (Total for Period)	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dissolved and Entrained Gases					
Ar-41	Ci	<LLD	<LLD	<LLD	<LLD
Kr-85	Ci	<LLD	<LLD	<LLD	<LLD
Kr-85m	Ci	<LLD	<LLD	<LLD	<LLD
Kr-87	Ci	<LLD	<LLD	<LLD	<LLD
Kr-88	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133	Ci	<LLD	<LLD	<LLD	<LLD
Xe-133m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135	Ci	<LLD	<LLD	<LLD	<LLD
Xe-135m	Ci	<LLD	<LLD	<LLD	<LLD
Xe-138	Ci	<LLD	<LLD	<LLD	<LLD
Total for Period:	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00

(1) LLDs for Liquid Releases – Continuous Mode are listed on page 93.

Table 18 (continued)
Liquid Effluents
Lower Limits of Detection (LLD)[a]

Continuous and Batch Mode

Ar-41	1.53E-08	µCi/ml
Kr-85	2.47E-06	µCi/ml
Kr-85m	1.43E-08	µCi/ml
Kr-87	2.19E-08	µCi/ml
Kr-88	4.19E-08	µCi/ml
Xe-133	3.62E-08	µCi/ml
Xe-133m	9.13E-08	µCi/ml
Xe-135	1.09E-08	µCi/ml
Xe-135m	2.95E-08	µCi/ml
Xe-138	1.35E-07	µCi/ml
Mn-54	9.38E-09	µCi/ml
Fe-59	1.52E-08	µCi/ml
Co-58	5.89E-09	µCi/ml
Co-60	8.38E-09	µCi/ml
Zn-65	1.74E-08	µCi/ml
Mo-99	6.22E-08	µCi/ml
I-131	1.15E-08	µCi/ml
I-133	9.52E-09	µCi/ml
I-135	4.04E-08	µCi/ml
Cs-134	7.87E-09	µCi/ml
Cs-137	9.28E-09	µCi/ml
Ba-140	3.24E-08	µCi/ml
La-140	5.95E-09	µCi/ml
Ce-141	2.00E-08	µCi/ml
(b) Sr-89	1.70E-08	µCi/ml
(b) Sr-90	8.30E-09	µCi/ml
(b) Ni-63	7.50E-08	µCi/ml
(b) Gross Alpha	3.10E-07	µCi/ml
(b) Fe-55	7.00E-07	µCi/ml

[a] These radionuclides were not identified every quarter in concentrations above the lower limit of detection (LLD). LLDs are applicable to both batch and continuous modes due to identical sample and analysis methods.

[b] Quarterly composite sample, contract laboratory MDA.

Table 19
Solid Waste and Irradiated Fuel Shipments

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL (Not irradiated fuel)

1. Type of Waste		Unit	12-month Period	Est. Total Error, %
a.	Spent resins, filter sludges, evaporator bottoms, etc.	m^3 Ci	2.39 E+01 1.40 E+02	2.5E+01 2.5E+01
b.	Dry compressible waste, contaminated equip., etc.	m^3 Ci	5.66 E+01 1.37 E-03	2.5E+01 2.5E+01
c.	Irradiated components, control rods, etc.	m^3 Ci	 N/A	 N/A
d.	Filters	m^3 Ci	3.96 E-01 7.62 E+00	2.5E+01 2.5E+01

2. Estimate of major nuclide composition (by type of waste)

		Type	Percent (%)	Est. Error, %
a.	Spent resins, filter sludges, evaporator bottoms, etc.	Ni^{63}	3.64 E+01	2.50E+01
		Co^{60}	2.99 E+01	2.50E+01
		Fe^{55}	1.69 E+01	2.50E+01
		Cs^{137}	8.28 E+00	2.50E+01
		C^{14}	2.53 E+00	2.50E+01
		H^3	2.38 E+00	2.50E+01
		Mn^{54}	1.67 E+00	2.50E+01
		Co^{58}	9.74 E-01	2.50E+01
		Zn^{65}	3.29 E-01	2.50E+01
		Ni^{59}	2.62 E-01	2.50E+01
		Co^{57}	1.73 E-01	2.50E+01
		Cs^{134}	1.49 E-01	2.50E+01
		Ag^{110m}	1.19 E-01	2.50E+01
b.	Dry compressible waste, contaminated equipment, etc.	H^3	5.57 E+01	2.50E+01
		Ni^{63}	2.01 E+01	2.50E+01
		Nb^{95}	1.22 E+01	2.50E+01
		Zr^{95}	5.72 E+00	2.50E+01
		Co^{60}	3.18 E+00	2.50E+01
		C^{14}	1.12 E+00	2.50E+01
		Co^{58}	1.09 E+00	2.50E+01
		Cs^{137}	3.05 E-01	2.50E+01
		Mn^{54}	2.98 E-01	2.50E+01
		Ag^{110m}	1.17 E-01	2.50E+01
c.	None			

d. Filters	Co^{58}	2.02 E+01	2.50E+01
	C^{14}	1.59 E+01	2.50E+01
	Co^{60}	1.23 E+01	2.50E+01
	Ni^{63}	1.18 E+01	2.50E+01
	Fe^{55}	9.04 E+00	2.50E+01
	H^{3}	7.99 E+00	2.50E+01
	Nb^{95}	7.95 E+00	2.50E+01
	Cr^{51}	7.35 E+00	2.50E+01
	Zr^{95}	4.76 E+00	2.50E+01
	Ag^{110m}	1.03 E+00	2.50E+01
	Mn^{54}	6.25 E-01	2.50E+01
	Cs^{137}	2.65 E-01	2.50E+01
	Zn^{65}	1.51 E-01	2.50E+01
	Ce^{144}	1.43 E-01	2.50E+01
	Co^{57}	1.11 E-01	2.50E+01
	Fe^{59}	1.06 E-01	2.50E+01

Number of Shipments:	**2**
Mode of Transportation:	Truck
Destination:	Energy Solutions, Erwin, TN for processing and disposal at Energy Solutions, Clive, UT
Type of Container (Container Volume):	Poly liners 6.1 m^3
Volume shipped for processing	8.2 m^3

Number of Shipments:	**1**
Mode of Transportation:	Truck
Destination:	Unitech, Oak Ridge, TN for processing and disposal at WCS, Andrews, TX.
Type of Container (Container Volume):	Metal boxes 36.2 m^3
Volume shipped for processing	57.6 m^3

Number of Shipments:	**6**
Mode of Transportation:	Truck
Destination:	Energy Solutions, Erwin, TN for processing and disposal at WCS, Andrews, TX.
Type of Container (Container Volume):	Poly liners 3.9 m^3
Volume shipped for processing	15.7 m^3

Number of Shipments:	**1**
Mode of Transportation:	Truck
Destination:	Energy Solutions, Oak Ridge, TN for processing and disposal at WCS, Andrews, TX.
Type of Container (Container Volume):	Metal boxes 1.4 m^3
Volume shipped for processing	0.4 m^3

B. IRRADIATED FUEL SHIPMENTS

There were no shipments of irradiated fuel.

Onsite Groundwater Monitoring

Davis-Besse began sampling wells near the plant in 2007 as part of an industry-wide Groundwater Protection Initiative (GPI), which was established to ensure there are no inadvertent releases of radioactivity from the plant which could affect offsite groundwater supplies. In addition to several existing pre-construction era wells, 16 new GPI monitor wells were installed in 2007 to determine the presence of plant-related radionuclides, primarily Tritium, in aquifers on the site. There are 23 monitor wells on site that can be to determine groundwater flow direction and radionuclide concentration.

Davis-Besse's Groundwater Protection Program includes baseline annual Spring and Fall sampling of the 16 monitor wells installed in 2007. Additional monitor wells can be sampled as needed if increased monitoring is warranted. An increasing trend of Tritium in site monitor well samples was identified in February 2015 and the subsequent investigation determined that the most probable cause was due to construction activities surrounding removal of the Primary Water Storage Tank. Additional monitor wells were added to the semi-annual sampling campaigns and the sampling frequency was increased to quarterly for selected wells to closely monitor and trend Tritium values in vulnerable areas of the site. A decreasing trend in Tritium concentration in groundwater at the site has been observed since 2016. In the third quarter of 2017, Davis-Besse returned to semi-annual sampling after all monitor wells yielded Tritium activity less than 2,000 pCi/L for three consecutive quarters. All groundwater sample results were less than 1000 pCi/L in 2021. 2021 groundwater Tritium results are presented in Table 20 and a historical trend for Tritium in groundwater at the site is shown in Figure 28. No plant-related gamma-emitting radionuclides were detected in any groundwater samples taken in 2021.

In April 2017, Environmental Resources Management completed a model update of the site hydrology. The scope of the study was to determine the impact that construction of the Emergency Feedwater Facility (EFWF) had on groundwater flow at DBNPS and to evaluate if the Intake Canal is still the discharge location for site groundwater. The study concluded that the presence of the new EFWF does not appear to significantly impact groundwater flow for the site. Overall site-wide groundwater flow remains in a west to east direction, with groundwater flowing around the EFWF foundation. While wells MW-22S/D were removed during the EFWF project, potential leaks or spills west of the Power Block would still be detected by other existing wells. Groundwater flow is discharging to the Intake Canal. Therefore, potential leaks or spills of licensed material originating from Davis-Besse would be captured by pumping water from the Intake Canal as part of normal plant operations.

Table 20
GPI Groundwater Tritium Results

Year	Sample Event (b)	MW	(a)	Result	Units
2021	S1	MW-14S		216	pCi/L
2021	S1	MW-14S **(c)**		163	pCi/L
2021	S1	MW-18S		694	pCi/L
2021	S1	MW-20S	<	161	pCi/L
2021	S1	MW-21S		177	pCi/L
2021	S1	MW-30S		382	pCi/L
2021	S1	MW-34S		362	pCi/L
2021	S1	MW-37S		163	pCi/L
2021	S1	MW-105A		320	pCi/L
2021	S1	MW-105A **(c)**		209	pCi/L
2021	S1	MW-100A		170	pCi/L
2021	S1	MW-100B		204	pCi/L
2021	S1	MW-100C		262	pCi/L
2021	S1	MW-101A	<	161	pCi/L
2021	S1	MW-101B	<	161	pCi/L
2021	S1	MW-102A	<	161	pCi/L
2021	S1	MW-102B		503	pCi/L
2021	S1	MW-103A	<	161	pCi/L
2021	S1	MW-103B		482	pCi/L
2021	S1	MW-104A		230	pCi/L
2021	S1	MW-104B		322	pCi/L
2021	S1	MW-104C		165	pCi/L
2021	S1	MW-104C **(c)**		133	pCi/L
2021	S2	MW-14S		228	pCi/L
2021	S2	MW-18S		541	pCi/L
2021	S2	MW-20S		163	pCi/L
2021	S2	MW-21S	<	163	pCi/L
2021	S2	MW-21S **(c)**	<	163	pCi/L

Year	Sample Event (b)	MW	(a)	Result	Units
2021	S2	MW-30S		449	pCi/L
2021	S2	MW-34S		235	pCi/L
2021	S2	MW-37S		166	pCi/L
2021	S2	MW-105A		311	pCi/L
2021	S2	MW-105A **(c)**		198	pCi/L
2021	S2	MW-100A	<	163	pCi/L
2021	S2	MW-100B		169	pCi/L
2021	S2	MW-100C	<	163	pCi/L
2021	S2	MW-101A	<	163	pCi/L
2021	S2	MW-101B	<	163	pCi/L
2021	S2	MW-102A	<	163	pCi/L
2021	S2	MW-102B		335	pCi/L
2021	S2	MW-103A	<	163	pCi/L
2021	S2	MW-103B		346	pCi/L
2021	S2	MW-104A	<	163	pCi/L
2021	S2	MW-104B	<	163	pCi/L
2021	S2	MW-104C	<	163	pCi/L

(a) A "<" symbol in this field indicated that the reported result was less than the detectable level, which is reported in the "Result" column immediately to the right.

(b) DBNPS program is required to sample ground water form the monitor wells twice per year. In 2021 the S1 was performed in May and S2 was performed in October.

(c) Indicates a quality control sample, in this case a duplicate sample was drawn from the monitor well**.**

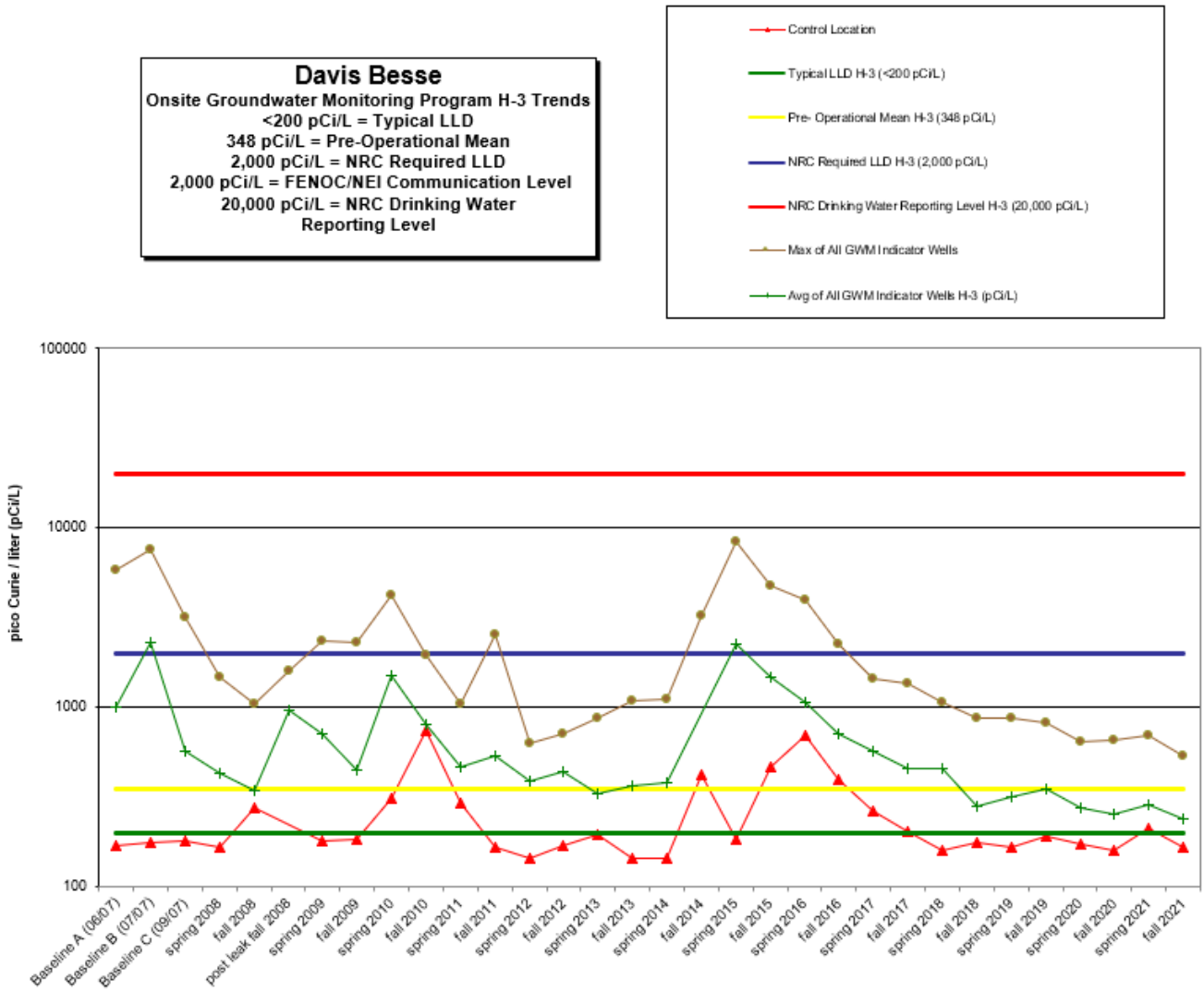

Figure 29 - Onsite Groundwater Monitoring Tritium Trends

Summary of Onsite Spills or Leaks of Radioactive Material and Notifications

There were no identified onsite spills or leaks of radioactive material during 2021.

There were no groundwater well sample results during 2021 that required notifications to the State, County and local officials.

Summary of Items Added to Decommissioning Files per 10 CFR 50.75(g)

There were no elevated groundwater Tritium values during 2021 and no updates to the Decommissioning Files per 10 CFR 50.75(g).

Table 21
Doses Due to Gaseous Releases
January through December 2021

Maximum Individual Dose Due to I-131, H-3, C-14 and Particulates with Half-Lives Greater than 8 days.

Whole Body Dose	3.26E-01 mRem
Significant Organ Dose (Bone)	1.60E+00 mRem

Maximum Individual Dose Due to Noble Gas

Whole Body Dose	0.00E+00 mRem
Skin Dose	0.00E+00 mrad

Population Dose Due to I-131, H-3, C-14 and Particulates with Half-Lives Greater than 8 days.

Total Integrated Population Dose	5.18E-01 person-Rem
Average Dose to Individual in Population	2.38E-04 mRem

Population Dose Due to Noble Gas

Total Integrated Population Dose	0.00E+00 person-Rem
Average Dose to Individual in Population	0.00E+00 mRem

Table 22
Doses Due to Liquid Releases
January through December 2021

Individual Dose	
Maximum Individual Whole-Body Dose	5.42E-03 mrem
Maximum Individual Significant Organ Dose (Liver)	5.43E-03 mrem
Population Dose	
Total Integrated Population Dose	5.67E-01 person-Rem
Average Dose to Individual	2.60E-04 mRem

Table 23
Annual Dose to The Most Exposed Member of the Public 2021
(from all pathways)

	ANNUAL DOSE (mRem)	40CFR190 LIMIT (mRem)	PERCENT OF LIMIT
Whole Body Dose*			
Noble Gas	0.00E+00		
Iodine-131, H-3, C-14, and Particulates	3.26E-01		
Liquid	5.42E-03		
Total Whole-Body Dose	**3.31E-01**	**25**	**1.33E+00**
Thyroid Dose			
Iodine-131, H-3, C-14, and Particulates	3.31E-01	75	4.41E-01
Skin Dose			
Noble Gas	0.00E+00	25	0.00E+00
Significant Organ Dose			
Bone	1.60E+00	25	6.40E+00

* Direct radiation from the facility is not distinguishable from natural background and is, therefore, not included in this compilation.

Land Use Census

Program Design

Each year a Land Use Census is conducted by Davis-Besse in order to update information necessary to estimate radiation dose to the general public and to determine if any modifications are necessary to the Radiological Environmental Monitoring Program (REMP). The Land Use Census is required by Title 10 of the Code of Federal Regulations, Part 50, Appendix I and Davis-Besse Nuclear Power Station Offsite Dose Calculation Manual, Section 5, Assessment of Land Use Census Data. The Land Use Census identifies gaseous pathways by which radioactive material may reach the general population around Davis-Besse. The information gathered during the Land Use Census for dose assessment and input into the REMP ensure these programs are as current as possible. The pathways of concern are listed below:

- **Inhalation Pathway** - Internal exposure as a result of breathing radionuclides carried in the air.
- **Ground Exposure Pathway** - External exposure from radionuclides deposited on the ground
- **Plume Exposure Pathway** - External exposure directly from a plume or cloud of radioactive material.
- **Vegetation Pathway** - Internal exposure as a result of eating vegetables, fruit, etc. which have a build-up of deposited radioactive material or which have absorbed radionuclides through the soil.
- **Milk Pathway** - Internal exposure as a result of drinking milk, which may contain radioactive material as a result of a cow or goat grazing on a pasture contaminated by radionuclides.

Methodology

The Land Use Census consists of recording and mapping the locations of the closest residences, dairy cattle and goats, and broad leaf vegetable gardens (greater than 500 square feet) in each meteorological sector within a five-mile radius of Davis-Besse.

The surveillance portion of the 2021 Land Use Census was performed during the month of September. In order to gather as much information as possible, the locations of residences, dairy cows, dairy goats, and vegetable gardens were recorded. The residences, vegetable gardens, and milk animals are used in the dose assessment program. The gardens should be at least 500 square feet in size, with at least 20% of the vegetables being broadleaf plants (such as cabbage and kale).

Each residence is tabulated as being an inhalation pathway, as well as ground and plume exposure pathways. Each garden is tabulated as a vegetation pathway.

All of the locations identified are plotted on a map (based on the U.S. Geological Survey 7.5 minute series of the relevant quadrangles) which has been divided into 16 equal sectors corresponding to the 16 cardinal compass points (Figure 29). If available, the closest residence, milk animal, and vegetable garden in each sector are determined by measuring the distance from each to the Station Vent at Davis-Besse.

Results

No new pathways were identified in the 2021 census:

SW Sector: A garden 4.74 miles from the station was not planted in 2021.

The critical receptor pathway is a garden in the W sector at 0.97 miles from Davis-Besse, which is unchanged from 2020.

The detailed list in Table 24 was used to update the database of the effluent dispersion model used in dose calculations. Table 24 is divided by sectors and lists the distance (in miles) of the closest pathway in each.

Table 25 provides information on pathways, critical age group, atmospheric dispersion (χ/Q) and deposition (D/Q) parameters for each sector. This information is used to update the Offsite Dose Calculation Manual (ODCM). The ODCM describes the methodology and parameters used in calculating offsite doses from radioactivity released in liquid and gaseous effluents and in calculating liquid and gaseous effluent monitoring instrumentation alarm/trip setpoints. The χ/Q and D/Q values are revised each year, as required, based on the Annual Land Use Census results.

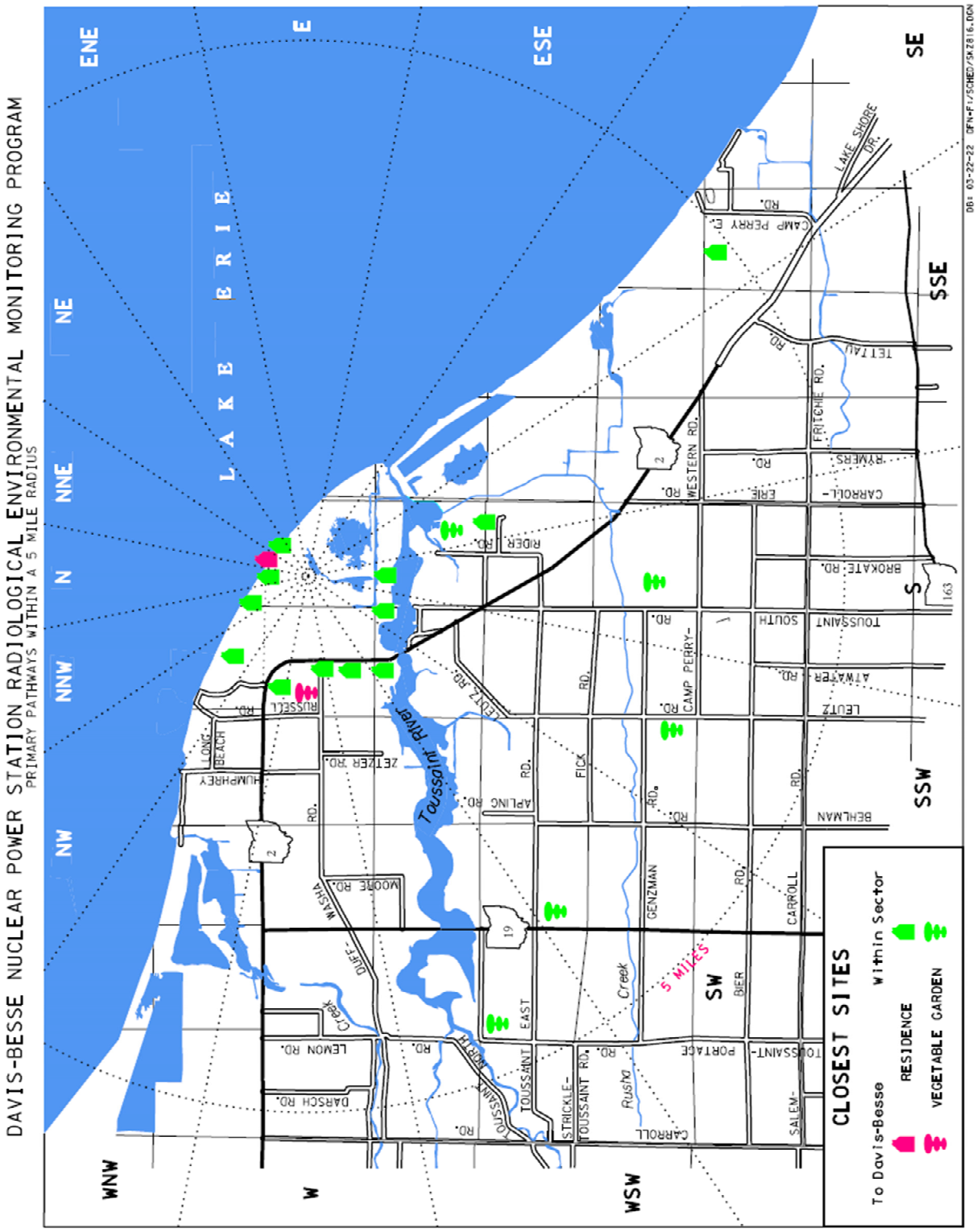

Figure 30 – Land-Use Census Map

Table 24
Closest Exposure Pathways Present in 2021

Sector	Distance from Station (miles)	Closest Pathways
N	0.55	Inhalation Ground Exposure Plume Exposure
NNE	0.55	Inhalation Ground Exposure Plume Exposure
NE	0.56	Inhalation Ground Exposure Plume Exposure
ENE, E, ESE	N/A	Located over Lake Erie
SE	4.94	Inhalation Ground Exposure Plume Exposure
SSE	1.82	Vegetation
SSE	0.93	Inhalation Ground Exposure Plume Exposure
S	3.10	Vegetation
S	0.68	Inhalation Ground Exposure Plume Exposure
SSW	0.70	Vegetation
SSW	0.61	Inhalation Ground Exposure Plume Exposure
SW	0.67	Inhalation Ground Exposure Plume Exposure

Table 24 (Continued)
Closest Exposure Pathways Present in 2021

Sector	Distance from Station (miles)	Closest Pathways
WSW	0.96	Inhalation Ground Exposure Plume Exposure
WSW	4.00	Vegetation
W	0.61	Inhalation Ground Exposure Plume Exposure
W	0.97	Vegetation
WNW	0.94	Inhalation Ground Exposure Plume Exposure
NW	0.93	Inhalation Ground Exposure Plume Exposure
NNW	0.80	Inhalation Ground Exposure Plume Exposure

Table 25
Pathway Locations and Corresponding Atmospheric Dispersion (X/Q) and Deposition (D/Q) Parameters

SECTOR	MILES	CRITICAL PATHWAY	AGE GROUP	X/Q (SEC/M^3)	D/Q (M^{-2})
N	0.55	Inhalation	Child	1.56E-06	1.34E-08
NNE	0.55	Inhalation	Child	2.09E-06	2.34E-08
NE	0.56	Inhalation	Child	1.43E-06	2.32E-08
ENE	---	*	---	---	---
E	---	*	---	---	---
ESE	---	*	---	---	---
SE	4.94	Inhalation	Child	9.69E-09	1.53E-10
SSE	1.82	Vegetation	Child	4.58E-08	8.31E-10
S	3.10	Vegetation	Child	1.75E-08	2.66E-10
SSW	0.70	Vegetation	Child	2.23E-07	4.33E-09
SW	0.67	Inhalation	Child	3.31E-07	6.61E-09
WSW	4.00	Vegetation	Child	2.66E-08	3.68E-10
W	0.97	Vegetation	Child	3.28E-07	4.55E-09
WNW	0.94	Inhalation	Child	2.84E-07	2.94E-09
NW	0.93	Inhalation	Child	2.90E-07	2.55E-09
NNW	0.80	Inhalation	Child	4.83E-07	3.78E-09

*No ingestion pathways are present: these sectors are located over marsh areas and Lake Erie.

Non-Radiological Environmental Programs

Meteorological Monitoring[1]

The Meteorological Monitoring Program at Davis-Besse is required by the Nuclear Regulatory Commission (NRC) as part of the program for evaluating the effects of routine operation of nuclear power stations on the surrounding environment. Both NRC regulations and the Davis-Besse Technical Requirements Manual provide guidelines for the Meteorological Monitoring Program. These guidelines ensure that Davis-Besse has the proper equipment, in good working order, to support the many programs utilizing meteorological data.

Meteorological observations at Davis-Besse began in October 1968. The Meteorological Monitoring Program at Davis-Besse has an extensive record of data with which to perform studies which are used to determine whether Davis-Besse has had any impact upon the local climate. After extensive statistical comparative research the meteorological personnel have found no impact upon local climate or short-term weather patterns.

The Meteorological Monitoring Program also provides data that can be used by many other groups and programs such as the Radiological Environmental Monitoring Program, the Emergency Preparedness Program, Site Chemistry, Plant Operations, Nuclear Security, Materials Management and Industrial Safety, as well as other plant personnel and members of the surrounding community.

The Radiological Environmental Monitoring Program uses meteorological data to aid in evaluating the radiological impact, if any, of radioisotopes released in Station effluents. The meteorological data are used to evaluate radiological environmental monitoring sites to assure the program is as current as possible. The Emergency Preparedness Program uses meteorological data to calculate emergency dose scenarios for emergency drills and exercises and uses weather data to plan evacuations or station isolation during adverse weather. The Chemistry Unit uses meteorological data for chemical spill response activities, marsh management studies, and wastewater discharge flow calculations. Plant Operations uses meteorological data for cooling tower efficiency calculations, Forebay water level availability and plant work which needs certain environmental conditions to be met before work begins. Plant Security utilizes weather data in their routine planning and activities. Materials Management plans certain Plant shipments around adverse weather conditions to avoid high winds and precipitation, which would cause delays in material deliveries and safety concerns. Industrial Safety uses weather and climate data to advise personnel of unsafe working conditions due to environmental conditions, providing a safer place to work. Regulatory Affairs uses climate data for their investigation into adverse weather accidents in relation to the Plant and personnel.

1. Detailed meteorological information is available upon request.

On-Site Meteorological Monitoring

System Description

At Davis-Besse there are two independent meteorological systems, a primary and a backup. Both are housed in separate environmentally controlled buildings with independent power supplies. Both primary and backup systems have been analyzed to be statistically identical, so that if a redundant system in one unit fails, the other system can take its place. The instrumentation of each system follows:

PRIMARY	BACKUP
100 Meter Wind Speed	100 Meter Wind Speed
75 Meter Wind Speed	75 Meter Wind Speed
10 Meter Wind Speed	10 Meter Wind Speed
100 Meter Wind Direction	100 Meter Wind Direction
75 Meter Wind Direction	75 Meter Wind Direction
10 Meter Wind Direction	10 Meter Wind Direction
100 Meter Delta Temperature	100 Meter Delta Temperature
75 Meter Delta Temperature	75 Meter Delta Temperature
10 Meter Ambient Temperature	10 Meter Ambient Temperature
Precipitation	10 Meter Solar Incidence

Meteorological Instrumentation

The meteorological system consists of one monitoring site located at an elevation of 577 feet above mean sea level (IGLD 1955)*. It contains a 100 meter (m) free-standing tower located approximately 3,000 feet SSW of the Cooling Tower and a 10m auxiliary tower located 100 feet west of the 100 m tower. Both are used to gather the meteorological data. The 100m tower has primary and backup instruments for wind speed and wind direction at 100m and 75m. The 100m tower also measures differential temperature (delta Ts): 100-10m and 75-10m. The 10m tower has instruments for wind speed and wind direction. Precipitation is measured by a tipping bucket rain gauge located near the base of the 10m tower.

According to the Davis-Besse Nuclear Power Station Technical Requirements Manual, the following five instruments are required to be operable: 75m Wind Speed and Wind Direction, 10m Wind Speed and Wind Direction, and 75m-10m Delta Temperature (which requires 75m Temperature and 10m Temperature). During 2021, average annual data recoveries for all required instruments were greater than 99.9 percent. Minor losses of data occurred during routine instrument maintenance, calibration, and data validation.

Personnel at Davis-Besse inspect the meteorological site and instrumentation regularly. Data are reviewed daily to ensure that all communication pathways, data availability and data reliability are working as required. Tower instrumentation maintenance and semi-annual calibrations are performed by in-house facilities and by an outside consulting firm. These instruments are wind tunnel tested to assure compliance with applicable regulations and plant specifications.

* International Great Lakes Datum - 1955

Meteorological Data Handling and Reduction

Each meteorological system, primary and backup, have two Campbell Scientific Data-loggers assigned to them. The primary meteorological system's data-logger sends 900-second averages of meteorological sensor data (e.g. wind speed or wind direction) to the control room via the plant INFO Servers. If a failure occurs at any point between the primary meteorological system and the control room, the control room can utilize the second data-logger in the primary shelter. The backup meteorological system is designed to function in the same as fashion the primary meteorological system. For the site to lose all meteorological data, the primary and backup meteorological systems would have to lose all four data-loggers. Such a situation is highly improbable as each meteorological system is powered by a different power supply and equipped with lightning and surge protection, plus four independent communication lines and data-logger battery backup.

Data from the primary and backup meteorological systems are stored in a 30-day circular storage module with permanent storage, since 2019, in PI databases. If questionable data on the primary system cannot be corroborated by the backup system, the data in question are eliminated and not incorporated into the final database. All validated data are then documented and stored on hard copy and in digital format for a permanent record of meteorological conditions.

Meteorological Data Summaries

This section contains Tables 26-28, which summarize meteorological data collected from the on-site monitoring program in 2021.

Wind Speed and Wind Direction

Wind sector graphics represent the frequency of wind direction by sector and the wind speed in mph by sector. This data is used by the NRC to better understand local wind patterns as they relate to defined past climatological wind patterns reported in Davis-Besse's Updated Safety Analysis Report. The maximum sustained wind speeds at each meteorological tower instrument elevation recorded during 2021 are as follows:

- 100-meter – 49.29 mph on December 11th
- 75-meter – 46.84 mph on December 11th
- 10-meter – 32.53 mph on December 11th

Figures 30-32 provide an annual sector graphic of average wind speed and percent frequency by direction measured at the three monitoring levels. Each wind sector graphic has two radial bars. The darker bar represents the percent of time the wind blew from that direction. The hatched bar represents the average wind speed from that direction. Wind direction sectors are classified using Pasquill Stabilities. Percent calms (less than or equal to 1.0 mph) are shown in the middle of the wind sector graphic.

Ambient and Differential Temperatures

Monthly average, minimum and maximum ambient temperatures for 2021 are provided in Table 27. The parameters were measured at the 10m level; with differential temperatures taken from 100m and 75m levels. The yearly average ambient temperature was 53.08°F. The maximum

temperature was 89.88°F on June 29th with a minimum temperature of 1.61°F on February 17th. Yearly average differential temperatures were -0.47°F (100-10m), and -0.24°F (75-10m). Maximum differential temperatures for 100-10 meter and 75-10m levels were 7.99°F on April 6th and 7.97°F on November 10th respectively. Minimum differential temperatures were -4.00°F (100-10m) and -4.00°F (75-10m) on October 9th. Differential temperatures are a measurement of atmospheric stability and used to calculate radioactive plume dispersions based on Gaussian Plume Models of continuous effluent releases.

Precipitation

Monthly totals and extremes of precipitation at Davis-Besse for 2021 are provided in Table 27. Total precipitation for the year was 31.18 inches. The maximum daily precipitation total was 1.30 inches on July 24th. There were many days in which no precipitation was recorded. It is likely that precipitation totals recorded in colder months are somewhat less than actual due to snow/sleet blowing across the collection unit rather than accumulating in the gauge.

Lake Breeze and Lake Level Monitoring

The “Lake Breeze” condition is monitored at Davis-Besse because of its potential to cause major atmospheric/ dispersion problems during the unlikely event of an unplanned radioactive release.

A lake breeze event can occur during the daytime, usually during the summer, under the conditions in which the land surface heats up faster than the water and reaches warmer temperatures than the temperature of the water. The warmer air above the land rises faster because it is less dense than the cooler air over the lake. This leads to rising air currents over the land with denser cold air descending over the lake. This starts a wind circulation which draws air from the water to the land during the daytime, creating a "Lake Breeze" effect. This event could be problematic if a release were to occur, because diffusion would be slow, thus creating an adverse atmosphere to the area surrounding the site. A Lake Breeze condition was not identified near Davis-Besse during 2021.

Lake and Forebay levels are monitored at Davis-Besse to observe, evaluate, predict and disseminate high or low lake level information. This data is critical to the operation of the plant due to the large amounts of water needed to cool plant components. If water levels get too low, the plant operators can take measures to ensure safe shutdown of the plant. Since Lake Erie is the shallowest of the Great Lakes, it is not uncommon for five feet of lake level fluctuation to occur within an eight to ten hour period (plus or minus). High water levels also affect the plant due to emergency transportation and evacuation routes.

Meteorological Data

Meteorological data, for January 1 through December 31, 2021, has been submitted with this document to the U. S. Nuclear Regulatory Commission, Document Control Desk, Washington, D.C. 20555.

Table 26
Summary of Meteorological Data Recovery for 2021
Davis-Besse Nuclear Power Station
January 1, 2021 through December 31, 2021*

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2021
100M Wind Speed	100.00	100.00	99.87	99.72	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.87	**99.95**
100M Wind Direction	100.00	100.00	99.87	99.72	100.00	100.00	100.00	100.00	99.86	100.00	100.00	99.87	**99.94**
75M Wind Speed	100.00	100.00	99.87	99.72	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.87	**99.95**
75M Wind Direction	100.00	100.00	99.87	99.58	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.87	**99.94**
10M Wind Speed	100.00	100.00	99.87	99.72	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.87	**99.95**
10M Wind Direction	100.00	100.00	99.87	99.72	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.87	**99.95**
10M Ambient Air Temp	100.00	100.00	99.87	100.00	100.00	100.00	100.00	100.00	99.72	100.00	100.00	99.87	**99.95**
Delta T (100M-10M)	99.06	98.21	97.72	96.81	98.92	100.00	99.87	99.73	99.03	98.66	99.86	99.87	**98.98**
Delta T (75M-10M)	100.00	100.00	99.87	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.87	**99.98**
Joint 100M Winds and Delta T (100M-10M)	99.06	98.21	97.72	96.81	98.92	100.00	99.87	99.73	99.03	98.66	99.86	99.87	**98.98**
Joint 75M Winds and Delta T (100M-10M)	99.06	98.21	97.72	96.81	98.92	100.00	99.87	99.73	99.03	98.66	99.86	99.87	**98.98**
Joint 10M Winds and Delta T (75M-10M)	100.00	100.00	99.87	99.72	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.87	**99.98**

*All data for individual months expressed as percent of time instrument was operable during the month, divided by the maximum number of hours in that month that the instrument could be operable. Values for annual data recoveries equals the percent of time instrument was operable during the year, divided by the number of hours in the year that the instrument was operable.

Table 27
Summary of Meteorological Data Measured for 2021
Davis-Besse Nuclear Power Station
January 1, 2021 through December 31, 2021

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2021
100M WIND													
Max Speed (mph)	33.76	44.19	43.25	34.32	45.73	35.32	29.39	34.98	41.46	34.21	33.15	49.29	**49.29**
Date of Max Speed	01/21	02/05	03/11	04/09	05/28	06/18	07/11	08/11	09/22	10/26	11/21	12/11	**12/11**
Min Speed (mph)	0.84	1.07	1.57	2.36	0.79	1.69	0.63	1.46	1.23	1.21	1.53	0.02	**0.02**
Date of Min Speed	01/05	02/17	03/02	04/13	05/05	06/08	07/03	08/17	09/29	10/24	11/16	12/03	**12/03**
Ave Wind Speed	14.43	17.26	18.64	16.07	14.25	14.05	12.54	11.58	15.63	15.39	16.97	16.82	**15.28**
75M WIND													
Max Speed (mph)	32.34	42.27	40.27	31.91	43.64	30.77	27.40	31.56	37.43	32.40	31.93	46.84	**46.84**
Date of Max Speed	01/21	02/05	03/11	04/09	05/28	06/18	07/11	08/11	09/22	10/26	11/21	12/11	**12/11**
Min Speed (mph)	1.26	1.01	1.42	2.11	0.83	0.48	1.17	0.59	0.63	0.98	0.32	1.00	**0.32**
Date of Min Speed	01/05	02/14	03/02	04/14	05/03	06/08	07/03	08/27	09/29	10/18	11/04	12/29	**11/04**
Ave Wind Speed	13.51	15.67	16.95	14.70	13.05	12.57	11.34	10.60	14.05	13.84	15.34	15.46	**13.90**
10M WIND													
Max Speed (mph)	23.58	31.63	27.80	19.91	27.82	22.04	17.38	19.32	29.51	24.81	20.21	32.53	**32.53**
Date of Max Speed	01/21	02/05	03/19	04/30	05/28	06/21	07/02	08/01	09/22	10/26	11/21	12/11	**12/11**
Min Speed (mph)	0.00	0.93	0.20	0.97	0.00	0.67	0.13	0.09	0.15	0.35	0.27	1.17	**0.00**
Date of Min Speed	01/25	02/14	03/21	04/16	05/31	06/08	07/18	08/26	09/27	10/14	11/04	12/03	**05/31**
Ave Wind Speed	8.82	10.04	10.50	8.80	7.87	6.99	6.80	5.88	8.08	7.70	8.42	8.77	**8.21**

Table 27 (continued)
Summary of Meteorological Data Measured for 2021
Davis-Besse Nuclear Power Station
January 1, 2021 through December 31, 2021

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2021
10M AMBIENT TEMP													
Max (F)	44.23	57.73	71.15	82.65	86.93	89.88	88.68	88.88	88.45	81.7	67.72	61.86	**89.88**
Date of Max	01/13	02/28	03/30	04/27	05/25	06/29	07/05	08/29	09/14	10/14	11/11	12/11	**06/29**
Min (F)	16.52	1.61	21.15	29.15	37.56	53.46	60.27	60.65	47.85	40.55	24.68	22.4	**1.61**
Date of Min	01/23	02/17	03/02	04/01	05/10	06/22	07/03	08/03	09/23	10/24	11/23	12/07	**02/17**
Ave Temp	30.37	23.50	43.32	50.77	59.49	72.08	73.50	74.97	67.70	59.86	40.63	38.55	**53.08**
PRECIPITATION													
Total (inches)	1.08	0.16	0.96	1.90	3.42	2.89	4.46	3.18	4.64	6.00	1.20	1.29	**31.18**
Max in One Day	0.27	0.05	0.23	0.24	0.37	0.30	1.30	0.57	0.70	0.48	0.09	0.17	**1.30**
Date	01/01	02/04	03/26	04/10	05/23	06/25	07/24	08/11	09/13	10/24	11/11	12/05	**07/24**

Figure 31
Wind Rose Annual Average 100M

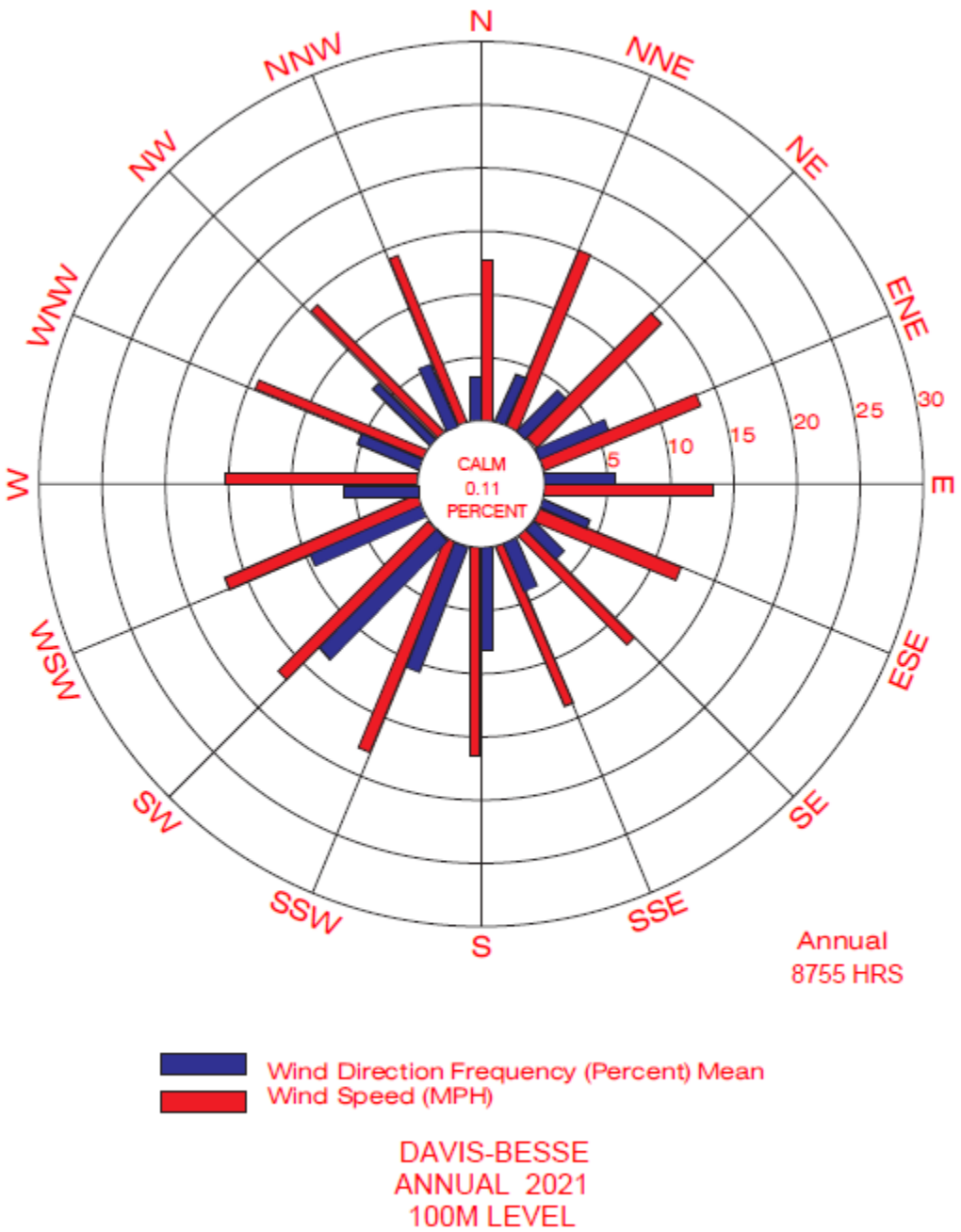

Figure 32
Wind Rose Annual Average 75M

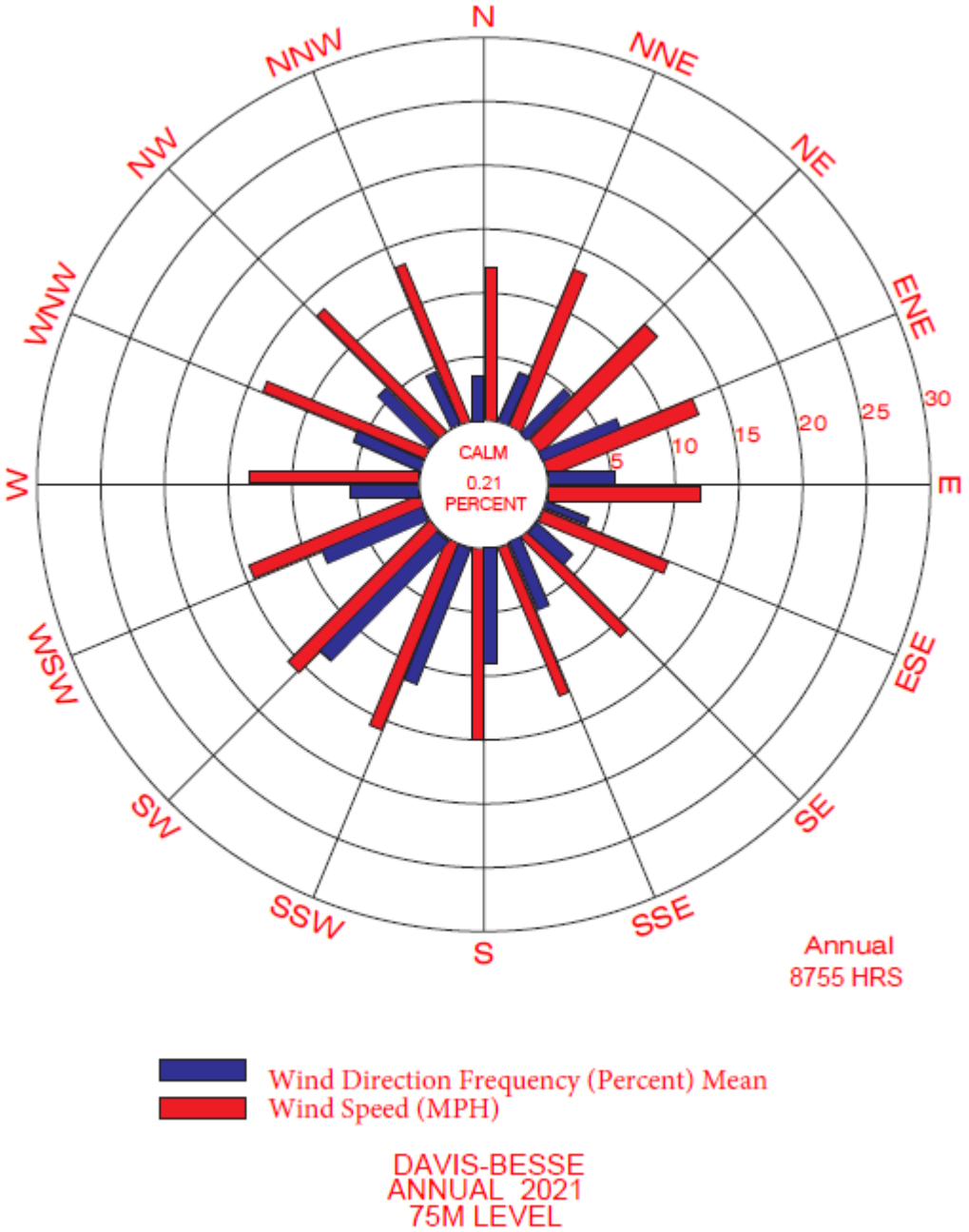

Figure 33
Wind Rose Annual Average 10M

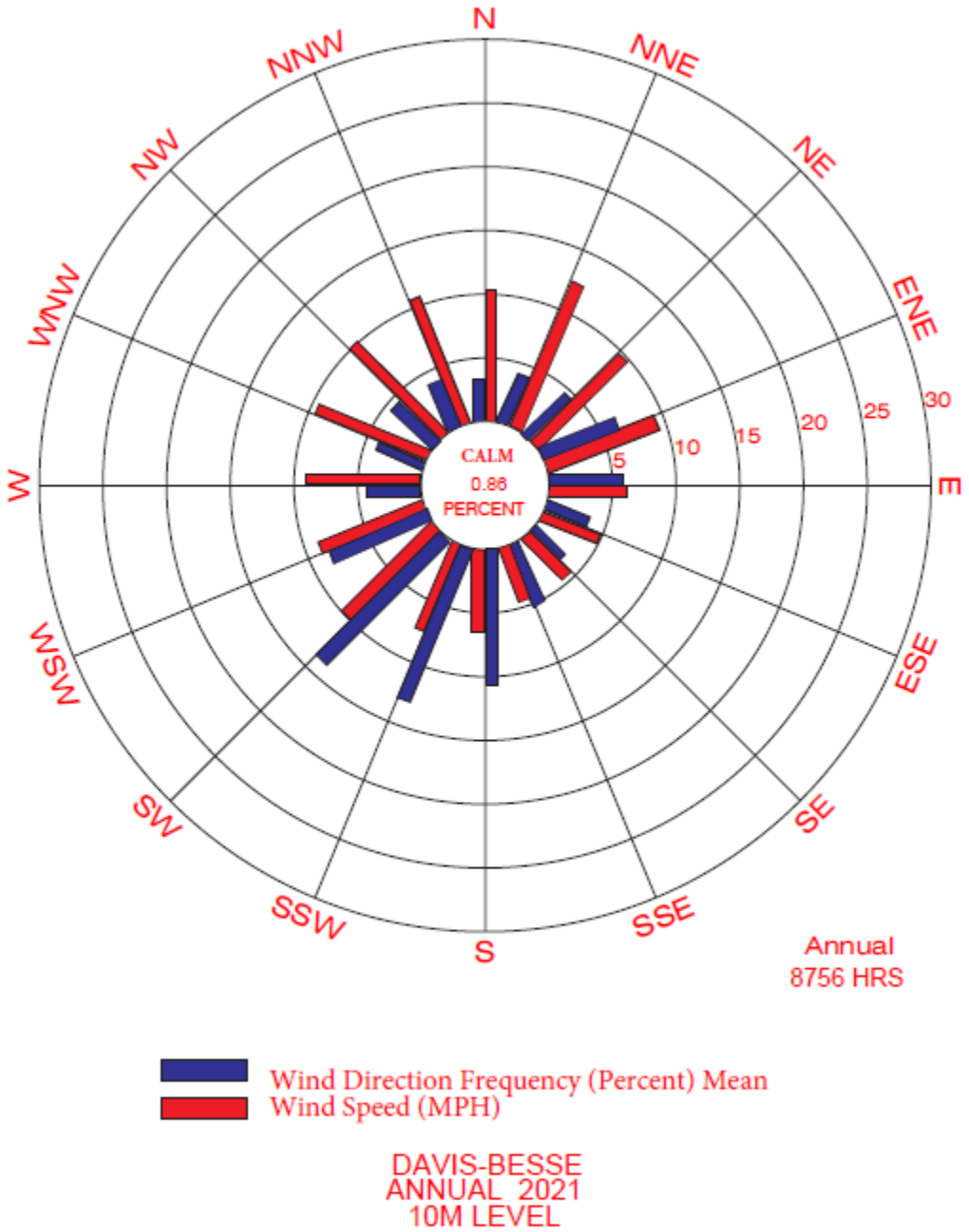

Table 28
Joint Frequency Distribution by Stability Class

DAVIS-BESSE NUCLEAR POWER STATION

PROGRAM: JFD VERSION: PC-1.2

DAVIS-BESSE 75-10 DT, NO BACKUP SITE IDENTIFIER: 21

DATA PERIOD EXAMINED: 01/01/21 - 12/31/21

*** ANNUAL ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01 - 3.50	1	0	0	0	3	1	0	0	1	0	1	1	2	2	0	0	12
3.51 - 7.50	2	3	2	7	8	1	1	4	3	10	8	2	13	24	26	10	124
7.51 - 12.50	1	6	3	14	6	3	0	0	2	12	35	23	18	45	39	9	216
12.51 - 18.50	0	1	2	8	0	0	0	0	1	5	8	5	12	8	15	0	65
18.51 - 24.00	1	0	0	2	1	0	0	0	0	0	0	0	3	0	3	0	10
>24.00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
TOTAL	5	10	7	31	18	5	1	4	7	27	53	31	48	79	83	19	428

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01 - 3.50	0	0	0	0	0	0	1	0	0	0	1	2	0	1	0	0	5
3.51 - 7.50	1	0	1	3	14	4	0	2	1	10	18	3	5	10	3	7	82
7.51 - 12.50	1	1	3	13	2	0	0	0	2	18	45	11	4	10	18	8	136
12.51 - 18.50	0	3	3	1	2	0	0	0	0	10	16	14	5	3	5	1	63
18.51 - 24.00	1	2	1	1	0	0	0	0	0	0	0	2	0	0	0	0	7
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	6	8	18	18	4	1	2	3	38	80	32	14	24	26	16	293

Table 28 (Continued)
Joint Frequency Distribution by Stability Class

DAVIS-BESSE NUCLEAR POWER STATION

PROGRAM: JFD VERSION: PC-1.2

DAVIS-BESSE 75-10 DT, NO BACKUP SITE IDENTIFIER: 21

DATA PERIOD EXAMINED: 01/01/21 - 12/31/21

*** ANNUAL ***

STABILITY CLASS C

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01 - 3.50	0	0	0	1	1	0	0	1	0	0	0	2	0	0	0	0	5
3.51 - 7.50	2	1	3	22	15	9	7	6	1	15	22	6	5	2	14	12	142
7.51 - 12.50	0	2	4	16	6	2	1	0	2	16	52	22	7	3	15	14	162
12.51 - 18.50	1	0	4	4	0	0	0	0	1	17	28	7	2	7	5	5	81
18.51 - 24.00	0	4	0	1	0	0	0	0	0	1	2	0	1	0	0	0	9
>24.00	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
TOTAL	5	9	11	44	22	11	8	7	4	49	104	37	15	12	34	31	403

STABILITY CLASS D

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	10
1.01 - 3.50	12	7	9	12	21	31	20	26	17	11	11	12	6	6	5	4	210
3.51 - 7.50	75	56	91	121	129	60	45	59	109	115	94	86	43	30	30	55	1198
7.51 - 12.50	97	96	119	143	76	21	14	29	99	110	228	165	62	46	69	101	1475
12.51 - 18.50	50	113	48	45	10	1	0	2	23	58	174	66	61	46	54	81	832
18.51 - 24.00	18	32	18	2	1	0	0	0	2	7	23	14	9	6	2	11	145
>24.00	7	15	1	0	0	0	0	0	0	0	15	5	0	0	0	3	46
TOTAL	259	319	286	323	237	113	79	116	250	301	545	348	181	134	160	255	3916

Table 28 (Continued)
Joint Frequency Distribution by Stability Class

DAVIS-BESSE NUCLEAR POWER STATION

PROGRAM: JFD VERSION: PC-1.2

DAVIS-BESSE 75-10 DT, NO BACKUP SITE IDENTIFIER: 21

DATA PERIOD EXAMINED: 01/01/21 - 12/31/21

*** ANNUAL ***

STABILITY CLASS E

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	26
1.01 - 3.50	3	2	7	8	31	21	43	63	59	48	19	18	9	6	10	3	350
3.51 - 7.50	16	25	29	61	88	84	62	116	209	260	100	115	44	35	14	12	1270
7.51 - 12.50	5	5	16	34	25	4	20	15	101	157	133	67	32	35	50	12	711
12.51 - 18.50	2	4	2	7	0	0	0	3	29	41	47	10	9	17	18	11	200
18.51 - 24.00	0	0	0	3	0	0	0	0	2	5	8	4	0	1	0	1	24
>24.00	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
TOTAL	26	36	58	113	144	109	125	197	400	511	307	214	94	94	92	39	2585

STABILITY CLASS F

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	16
1.01 - 3.50	1	0	2	3	6	12	21	76	90	58	34	15	11	2	1	0	332
3.51 - 7.50	1	0	0	4	27	35	10	31	87	131	50	45	24	2	2	1	450
7.51 - 12.50	0	1	1	7	12	2	0	0	2	2	1	3	0	3	2	1	37
12.51 - 18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51 - 24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	1	3	14	45	49	31	107	179	191	85	63	35	7	5	2	835

Table 28 (Continued)
Joint Frequency Distribution by Stability Class

DAVIS-BESSE NUCLEAR POWER STATION

PROGRAM: JFD VERSION PC-1.2

DAVIS-BESSE 75-10 DT, NO BACKUP SITE IDENTIFIER: 21

DATA PERIOD EXAMINED: 01/01/21 - 12/31/21

*** ANNUAL ***

STABILITY CLASS G

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	7
1.01 - 3.50	1	0	1	3	4	6	11	21	33	41	19	13	1	1	0	0	155
3.51 - 7.50	0	0	0	1	11	14	1	9	26	44	11	4	3	3	0	0	127
7.51 - 12.50	0	0	0	2	2	1	0	0	0	0	1	0	0	0	0	1	7
12.51 - 18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51 - 24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	1	6	17	21	12	30	59	85	31	17	4	4	0	1	296

STABILITY ALL

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	59
1.01 - 3.50	18	9	19	27	66	71	96	187	200	158	85	63	29	18	16	7	1069
3.51 - 7.50	97	85	126	219	292	207	126	227	436	585	303	261	137	106	89	97	3393
7.51 - 12.50	104	111	146	229	129	33	35	44	208	315	495	291	123	142	193	146	2744
12.51 - 18.50	53	121	59	65	12	1	0	5	54	131	273	102	89	81	97	98	1241
18.51 - 24.00	20	38	19	9	2	0	0	0	4	13	33	20	13	7	5	12	195
>24.00	9	17	5	0	0	0	0	0	0	0	16	5	0	0	0	3	55
TOTAL	301	381	374	549	501	312	257	463	902	1202	1205	742	391	354	400	363	8756

Land and Wetlands Management

The Navarre Marsh, which is part of the Ottawa National Wildlife Refuge, makes up 733 acres of wetlands on the southwestern shore of Lake Erie and surrounds the Davis-Besse Nuclear Power Station. The marsh is owned by Energy Harbor and jointly managed by the U.S. Fish and Wildlife Service and Energy Harbor. Navarre Marsh is divided into three pools. The pools are separated from Lake Erie and each other by a series of dikes and revetments. Davis-Besse is responsible for the maintenance and repair of the dikes and controlling the water levels in each of the pools.

A revetment is a retaining structure designed to hold water back for the purposes of erosion control and beach formation. Revetments are built with a gradual slope, which causes waves to dissipate their energy when they strike their large surface area. Beach formation is encouraged through the passive deposition of sediment. A dike is a retaining structure designed to hold water for the purpose of flood control and to aid in the management of wetland habitat. When used as a marsh management tool, dikes help in controlling water levels in order to maintain desired vegetation and animal species. Manipulating water levels is one of the most important marsh management techniques used in the Navarre Marsh. Three major types of wetland communities exist in Navarre Marsh, the freshwater marsh, the swamp forest, and the wet meadow. Also, there exists a narrow dry beach ridge along the lakefront, with a sandbar extending out into Lake Erie. All these areas provide essential food, shelter and nesting habitat, as well as a resting area for migratory birds.

Davis-Besse personnel combine their efforts with a number of conservation agencies and organizations. The Ottawa National Wildlife Refuge, the Ohio Department of Natural Resources (ODNR), and the Black Swamp Bird Observatory work to preserve and enhance existing habitat. Knowledge is gained through research and is used to help educate the public about the importance of preserving wetlands.

With its location along two major migratory flyways, the Navarre Marsh serves as a refuge for a variety of birds in the spring and fall, giving them an area to rest and restore energy reserves before continuing their migration. The Black Swamp Bird Observatory, a volunteer research group, captures, bands, catalogues, and releases songbirds in the marsh during these periods.

Navarre Marsh is also home to wildlife that is typical of much of the marshland in this area, including deer, fox, coyote, beavers, muskrats, mink, rabbits, groundhogs, hawks, owls, ducks, geese, herons, snakes and turtles. American Bald Eagles chose the Navarre Marsh as a nesting site in late 1994, and fledged a healthy eaglet in July 1995. A second pair built a nest in 1999-2000. Numerous eagles have fledged from these two nests since 1994.

Water Treatment Plant Operation

Description

The Davis-Besse Nuclear Power Station draws water from Lake Erie for its water treatment plant. The lake water is treated with sodium hypochlorite and/or sodium bromide, coagulant aid, filtration, electrolysis and demineralization to produce high-purity water used in many of the Station's cooling systems.

Water from the Carroll Township Water Treatment Plant is used in Davis-Besse's Fire Protection System and as a backup supply to the demineralized water production system.

Water Treatment System

Raw water from Lake Erie enters an intake structure, then passes through traveling screens which remove debris greater than one-half inch in size. The water is then pumped to chlorine detention tanks. Next, the water is sent to the pre-treatment system, which is comprises coagulation and filtration to remove sediment, organic debris, and certain dissolved compounds from the raw water. The next step of the process is reverse osmosis, where pressure is used to remove certain impurities by passing the water through a selectively-permeable membrane. The water is then stripped of dissolved gases, softened, electrolytically deionized and finally, is routed through a polishing demineralization process before being sent to storage.

Domestic Water

When Davis-Besse began operation all site domestic water was produced in the Water Treatment Facility. Operation of the domestic water treatment and distribution system, including the collection and analysis of daily samples, was reportable to the Ohio Environmental Protection Agency.

Since December of 1998, the Carroll Township Water Treatment Plant has supplied domestic water to Davis-Besse. Carroll Township Water and Wastewater District follow all applicable regulatory requirements for the sampling and analysis of Station drinking water.

Zebra Mussel Control

With the exception of its domestic water, the Plant withdraws all of its water through an intake system from Lake Erie. Zebra mussels have, in the past, had the potential to severely impact the availability of water for Plant processes. *Dreissena polymorpha*, commonly known as the zebra mussel, is a native European bivalve that was introduced into the Great Lakes in 1986 and was discovered in Lake Erie in 1989. Zebra mussels are prolific breeders that rapidly colonize an area by forming byssal threads, which enable them to attach to solid surfaces and to each other. Because of their ability to attach in this manner, they may form layers several inches deep. This has posed problems to facilities in the past for water intakes on Lake Erie because mussels attach to the intake structures and restrict water flow. Zebra mussels have not caused any significant problems at Davis-Besse due to effective biocide control. At present, the mussel populations are declining.

Algae Control

Lake Erie continues to exhibit changes, and strand-forming blue-green algae has become more prolific during the last few years. Blue-green algae has the potential to cause problems with Circulating Water screen plugging and system fouling. Increased addition of oxidants has kept the algae in check thus far, but changes in lake conditions requires constant vigilance to prevent operational challenges.

Wastewater Treatment Plant (WWTP) Operation

The WWTP operation is supervised by an Ohio licensed Wastewater Operator. Wastewater generated by site personnel is treated in an onsite extended aeration package treatment facility designed to accommodate up to 38,000 gallons per day. In the treatment process, wastewater from the various collection points around the site enters the facility through a grinder, from where it is distributed to the surge tanks of one or both of the treatment plants.

The wastewater is then pumped into aeration tanks, where it is digested by microorganisms. Oxygen is necessary for good sewage treatment, and is provided to the microbes by blowers and diffusers. The mixture of organics, microorganisms, and decomposed wastes is called activated sludge. The treated wastewater settles in a clarifier, and the clear liquid leaves the clarifier under a weir and exits the plant through an effluent trough. The activated sludge contains the organisms necessary for continued treatment, and is pumped back to the aeration tank to digest incoming wastewater. The effluent leaving the plant is drained to the wastewater basin (NPDES Outfall 601) where further treatment takes place.

National Pollutant Discharge Elimination System (NPDES) Reporting

The Ohio Environmental Protection Agency (OEPA) has established limits on the amount of pollutants that Davis-Besse may discharge to the environment. These limits are regulated through the Station's National Pollutant Discharge Elimination System (NPDES) permit. Permit number 2IB00011*KD has an effective date of May 1, 2018 and is valid for 5 years from the effective date. Parameters such as chlorine, suspended solids and pH are monitored under the NPDES permit. Davis-Besse personnel prepare the NPDES Reports and submit them to the OEPA each month.

Davis-Besse has eight sampling points described in the NPDES permit. Seven of these locations are discharge points/outfalls or Internal Monitoring Stations, and one is a temperature monitoring location. Descriptions of these sampling points follow:

Outfall 001

Collection Box: a point representative of discharge to Lake Erie
Source of Wastes: Low volume wastes (Outfalls 601 and 602), Circulating Water system blow-down and Service Water

Outfall 002

Area Runoff: Discharge to Toussaint River
Source of Wastes: Storm water runoff, Circulating Water pump house sumps

Outfall 003

Screenwash Catch Basin: Outfall to Navarre Marsh
Source of Wastes: Backwash water and debris from water intake screens

Outfall 004/005

Cooling Tower Basin Ponds: Outfall to State Route 2 Ditch
Source of Wastes: Circulating Water System drain (only during system outages)

Sludge Monitoring 588

Sludge Monitoring
Source of Wastes: Wastewater Plant sludge shipped for offsite processing

Internal Monitoring Station 601

Wastewater Plant Tertiary Treatment Basin: Discharge from Wastewater Treatment Plant
Sources of Wastes: Wastewater Treatment Plant

Internal Monitoring Station 602

Low volume wastes: Discharge from settling basins
Sources of wastes: Water treatment residues, Condensate Polishing Holdup Tank decants and Condensate Pit sumps

Intake Monitoring 801

Intake temperature: Intake water prior to cooling operation

2021 NPDES Summary

During 2021, Davis-Besse Nuclear Power Station had zero exceedances of the NPDES permit.

Chemical Waste Management

The Chemical Waste Management Program for hazardous and nonhazardous chemical wastes generated at the Davis-Besse Nuclear Power Station was developed to ensure wastes are managed and disposed of in accordance with all applicable state and federal regulations.

Resource Conservation and Recovery Act

The Resource Conservation and Recovery Act (RCRA) is the statute which regulates solid hazardous waste. Solid waste is defined as a solid, liquid, semi-solid, or contained gaseous material. The major goals of RCRA are to establish a hazardous waste regulatory program to protect human

health and the environment and to encourage the establishment of solid waste management, resource recovery, and resource conservation systems. The intent of the hazardous waste management program is to control hazardous wastes from the time they are generated until they are properly disposed of, commonly referred to as "cradle to grave" management. Anyone who generates, transports, stores, treats, or disposes of hazardous waste are subject to regulation under RCRA.

Under RCRA, there are essentially three categories of waste generators:

- Large quantity Generators - A facility which generates 1,000 kilograms/month (2,200 lbs./month) or more.
- Small quantity Generators - A facility which generates less than 1,000 kilograms/ month (2,200 lbs./month).
- Very Small Quantity Generators - A facility which generates 100 kilograms/month (220 lbs./month).

In 2021, the Davis-Besse Nuclear Power Station generated approximately 1,092 pounds of hazardous waste.

Non-hazardous waste generated in 2021 included 7,952 gallons of used oil and 6,720 pounds of other nonhazardous wastes such as oil filters, resins and caulks.

RCRA mandates other requirements such as the use of proper storage and shipping containers, labels, manifests, reports, personnel training, a spill control plan and an accident contingency plan. These are part of the Chemical Management Program at Davis-Besse. The following are completed as part of the hazardous waste management program and RCRA regulations:

- Weekly Inspections of the Chemical Waste Accumulation Areas are designated throughout the site to ensure proper handling and disposal of chemical waste. These, along with the Chemical Waste Storage Area, are routinely patrolled by security personnel and inspected weekly by Environmental and Chemistry personnel. All areas used for storage or accumulation of hazardous waste are posted with warning signs and drums are color-coded for easy identification of waste categories.

- Waste Inventory Forms are placed on waste accumulation drums or provided in the accumulation area for employees to record the waste type and amount when chemicals are added to the drum. This ensures that incompatible wastes are not mixed and also identifies the drum contents for proper disposal.

Other Environmental Regulating Acts

Comprehensive Environmental Response, Compensation and Liability Act

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, or Superfund) established a federal authority and source of funding for responding to spills and other releases of hazardous materials, pollutants and contaminants into the environment. Superfund establishes "reportable quantities" for several hundred hazardous materials and regulates the cleanup of abandoned hazardous waste disposal sites.

Superfund Amendment and Reauthorization Act (SARA)

Superfund was amended in October 1986 to establish new reporting programs dealing with emergency preparedness and community right-to-know laws. As part of this program, CERCLA is enhanced by ensuring that the potential for release of hazardous substances is minimized, and that adequate and timely responses are made to protect surrounding populations.

Davis-Besse conducts site-wide inspections to identify and record all hazardous products and chemicals onsite as required by SARA. Determinations are made as to which products and chemicals are present in reportable quantities.

Annual SARA reports are submitted to local fire departments and state and local planning commissions by March 1 for the preceding calendar year.

Toxic Substances Control Act (TSCA)

The Toxic Substance Control Act (TSCA) was enacted to provide the USEPA with the authority to require testing of new chemical substances for potential health effects before they are introduced into the environment, and to regulate them where necessary. This law would have little impact on utilities except for the fact that one family of chemicals, polychlorinated biphenyls (PCBs), has been singled out by TSCA. This has resulted in an extensive PCB management system, very similar to the hazardous waste management system established under RCRA.

In 1992, Davis-Besse completed an aggressive program that eliminated PCB transformers onsite. PCB transformers were either changed out with non-PCB fluid transformers or retro-filled with non-PCB liquid.

Retro-filling PCB transformers involves flushing the PCB fluid out of a transformer, refilling it with PCB-leaching solvents and allowing the solvent to circulate in the transformer during operation. The entire retro-fill process takes several years and will extract almost all of the PCB. In all, Davis-Besse performed retro-fill activities on eleven PCB transformers between 1987 and 1992. The only remaining PCB containing equipment onsite are a limited number of capacitors. These capacitors are being replaced and disposed of during scheduled maintenance activities.

Clean Air Act

The Clean Air Act identifies substances that are considered air pollutants. Davis-Besse holds an OEPA permit to operate an Air Contaminant Source for the station Auxiliary Boiler. This boiler is used to heat the station and provide steam to plant systems when the reactor is not operating. The Ohio EPA has granted an exemption from permitting the seven Davis-Besse diesel engines, including the Station Blackout Diesel Generator, the 2 Emergency Diesel Generators, the Emergency Response Facility Diesel Generator, the Miscellaneous Diesel, the Fire Pump Diesel, and the Diesel Driven Emergency Feedwater Pump. These sources are operated infrequently to verify their reliability, and would only be used in the event of an emergency. A report detailing the operation of these air emission sources is submitted biennially.

In response to "Clean Air Act Title V" legislation, an independent study identifying and quantifying all of the air pollution sources onsite was performed. Of particular significance is asbestos removal from renovation and demolition projects for which USEPA has outlined specific regulations concerning handling, removal, environmental protection, and disposal. Also, the Occupational Safety and Health Protection Administration (OSHA) strictly regulates asbestos with a concern for worker protection. Removal teams must meet medical surveillance, respirator fit tests, and training requirements prior to removing asbestos-containing material. Asbestos is not considered a hazardous waste by RCRA, but the EPA does require special handling and disposal of this waste under the Clean Air Act.

Transportation Safety Act

The transportation of hazardous chemicals, including chemical waste, is regulated by the Transportation Safety Act of 1976. These regulations are enforced by the United States Department of Transportation (DOT) and cover all aspects of transporting hazardous materials, including packing, handling, labeling, marking, and placarding. Before any wastes are transported off site, Davis-Besse must ensure that the wastes are identified, labeled and marked according to DOT regulations, including verification that the vehicle has appropriate placards and it is in good operating condition.

Other Environmental Programs

Underground Storage Tanks

According to RCRA, facilities with Underground Storage Tanks (USTs) are required to notify the State. This regulation was implemented in order to provide protection from tank contents leaking and causing damage to the environment. Additional standards require leak detection systems and performance standards for new tanks. At Davis-Besse, two 40,000 gallon and one 8,000 gallon diesel fuel storage tanks are registered USTs.

Spill Kits

Spill control equipment is maintained throughout the Station at chemical storage areas and hazardous chemical and oil use areas. Equipment in the kits may include chemical-resistant coveralls, gloves, boots, decontamination agents, absorbent cloth, goggles and warning signs.

Waste Minimization and Recycling

Municipal Solid Waste (MSW) is normal trash produced by individuals at home and by industries. In some communities, MSW is burned in specially designed incinerators to produce power or is separated into waste types (such as aluminum, glass, and paper) and recycled. The vast majority of MSW is sent to landfills for disposal. As the population increases and older landfills reach their capacity, MSW disposal becomes an important economic, health, and resource issue.

The State of Ohio has addressed the issue with the State Solid Waste Management Plan, otherwise known as Ohio House Bill 592. The intent of the bill is to extend the life of existing landfills by reducing the amount of MSW produced, by reusing certain waste material, and by recycling other wastes. This is frequently referred to as **"Reduce, Reuse,** and **Recycle"**. Davis-Besse has implemented and participated in company-wide programs that emphasize the reduction, reuse, recycle approach to MSW management. An active Investment Recovery Program has greatly contributed to the reduction of both hazardous and municipal waste generated by evaluating options for uses of surplus materials prior to the materials entering Davis-Besse's waste streams. Such programs include aluminum cans, used tires, and metals recycling or recovery. Aluminum soft drink cans are collected for the Boy Scouts of America to recycle. Additionally, lead-acid batteries are recycled and tires are returned to the seller for proper disposal.

Although scrap metal is not usually considered part of the MSW stream, Davis-Besse collects and recycles scrap metals, which are sold at market price to a scrap dealer for resource recovery.

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APPENDIX A

INTERLABORATORY AND INTRALABORATORY
COMPARISON PROGRAM RESULTS

NOTE: Appendix A is updated four times a year. The complete appendix is included in March, June, September and December monthly progress reports only.

January, 2021 through December, 2021

Appendix A

Interlaboratory/ Intralaboratory Comparison Program Results

Environmental, Inc., Midwest Laboratory has participated in interlaboratory comparison (crosscheck) programs since the formulation of its quality control program in December 1971. These programs are operated by agencies which supply environmental type samples containing concentrations of radionuclides known to the issuing agency but not to participant laboratories. The purpose of such a program is to provide an independent check on a laboratory's analytical procedures and to alert it of any possible problems.

Participant laboratories measure the concentration of specified radionuclides and report them to the issuing agency. Several months later, the agency reports the known values to the participant laboratories and specifies control limits. Results consistently higher or lower than the known values or outside the control limits indicate a need to check the instruments or procedures used.

Results in Table A-1 were obtained through participation in the RAD PT Study Proficiency Testing Program administered by Environmental Resource Associates, serving as a replacement for studies conducted previously by the U.S. EPA Environmental Monitoring Systems Laboratory, Las Vegas, Nevada.

Table A-2 lists results for thermoluminescent dosimeters (TLDs), via irradiation and evaluation by the University of Wisconsin-Madison Radiation Calibration Laboratory at the University of Wisconsin Medical Radiation Research Center.

Table A-3 lists results of the analyses on intralaboratory "spiked" samples for the past twelve months. All samples are prepared using NIST traceable sources. Data for previous years available upon request.

Table A-4 lists results of the analyses on intralaboratory "blank" samples for the past twelve months. Data for previous years available upon request.

Table A-5 lists analytical results from the intralaboratory "duplicate" program for the past twelve months. Acceptance is based on each result being within 25% of the mean of the two results or the two sigma uncertainties of each result overlap.

The results in Table A-6 were obtained through participation in the Mixed Analyte Performance Evaluation Program.

Results in Table A-7 were obtained through participation in the MRAD PT Study Proficiency Testing Program administered by Environmental Resource Associates, serving as a replacement for studies conducted previously by the Environmental Measurement Laboratory Quality Assessment Program (EML).

Attachment A lists the laboratory acceptance criteria for various analyses.

Out-of-limit results are explained directly below the result.

Attachment A

ACCEPTANCE CRITERIA FOR INTRALABORATORY "SPIKED" SAMPLES

Analysis	Ratio of lab result to known value.
Gamma Emitters	0.8 to 1.2
Strontium-89, Strontium-90	0.8 to 1.2
Potassium-40	0.8 to 1.2
Gross alpha	0.5 to 1.5
Gross beta	0.8 to 1.2
Tritium	0.8 to 1.2
Radium-226, Radium-228	0.7 to 1.3
Plutonium	0.8 to 1.2
Iodine-129, Iodine-131	0.8 to 1.2
Nickel-63, Technetium-99, Uranium-238	0.7 to 1.3
Iron-55	0.8 to 1.2
Other Analyses	0.8 to 1.2

TABLE A-1. Interlaboratory Comparison Crosscheck program, Environmental Resource Associates (ERA)[a].
RAD study

Lab Code	Date	Analysis	Concentration (pCi/L) Laboratory Result	ERA Result	Control Limits	Acceptance
RAD-124 Study						
ERW-94	1/11/2021	Ba-133	24.1 ± 3.5	23.8	18.4 - 27.4	Pass
ERW-94	1/11/2021	Cs-134	46.1 ± 3.1	42.8	34.2 - 47.1	Pass
ERW-94	1/11/2021	Cs-137	154 ± 6.0	148	133 - 165	Pass
ERW-94	1/11/2021	Co-60	39.4 ± 3.2	34.6	30.8 - 40.8	Pass
ERW-94	1/11/2021	Zn-65	66.2 ± 6.3	61.6	54.6 - 75.0	Pass
ERDW-96	1/11/2021	Gr. Alpha	58.4 ± 2.6	63.3	33.2 - 78.5	Pass
ERDW-96	1/11/2021	Gr. Beta	38.1 ± 1.3	39.8	26.4 - 47.3	Pass
ERDW-98	1/11/2021	Ra-226	16.3 ± 0.5	15.5	11.5 - 17.8	Pass
ERDW-98	1/11/2021	Ra-228	12.3 ± 1.2	12.9	8.54 - 15.8	Pass
ERDW-98	1/11/2021	Uranium	33.2 ± 1.8	30.1	24.4 - 33.4	Pass
ERW-100	1/11/2021	H-3	2,100 ± 160	2,120	1,750 - 2,350	Pass
RAD-126 Study						
ERDW-2194	7/12/2021	Ba-133	44.1 ± 4.0	45.5	37.2 - 50.6	Pass
ERDW-2194	7/12/2021	Cs-134	85.2 ± 3.9	87.5	71.8 - 96.2	Pass
ERDW-2194	7/12/2021	Cs-137	218 ± 8	208	187 - 230	Pass
ERDW-2194	7/12/2021	Co-60	91.7 ± 4.0	87.1	78.4 - 98.1	Pass
ERDW-2194	7/12/2021	Zn-65	114 ± 9	102	91.8 - 122.0	Pass
ERDW-2196	7/12/2021	Gr. Alpha	61.5 ± 2.9	49.1	25.6 - 61.7	Pass
ERDW-2196	7/12/2021	Gr. Beta	31.7 ± 1.3	31.5	20.3 - 39.2	Pass
ERDW-2200	7/12/2021	Ra-226	16.5 ± 0.5	13.4	10.0 - 15.4	Fail[b]
ERDW-2200	7/12/2021	Ra-228	8.7 ± 1.0	7.6	4.81 - 9.7	Pass
ERDW-2200	7/12/2021	Uranium	71.7 ± 2.3	62.3	50.9 - 68.5	Fail[c]
ERDW-2202	7/12/2021	H-3	11,300 ± 300	10,400	9,050 - 11,400	Pass
ERDW-2198	7/12/2021	I-131	22.3 ± 1.1	20.8	17.2 - 25.0	Pass

* Results obtained by Environmental, Inc., Midwest Laboratory as a participant in the crosscheck program for proficiency testing in drinking water conducted by Environmental Resource Associates (ERA).

[b] The radium-226 result did not meet ERA acceptance criteria.

[c] The uranium result did not meet ERA acceptance criteria.

TABLE A-2. Thermoluminescent Dosimetry, (TLD, $CaSO_4$: Dy Cards).[a]

			mrem			
Lab Code	Irradiation Date	Description	Delivered Dose	Reported[b] Dose	Performance[c] Quotient (P)	
Environmental, Inc.		Group 1				
2021-1	11/8/2021	Spike 1	167.0	171.4	0.03	
2021-1	11/8/2021	Spike 2	167.0	159.4	-0.05	
2021-1	11/8/2021	Spike 3	167.0	160.8	-0.04	
2021-1	11/8/2021	Spike 4	167.0	164.5	-0.01	
2021-1	11/8/2021	Spike 5	167.0	156.7	-0.06	
2021-1	11/8/2021	Spike 6	167.0	152.3	-0.09	
2021-1	11/8/2021	Spike 7	167.0	158.7	-0.05	
2021-1	11/8/2021	Spike 8	167.0	161.6	-0.03	
2021-1	11/8/2021	Spike 9	167.0	152.4	-0.09	
2021-1	11/8/2021	Spike 10	167.0	155.7	-0.07	
2021-1	11/8/2021	Spike 11	167.0	158.8	-0.05	
2021-1	11/8/2021	Spike 12	167.0	163.1	-0.02	
2021-1	11/8/2021	Spike 13	167.0	162.2	-0.03	
2021-1	11/8/2021	Spike 14	167.0	158.8	-0.05	
2021-1	11/8/2021	Spike 15	167.0	173.5	0.04	
2021-1	11/8/2021	Spike 16	167.0	158.7	-0.05	
2021-1	11/8/2021	Spike 17	167.0	162.9	-0.02	
2021-1	11/8/2021	Spike 18	167.0	159.3	-0.05	
2021-1	11/8/2021	Spike 19	167.0	158.2	-0.05	
2021-1	11/8/2021	Spike 20	167.0	161.7	-0.03	
Mean (Spike 1-20)				160.5	-0.04	Pass[d]
Standard Deviation (Spike 1-20)				5.2	0.03	Pass[d]

a TLD's were irradiated by the University of Wisconsin-Madison Radiation Calibration Laboratory following ANSI N13.37 protocol from a known air kerma rate. TLD's were read and the results were submitted by Environmental Inc. to the University of Wisconsin-Madison Radiation Calibration Laboratory for comparison to the delivered dose.

b Reported dose was converted from exposure (R) to Air Kerma (cGy) using a conversion of 0.876. Conversion from air kerma to ambient dose equivalent for Cs-137 at the reference dose point $H^*(10)K_a$ = 1.20 . mrem/cGy = 1000.

c Performance Quotient (P) is calculated as ((reported dose - conventionally true value) ÷ conventionally true value) where the conventionally true value is the delivered dose.

d Acceptance is achieved when neither the absolute value of the mean of the P values, nor the standard deviation of the P values exceed 0.15.

TABLE A-2. Thermoluminescent Dosimetry, (TLD, $CaSO_4$: Dy Cards).[a]

Lab Code	Irradiation Date	Description	Delivered Dose	Reported[b] Dose	Performance[c] Quotient (P)	
			mrem			
Environmental, Inc.		Group 2				
2021-2	11/8/2021	Spike 21	102.0	98.3	-0.04	
2021-2	11/8/2021	Spike 22	102.0	88.4	-0.13	
2021-2	11/8/2021	Spike 23	102.0	96.7	-0.05	
2021-2	11/8/2021	Spike 24	102.0	101.4	-0.01	
2021-2	11/8/2021	Spike 25	102.0	98.5	-0.03	
2021-2	11/8/2021	Spike 26	102.0	96.3	-0.06	
2021-2	11/8/2021	Spike 27	102.0	95.8	-0.06	
2021-2	11/8/2021	Spike 28	102.0	94.3	-0.08	
2021-2	11/8/2021	Spike 29	102.0	93.5	-0.08	
2021-2	11/8/2021	Spike 30	102.0	95.7	-0.06	
2021-2	11/8/2021	Spike 31	102.0	101.7	0.00	
2021-2	11/8/2021	Spike 32	102.0	98.5	-0.03	
2021-2	11/8/2021	Spike 33	102.0	96.7	-0.05	
2021-2	11/8/2021	Spike 34	102.0	87.2	-0.15	
2021-2	11/8/2021	Spike 35	102.0	89.7	-0.12	
2021-2	11/8/2021	Spike 36	102.0	88.5	-0.13	
2021-2	11/8/2021	Spike 37	102.0	85.4	-0.16	
2021-2	11/8/2021	Spike 38	102.0	90.0	-0.12	
2021-2	11/8/2021	Spike 39	102.0	90.9	-0.11	
2021-2	11/8/2021	Spike 40	102.0	92.6	-0.09	
Mean (Spike 21-40)				94.0	-0.08	Pass[d]
Standard Deviation (Spike 21-40)				4.7	0.05	Pass[d]

a TLD's were irradiated by the University of Wisconsin-Madison Radiation Calibration Laboratory following ANSI N13.37 protocol from a known air kerma rate. TLD's were read and the results were submitted by Environmental Inc. to the University of Wisconsin-Madison Radiation Calibration Laboratory for comparison to the delivered dose.

b Reported dose was converted from exposure (R) to Air Kerma (cGy) using a conversion of 0.876. Conversion from air kerma to ambient dose equivalent for Cs-137 at the reference dose point $H^*(10)/K_a = 1.20$. mrem/cGy = 1000.

c Performance Quotient (P) is calculated as ((reported dose - conventionally true value) ÷ conventionally true value) where the conventionally true value is the delivered dose.

d Acceptance is achieved when neither the absolute value of the mean of the P values, nor the standard deviation of the P values exceed 0.15.

TABLE A-4. Intralaboratory "Spiked" Samples

Lab Code[b]	Date	Concentration[a]					
		Analysis	Laboratory results 2s, n=1[c]	Known Activity	Control Limits[d]	Acceptance	Ratio Lab/Known
SPW-55	1/8/2021	H-3	1,889 ± 150	2,110	1,688 - 2,532	Pass	0.90
SPDW-62	1/11/2021	Gr. Alpha	34.3 ± 1.7	64.9	34.0 - 80.4	Pass	0.53
SPDW-62	1/11/2021	Gr. Beta	9.2 ± 0.8	8.9	3.6 - 17.4	Pass	1.04
SPW-131	1/19/2021	Sr-90	18.0 ± 1.1	17.9	14.3 - 21.5	Pass	1.00
SPW-133	1/19/2021	H-3	1,842 ± 150	2,110	1,688 - 2,532	Pass	0.87
SPW-188	1/18/2021	Ra-228	14.2 ± 1.7	14.9	10.4 - 19.3	Pass	0.96
SPW-236	1/26/2021	Ra-228	12.2 ± 1.9	15.3	10.7 - 19.9	Pass	0.80
SPW-305	2/5/2021	H-3	1,785 ± 147	2,110	1,688 - 2,532	Pass	0.85
SPW-372	2/12/2021	H-3	1,742 ± 145	2,110	1,688 - 2,532	Pass	0.83
SPW-526	3/5/2021	H-3	1,899 ± 150	2,110	1,688 - 2,532	Pass	0.90
SPW-692	3/19/2021	H-3	1,953 ± 151	2,110	1,688 - 2,532	Pass	0.93
SPW-694	1/4/2021	Ra-226	9.7 ± 0.4	12.3	8.6 - 16.0	Pass	0.79
SPW-800	3/30/2021	Ra-228	15.8 ± 2.0	15.3	10.7 - 19.9	Pass	1.03
SPW-802	3/31/2021	H-3	1,878 ± 150	2,110	1,688 - 2,532	Pass	0.89
SPW-810	3/19/2021	Ra-226	11.4 ± 0.3	12.3	8.6 - 16.0	Pass	0.93
SPDW-30103	3/31/2021	Ra-226	13.5 ± 0.4	12.3	8.6 - 16.0	Pass	1.10
SPW-812	4/1/2021	H-3	2,005 ± 155	2,110	1,688 - 2,532	Pass	0.95
SPW-919	4/7/2021	H-3	1,877 ± 149	2,110	1,688 - 2,532	Pass	0.89
SPW-944	4/9/2021	Gr. Alpha	56.7 ± 2.5	58.4	29.2 - 87.6	Pass	0.97
SPW-944	4/9/2021	Gr. Beta	35.1 ± 1.3	38.1	30.5 - 45.7	Pass	0.92
SPW-1048	4/15/2021	H-3	1,915 ± 152	2,110	1,688 - 2,532	Pass	0.91
SPW-1250	4/30/2021	H-3	2,015 ± 154	2,110	1,688 - 2,532	Pass	0.95
SPW-1373	5/11/2021	Gr. Alpha	63.5 ± 2.9	58.4	29.2 - 87.6	Pass	1.09
SPW-1373	5/11/2021	Gr. Beta	38.5 ± 1.3	38.1	30.5 - 45.7	Pass	1.01
SPW-1377	5/11/2021	Sr-90	17.4 ± 1.2	17.9	14.3 - 21.5	Pass	0.97
SPDW-30108	5/28/2021	H-3	2,222 ± 161	2,110	1,688 - 2,532	Pass	1.05
SPDW-30125	5/13/2021	Ra-226	10.9 ± 0.3	12.3	8.6 - 16.0	Pass	0.89
SPDW-30118	6/4/2021	H-3	2,230 ± 163	2,110	1,688 - 2,532	Pass	1.06
SPMI-1672	6/8/2021	Sr-90	14.2 ± 0.9	13.6	10.9 - 16.3	Pass	1.04
SPDW-30160	6/11/2021	Ra-226	11.4 ± 0.3	12.3	8.6 - 16.0	Pass	0.93
SPDW-30129	6/15/2021	H-3	2,238 ± 162	2,110	1,688 - 2,532	Pass	1.06
SPDW-30134	6/18/2021	Gr. Alpha	17.9 ± 1.4	23.5	11.8 - 35.3	Pass	0.76
SPDW-30134	6/18/2021	Gr. Beta	60.9 ± 1.6	67.6	54.1 - 81.1	Pass	0.90
SPDW-30148	6/25/2021	Ra-228	15.1 ± 2.9	15.3	10.7 - 19.9	Pass	0.98
SPDW-30206	7/8/2021	Ra-226	12.7 ± 0.4	12.3	8.6 - 16.0	Pass	1.03
SPDW-3001	7/29/2021	Ra-226	11.6 ± 0.3	12.3	8.6 - 16.0	Pass	0.95

[a] Liquid sample results are reported in pCi/Liter, air filters (pCi/m3), charcoal (pCi/charcoal canister), and solid samples (pCi/kg).
[b] Laboratory codes : W & SPW (Water), MI (milk), AP (air filter), SO (soil), VE (vegetation), CH (charcoal canister), F (fish), U (urine).
[c] Results are based on single determinations.
[d] Acceptance criteria are listed in Attachment A of this report.

TABLE A-4. Intralaboratory "Spiked" Samples

Lab Code[b]	Date	Concentration*					
		Analysis	Laboratory results 2s, n=1[c]	Known Activity	Control Limits[d]	Acceptance	Ratio Lab/Known
SPDW-30224	8/2/2021	Gr. Alpha	38.6 ± 2.1	49.1	24.6 - 73.7	Pass	0.79
SPDW-30224	8/2/2021	Gr. Beta	27.8 ± 1.2	31.5	25.2 - 37.8	Pass	0.88
SPDW-30226	8/13/2021	H-3	2,074 ± 157	2,110	1,688 - 2,532	Pass	0.98
SPDW-30231	8/18/2021	Ra-228	14.5 ± 2.2	15.3	10.7 - 19.9	Pass	0.95
SPW-2783	9/3/2021	Sr-90	18.9 ± 1.2	17.1	13.7 - 20.5	Pass	1.10
SPDW-2785	9/3/2021	H-3	2,135 ± 158	2,110	1,688 - 2,532	Pass	1.01
SPDW-2891	9/10/2021	H-3	2,159 ± 160	2,110	1,688 - 2,532	Pass	1.02
SPDW-3115	9/17/2021	Ra-226	11.3 ± 0.3	12.3	8.6 - 16.0	Pass	0.92
SPDW-3036	9/23/2021	Ra-228	18.0 ± 2.6	15.3	10.7 - 19.9	Pass	1.17
SPDW-3223	9/28/2021	Ra-228	16.6 ± 2.5	15.3	10.7 - 19.9	Pass	1.08
SPDW-3288	9/29/2021	U-234	29.2 ± 1.6	23.0	16.1 - 29.9	Pass	1.27
SPDW-3288	9/29/2021	U-238	28.2 ± 1.6	23.2	16.3 - 30.2	Pass	1.21
SPDW-30276	9/29/2021	Ra-226	9.4 ± 0.4	12.3	8.6 - 16.0	Pass	0.76
SPDW-3157	10/1/2021	H-3	2,111 ± 158	2,110	1,688 - 2,532	Pass	1.00
SPDW-3290	10/12/2021	Gr. Alpha	34.6 ± 2.1	49.1	24.6 - 73.7	Pass	0.70
SPDW-3290	10/12/2021	Gr. Beta	25.1 ± 1.1	31.5	25.2 - 37.8	Pass	0.80
SPDW-3393	10/15/2021	H-3	2,184 ± 161	2,110	1,688 - 2,532	Pass	1.04
SPDW-3604	10/28/2021	H-3	2,104 ± 15	2,110	1,688 - 2,532	Pass	1.00
SPDW-30283	11/4/2021	Ra-226	11.7 ± 0.3	12.3	8.6 - 16.0	Pass	0.95
SPDW-3769	11/10/2021	H-3	2,026 ± 156	2,110	1,688 - 2,532	Pass	0.96
SPDW-3860	11/18/2021	H-3	2,161 ± 161	2,110	1,688 - 2,532	Pass	1.02
SPDW-30290	11/22/2021	Ra-226	12.0 ± 0.3	12.3	8.6 - 16.0	Pass	0.97
SPDW-3958	12/3/2021	H-3	2,126 ± 160	2,110	1,688 - 2,532	Pass	1.01
SPW-3971	12/7/2021	Sr-90	19.0 ± 1.2	17.1	13.7 - 20.5	Pass	1.11
SPDW-30287	12/9/2021	Ra-228	12.3 ± 1.7	15.3	10.7 - 19.9	Pass	0.80
SPDW-30295	12/16/2021	H-3	2,265 ± 163	2,110	1,688 - 2,532	Pass	1.07
SPDW-30301	12/30/2021	H-3	2,055 ± 163	2,110	1,688 - 2,532	Pass	0.97
SPDW-30307	12/13/2021	Ra-226	11.7 ± 0.4	12.3	8.6 - 16.0	Pass	0.95

* Liquid sample results are reported in pCi/Liter, air filters (pCi/m3), charcoal (pCi/charcoal canister), and solid samples (pCi/kg).
[b] Laboratory codes : W & SPW (Water), MI (milk), AP (air filter), SO (soil), VE (vegetation), CH (charcoal canister), F (fish), U (urine).
[c] Results are based on single determinations.
[d] Acceptance criteria are listed in Attachment A of this report.

TABLE A-5. Intralaboratory "Blank" Samples

Lab Code[b]	Sample Type	Date	Analysis[c]	Concentration[a] Laboratory results (4.66σ) LLD	Activity[d]	Acceptance Criteria (4.66 σ)
SPW-54	Water	1/8/2021	H-3	153	24 ± 77	200
SPDW-61	Water	1/11/2021	Gr. Alpha	0.56	-0.32 ± 0.37	2
SPDW-61	Water	1/11/2021	Gr. Beta	0.73	-0.11 ± 0.49	4
SPW-130	Water	1/19/2021	Sr-89	0.66	-0.12 ± 0.49	5
SPW-130	Water	1/19/2021	Sr-90	0.68	-0.02 ± 0.31	1
SPW-132	Water	1/19/2021	H-3	165	38 ± 79	200
SPW-4923	Water	1/26/2021	I-131	0.28	0.26 ± 0.16	1
SPW-187	Water	1/18/2021	Ra-228	1.44	0.81 ± 0.76	2
SPW-235	Water	1/26/2021	Ra-228	1.54	0.94 ± 0.82	2
SPW-254	Water	2/2/2021	I-131	0.29	-0.06 ± 0.13	1
SPW-304	Water	2/5/2021	H-3	159	6 ± 74	200
SPW-371	Water	2/12/2021	H-3	154	-37 ± 70	200
SPW-525	Water	3/5/2021	H-3	160	97 ± 80	200
SPW-691	Water	3/19/2021	H-3	158	-38 ± 71	200
SPW-693	Water	1/4/2021	Ra-226	0.03	-0.01 ± 0.01	2
SPW-799	Water	3/30/2021	Ra-228	1.03	0.06 ± 0.48	2
SPW-809	Water	3/19/2021	Ra-226	0.04	0.01 ± 0.03	2
SPDW-30102	Water	3/31/2021	Ra-226	0.03	0.00 ± 0.03	2
SPW-811	Water	4/1/2021	H-3	158	-29 ± 77	200
SPW-918	Water	4/7/2021	H-3	156	93 ± 79	200
SPW-943	Water	4/9/2021	Gr. Alpha	0.39	-0.08 ± 0.27	2
SPW-943	Water	4/9/2021	Gr. Beta	0.73	0.04 ± 0.51	4
SPW-1047	Water	4/15/2021	H-3	160	-51 ± 74	200
SPW-1249	Water	4/30/2021	H-3	158	109 ± 81	200
SPW-1372	Water	5/11/2021	Gr. Alpha	0.35	0.27 ± 0.27	2
SPW-1372	Water	5/11/2021	Gr. Beta	0.68	0.27 ± 0.49	4
SPW-1376	Water	5/11/2021	Sr-89	0.52	0.23 ± 0.39	5
SPW-1376	Water	5/11/2021	Sr-90	0.51	-0.06 ± 0.23	1
SPDW-30124	Water	5/13/2021	Ra-226	0.03	-0.02 ± 0.03	2
SPDW-30104	Water	5/26/2021	Ra-228	1.30	-0.04 ± 0.60	2
SPDW-30107	Water	5/28/2021	H-3	157	33 ± 76	200
SPDW-30117	Water	6/4/2021	H-3	165	67 ± 81	200
SPMI-1671	Milk	6/8/2021	Sr-89	0.46	0.23 ± 0.42	5
SPMI-1671	Milk	6/8/2021	Sr-90	0.45	0.23 ± 0.24	1
SPDW-30159	Water	6/11/2021	Ra-226	0.04	-0.02 ± 0.04	2
SPDW-30128	Water	6/15/2021	H-3	161	17 ± 76	200
SPDW-30133	Water	6/17/2021	I-131	0.20	0.06 ± 0.12	1
SPDW-30134	Water	6/18/2021	Gr. Alpha	0.46	-0.11 ± 0.32	2
SPDW-30134	Water	6/18/2021	Gr. Beta	0.70	-0.10 ± 0.49	4
SPDW-30147	Water	6/25/2021	Ra-228	1.76	-0.15 ± 0.80	2

[a] Liquid sample results are reported in pCi/Liter, air filters (pCi/m^3), charcoal (pCi/charcoal canister), and solid samples (pCi/g).

[b] Laboratory codes : W & SPW (Water), MI (milk), AP (air filter), SO (soil), VE (vegetation), CH (charcoal canister), F (fish), U (urine).

[c] I-131(G); iodine-131 as analyzed by gamma spectroscopy.

[d] Activity reported is a net activity result.

TABLE A-5. Intralaboratory "Blank" Samples

Lab Code[b]	Sample Type	Date	Analysis[c]	Concentration[a] Laboratory results (4.66σ) LLD	Activity[d]	Acceptance Criteria (4.66 σ)
SPDW-30205	Water	7/8/2021	Ra-226	0.03	0.02 ± 0.03	2
SPDW-3000	Water	7/29/2021	Ra-226	0.03	0.03 ± 0.03	2
SPDW-30223	Water	8/2/2021	Gr. Alpha	0.46	-0.13 ± 0.31	2
SPDW-30223	Water	8/2/2021	Gr. Beta	0.70	0.16 ± 0.49	4
SPDW-30225	Water	8/13/2021	H-3	161	-2 ± 75	200
SPDW-30230	Water	8/18/2021	Ra-228	1.02	0.47 ± 0.53	2
SPW-2782	Water	9/3/2021	Sr-89	0.60	-0.16 ± 0.48	5
SPW-2782	Water	9/3/2021	Sr-90	0.63	0.20 ± 0.32	1
SPDW-2784	Water	9/3/2021	H-3	157	-50 ± 69	200
SPDW-2890	Water	9/10/2021	H-3	163	-59 ± 72	200
SPDW-2981	Water	9/17/2021	H-3	162	11 ± 78	200
SPDW-3114	Water	9/17/2021	Ra-226	0.03	0.04 ± 0.03	2
SPDW-3035	Water	9/23/2021	Ra-228	1.15	0.10 ± 0.55	2
SPDW-3222	Water	9/28/2021	Ra-228	1.37	-0.30 ± 0.60	2
SPDW-3287	Water	9/29/2021	U-234	0.22	0.19 ± 0.23	1
SPDW-3287	Water	9/29/2021	U-238	0.38	-0.05 ± 0.21	1
SPDW-30275	Water	9/29/2021	Ra-226	0.05	0.03 ± 0.04	2
SPDW-3156	Water	10/1/2021	H-3	161	-11 ± 75	200
SPDW-3289	Water	10/12/2021	Gr. Alpha	0.40	0.21 ± 0.30	2
SPDW-3289	Water	10/12/2021	Gr. Beta	0.72	0.31 ± 0.52	4
SPDW-3392	Water	10/15/2021	H-3	158	58 ± 79	200
SPDW-3603	Water	10/28/2021	H-3	163	26 ± 77	200
SPDW-30282	Water	11/4/2021	Ra-226	0.04	0.04 ± 0.03	2
SPDW-3768	Water	11/10/2021	H-3	162	31 ± 77	200
SPDW-3859	Water	11/18/2021	H-3	162	45 ± 78	200
SPDW-30289	Water	11/22/2021	Ra-226	0.03	0.19 ± 0.03	2
SPDW-3957	Water	12/3/2021	H-3	161	118 ± 84	200
SPW-3970	Water	12/7/2021	Sr-89	0.54	-0.12 ± 0.43	5
SPW-3970	Water	12/7/2021	Sr-90	0.54	0.08 ± 0.26	1
SPDW-30286	Water	12/9/2021	Ra-228	0.91	-0.26 ± 0.39	2
SPDW-30288	Water	12/10/2021	I-131	0.22	0.00 ± 0.12	1
SPDW-30306	Water	12/13/2021	Ra-226	0.05	-0.05 ± 0.04	2
SPDW-30294	Water	12/16/2021	H-3	162	-33 ± 73	200
SPDW-30300	Water	12/30/2021	H-3	166	68 ± 91	200

[a] Liquid sample results are reported in pCi/Liter, air filters (pCi/m^3), charcoal (pCi/charcoal canister), and solid samples (pCi/g).
[b] Laboratory codes : W & SPW (Water), MI (milk), AP (air filter), SO (soil), VE (vegetation), CH (charcoal canister), F (fish), U (urine).
[c] I-131(G); Iodine-131 as analyzed by gamma spectroscopy.
[d] Activity reported is a net activity result.

TABLE A-6. Intralaboratory "Duplicate" Samples

			Concentration[a]			
Lab Code[b]	Date	Analysis	First Result	Second Result	Averaged Result	Acceptance
S-20,21	1/5/2021	K-40	23.3 ± 0.6	22.6 ± 1.6	23.0 ± 0.9	Pass
XW-295,296	1/13/2021	H-3	245 ± 87	288 ± 89	267 ± 62	Pass
S-143,144	1/14/2021	K-40	7.47 ± 0.76	8.38 ± 0.22	7.93 ± 0.40	Pass
S-360,361	2/10/2021	K-40	9.23 ± 0.54	9.00 ± 0.68	9.12 ± 0.43	Pass
S-406,407	2/15/2021	K-40	2.92 ± 0.28	2.94 ± 0.94	2.93 ± 0.49	Pass
W-469,470	2/22/2021	Ra-226	0.75 ± 0.21	0.87 ± 0.22	0.81 ± 0.15	Pass
W-448,449	2/25/2021	Gr. Alpha	3.52 ± 1.84	3.72 ± 1.87	3.62 ± 1.31	Pass
W-448,449	2/25/2021	Gr. Beta	8.71 ± 1.36	8.91 ± 1.40	8.81 ± 0.98	Pass
W-448,449	2/25/2021	Ra-226	1.87 ± 0.25	1.82 ± 0.28	1.85 ± 0.19	Pass
W-448,449	2/25/2021	Ra-228	2.65 ± 1.26	2.53 ± 1.35	2.59 ± 0.92	Pass
P-511,512	3/2/2021	H-3	198 ± 85	202 ± 86	200 ± 60	Pass
WW-630,631	3/10/2021	H-3	144 ± 82	148 ± 82	146 ± 58	Pass
WW-743,744	3/16/2021	H-3	183 ± 85	167 ± 84	175 ± 60	Pass
S-785,786	3/25/2021	Pb-214	0.59 ± 0.08	0.34 ± 0.05	0.47 ± 0.05	Pass
S-785,786	3/25/2021	Ac-228	0.61 ± 0.12	0.58 ± 0.13	0.60 ± 0.09	Pass
AP-1052,1053	3/30/2021	Be-7	0.081 ± 0.010	0.075 ± 0.011	0.078 ± 0.007	Pass
AP-966,967	3/30/2021	Be-7	0.080 ± 0.010	0.085 ± 0.009	0.083 ± 0.007	Pass
SWU-835,836	3/30/2021	Gr. Beta	1.22 ± 0.56	1.27 ± 0.55	1.24 ± 0.39	Pass
AP-1204,1205	3/30/2021	Be-7	0.187 ± 0.102	0.160 ± 0.088	0.173 ± 0.067	Pass
AP-1029,1030	4/2/2021	Be-7	0.067 ± 0.012	0.079 ± 0.012	0.073 ± 0.009	Pass
SW-922,923	4/7/2021	H-3	440 ± 99	307 ± 93	373 ± 68	Pass
WW-987,988	4/12/2021	H-3	190 ± 87	284 ± 92	237 ± 63	Pass
F-1246,1247	4/22/2021	K-40	3.26 ± 0.66	2.83 ± 0.46	3.04 ± 0.40	Pass
SWT-1311,1312	4/27/2021	Gr. Beta	1.05 ± 0.52	1.16 ± 0.55	1.10 ± 0.38	Pass
WW-1401,1402	5/5/2021	Gr. Alpha	1.10 ± 1.00	2.50 ± 1.20	1.80 ± 0.78	Pass
WW-1401,1402	5/5/2021	K-40	126 ± 15	105 ± 30	115 ± 17	Pass
DW-30071.,30072	5/6/2021	Ra-226	0.98 ± 0.15	0.67 ± 0.13	0.83 ± 0.10	Pass
DW-30071.,30072	5/6/2021	Ra-228	0.83 ± 0.51	1.21 ± 0.54	1.02 ± 0.37	Pass
DW-30078,30079	5/10/2021	Gr. Alpha	4.90 ± 0.92	5.92 ± 0.99	5.41 ± 0.68	Pass
AP-051120A,B	5/11/2021	Gr. Beta	0.006 ± 0.002	0.005 ± 0.002	0.005 ± 0.002	Pass
DW-30083,30084	5/11/2021	Ra-226	0.34 ± 0.13	0.19 ± 0.20	0.27 ± 0.12	Pass
DW-30083,30084	5/11/2021	Ra-228	0.98 ± 0.60	0.15 ± 0.56	0.57 ± 0.41	Pass
S-1506,1507	5/18/2021	K-40	10.1 ± 0.8	14.9 ± 1.2	12.5 ± 0.7	Pass
DW-30092,30093	5/20/2021	Gr. Alpha	2.86 ± 0.85	2.40 ± 0.90	2.63 ± 0.62	Pass
DW-30095,30096	5/21/2021	Ra-226	1.18 ± 0.16	0.73 ± 0.15	0.96 ± 0.11	Pass
DW-30095,30096	5/21/2021	Ra-228	1.44 ± 0.63	0.61 ± 0.59	1.03 ± 0.43	Pass
AP-052521A,B	5/25/2021	Gr. Beta	0.021 ± 0.003	0.022 ± 0.003	0.021 ± 0.002	Pass
S-1589,1590	5/28/2021	Pb-214	1.16 ± 0.08	1.06 ± 0.09	1.11 ± 0.06	Pass
S-1589,1590	5/28/2021	Ac-228	1.17 ± 0.18	1.08 ± 0.14	1.13 ± 0.11	Pass

TABLE A-6. Intralaboratory "Duplicate" Samples

			Concentration[a]			
Lab Code[b]	Date	Analysis	First Result	Second Result	Averaged Result	Acceptance
AP-060121A,B	6/1/2021	Gr. Beta	0.015 ± 0.003	0.013 ± 0.003	0.014 ± 0.002	Pass
DW-30113,30114	6/1/2021	Ra-226	2.00 ± 0.34	2.64 ± 0.26	2.32 ± 0.21	Pass
DW-30113,30114	6/1/2021	Ra-228	2.50 ± 0.78	3.13 ± 0.82	2.82 ± 0.57	Pass
PS-1631,1632	6/2/2021	K-40	21.1 ± 0.8	20.4 ± 0.8	20.7 ± 0.6	Pass
DW-30119,30120	6/3/2021	Gr. Alpha	1.18 ± 0.75	0.66 ± 0.64	0.92 ± 0.49	Pass
WW-1908,1909	6/4/2021	H-3	150 ± 85	176 ± 87	163 ± 61	Pass
VE-1717,1718	6/7/2021	Be-7	0.50 ± 0.19	0.38 ± 0.14	0.44 ± 0.12	Pass
VE-1717,1718	6/7/2021	K-40	5.26 ± 0.47	5.45 ± 0.44	5.35 ± 0.32	Pass
AP-060821A,B	6/8/2021	Gr. Beta	0.030 ± 0.004	0.028 ± 0.004	0.029 ± 0.003	Pass
AP-1822,1823	6/10/2021	Be-7	0.23 ± 0.12	0.22 ± 0.12	0.22 ± 0.08	Pass
CF-1844,1845	6/14/2021	K-40	8.37 ± 0.44	8.33 ± 0.35	8.35 ± 0.28	Pass
AP-061521A,B	6/15/2021	Gr. Beta	0.020 ± 0.004	0.017 ± 0.003	0.019 ± 0.002	Pass
DW-30131,30132	6/17/2021	Ra-226	0.41 ± 0.21	0.34 ± 0.23	0.38 ± 0.16	Pass
DW-30131,30132	6/17/2021	Ra-228	0.42 ± 0.85	0.52 ± 0.74	0.47 ± 0.56	Pass
DW-30138,30139	6/17/2021	Gr. Alpha	1.59 ± 0.84	2.21 ± 0.95	1.90 ± 0.63	Pass
S-1929,1930	6/22/2021	K-40	19.4 ± 1.0	19.2 ± 1.1	19.3 ± 0.7	Pass
AP-062221A,B	6/22/2021	Gr. Beta	0.014 ± 0.003	0.012 ± 0.028	0.013 ± 0.014	Pass
DW-30150,30151	6/28/2021	Ra-226	0.53 ± 0.15	0.55 ± 0.19	0.54 ± 0.12	Pass
DW-30150,30151	6/28/2021	Ra-228	0.76 ± 0.54	0.52 ± 0.52	0.64 ± 0.37	Pass
AP-2160,2161	6/28/2021	Be-7	0.11 ± 0.01	0.11 ± 0.01	0.11 ± 0.01	Pass
DW-30150,30151	6/28/2021	Ra-226	0.53 ± 0.15	0.55 ± 0.19	0.54 ± 0.12	Pass
DW-30150,30151	6/28/2021	Ra-228	0.76 ± 0.54	0.52 ± 0.52	0.64 ± 0.37	Pass
AP-2218,2119	6/29/2021	Be-7	0.11 ± 0.01	0.12 ± 0.01	0.11 ± 0.01	Pass
AP-2235,2236	6/30/2021	Be-7	0.10 ± 0.01	0.11 ± 0.01	0.10 ± 0.01	Pass
CF-2139,2140	7/12/2021	Be-7	0.49 ± 0.12	0.65 ± 0.20	0.57 ± 0.12	Pass
CF-2139,2140	7/12/2021	K-40	8.25 ± 0.41	7.94 ± 0.46	8.10 ± 0.31	Pass
VE-2214,2215	7/12/2021	K-40	3.26 ± 0.11	3.41 ± 0.25	3.34 ± 0.14	Pass
DW-30169,30170	7/12/2021	Gr. Alpha	2.61 ± 0.87	2.09 ± 0.84	2.35 ± 0.60	Pass
DW-30169,30170	7/12/2021	Gr. Beta	2.09 ± 0.67	2.52 ± 0.60	2.31 ± 0.45	Pass
DW-30169,30170	7/12/2021	Ra-226	0.84 ± 0.24	0.82 ± 0.20	0.83 ± 0.16	Pass
DW-30169,30170	7/12/2021	Ra-228	0.80 ± 0.54	0.84 ± 0.50	0.82 ± 0.37	Pass
AP-71320,71321	7/13/2021	Gr. Beta	0.015 ± 0.003	0.010 ± 0.003	0.013 ± 0.002	Pass
XW-2424,2425	7/16/2021	H-3	193 ± 86	104 ± 81	149 ± 59	Pass
DW-30183,30184	7/19/2021	Ra-226	1.37 ± 0.18	1.21 ± 0.27	1.29 ± 0.16	Pass
DW-30183,30185	7/19/2021	Ra-228	1.51 ± 0.69	1.52 ± 0.68	1.52 ± 0.48	Pass
AP-71920,71921	7/19/2021	Gr. Beta	0.021 ± 0.004	0.020 ± 0.003	0.021 ± 0.002	Pass
S-2277,2278	7/20/2021	K-40	13.6 ± 0.9	12.3 ± 0.9	12.9 ± 0.6	Pass
DW-30191,30192	7/20/2021	Gr. Alpha	3.88 ± 0.94	3.66 ± 94.00	3.77 ± 47.00	Pass
SG-2382,2383	7/23/2021	Pb-214	1.88 ± 0.21	1.94 ± 0.21	1.91 ± 0.15	Pass
SG-2382,2383	7/23/2021	Ac-228	1.69 ± 0.28	1.96 ± 0.33	1.83 ± 0.22	Pass
DW-30207,30208	7/26/2021	Gr. Alpha	5.47 ± 1.29	5.20 ± 1.24	5.34 ± 0.89	Pass
DW-30207,30208	7/26/2021	Gr. Beta	5.89 ± 0.77	6.11 ± 0.73	6.00 ± 0.53	Pass

TABLE A-6. Intralaboratory "Duplicate" Samples

			Concentration[a]			
Lab Code[b]	Date	Analysis	First Result	Second Result	Averaged Result	Acceptance
DW-30210,30211	7/28/2021	Ra-226	0.48 ± 0.13	0.62 ± 0.11	0.55 ± 0.09	Pass
DW-30210,30211	7/28/2021	Ra-228	0.45 ± 0.53	0.73 ± 0.65	0.59 ± 0.42	Pass
S-2509,2510	8/1/2021	K-40	14.2 ± 0.5	13.7 ± 1.0	14.0 ± 0.6	Pass
S-2509,2510	8/1/2021	Be-7	7.27 ± 0.29	7.97 ± 0.69	7.62 ± 0.37	Pass
DW-30221,30222	8/6/2021	Gr. Alpha	2.19 ± 1.55	2.08 ± 1.54	2.14 ± 1.09	Pass
DW-30221,30222	8/6/2021	Gr. Beta	1.19 ± 1.04	2.76 ± 1.08	1.98 ± 0.75	Pass
DW-30221,30222	8/6/2021	Ra-226	2.00 ± 0.22	1.58 ± 0.26	1.79 ± 0.17	Pass
DW-30221,30222	8/6/2021	Ra-228	1.69 ± 0.56	1.75 ± 0.54	1.72 ± 0.39	Pass
VE-2551,2552	8/11/2021	K-40	2.68 ± 0.20	2.61 ± 0.27	2.64 ± 0.17	Pass
VE-2551,2552	8/11/2021	Be-7	0.16 ± 0.08	0.18 ± 0.08	0.17 ± 0.05	Pass
AP-2578,2579	8/12/2021	Be-7	0.18 ± 0.09	0.20 ± 0.11	0.19 ± 0.07	Pass
AP-082421A,B	8/24/2021	Gr. Beta	0.032 ± 0.004	0.028 ± 0.004	0.030 ± 0.003	Pass
AP-083121A,B	8/24/2021	Gr. Beta	0.027 ± 0.004	0.029 ± 0.004	0.028 ± 0.003	Pass
VE-2684,2685	8/25/2021	K-40	2.15 ± 0.26	1.92 ± 0.27	2.03 ± 0.19	Pass
VE-2684,2685	8/25/2021	Be-7	0.20 ± 0.10	0.26 ± 0.11	0.23 ± 0.07	Pass
VE-2728,2729	8/25/2021	K-40	2.34 ± 0.41	2.27 ± 0.40	2.31 ± 0.29	Pass
DW-30238,30239	8/25/2021	Gr. Alpha	3.94 ± 0.91	2.43 ± 0.86	3.185 ± 0.63	Pass
DW-30238,30239	8/25/2021	Ra-226	2.57 ± 0.24	1.83 ± 0.24	2.20 ± 0.17	Pass
DW-30238,30239	8/25/2021	Ra-228	2.86 ± 0.83	2.52 ± 0.66	2.69 ± 0.53	Pass
SW-2641,2642	8/31/2021	H-3	289 ± 92	310 ± 93	300 ± 65	Pass
VE-2858,2859	9/2/2021	K-40	8.36 ± 0.41	8.02 ± 0.47	8.19 ± 0.31	Pass
SG-2934,2935	9/13/2021	Pb-214	2.72 ± 0.22	2.54 ± 0.27	2.63 ± 0.17	Pass
SG-2934,2935	9/13/2021	Ac-228	3.16 ± 0.39	3.22 ± 0.58	3.19 ± 0.35	Pass
DW-30249,30250	9/17/2021	Ra-226	0.70 ± 0.18	1.00 ± 0.17	0.85 ± 0.12	Pass
S-3042,3043	9/22/2021	K-40	7.55 ± 0.80	7.57 ± 0.81	7.56 ± 0.57	Pass
DW-30249,30250	9/17/2021	Ra-226	0.70 ± 0.18	1.00 ± 0.17	0.85 ± 0.12	Pass
S-3042,3043	9/22/2021	K-40	7.55 ± 0.80	7.57 ± 0.81	7.56 ± 0.57	Pass
DW-30256,30257	10/8/2021	Gr. Alpha	2.35 ± 0.79	2.71 ± 0.92	2.53 ± 0.61	Pass
S-3279,3280	10/11/2021	K-40	10.08 ± 0.58	9.18 ± 0.53	9.63 ± 0.39	Pass
DW-30262,30263	10/14/2021	Ra-226	1.49 ± 0.30	1.51 ± 0.17	1.50 ± 0.17	Pass
DW-30262,30263	10/14/2021	Ra-228	1.16 ± 0.79	2.08 ± 0.82	1.62 ± 0.57	Pass
AP-102521A,B	10/25/2021	Gr. Beta	0.026 ± 0.005	0.030 ± 0.010	0.028 ± 0.010	Pass
XWW-3707,3708	10/27/2021	H-3	206 ± 87	268 ± 90	237 ± 63	Pass
AP-110121A,B	11/1/2021	Gr. Beta	0.017 ± 0.004	0.016 ± 0.00	0.016 ± 0.003	Pass
DW-30277,30278	11/5/2021	Gr. Alpha	10.11 ± 1.19	9.72 ± 1.11	9.92 ± 0.81	Pass
DW-30277,30278	11/5/2021	Gr .Beta	5.53 ± 0.72	4.22 ± 0.69	4.88 ± 0.50	Pass
DW-30277,30278	11/5/2021	Ra-226	6.27 ± 0.32	6.34 ± 0.37	6.31 ± 0.25	Pass
DW-30277,30278	11/5/2021	Ra-228	3.10 ± 0.86	3.76 ± 0.90	3.43 ± 0.62	Pass
AP-111521A,B	11/15/2021	Gr. Beta	0.022 ± 0.004	0.026 ± 0.005	0.024 ± 0.003	Pass
AP-112221A,B	11/22/2021	Gr. Beta	0.023 ± 0.004	0.025 ± 0.005	0.024 ± 0.003	Pass
AP-112921A,B	11/29/2021	Gr. Beta	0.038 ± 0.005	0.035 ± 0.005	0.037 ± 0.004	Pass

TABLE A-6. Intralaboratory "Duplicate" Samples

			Concentration[a]			
Lab Code[b]	Date	Analysis	First Result	Second Result	Averaged Result	Acceptance
DW-30297,8	12/15/2021	Ra-226	1.71 ± 0.15	1.21 ± 0.13	1.46 ± 0.10	Pass
DW-30297,8	12/15/2021	Ra-228	2.44 ± 0.98	1.96 ± 0.97	2.20 ± 0.69	Pass
S-4182,4183	12/19/2021	Pb-214	1.19 ± 0.06	1.07 ± 0.08	1.13 ± 0.05	Pass
S-4182,4183	12/19/2021	Ac-228	1.08 ± 0.11	1.15 ± 0.14	1.12 ± 0.09	Pass
S-4182,4183	12/19/2021	K-40	1.75 ± 0.74	1.80 ± 0.84	1.78 ± 0.56	Pass
AP-122721A,B	12/27/2021	Gr. Beta	0.063 ± 0.006	0.060 ± 0.006	0.062 ± 0.004	Pass
AP-4350,4351	12/28/2021	Be-7	0.06 ± 0.02	0.06 ± 0.02	0.06 ± 0.01	Pass
AP-4845,4846	12/31/2021	Be-7	0.07 ± 0.01	0.06 ± 0.02	0.06 ± 0.01	Pass

Note: Duplicate analyses are performed on every twentieth sample received. Results are not listed for those analyses with activities that measure below the LLD.

[a] Results are reported in units of pCi/L, except for air filters (pCi/Filter or pCi/m3), food products, vegetation, soil and sediment (pCi/g).

[b] AP (Air Particulate), AV (Aquatic Vegetation), BS (Bottom Sediment), CF (Cattle Feed), CH (Charcoal Canister), DW (Drinking Water), E (Egg), F (Fish), G (Grass), LW (Lake Water), MI (Milk), P (Precipitation), PM (Powdered Milk), S (Solid), SG (Sludge), SO (Soil), SS (Shoreline Sediment), SW (Surface Water), SWT (Surface Water Treated), SWU (Surface Water Untreated), VE (Vegetation), W (Water), WW (Well Water).

TABLE A-7. Department of Energy's Mixed Analyte Performance Evaluation Program (MAPEP).

			Concentration[a]			
Lab Code [b]	Reference Date	Analysis	Laboratory result	Known Activity	Control Limits [c]	Acceptance
MAAP-594	2/1/2021	Gross Alpha	1.30 ± 0.08	1.77	0.53 - 3.01	Pass
MAAP-594	2/1/2021	Gross Beta	0.81 ± 0.04	0.649	0.325 - 0.974	Pass
MADW-571	2/1/2021	Gross Alpha	0.73 ± 0.06	0.87	0.26 - 1.48	Pass
MADW-572	2/1/2021	Gross Beta	2.38 ± 0.06	2.50	1.25 - 3.75	Pass
MASO-591	2/1/2021	Cs-134	-2.57 ± 2.21	0	NA [c]	Pass
MASO-591	2/1/2021	Cs-137	1700 ± 20	1550	1085 - 2015	Pass
MASO-591	2/1/2021	Co-57	977 ± 7	920	644 - 1196	Pass
MASO-591	2/1/2021	Co-60	1360 ± 10	1370	959 - 1781	Pass
MASO-591	2/1/2021	Mn-54	0.91 ± 2.85	0	NA [c]	Pass
MASO-591	2/1/2021	Zn-65	687 - 17	604	423 - 785	Pass
MASO-591	2/1/2021	K-40	682 ± 53	618	433 - 803	Pass
MAW-569	2/1/2021	Cs-134	10.5 ± 0.3	11.5	8.1 - 15.0	Pass
MAW-569	2/1/2021	Cs-137	8.53 ± 0.32	7.9	5.5 - 10.3	Pass
MAW-569	2/1/2021	Co-57	12.2 ± 0.3	11.4	8.0 - 14.8	Pass
MAW-569	2/1/2021	Co-60	0.03 ± 0.05	0	NA [c]	Pass
MAW-569	2/1/2021	Mn-54	16.5 ± 0.4	15.5	10.9 - 20.2	Pass
MAW-569	2/1/2021	Zn-65	11.5 ± 0.5	10.5	7.40 - 13.7	Pass
MAW-569	2/1/2021	K-40	9.93 ± 1.42	0	NA [c]	Fail [d]
MAAP-592	2/1/2021	Cs-134	1.54 ± 0.06	2.14	1.50 - 2.78	Pass
MAAP-592	2/1/2021	Cs-137	-0.011 ± 0.020	0	NA [c]	Pass
MAAP-592	2/1/2021	Co-57	0.636 ± 0.042	0.69	0.480 - 0.892	Pass
MAAP-592	2/1/2021	Co-60	-0.64 ± 0.02	0	NA [c]	Fail [e]
MAAP-592	2/1/2021	Mn-54	0.312 ± 0.058	0.312	0.218 - 0.406	Pass
MAAP-592	2/1/2021	Zn-65	0.41 ± 0.07	0.352	0.246 - 0.458	Pass
MAVE-588	2/1/2021	Cs-134	3.73 ± 0.09	3.60	2.50 - 4.70	Pass
MAVE-588	2/1/2021	Cs-137	5.69 ± 0.10	4.69	3.28 - 6.10	Pass
MAVE-588	2/1/2021	Co-57	6.23 ± 0.07	5.05	3.54 - 6.57	Pass
MAVE-588	2/1/2021	Co-60	3.29 ± 0.06	2.99	2.09 - 3.89	Pass
MAVE-588	2/1/2021	Mn-54	6.17 ± 0.16	5.25	3.68 - 6.83	Pass
MAVE-588	2/1/2021	Zn-65	-0.04 ± 0.08	0	NA [c]	Pass
MAAP-3007	8/1/2021	Gross Alpha	0.45 ± 0.04	0.960	0.288 - 1.632	Pass
MAAP-3007	8/1/2021	Gross Beta	0.71 ± 0.04	0.553	0.277 - 0.830	Pass
MADW-2688	8/1/2021	Gross Alpha	0.19 ± 0.03	0.232	0.070 - 0.394	Pass
MADW-2688	8/1/2021	Gross Beta	2.60 ± 0.06	2.807	1.404 - 4.211	Pass

TABLE A-7. Department of Energy's Mixed Analyte Performance Evaluation Program (MAPEP).

			Concentration[a]			
Lab Code [b]	Reference Date	Analysis	Laboratory result	Known Activity	Control Limits [c]	Acceptance
MASO-3004	8/1/2021	Cs-134	1035 ± 10	1170	819 - 1521	Pass
MASO-3004	8/1/2021	Cs-137	628 ± 11	572	400 - 744	Pass
MASO-3004	8/1/2021	Co-57	-0.11 ± 1.26	0	NA [e]	Pass
MASO-3004	8/1/2021	Co-60	720 ± 7	722	714 - 1326	Pass
MASO-3004	8/1/2021	Mn-54	456 ± 11	410	287 - 533	Pass
MASO-3004	8/1/2021	Zn-65	1002 ± 22	907	635 - 1179	Pass
MASO-3004	8/1/2021	K-40	663 ± 50	607	425 - 789	Pass
MADW-3003	8/1/2021	Ra-226	0.32 ± 0.06	0.226	0.158 ± 0.294	Fail[f]
MADW-3003	8/1/2021	Sr-90	3.63 ± 0.16	3.9	2.70 - 5.02	Pass
MADW-3003	8/1/2021	U-234	0.02 - 0.01	0.02	NA [g]	Pass
MADW-3003	8/1/2021	U-238	0.02 - 0.01	0.01	NA [g]	Pass

[a] Results are reported in units of Bq/kg (soil), Bq/L (water) or Bq/total sample (filters, vegetation).

[b] Laboratory codes as follows: MAW (water), MADW (water), MAAP (air filter), MASO (soil) and MAVE (vegetation).

[c] MAPEP results are presented as the known values and expected laboratory precision (1 sigma, 1 determination) and control limits as defined by the MAPEP. A known value of "zero" indicates an analysis was included in the testing series as a "false positive". MAPEP does not provide control limits.

[d] The sample spectrum was reanalyzed utilizing the minimum data point background width method. The result was 1.59 ± 1.77 Bq/L which satisfies MAPEP criteria for a false positive test.

[e] A decimal was misplaced in one of two cobalt-60 results while calculating a mean result causing MAPEP to fail the result as a statistically significant negative value at 3 standard deviations. The correct mean result (-0.0004 ± 0.0186) is not a statistically significant negative value and would not have failed.

f Radium result did not meet MAPEP acceptance criteria.

[g] Provided in the series for "sensitivity evaluation". MAPEP does not provide control limits.

TABLE A-8. Interlaboratory Comparison Crosscheck Program, Environmental Resource Associates (ERA)[a].

MRAD-30 Study

Lab Code [b]	Date	Analysis	Concentration [a] Laboratory Result	ERA Value [c]	Control Limits [d]	Acceptance
ERAP-722	3/22/2021	Cs-134	898	1030	668 - 1260	Pass
ERAP-722	3/22/2021	Cs-137	181	163	134 - 214	Pass
ERAP-722	3/22/2021	Co-60	1270	1220	1040 - 1550	Pass
ERAP-722	3/22/2021	Mn-54	< 4.3	< 50.0	0.00 - 50.0	Pass
ERAP-722	3/22/2021	Zn-65	908	771	632 - 1180	Pass
ERAP-722	3/22/2021	Sr-90	184	189	120 - 257	Pass
ERAP-724	3/22/2021	Gross Alpha	88.4	96.1	50.2 - 158	Pass
ERAP-724	3/22/2021	Gross Beta	74.1	62.6	38.0 - 94.6	Pass

[a] Results obtained by Environmental, Inc., Midwest Laboratory (EIML) as a participant in the crosscheck program for proficiency testing administered by Environmental Resource Associates, serving as a replacement for studies conducted previously by the Environmental Measurements Laboratory Quality Assessment Program (EML).

[b] Laboratory code ERAP (air filter). Results are reported in units of (pCi/Filter).

[c] The ERA Assigned values for the air filter standards are equal to 100% of the parameter present in the standard as determined by the gravimetric and/or volumetric measurements made during standard preparation as applicable.

[d] The acceptance limits are established per the guidelines contained in the Department of Energy (DOE) report EML-564, Analysis of Environmental Measurements Laboratory (EML) Quality Assessment Program (QAP) Data Determination of Operational Criteria and Control Limits for Performance Evaluation Purposes or ERA's SOP for the generation of Performance Acceptance Limits.

APPENDIX B

DATA REPORTING CONVENTIONS

Data Reporting Conventions

1.0. All activities, except gross alpha and gross beta, are decay corrected to collection time or the end of the collection period.

2.0. Single Measurements

Each single measurement is reported as follows: $x \pm s$

where: x = value of the measurement;

$s = 2\sigma$ counting uncertainty (corresponding to the 95% confidence level).

In cases where the activity is less than the lower limit of detection L, it is reported as: < L, where L = the lower limit of detection based on 4.66σ uncertainty for a background sample.

3.0. Duplicate analyses

If duplicate analyses are reported, the convention is as follows. :

3.1 Individual results: For two analysis results; $x_1 \pm s_1$ and $x_2 \pm s_2$

Reported result: $x \pm s$; where $x = (1/2)(x_1 + x_2)$ and $s = (1/2)\sqrt{s_1^2 + s_2^2}$

3.2. Individual results: $< L_1$, $< L_2$ Reported result: < L, where L = lower of L_1 and L_2

3.3. Individual results: $x \pm s$, < L Reported result: $x \pm s$ if $x \geq L$; < L otherwise.

4.0. Computation of Averages and Standard Deviations

4.1 Averages and standard deviations listed in the tables are computed from all of the individual measurements over the period averaged; for example, an annual standard deviation would not be the average of quarterly standard deviations. The average $\bar{x}$ and standard deviation "s" of a set of n numbers $x_1, x_2 \ldots x_n$ are defined as follows:

$$\bar{x} = \frac{1}{n} \sum x \qquad s = \sqrt{\frac{\sum (x - \bar{x})^2}{n-1}}$$

4.2 Values below the highest lower limit of detection are not included in the average.

4.3 If all values in the averaging group are less than the highest LLD, the highest LLD is reported.

4.4 If all but one of the values are less than the highest LLD, the single value x and associated two sigma error is reported.

4.5 In rounding off, the following rules are followed:

4.5.1. If the number following those to be retained is less than 5, the number is dropped, and the retained numbers are kept unchanged. As an example, 11.443 is rounded off to 11.44.

4.5.2. If the number following those to be retained is equal to or greater than 5, the number is dropped and the last retained number is raised by 1. As an example, 11.445 is rounded off to 11.45.

APPENDIX C

REMP SAMPLING SUMMARY

TABLE C: Davis-Besse Nuclear Power Station REMP Sampling Summary January - December 2021

Sample Type (Units)	Type and Number of Analyses[a]	LLD[b]	Indicator Locations Mean (F)[c] Range[c]	Location with Highest Annual Mean: Location[d]	Location with Highest Annual Mean: Mean (F)[c] Range[c]	Control Locations Mean (F)[c] Range[c]	Number Non-Routine Results[e]
Airborne Particulates (pCi/m^3)	GB 451	0.005	0.027 (364/364) (0.007-0.057)	T-2 (Indicator) 0.9 mile E	0.028 (52/52) (0.008-0.051)	0.027 (87/106) (0.007-0.057)	0
	Sr-89 32	0.0014	< LLD	-	-	< LLD	0
	Sr-90 32	0.0013	< LLD	-	-	< LLD	0
	GS 32						
	Be-7	N/A	0.087 (28/28) (0.011-0.120)	T-12 (Control) 20.7 mi. WNW	0.111 (3/3) (0.089-0.132)	0.109(8/8) (0.076-0.166)	0
	K-40	0.0360	< LLD	-	-	< LLD	0
	Nb-95	0.0017	< LLD	-	-	< LLD	0
	Zr-95	0.0018	< LLD	-	-	< LLD	0
	Ru-103	0.0010	< LLD	-	-	< LLD	0
	Ru-106	0.0087	< LLD	-	-	< LLD	0
	Cs-134	0.0019	< LLD	-	-	< LLD	0
	Cs-137	0.0009	< LLD	-	-	< LLD	0
	Ce-141	0.0021	< LLD	-	-	< LLD	0
	Ce-144	0.0052	< LLD	-	-	< LLD	0
Airborne Iodine (pCi/m^3)	I-131 451	0.07	< LLD	-	-	< LLD	0
TLD (Quarterly) (mR/91days)	Gamma 232	1.0	15.0 (212/212) (9.1-24.8)	T-154, Outer Ring 4.0 mi. SW	22.6 (4/4) (20.1-24.8)	15.9 (20/20) (12.1-19.2)	0
TLD (Quarterly) (mR/91days) (Shield)	Gamma 4	1.0	None	-	-	6.9 (4/4) (5.7-7.4)	0

TABLE C: Davis-Besse Nuclear Power Station REMP Sampling Summary January - December 2021

Sample Type (Units)	Type and Number of Analyses[a]	LLD[b]	Indicator Locations Mean (F)[c] Range[c]	Location with Highest Annual Mean: Location[d]	Location with Highest Annual Mean: Mean (F)[c] Range[c]	Control Locations Mean (F)[c] Range[c]	Number Non-Routine Results[e]
Milk (pCi/L)	I-131 2	0.5	none	-	-	< LLD	0
	Sr-89 2	0.9	none	-	-	< LLD	0
	Sr-90 2	0.5	none	-	-	< LLD	0
	GS 2						
	K-40	N/A	none	T-24, 21.0 mi. SE	1498 (2/2) (1434-1562)	1498 (2/2) (1434-1562)	0
	Cs-134	10	none	-	-	< LLD	0
	Cs-137	10	none	-	-	< LLD	0
	Ba/La-140	10	none	-	-	< LLD	0
(g/L)	Ca 2	N/A	none	T-24, 21.0 mi. SE	1.12 (2/2) (1.07-1.17)	1.12 (2/2) (1.07-1.17)	0
(g/L)	K (stable) 2	N/A	none	T-24, 21.0 mi. SE	1.83 (2/2) (1.75-1.90)	1.83 (2/2) (1.75-1.90)	0
(pCi/g)	Sr-90/Ca 2	N/A	none	-	-	< LLD	0
(pCi/g)	Cs-137/K 2	N/A	none	-	-	< LLD	0
Ground Water (pCi/L)	GB (TR) 2	2.2	none	-	-	< LLD	0
	H-3 2	330	none	-	-	< LLD	0
	Sr-89 2	1.1	none	-	-	< LLD	0
	Sr-90 2	0.9	none	-	-	< LLD	0
	GS 2						
	Mn-54	15	none	-	-	< LLD	0
	Fe-59	30	none	-	-	< LLD	0
	Co-58	15	none	-	-	< LLD	0
	Co-60	15	none	-	-	< LLD	0
	Zn-65	30	none	-	-	< LLD	0
	Zr-Nb-95	15	none	-	-	< LLD	0
	Cs-134	10	none	-	-	< LLD	0
	Cs-137	10	none	-	-	< LLD	0
	Ba/La-140	15	none	-	-	< LLD	0

TABLE C: Davis-Besse Nuclear Power Station REMP Sampling Summary January - December 2021

Sample Type (Units)	Type and Number of Analyses[a]		LLD[b]	Indicator Locations Mean (F)[c] Range[c]	Location with Highest Annual Mean: Location[d]	Location with Highest Annual Mean: Mean (F)[c] Range[c]	Control Locations Mean (F)[c] Range[c]	Number Non-Routine Results[e]
Broad Leaf Vegetation (pCi/g wet)	Sr-89	22	0.010	< LLD	-	-	< LLD	0
	Sr-90	22	0.006	< LLD	-	-	< LLD	0
	GS	22						
	K-40		0.50	3.43 (15/15) (1.58-5.38)	T-30, Control 12.8 mi. WNW	4.75 (3/3) (3.85-5.42)	3.20 (7/7) (1.72-5.42)	0
	Nb-95		0.022	< LLD	-	-	< LLD	0
	Zr-95		0.032	< LLD	-	-	< LLD	0
	I-131		0.021	< LLD	-	-	< LLD	0
	Cs-134		0.020	< LLD	-	-	< LLD	0
	Cs-137		0.017	< LLD	-	-	< LLD	0
	Ce-141		0.038	< LLD	-	-	< LLD	0
	Ce-144		0.150	< LLD	-	-	< LLD	0
Treated Surface Water (pCi/L)	GB (TR)	24	2.2	1.4 (10/12) (0.9-2.2)	T-11, Control 9.1 mi. SE	1.5 (9/12) (0.9-2.1)	1.5 (9/12) (0.9-2.1)	0
	H-3	8	330	< LLD	-	-	< LLD	0
	Sr-89	8	1.1	< LLD	-	-	< LLD	0
	Sr-90	8	0.9	< LLD	-	-	< LLD	0
	GS	8						
	Mn-54		15	< LLD	-	-	< LLD	0
	Fe-59		30	< LLD	-	-	< LLD	0
	Co-58		15	< LLD	-	-	< LLD	0
	Co-60		15	< LLD	-	-	< LLD	0
	Zn-65		30	< LLD	-	-	< LLD	0
	Zr-Nb-95		15	< LLD	-	-	< LLD	0
	Cs-134		10	< LLD	-	-	< LLD	0
	Cs-137		10	< LLD	-	-	< LLD	0
	Ba/La-140		15	< LLD	-	-	< LLD	0

TABLE C: Davis-Besse Nuclear Power Station REMP Sampling Summary January - December 2021

Sample Type (Units)	Type and Number of Analyses[a]		LLD[b]	Indicator Locations Mean (F)[c] Range[c]	Location with Highest Annual Mean: Location[d]	Location with Highest Annual Mean: Mean (F)[c] Range[c]	Control Locations Mean (F)[c] Range[c]	Number Non-Routine Results[e]
Untreated Surface Water (pCi/L)	GB (TR)	36	2.2	1.7 (22/24) (0.9-3.1)	T-3, Indicator 1.4 mi. ESE	1.9 (11/12) (1.2-3.1)	1.3 (7/12) (0.8-1.5)	0
	H-3	36	330	452 (5/24) (330-677)	T-22, Indicator 2.1 mi. W	504 (2/12) (330-677)	341 (1/12)	0
	Sr-89	12	1.1	< LLD	-	-	< LLD	0
	Sr-90	12	0.9	< LLD	-	-	< LLD	0
	GS	36						
	Mn-54		15	< LLD	-	-	< LLD	0
	Fe-59		30	< LLD	-	-	< LLD	0
	Co-58		15	< LLD	-	-	< LLD	0
	Co-60		15	< LLD	-	-	< LLD	0
	Zn-65		30	< LLD	-	-	< LLD	0
	Zr-Nb-95		15	< LLD	-	-	< LLD	0
	Cs-134		10	< LLD	-	-	< LLD	0
	Cs-137		10	< LLD	-	-	< LLD	0
	Ba-La-140		15	< LLD	-	-	< LLD	0
Fish (pCi/G wet)	GB	4	0.10	3.68 (2/2) (3.17-4.18)	T-35, Control	4.80 (2/2) (4.51-5.09)	4.80 (2/2) (4.51-5.09)	0
	GS	4						
	K-40		0.10	3.02 (2/2) (2.36-3.69)	T-35, Control	3.18 (2/2) (3.07-3.30)	3.18 (2/2) (3.07-3.30)	0
	Mn-54		0.020	< LLD	-	-	< LLD	0
	Fe-59		0.058	< LLD	-	-	< LLD	0
	Co-58		0.031	< LLD	-	-	< LLD	0
	Co-60		0.026	< LLD	-	-	< LLD	0
	Zn-65		0.046	< LLD	-	-	< LLD	0
	Cs-134		0.023	< LLD	-	-	< LLD	0
	Cs-137		0.023	< LLD	-	-	< LLD	0

TABLE C: Davis-Besse Nuclear Power Station REMP Sampling Summary January - December 2021

Sample Type (Units)	Type and Number of Analyses[a]	LLD[b]	Indicator Locations Mean (F)[c] Range[c]	Location with Highest Annual Mean: Location[d]	Location with Highest Annual Mean: Mean (F)[c] Range[c]	Control Locations Mean (F)[c] Range[c]	Number Non-Routine Results[e]
Shoreline Sediments (pCi/g dry)	GS 4						
	K-40	0.10	8.86 (2/2) (8.69-9.02)	T-11, Control 9.5 mi. SE	13.56 (2/2) (12.25-14.84)	13.56 (2/2) (12.25-14.84)	0
	Mn-54	0.047	< LLD	-	-	< LLD	0
	Co-58	0.077	< LLD	-	-	< LLD	0
	Co-60	0.029	< LLD	-	-	< LLD	0
	Cs-134	0.150	< LLD	-	-	< LLD	0
	Cs-137	0.150	< LLD	-	-	< LLD	0

[a] GB = Gross Beta, GS = Gamma Scan

[b] LLD = Lower Limit of Detection. Per the Davis-Besse Nuclear Power Station Onsite Dose Calculation Manual, Table 6-3, this is an a-priori value for a radioisotope in a given matrix. The Contract-Required Detection Limit (CRDL) is provided for radioisotopes if it is lower than the LLD or when an LLD is not provided for a radioisotope in a given sample matrix. In the absence of an LLD or CRDL for a given sample matrix, the maximum Minimum Detectable Activity (MDA) for the reporting year is provided.

[c] Mean and range are based on detectable only (i.e., > LLD) Fraction of detectable measurements at specified locations is indicated in parentheses (F).

[d] Locations are specified by station code and distance (miles) and direction relative to reactor site.

[e] Non-routine results are those which exceed ten times the control station value.

L-22-092
Enclosure B

2021 Radiological Effluent Release Report (RERR) Meteorological Data

for the

Davis-Besse Nuclear Power Station

```
FILES USED THIS RUN ARE:
      OPTIONS FILE NAME:SUMAN.CNT
      INPUT FILE NAME  :DBHR21R3.PRN
      PRINT FILE NAME  :DBSUM21.PRT
     OUTPUT FILE NAME  :DBSUM21.OUT
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PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

NUMBER OF VARIABLES = 18

FORMAT OF THE DATA:(4(1X,I2),18(2X,F6.2))

START DATE: 21010101
END DATE: 21123124

VARIABLE	MISSING CODE	MINIMUM LIMIT	MAXIMUM LIMIT
WIND DIR 1OOM	999.000	.000	360.000
WIND SPEED 100M	999.000	.000	100.000
SIGMA THETA 100M	999.000	.000	50.000
TEMPERATURE 100M	999.000	-10.000	105.000
DEW POINT 100M	999.000	-10.000	100.000
WIND DIR 75M	999.000	.000	360.000
WIND SPEED 75M	999.000	.000	100.000
SIGMA THETA 75M	999.000	.000	50.000
TEMPERATURE 75M	999.000	-10.000	105.000
WIND DIR 10M	999.000	.000	360.000
WIND SPEED 10M	999.000	.000	100.000
SIGMA THETA 10M	999.000	.000	50.000
TEMPERATURE 10M	999.000	-10.000	105.000
DEW POINT 10M	999.000	-10.000	75.000
DELTA T 100-10	999.000	-4.000	8.000
DELTA T 100-75	999.000	-1.000	3.000
DELTA T 75-10	999.000	-4.000	8.000
PRECIPITATION	999.000	.000	.100

SAMPLE FORMAT OF THE DATA:(4(I2),18(1X,F5.1))

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21 1 1 1 105.8  12.6   7.8  28.5 999.0  98.7  11.8   8.6  29.0 101.8   5.9  15.6  29.8 999.0  -1.3 999.0   -.8    .0
21 1 1 2 110.7  11.5   4.3  28.7 999.0 103.5  11.1   4.2  29.2 105.3   5.5  13.5  29.9 999.0  -1.1 999.0   -.6    .0
21 1 1 3 125.8  10.8   9.6  28.6 999.0 119.7   9.3  10.9  29.0 122.1   3.9  29.6  29.5 999.0   -.9 999.0   -.6    .0
21 1 1 4 101.3  12.4   5.0  28.5 999.0  94.6  12.0   4.9  28.9  93.9   5.7  15.0  29.5 999.0  -1.0 999.0   -.6    .0
21 1 1 5 109.1  13.1   6.7  28.8 999.0 103.1  12.5   7.5  29.3 107.5   6.6  16.3  29.9 999.0  -1.2 999.0   -.7    .0
21 1 1 6 108.2  15.2   3.6  28.9 999.0 102.0  14.6   4.1  29.4 104.5   8.4  13.1  30.2 999.0  -1.4 999.0   -.9    .0
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LAST RECORD READ 21 12 31 24

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR JAN DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	744	205.750	.630	21012316	359.400	21010623
WIND SPEED 100M	744	14.431	.840	21010503	33.760	21012115
SIGMA THETA 100M	744	6.025	.540	21012402	82.000	21010701
TEMPERATURE 100M	733	29.151	16.620	21012309	43.330	21011317
DEW POINT 100M	0					
WIND DIR 75M	744	204.254	.530	21010905	358.700	21012710
WIND SPEED 75M	744	13.507	1.260	21010503	32.340	21012115
SIGMA THETA 75M	744	6.648	.530	21012402	102.000	21010624
TEMPERATURE 75M	733	29.524	16.520	21012309	43.690	21011317
WIND DIR 10M	744	197.809	.000	21012502	359.100	21010815
WIND SPEED 10M	744	8.823	.000	21012502	23.580	21012115
SIGMA THETA 10M	744	11.973	.000	21012502	78.600	21010502
TEMPERATURE 10M	744	30.372	16.520	21012308	44.230	21011316
DEW POINT 10M	0					
DELTA T 100-10	737	-1.211	-4.000	21012911	4.600	21010921
DELTA T 100-75	0					
DELTA T 75-10	744	-.852	-4.000	21013013	5.020	21013003
PRECIPITATION	744	.001	.000	21013124	.270	21010115

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR FEB DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	672	187.319	.020	21020121	360.000	21021109
WIND SPEED 100M	672	17.264	1.070	21021711	44.190	21020502
SIGMA THETA 100M	672	5.419	.570	21022108	73.800	21020917
TEMPERATURE 100M	665	22.857	7.480	21020710	55.420	21022816
DEW POINT 100M	0					
WIND DIR 75M	672	188.967	.660	21021110	359.800	21020119
WIND SPEED 75M	672	15.667	1.010	21021419	42.270	21020502
SIGMA THETA 75M	672	5.997	.670	21022621	94.200	21021419
TEMPERATURE 75M	669	23.111	7.120	21021708	57.160	21022818
WIND DIR 10M	672	182.535	.160	21022605	359.300	21021108
WIND SPEED 10M	672	10.040	.930	21021419	31.630	21020502
SIGMA THETA 10M	672	10.867	3.420	21020922	76.200	21021002
TEMPERATURE 10M	672	23.495	1.610	21021708	57.730	21022816
DEW POINT 10M	0					
DELTA T 100-10	660	-.746	-3.990	21021714	7.990	21022104
DELTA T 100-75	0					
DELTA T 75-10	672	-.251	-4.000	21022716	7.970	21022801
PRECIPITATION	672	.000	.000	21022824	.050	21020421

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR MAR DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	743	185.082	1.190	21030620	357.100	21031619
WIND SPEED 100M	743	18.639	1.570	21030208	43.250	21031113
SIGMA THETA 100M	743	5.873	.700	21032101	43.740	21030208
TEMPERATURE 100M	728	42.864	20.250	21030205	69.740	21033019
DEW POINT 100M	0					
WIND DIR 75M	743	176.680	1.870	21031617	359.300	21031616
WIND SPEED 75M	743	16.948	1.420	21030208	40.270	21031113
SIGMA THETA 75M	743	6.479	.550	21032105	47.140	21032112
TEMPERATURE 75M	738	42.994	20.720	21030205	70.030	21033019
WIND DIR 10M	743	174.635	.590	21030414	358.900	21030422
WIND SPEED 10M	743	10.496	.200	21032104	27.800	21031901
SIGMA THETA 10M	743	12.225	3.540	21032106	75.300	21030906
TEMPERATURE 10M	743	43.320	21.150	21030208	71.150	21033019
DEW POINT 10M	0					
DELTA T 100-10	727	-.438	-3.760	21031310	7.990	21032306
DELTA T 100-75	0					
DELTA T 75-10	743	-.139	-3.020	21030512	7.970	21032205
PRECIPITATION	744	.001	.000	21033124	.230	21032602

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR APR DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	718	215.668	1.440	21041815	359.300	21040123
WIND SPEED 100M	718	16.067	2.360	21041310	34.320	21040916
SIGMA THETA 100M	718	6.356	.360	21040423	79.000	21040514
TEMPERATURE 100M	702	50.406	27.040	21040112	81.040	21042719
DEW POINT 100M	0					
WIND DIR 75M	717	207.753	.280	21042911	359.600	21042107
WIND SPEED 75M	718	14.702	2.110	21041407	31.910	21040916
SIGMA THETA 75M	718	6.795	.770	21040723	54.530	21040514
TEMPERATURE 75M	712	50.559	27.320	21040112	81.490	21042719
WIND DIR 10M	718	205.019	2.200	21042107	359.800	21042024
WIND SPEED 10M	718	8.796	.970	21041624	19.910	21043015
SIGMA THETA 10M	718	13.024	3.770	21041224	62.420	21042417
TEMPERATURE 10M	720	50.774	29.150	21040111	82.650	21042718
DEW POINT 10M	0					
DELTA T 100-10	697	-.336	-3.940	21041216	7.990	21040608
DELTA T 100-75	0					
DELTA T 75-10	720	-.088	-4.000	21042114	7.970	21040802
PRECIPITATION	720	.003	.000	21043024	.240	21041020

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR MAY DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	744	175.669	.850	21051307	359.500	21051215
WIND SPEED 100M	744	14.254	.790	21050522	45.730	21052814
SIGMA THETA 100M	744	7.548	.720	21052201	95.100	21053123
TEMPERATURE 100M	734	59.199	37.650	21050913	85.320	21052519
DEW POINT 100M	0					
WIND DIR 75M	744	171.591	1.670	21050521	359.400	21053013
WIND SPEED 75M	744	13.051	.830	21050316	43.640	21052814
SIGMA THETA 75M	744	8.084	.790	21051906	88.600	21050316
TEMPERATURE 75M	738	59.368	38.430	21050913	85.780	21052517
WIND DIR 10M	744	168.084	.000	21053122	359.800	21052409
WIND SPEED 10M	744	7.870	.000	21053122	27.820	21052814
SIGMA THETA 10M	744	15.323	.000	21053122	77.500	21050604
TEMPERATURE 10M	744	59.492	37.560	21051007	86.930	21052517
DEW POINT 10M	0					
DELTA T 100-10	736	-.181	-3.890	21050818	7.970	21051503
DELTA T 100-75	0					
DELTA T 75-10	744	.014	-4.000	21050710	7.970	21052007
PRECIPITATION	744	.005	.000	21053124	.370	21052319

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR JUNE DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	720	188.093	.210	21062014	358.400	21062013
WIND SPEED 100M	720	14.054	1.690	21060821	35.320	21061811
SIGMA THETA 100M	720	7.604	.750	21061703	87.300	21060813
TEMPERATURE 100M	696	71.505	51.810	21062207	87.550	21062917
DEW POINT 100M	0					
WIND DIR 75M	720	185.276	.140	21062013	360.000	21062014
WIND SPEED 75M	720	12.571	.480	21060821	30.770	21061811
SIGMA THETA 75M	720	8.243	1.150	21061704	87.300	21061718
TEMPERATURE 75M	696	71.613	52.410	21062206	87.980	21062917
WIND DIR 10M	720	184.904	3.140	21061413	360.000	21060111
WIND SPEED 10M	720	6.988	.670	21060821	22.040	21062114
SIGMA THETA 10M	720	15.982	5.850	21060101	80.800	21060813
TEMPERATURE 10M	720	72.080	53.460	21062206	89.880	21062917
DEW POINT 10M	0					
DELTA T 100-10	720	-.565	-4.000	21060811	6.750	21061401
DELTA T 100-75	0					
DELTA T 75-10	720	-.459	-4.000	21060811	6.810	21061401
PRECIPITATION	720	.004	.000	21063024	.300	21062512

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR JULY DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	744	199.606	.780	21070202	359.800	21072213
WIND SPEED 100M	744	12.539	.630	21070307	29.390	21071112
SIGMA THETA 100M	744	7.566	.720	21072704	81.400	21070714
TEMPERATURE 100M	700	72.749	60.390	21070208	86.950	21070518
DEW POINT 100M	0					
WIND DIR 75M	744	197.550	.760	21072206	359.600	21070904
WIND SPEED 75M	744	11.338	1.170	21070307	27.400	21071112
SIGMA THETA 75M	744	8.186	.970	21071821	86.300	21070714
TEMPERATURE 75M	700	72.958	60.960	21070208	87.360	21070519
WIND DIR 10M	744	192.408	.090	21072117	359.600	21071717
WIND SPEED 10M	744	6.797	.130	21071808	17.380	21070209
SIGMA THETA 10M	744	15.715	4.330	21072521	89.900	21071805
TEMPERATURE 10M	744	73.498	60.270	21070308	88.680	21070518
DEW POINT 10M	0					
DELTA T 100-10	743	-.723	-4.000	21072514	7.970	21072705
DELTA T 100-75	0					
DELTA T 75-10	744	-.487	-4.000	21072514	6.390	21072702
PRECIPITATION	744	.006	.000	21073124	1.300	21072423

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR AUG DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	744	177.524	3.090	21081912	358.700	21081410
WIND SPEED 100M	744	11.584	1.460	21081702	34.980	21081103
SIGMA THETA 100M	744	7.550	.410	21080602	72.100	21080715
TEMPERATURE 100M	695	74.793	63.550	21080109	86.710	21082917
DEW POINT 100M	0					
WIND DIR 75M	744	174.823	.860	21080717	356.800	21082213
WIND SPEED 75M	744	10.603	.590	21082701	31.560	21081103
SIGMA THETA 75M	744	8.599	.600	21082101	79.000	21082705
TEMPERATURE 75M	693	74.860	62.230	21080109	87.070	21082917
WIND DIR 10M	744	176.746	4.680	21081810	359.900	21082507
WIND SPEED 10M	744	5.875	.090	21082619	19.320	21080119
SIGMA THETA 10M	744	17.103	5.010	21080401	92.100	21083024
TEMPERATURE 10M	744	74.972	60.650	21080307	88.880	21082917
DEW POINT 10M	0					
DELTA T 100-10	742	-.137	-4.000	21082515	7.860	21080405
DELTA T 100-75	0					
DELTA T 75-10	744	-.070	-4.000	21082517	7.190	21080405
PRECIPITATION	744	.004	.000	21083124	.570	21081116

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR SEPT DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	719	177.807	1.520	21091514	359.900	21092212
WIND SPEED 100M	720	15.628	1.230	21092909	41.460	21092219
SIGMA THETA 100M	720	6.964	.540	21091021	93.500	21090221
TEMPERATURE 100M	697	67.343	45.760	21092308	86.720	21091417
DEW POINT 100M	0					
WIND DIR 75M	720	175.334	1.080	21090313	359.700	21092203
WIND SPEED 75M	720	14.045	.630	21092909	37.430	21092219
SIGMA THETA 75M	720	7.722	.820	21091022	81.900	21091518
TEMPERATURE 75M	702	67.520	46.610	21092309	87.120	21091417
WIND DIR 10M	720	178.303	.770	21092212	359.900	21092213
WIND SPEED 10M	720	8.083	.150	21092723	29.510	21092215
SIGMA THETA 10M	720	15.564	4.530	21093002	94.700	21092201
TEMPERATURE 10M	718	67.696	47.850	21092308	88.450	21091417
DEW POINT 10M	0					
DELTA T 100-10	713	-.310	-4.000	21090511	7.970	21090706
DELTA T 100-75	0					
DELTA T 75-10	720	-.067	-4.000	21090511	7.880	21091803
PRECIPITATION	720	.006	.000	21093024	.700	21091323

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR OCT DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	744	184.730	.580	21102523	360.000	21102707
WIND SPEED 100M	744	15.387	1.210	21102406	34.210	21102602
SIGMA THETA 100M	744	6.154	.160	21100801	64.010	21100416
TEMPERATURE 100M	738	59.437	42.260	21102211	79.910	21101117
DEW POINT 100M	0					
WIND DIR 75M	744	181.025	1.830	21102719	359.700	21101522
WIND SPEED 75M	744	13.836	.980	21101818	32.400	21102602
SIGMA THETA 75M	744	6.923	.310	21100102	71.400	21100416
TEMPERATURE 75M	740	59.527	42.850	21102211	80.510	21101017
WIND DIR 10M	744	177.651	.800	21102522	359.900	21101518
WIND SPEED 10M	744	7.703	.350	21101423	24.810	21102602
SIGMA THETA 10M	744	14.204	4.220	21101821	62.010	21101503
TEMPERATURE 10M	744	59.859	40.550	21102407	81.700	21101415
DEW POINT 10M	0					
DELTA T 100-10	734	-.425	-4.000	21100910	7.970	21101904
DELTA T 100-75	0					
DELTA T 75-10	744	-.247	-4.000	21100912	7.970	21102406
PRECIPITATION	744	.008	.000	21103124	.480	21102422

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR NOV DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	720	225.792	1.340	21110916	359.500	21110919
WIND SPEED 100M	720	16.970	1.530	21111609	33.150	21112124
SIGMA THETA 100M	720	5.311	.370	21110524	49.960	21111609
TEMPERATURE 100M	720	40.511	26.830	21112702	66.290	21111116
DEW POINT 100M	0					
WIND DIR 75M	720	219.360	6.230	21110918	355.700	21110919
WIND SPEED 75M	720	15.336	.320	21110418	31.930	21112124
SIGMA THETA 75M	720	5.929	.680	21110524	45.500	21111915
TEMPERATURE 75M	720	40.601	27.010	21112309	66.630	21111116
WIND DIR 10M	720	211.624	8.410	21110914	359.300	21110917
WIND SPEED 10M	720	8.420	.270	21110422	20.210	21112124
SIGMA THETA 10M	720	12.620	5.100	21111604	78.600	21110910
TEMPERATURE 10M	720	40.627	24.680	21112308	67.720	21111116
DEW POINT 10M	0					
DELTA T 100-10	719	-.134	-3.450	21111913	7.980	21111008
DELTA T 100-75	0					
DELTA T 75-10	720	-.019	-2.800	21111913	7.970	21111009
PRECIPITATION	720	.002	.000	21113024	.090	21111120

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR DEC DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	743	203.876	2.580	21120503	359.800	21121816
WIND SPEED 100M	743	16.821	.020	21120311	49.290	21121113
SIGMA THETA 100M	743	5.615	.460	21121419	69.040	21122610
TEMPERATURE 100M	739	38.115	21.120	21120710	60.960	21121111
DEW POINT 100M	0					
WIND DIR 75M	743	198.825	.540	21121815	359.900	21122607
WIND SPEED 75M	743	15.460	1.000	21122906	46.840	21121113
SIGMA THETA 75M	743	6.296	.620	21121017	96.100	21122610
TEMPERATURE 75M	739	38.340	21.680	21120710	61.310	21121111
WIND DIR 10M	743	191.080	6.070	21122905	358.000	21121814
WIND SPEED 10M	743	8.765	1.170	21120311	32.530	21121113
SIGMA THETA 10M	743	12.648	3.910	21122607	88.800	21122610
TEMPERATURE 10M	743	38.546	22.400	21120707	61.860	21121111
DEW POINT 10M	0					
DELTA T 100-10	743	-.397	-3.720	21120413	7.920	21123123
DELTA T 100-75	0					
DELTA T 75-10	743	-.174	-2.680	21122214	7.210	21121406
PRECIPITATION	743	.002	.000	21123123	.170	21120517

PROGRAM: SUMMARY
VERSION: PC-1.0
SUMMARY OF METEOROLOGICAL DATA 2021

SUMMARY STATISTICS FOR YEAR DATA SET: DBHR21R3.PRN

VARIABLE	COUNT	MEAN	MIN	DATE	MAX	DATE
WIND DIR 1OOM	8755	193.873	.020	21020121	360.000	21102707
WIND SPEED 100M	8756	15.282	.020	21120311	49.290	21121113
SIGMA THETA 100M	8756	6.507	.160	21100801	95.100	21053123
TEMPERATURE 100M	8547	52.348	7.480	21020710	87.550	21062917
DEW POINT 100M	0					
WIND DIR 75M	8755	190.049	.140	21062013	360.000	21062014
WIND SPEED 75M	8756	13.904	.320	21110418	46.840	21121113
SIGMA THETA 75M	8756	7.168	.310	21100102	102.000	21010624
TEMPERATURE 75M	8580	52.500	7.120	21021708	87.980	21062917
WIND DIR 10M	8756	186.674	.000	21053122	360.000	21060111
WIND SPEED 10M	8756	8.208	.000	21053122	32.530	21121113
SIGMA THETA 10M	8756	13.959	.000	21053122	94.700	21092201
TEMPERATURE 10M	8756	53.081	1.610	21021708	89.880	21062917
DEW POINT 10M	0					
DELTA T 100-10	8671	-.466	-4.000	21100910	7.990	21040608
DELTA T 100-75	0					
DELTA T 75-10	8758	-.237	-4.000	21100912	7.970	21111009
PRECIPITATION	8759	.004	.000	21123123	1.300	21072423

```
FILES USED THIS RUN ARE:
      OPTIONS FILE NAME:JFDB001G.CNT
      INPUT FILE NAME  :DBHR21R2.PRN
      PRINT FILE NAME  :JFD01G.PRT
```

TIME OF DAY: 14:28: 3

PROGRAM: JFD VERSION: PC-1.2

PRINTOUT OF INPUT CONTROL DATA

TITLE: ********DAVIS-BESSE 75-10 DT, NO BACKUP ********
BEGIN DATE: 21 4 10 13
END DATE: 21 4 10 16
OPTION TO PRINT MONTHLY JFDS: NO
OPTION TO PRINT SEASONAL JFDS: NO
OPTION TO PRINT STABILITY BY HOUR OF DAY: YES
OPTION TO PLACE JFD IN FILE FORMATTED FOR PAVAN/XOQDOQ: NO
OPTION TO USE 7 WIND SPEED CLASSES
INPUTTED WIND SPEED CLASSES IN MPH : .00 3.50 7.50 12.50 18.50 24.00 .00

PRIMARY MEASUREMENTS BASED ON:
WIND SPEED MEASURED AT 35.0 FEET IN MPH
BAD WIND SPEED DATA CODED: -99.00
WIND SPEED THRESHOLD: 1.00 MPH
WIND DIRECTION MEASURED AT 35.0 FEET
BAD WIND DIRECTION DATA CODED: -99.0
DELTA T MEASURED BETWEEN 250.0 FEET AND 35.0 FEET IN DEG F
BAD DELTA T CODED: -99.00

BACK-UP MEASUREMENTS BASED ON:
NO BACKUP WIND SPEED MEASUREMENTS
NO BACKUP WIND DIRECTION MEASUREMENTS
NO BACKUP STABILITY MEASUREMENTS

WIND SPEED HEIGHT TO BE USED FOR JFD: 35.00 FEET

FORMAT TO READ INPUT DATA: (4(1X,I2),T84,F6.2,T77,F6.2,T126,F6.2,T2,A2,T86,A3,T79,A3,T128,A3)

FIRST DATA RECORD READ: 21 21 1 1 1 5.9 101.8 -.8

TIME OF DAY: 14:28: 3

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 4/10/21 - 4/10/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

			HOURS																					
YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
21	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	4	10	-	-	-	-	-	-	-	-	-	-	-	-	D	D	D	G	-	-	-	-	-	-	-	-

TIME OF DAY: 14:28: 3

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 4/10/21 - 4/10/21

*** ANNUAL ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TIME OF DAY: 14:28: 3

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 4/10/21 - 4/10/21

*** ANNUAL ***

STABILITY CLASS C

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STABILITY CLASS D

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
7.51-12.50	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3

TIME OF DAY: 14:28: 3

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 4/10/21 - 4/10/21

*** ANNUAL ***

STABILITY CLASS E

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STABILITY CLASS F

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TIME OF DAY: 14:28: 3

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 4/10/21 - 4/10/21

*** ANNUAL ***

STABILITY CLASS G

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1

STABILITY CLASS ALL

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
7.51-12.50	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	3
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	4

TIME OF DAY: 14:28: 3

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 4/10/21 - 4/10/21

*** ANNUAL ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 4
TOTAL NUMBER OF VALID OBSERVATIONS: 4
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 8.5 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
.00	.00	.00	75.00	.00	.00	25.00

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0

LAST DATA RECORD READ: 21 21 12 31 24 -99.0 -99.0 -99.0

```
FILES USED THIS RUN ARE:
      OPTIONS FILE NAME:JFDB002G.CNT
      INPUT FILE NAME  :DBHR21R2.PRN
      PRINT FILE NAME  :JFD02G.PRT
```

```
PROGRAM: JFD     VERSION: PC-1.2

PRINTOUT OF INPUT CONTROL DATA

TITLE:   ********DAVIS-BESSE 75-10 DT, NO BACKUP ********
BEGIN DATE:   21 11 29 17
END DATE:     21 11 29 21
OPTION TO PRINT MONTHLY JFDS:  NO
OPTION TO PRINT SEASONAL JFDS:  NO
OPTION TO PRINT STABILITY BY HOUR OF DAY: YES
OPTION TO PLACE JFD IN FILE FORMATTED FOR PAVAN/XOQDOQ:  NO
OPTION TO USE  7  WIND SPEED CLASSES
INPUTTED WIND SPEED CLASSES IN MPH :     .00   3.50   7.50  12.50  18.50  24.00    .00

PRIMARY MEASUREMENTS BASED ON:
       WIND SPEED MEASURED AT   35.0 FEET      IN  MPH
         BAD WIND SPEED DATA CODED: -99.00
         WIND SPEED THRESHOLD:  1.00 MPH
       WIND DIRECTION MEASURED AT  35.0 FEET
         BAD WIND DIRECTION DATA CODED:  -99.0
       DELTA T MEASURED BETWEEN 250.0 FEET     AND  35.0 FEET     IN DEG F
         BAD DELTA T CODED: -99.00

BACK-UP MEASUREMENTS BASED ON:
       NO BACKUP WIND SPEED MEASUREMENTS
       NO BACKUP WIND DIRECTION MEASUREMENTS
       NO BACKUP STABILITY MEASUREMENTS

WIND SPEED HEIGHT TO BE USED FOR JFD:  35.00 FEET

FORMAT TO READ INPUT DATA: (4(1X,I2),T84,F6.2,T77,F6.2,T126,F6.2,T2,A2,T86,A3,T79,A3,T128,A3)

FIRST DATA RECORD READ: 21          21  1  1  1     5.9   101.8     -.8
```

TIME OF DAY: 14:29:10

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 11/29/21 - 11/29/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

YR	MN	DY	HOURS 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
21	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	11	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E	E	E	D	D	-	-	-

TIME OF DAY: 14:29:10

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 11/29/21 - 11/29/21

*** ANNUAL ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TIME OF DAY: 14:29:10

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 11/29/21 - 11/29/21

*** ANNUAL ***

STABILITY CLASS C

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STABILITY CLASS D

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2

TIME OF DAY: 14:29:10

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 11/29/21 - 11/29/21

*** ANNUAL ***

STABILITY CLASS E

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
3.51- 7.50	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3

STABILITY CLASS F

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TIME OF DAY: 14:29:10

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 11/29/21 - 11/29/21

*** ANNUAL ***

STABILITY CLASS G

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STABILITY CLASS ALL

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
3.51- 7.50	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
7.51-12.50	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	5

TIME OF DAY: 14:29:10

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 11/29/21 - 11/29/21

*** ANNUAL ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 5
TOTAL NUMBER OF VALID OBSERVATIONS: 5
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 6.9 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
.00	.00	.00	40.00	60.00	.00	.00

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0

LAST DATA RECORD READ: 21 21 12 31 24 -99.0 -99.0 -99.0

```
FILES USED THIS RUN ARE:
      OPTIONS FILE NAME:JFD35ANN.CNT
      INPUT FILE NAME  :DBHR21R2.PRN
      PRINT FILE NAME  :DB21JFDL.PRT
```

```
PROGRAM: JFD     VERSION: PC-1.2

PRINTOUT OF INPUT CONTROL DATA

TITLE:   ********DAVIS-BESSE 75-10 DT, NO BACKUP ********
BEGIN DATE:   21  1  1  1
END DATE:     21 12 31 24
OPTION TO PRINT MONTHLY JFDS:  YES
OPTION TO PRINT SEASONAL JFDS:  YES
OPTION TO PRINT STABILITY BY HOUR OF DAY: YES
OPTION TO PLACE JFD IN FILE FORMATTED FOR PAVAN/XOQDOQ:  YES
OPTION TO USE  7  WIND SPEED CLASSES
INPUTTED WIND SPEED CLASSES IN MPH :     .00   3.50   7.50  12.50  18.50  24.00    .00

PRIMARY MEASUREMENTS BASED ON:
       WIND SPEED MEASURED AT   35.0 FEET      IN  MPH
         BAD WIND SPEED DATA CODED: -99.00
         WIND SPEED THRESHOLD:  1.00 MPH
       WIND DIRECTION MEASURED AT  35.0 FEET
         BAD WIND DIRECTION DATA CODED:  -99.0
       DELTA T MEASURED BETWEEN 250.0 FEET     AND  35.0 FEET     IN DEG F
         BAD DELTA T CODED: -99.00

BACK-UP MEASUREMENTS BASED ON:
       NO BACKUP WIND SPEED MEASUREMENTS
       NO BACKUP WIND DIRECTION MEASUREMENTS
       NO BACKUP STABILITY MEASUREMENTS

WIND SPEED HEIGHT TO BE USED FOR JFD:  35.00 FEET

FORMAT TO READ INPUT DATA: (4(1X,I2),T84,F6.2,T77,F6.2,T126,F6.2,T2,A2,T86,A3,T79,A3,T128,A3)

FIRST DATA RECORD READ: 21          21  1  1  1     5.9   101.8     -.8
```

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
			HOURS																							
21	1	1	D	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E
21	1	2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	D
21	1	3	D	D	D	E	D	E	E	E	E	E	D	B	C	D	D	D	D	D	D	D	D	D	D	D
21	1	4	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	1	5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	1	6	D	D	D	E	E	D	D	D	D	D	D	D	C	D	D	D	D	D	E	E	E	D	D	D
21	1	7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	1	8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	1	9	D	D	D	D	D	D	E	E	D	C	C	A	A	D	C	C	B	E	F	F	G	F	F	F
21	1	10	E	F	F	F	F	F	F	F	E	D	C	D	B	B	C	D	D	D	D	D	D	D	E	E
21	1	11	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	1	12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	1	13	D	D	E	D	E	E	E	E	D	D	D	D	D	C	D	D	E	E	E	E	E	E	E	E
21	1	14	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	E	E	F	F	F	F	F	F
21	1	15	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	E	F	E	E	E	E	E
21	1	16	E	E	F	F	F	E	E	E	E	D	D	D	D	A	D	D	D	D	D	D	D	D	D	D
21	1	17	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	D	D	D	E	E
21	1	18	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	1	19	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D
21	1	20	D	E	D	D	D	D	D	E	E	D	D	D	D	D	D	D	D	D	E	E	E	E	E	E
21	1	21	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E
21	1	22	D	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	1	23	D	D	D	D	D	D	E	E	D	D	A	A	A	A	D	D	D	D	D	E	D	E	D	E
21	1	24	E	F	F	E	E	D	D	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D
21	1	25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	1	26	D	D	D	D	E	E	D	D	D	D	C	A	B	A	A	C	D	D	D	D	D	D	D	D
21	1	27	D	D	D	D	D	D	D	D	D	A	A	A	A	A	A	A	C	D	E	D	D	D	D	D
21	1	28	D	D	D	D	D	D	D	D	D	C	A	A	A	A	A	B	D	D	E	E	E	E	D	D
21	1	29	D	D	D	D	E	E	E	E	B	D	A	A	A	A	A	A	A	D	F	F	F	F	F	F
21	1	30	F	F	G	F	E	F	E	E	D	C	A	A	A	A	A	A	D	D	D	D	D	D	D	D
21	1	31	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D	D	D	D	D	D	D
21	2	1	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	2	2	D	D	D	D	D	D	D	D	D	D	D	D	A	A	D	D	D	E	E	E	F	E	E	E
21	2	3	E	E	E	E	E	E	E	E	E	D	A	A	A	A	A	D	D	E	F	F	F	G	G	F
21	2	4	G	F	F	G	G	G	F	G	E	E	D	D	D	D	D	D	D	E	D	D	D	E	D	D
21	2	5	D	A	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	D	D	D
21	2	6	E	D	D	D	D	D	D	D	D	D	C	B	C	B	A	C	D	D	E	D	E	E	E	D
21	2	7	D	D	D	D	E	E	E	E	D	C	A	C	A	A	A	C	D	D	D	D	D	D	D	D
21	2	8	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	2	9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	D	D	E	E	F	F	F	F	F
21	2	10	F	G	G	F	F	D	D	D	D	D	D	C	C	C	D	D	D	D	D	D	D	D	D	E
21	2	11	E	D	D	D	D	D	E	E	E	E	D	D	E	E	D	E	E	E	E	E	D	E	F	D
21	2	12	D	D	D	D	D	D	D	D	D	D	D	E	D	D	D	D	D	D	D	D	D	D	D	D
21	2	13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	2	14	D	E	E	E	E	E	F	F	E	D	D	D	C	B	E	A	D	D	D	D	D	D	D	D

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
			HOURS																							
21	2	15	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	2	16	D	D	D	D	D	D	D	D	D	D	C	A	A	A	B	B	C	D	E	E	E	E	E	G
21	2	17	G	G	G	G	G	G	G	G	F	E	E	E	D	D	E	D	D	D	D	D	D	D	D	D
21	2	18	D	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	2	19	D	D	D	E	E	E	F	E	D	E	D	D	D	C	B	D	D	E	E	D	E	E	E	E
21	2	20	E	E	E	D	D	D	E	D	D	D	D	D	C	C	C	D	D	E	E	F	F	G	G	G
21	2	21	G	G	G	F	G	G	G	G	F	E	D	D	D	C	D	D	D	E	E	E	E	E	E	E
21	2	22	E	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	E	D
21	2	23	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E
21	2	24	E	F	E	E	E	E	E	E	E	D	E	D	E	E	D	D	E	E	E	E	E	E	E	E
21	2	25	E	E	E	E	E	E	E	D	D	A	C	A	A	A	A	C	D	E	E	E	E	E	E	E
21	2	26	E	E	E	E	E	F	F	E	D	D	D	D	D	A	D	D	D	E	E	F	F	F	F	F
21	2	27	F	E	E	E	B	B	B	C	A	A	A	A	A	A	A	A	D	D	E	D	E	E	E	G
21	2	28	G	G	F	F	F	F	E	E	F	G	E	E	D	E	F	D	E	E	E	E	E	E	E	D
21	3	1	D	D	D	D	D	E	E	D	D	B	A	A	B	D	D	D	C	D	D	D	D	D	D	D
21	3	2	D	D	D	D	D	E	E	E	E	C	D	D	B	A	A	A	D	D	E	E	E	E	E	E
21	3	3	E	E	E	E	E	E	E	E	D	D	B	C	A	A	A	A	C	E	F	F	G	G	E	E
21	3	4	E	D	D	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	F
21	3	5	F	F	F	E	D	D	E	D	B	A	A	A	A	A	A	A	B	D	E	E	E	E	E	E
21	3	6	E	E	D	D	D	D	E	D	B	A	A	A	A	A	A	C	D	D	E	E	D	E	E	E
21	3	7	E	D	D	D	D	E	D	D	D	D	D	D	D	D	D	D	B	D	E	E	E	E	E	E
21	3	8	F	F	F	E	E	E	E	E	D	D	C	B	B	B	C	D	E	E	E	E	E	E	E	E
21	3	9	E	F	F	F	G	G	G	F	F	D	C	E	E	F	E	F	F	F	F	G	G	G	G	G
21	3	10	F	F	F	F	E	E	E	E	E	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E
21	3	11	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E
21	3	12	E	E	F	F	F	F	F	F	D	A	A	A	A	A	A	A	D	D	E	E	E	E	D	D
21	3	13	D	D	D	D	D	D	D	D	D	C	D	E	D	D	D	D	C	D	E	F	E	E	E	E
21	3	14	E	-	E	E	E	E	F	G	D	D	D	D	D	D	D	A	C	C	D	D	D	D	D	D
21	3	15	D	D	D	D	D	D	D	D	D	D	B	A	A	B	B	D	D	D	D	D	D	D	D	E
21	3	16	E	D	D	D	D	D	D	D	D	D	D	D	D	C	E	E	E	E	E	F	E	E	E	E
21	3	17	E	D	D	D	D	D	D	D	D	D	B	D	D	D	D	D	D	D	D	D	E	D	D	D
21	3	18	D	E	E	E	B	D	D	D	C	B	C	D	D	D	D	D	B	B	C	C	C	C	D	D
21	3	19	D	D	D	D	D	D	D	D	D	D	D	C	B	A	A	A	A	C	D	D	D	D	E	E
21	3	20	E	E	E	E	E	E	E	F	F	D	C	C	D	D	D	D	D	D	D	E	E	E	E	E
21	3	21	F	F	F	F	G	G	G	G	F	E	E	F	E	F	F	E	E	E	G	F	F	G	G	G
21	3	22	G	G	G	G	G	G	G	G	F	E	D	D	B	D	D	D	D	D	E	E	F	F	G	F
21	3	23	G	F	G	G	G	G	F	F	F	D	D	D	D	D	E	F	G	G	G	G	F	F	F	F
21	3	24	F	G	F	E	E	E	E	E	D	D	C	D	D	B	D	D	D	D	D	E	E	E	E	E
21	3	25	E	E	E	F	E	F	F	E	E	D	D	D	C	D	E	E	E	F	F	F	E	D	E	D
21	3	26	D	D	E	F	E	D	C	D	D	D	D	D	A	A	D	B	C	D	D	D	D	D	D	D
21	3	27	D	D	E	E	E	E	E	D	D	D	D	D	A	D	D	D	E	D	D	D	D	E	E	D
21	3	28	E	E	E	E	F	E	E	D	D	E	E	D	C	B	D	D	D	D	D	D	D	D	D	D
21	3	29	D	D	D	D	E	E	E	E	D	D	B	A	B	A	A	A	B	D	D	E	E	E	E	E
21	3	30	E	E	E	E	E	E	E	E	E	D	C	B	D	C	C	D	D	D	D	E	E	E	E	E
21	3	31	E	E	D	D	E	E	D	E	E	B	A	A	A	A	A	A	B	D	D	D	D	D	D	D

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
			HOURS																							
21	4	1	D	D	D	D	D	D	D	D	D	D	D	C	A	C	B	C	C	C	D	D	D	D	D	D
21	4	2	D	D	D	D	D	D	E	D	D	C	B	A	C	D	D	D	C	D	D	D	E	E	E	E
21	4	3	F	F	G	G	F	F	F	E	E	D	C	A	A	B	A	C	B	D	D	E	E	E	F	F
21	4	4	E	F	F	F	G	F	G	G	F	D	E	E	D	D	D	C	D	D	E	E	F	F	F	F
21	4	5	E	E	E	E	E	F	E	E	D	D	D	D	D	F	E	E	G	D	E	F	G	G	G	G
21	4	6	G	G	G	G	G	G	G	G	G	E	D	B	B	C	B	B	C	D	E	E	F	F	F	F
21	4	7	F	F	F	F	F	F	F	F	E	E	D	C	E	E	E	F	F	F	F	F	G	G	G	G
21	4	8	G	G	G	G	G	G	E	E	E	D	D	D	D	D	D	F	E	E	D	D	D	D	D	D
21	4	9	D	D	D	D	E	D	E	E	D	A	D	D	D	D	D	D	D	D	D	E	E	E	E	E
21	4	10	E	E	F	F	F	F	F	G	F	E	D	D	D	D	D	G	G	F	D	E	E	E	E	D
21	4	11	D	D	D	E	E	E	E	D	D	D	D	D	D	D	B	C	B	D	D	D	E	E	E	E
21	4	12	D	E	D	E	E	E	E	D	D	C	A	C	D	C	A	A	D	E	E	E	E	E	F	F
21	4	13	F	F	F	F	F	E	E	F	D	D	D	D	B	B	A	A	B	D	D	E	E	E	E	E
21	4	14	E	E	D	D	D	D	E	F	D	D	D	C	A	D	A	C	D	D	D	D	D	D	D	D
21	4	15	E	E	E	D	D	E	D	D	D	C	C	D	D	C	A	A	B	D	D	D	D	D	D	D
21	4	16	D	D	D	D	D	D	D	D	D	D	B	A	A	A	B	C	D	D	D	D	E	-	E	E
21	4	17	-	D	D	D	D	D	D	D	D	D	E	E	D	D	D	D	D	D	D	D	E	E	F	F
21	4	18	F	F	F	F	F	F	F	F	D	D	C	D	A	A	D	D	D	D	D	D	F	F	E	E
21	4	19	E	E	E	E	E	E	F	E	D	C	B	A	C	B	D	D	D	D	D	D	D	D	D	D
21	4	20	D	D	D	D	D	D	D	D	D	D	D	D	B	D	D	C	D	D	D	D	D	D	D	D
21	4	21	E	D	D	E	E	E	D	E	D	D	A	A	A	A	D	A	A	D	D	D	D	D	D	D
21	4	22	E	E	F	F	E	F	F	E	D	C	B	A	B	A	C	C	C	D	D	D	E	F	F	F
21	4	23	F	F	F	F	F	F	E	E	D	D	B	D	C	A	B	B	D	C	D	E	E	F	F	F
21	4	24	F	F	F	F	G	G	G	G	E	D	E	D	E	D	D	E	F	D	D	D	E	E	E	E
21	4	25	E	E	E	E	D	E	E	D	D	D	C	A	A	A	A	B	C	C	D	D	D	D	D	D
21	4	26	D	D	D	D	D	D	D	D	D	D	A	A	A	A	A	A	A	C	D	D	D	D	E	E
21	4	27	E	E	E	F	F	F	E	E	D	D	D	D	D	B	D	D	D	D	D	E	F	F	F	F
21	4	28	F	E	E	E	E	E	E	E	D	D	C	D	D	D	D	D	D	D	D	E	E	E	A	C
21	4	29	D	A	A	A	B	A	A	D	D	C	D	D	C	C	C	C	D	B	B	B	D	D	D	D
21	4	30	D	D	E	D	D	D	E	D	D	D	D	D	D	A	A	A	A	B	C	D	E	E	D	E
21	5	1	E	E	E	F	E	G	G	G	E	D	D	D	C	A	A	B	D	D	D	E	E	E	E	E
21	5	2	E	E	E	E	E	E	E	E	D	D	D	C	C	C	D	D	D	D	E	E	E	E	E	E
21	5	3	E	E	D	E	E	E	D	D	D	D	D	C	C	C	C	E	E	E	E	E	E	E	E	E
21	5	4	E	E	E	E	E	D	E	E	D	A	A	D	A	A	C	D	D	D	D	D	D	D	D	D
21	5	5	D	D	D	D	D	E	D	D	D	A	A	C	C	C	A	B	B	B	C	D	E	D	E	F
21	5	6	F	F	F	F	E	E	D	D	D	D	D	D	D	D	D	D	D	D	E	D	D	D	D	D
21	5	7	D	D	D	D	D	D	D	D	D	A	D	B	E	C	C	D	D	C	C	D	E	E	E	D
21	5	8	E	E	E	E	E	D	D	D	C	A	A	A	A	B	D	D	D	D	C	D	E	E	D	D
21	5	9	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	D	D	D	E	E
21	5	10	F	F	E	E	F	F	F	F	B	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
21	5	11	E	E	E	E	E	E	E	E	E	E	E	A	A	A	A	B	A	D	D	D	E	D	D	D
21	5	12	D	E	F	E	D	D	D	D	D	D	D	D	D	D	D	E	D	D	D	E	E	E	F	F
21	5	13	F	G	G	G	G	G	F	F	D	D	D	E	D	D	D	C	D	C	D	D	E	F	F	F
21	5	14	F	F	G	G	G	F	F	F	D	A	A	A	C	D	D	D	D	C	D	E	F	F	G	G
21	5	15	G	G	G	G	F	G	G	F	D	D	D	D	E	E	D	D	E	E	E	E	E	E	E	E

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
			HOURS																							
21	5	16	E	F	E	E	E	E	D	E	D	D	D	D	A	B	B	A	C	D	D	D	E	E	E	E
21	5	17	E	E	E	E	E	E	E	E	E	D	D	E	D	E	D	C	D	D	D	E	E	E	E	F
21	5	18	F	F	F	G	G	G	G	F	D	D	B	C	C	D	D	D	D	D	E	E	E	E	E	E
21	5	19	E	F	F	F	F	F	G	E	E	D	D	D	E	E	E	D	E	E	D	E	E	E	F	G
21	5	20	G	G	G	G	G	G	G	G	F	D	D	D	D	E	E	F	E	E	F	F	F	F	G	G
21	5	21	G	F	F	F	F	F	F	F	D	C	C	B	C	A	D	E	E	E	E	F	E	F	G	F
21	5	22	F	G	F	F	F	F	F	E	E	D	D	D	A	B	C	A	B	D	D	E	E	E	F	E
21	5	23	F	F	E	E	E	F	E	E	D	D	A	A	A	D	D	D	E	F	D	D	D	D	D	D
21	5	24	D	C	B	B	D	E	D	D	D	D	D	E	D	D	C	C	B	D	E	E	E	E	E	E
21	5	25	E	E	E	E	E	E	F	E	D	C	C	C	D	C	C	D	D	D	D	E	E	F	F	E
21	5	26	E	E	E	E	E	E	E	D	D	D	D	E	D	C	A	A	D	D	D	E	E	F	G	E
21	5	27	D	D	D	D	D	D	D	D	D	D	C	C	C	B	A	A	A	C	D	D	D	D	D	D
21	5	28	D	D	D	E	E	D	E	E	E	E	E	E	D	D	E	D	D	D	D	D	D	D	D	D
21	5	29	D	D	D	D	D	D	D	D	D	D	D	B	B	A	A	A	C	C	D	D	D	D	D	D
21	5	30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	C	E	E	E	F	F
21	5	31	G	F	G	G	G	G	G	G	D	D	B	A	C	B	B	D	D	D	E	F	E	F	F	F
21	6	1	F	F	F	F	F	F	F	F	E	D	D	E	D	D	C	D	D	D	D	E	E	E	E	E
21	6	2	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	E	E	E	E	E	D	D
21	6	3	D	E	D	D	D	D	D	E	D	A	A	A	D	A	A	E	D	D	D	E	E	E	F	F
21	6	4	E	E	E	E	E	E	E	E	D	D	D	B	C	A	C	D	D	D	E	E	E	F	F	F
21	6	5	E	E	E	E	E	E	E	D	D	D	C	D	C	D	C	D	D	D	D	E	E	F	F	F
21	6	6	E	F	F	F	F	F	F	E	D	C	B	B	C	B	B	C	D	D	D	E	E	E	E	E
21	6	7	E	E	E	E	D	E	E	D	D	B	D	D	A	B	D	C	D	A	B	A	D	E	E	F
21	6	8	E	E	E	E	E	E	E	D	A	C	A	E	D	E	E	E	D	A	A	D	E	F	F	F
21	6	9	F	E	E	E	E	E	D	D	D	D	D	D	D	D	C	B	C	C	C	D	D	E	E	E
21	6	10	E	E	E	E	E	E	D	D	C	D	D	C	D	C	A	B	C	D	C	D	D	E	E	E
21	6	11	E	E	E	E	D	D	D	D	D	D	D	C	D	D	B	D	C	C	D	D	E	E	D	E
21	6	12	E	D	D	D	D	E	D	D	D	D	B	A	D	D	C	D	D	D	D	D	D	D	E	E
21	6	13	E	E	E	E	D	E	E	D	D	D	C	D	D	C	D	D	D	D	C	D	E	E	F	F
21	6	14	G	G	E	E	F	E	E	E	C	D	A	A	D	D	D	C	A	A	A	D	D	D	D	D
21	6	15	D	D	E	E	E	E	D	C	B	B	D	B	C	D	D	D	D	D	D	D	D	D	D	D
21	6	16	D	D	D	D	D	D	D	D	D	C	C	D	D	A	D	D	D	D	D	D	E	E	E	F
21	6	17	F	F	F	F	F	F	F	E	D	B	A	B	B	B	A	B	B	D	D	D	E	F	F	F
21	6	18	E	F	E	E	E	E	E	E	E	E	D	D	A	D	A	A	D	D	D	D	E	E	E	F
21	6	19	F	E	F	E	E	E	E	D	D	D	D	D	D	B	C	D	A	A	A	D	E	E	F	F
21	6	20	E	E	E	E	E	E	E	D	D	B	C	C	E	D	D	D	D	D	E	D	E	F	E	F
21	6	21	E	E	E	F	F	E	D	D	D	B	E	D	C	A	A	B	C	D	D	D	E	D	D	D
21	6	22	D	D	D	D	D	D	D	D	C	B	A	B	C	A	D	D	C	D	D	D	E	E	E	F
21	6	23	F	F	F	E	F	F	F	E	D	C	D	D	D	A	D	D	D	D	D	E	E	F	F	E
21	6	24	E	E	F	E	E	E	E	E	D	D	D	D	C	C	D	D	D	D	E	E	E	F	F	F
21	6	25	E	E	E	E	E	E	E	E	D	D	D	E	D	D	A	D	D	D	E	E	E	F	E	E
21	6	26	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E
21	6	27	E	E	E	E	E	E	E	D	D	D	D	D	B	C	C	A	A	C	D	E	E	E	E	E
21	6	28	E	F	F	E	E	E	E	D	C	B	B	C	D	C	B	D	E	C	E	D	F	F	F	F
21	6	29	F	E	E	E	E	E	E	D	D	D	C	C	B	B	C	D	D	D	D	E	E	E	E	E

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
			HOURS																							
21	6	30	E	E	E	E	E	E	E	E	D	C	D	D	B	D	D	E	D	E	D	D	D	E	D	D
21	7	1	D	D	D	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	7	2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	A	D	D	D	D	D	D	D	D
21	7	3	D	E	D	D	D	F	G	F	D	A	A	A	A	A	D	A	C	D	D	D	E	E	E	E
21	7	4	E	E	E	F	F	E	E	D	B	A	D	E	D	C	B	D	C	D	E	E	E	E	E	E
21	7	5	E	F	F	F	E	E	E	E	D	C	B	C	A	B	C	B	D	D	D	D	E	E	E	E
21	7	6	E	E	E	E	E	E	E	D	D	C	C	C	B	B	B	C	C	D	D	E	E	E	E	E
21	7	7	F	E	F	E	E	E	E	D	D	C	B	B	B	D	D	D	D	E	B	D	E	E	E	E
21	7	8	E	E	E	E	E	E	E	D	C	C	D	D	D	A	B	D	C	C	D	D	E	E	D	D
21	7	9	D	D	D	D	D	D	D	D	D	D	D	C	D	A	D	A	A	A	C	D	D	E	D	D
21	7	10	E	E	E	E	E	E	E	E	E	D	B	C	A	A	A	B	B	D	B	D	E	E	E	E
21	7	11	D	D	D	E	F	F	F	E	E	D	D	D	E	D	D	D	D	D	D	D	D	E	D	E
21	7	12	E	E	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D	D	E	E	E
21	7	13	E	E	E	E	E	E	E	E	E	E	E	B	A	A	D	D	A	D	D	A	D	E	F	E
21	7	14	E	E	E	E	E	E	E	D	A	A	D	D	D	B	A	B	D	D	D	E	E	F	F	F
21	7	15	E	E	E	E	E	E	E	E	D	D	C	C	D	C	C	C	E	E	E	E	E	E	E	E
21	7	16	E	E	E	E	E	E	D	D	D	D	D	A	E	D	C	E	D	D	D	D	D	D	D	D
21	7	17	D	D	D	D	E	E	E	E	E	E	B	A	A	D	D	D	D	D	D	E	E	E	E	E
21	7	18	E	E	F	F	E	E	F	E	B	A	A	B	A	A	A	A	A	A	B	D	E	E	F	F
21	7	19	F	F	F	F	F	E	E	E	D	B	A	A	A	A	A	A	A	B	D	E	E	E	F	F
21	7	20	F	E	E	E	E	E	E	E	D	B	A	A	B	B	A	A	D	D	D	E	E	E	D	D
21	7	21	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D	D	D	D	E	E	E
21	7	22	D	E	E	E	E	F	F	F	E	C	D	D	D	D	D	D	C	D	D	D	E	E	F	F
21	7	23	F	F	F	F	F	F	E	E	E	E	E	D	D	D	D	D	D	D	D	D	E	E	E	E
21	7	24	E	D	D	E	E	E	E	D	D	D	D	B	B	B	D	D	D	D	D	D	E	E	E	D
21	7	25	D	D	E	E	E	E	E	E	D	A	A	A	A	A	D	D	D	D	C	E	E	F	G	G
21	7	26	G	G	F	F	G	F	G	F	E	B	A	A	A	A	A	A	A	A	D	E	E	F	G	G
21	7	27	G	G	G	F	G	G	F	F	E	D	D	B	D	D	A	A	D	D	D	E	E	E	F	F
21	7	28	F	G	F	F	F	F	F	F	C	A	A	C	D	D	D	D	C	D	D	E	E	E	E	E
21	7	29	E	E	E	E	E	E	E	E	E	E	D	D	C	D	D	C	D	A	B	D	E	E	D	B
21	7	30	A	A	E	D	D	D	D	D	D	D	D	D	D	B	B	C	D	D	D	D	E	D	D	D
21	7	31	E	D	E	E	E	E	E	E	D	D	D	B	B	B	D	C	C	D	D	E	E	E	F	F
21	8	1	E	F	F	F	E	E	E	E	D	D	A	A	A	A	A	A	A	A	D	D	D	D	D	D
21	8	2	D	D	D	D	D	D	D	D	B	B	C	A	B	C	C	D	B	C	D	D	E	F	F	F
21	8	3	F	F	G	F	F	F	F	F	D	D	C	D	D	D	D	B	C	D	D	E	E	F	F	F
21	8	4	F	G	G	G	G	G	F	F	E	D	D	E	D	D	C	B	C	C	D	E	E	F	F	F
21	8	5	G	F	F	G	G	G	G	F	E	D	D	B	D	B	B	A	B	D	D	E	F	F	F	G
21	8	6	F	G	F	F	F	E	E	E	D	D	B	B	C	A	C	B	C	D	D	E	F	F	E	E
21	8	7	E	F	F	F	F	F	E	E	D	B	A	A	B	D	E	A	A	A	A	E	E	E	E	E
21	8	8	E	E	E	F	E	E	E	E	D	D	C	C	C	D	D	D	D	D	D	E	E	F	F	E
21	8	9	E	E	E	E	E	E	E	E	D	D	D	D	D	D	E	E	D	C	A	D	D	D	E	E
21	8	10	E	D	D	D	D	D	D	D	A	A	A	D	B	C	D	D	C	D	D	D	E	E	E	E
21	8	11	E	E	D	F	E	E	E	E	E	E	E	D	B	C	D	E	D	D	D	D	D	E	E	E
21	8	12	E	E	E	E	D	E	E	E	E	C	C	D	D	D	D	D	D	D	D	E	E	F	F	F
21	8	13	E	E	E	E	E	E	D	D	D	D	C	B	B	D	D	C	B	D	A	F	E	E	F	E

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
			HOURS																							
21	8	14	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E
21	8	15	E	E	E	E	E	E	E	E	D	D	D	B	C	C	C	B	C	D	D	E	E	E	E	E
21	8	16	E	E	E	E	D	E	D	D	D	D	D	A	A	A	A	A	A	A	D	D	E	E	E	E
21	8	17	E	F	F	F	F	E	D	D	D	D	D	C	C	B	C	D	C	D	D	D	E	E	E	E
21	8	18	E	E	E	E	E	E	E	E	D	D	D	D	D	D	C	D	D	D	D	D	E	E	F	F
21	8	19	F	F	F	F	F	F	F	F	D	C	D	D	D	D	D	D	D	D	D	E	E	E	F	F
21	8	20	F	F	G	G	G	G	G	F	D	D	D	C	B	C	C	D	D	D	D	E	E	E	E	E
21	8	21	F	F	F	F	F	F	F	F	D	D	E	D	D	B	B	B	D	D	D	E	E	F	F	F
21	8	22	F	F	F	F	F	F	F	F	E	A	A	C	D	E	D	D	D	D	D	E	E	F	F	F
21	8	23	E	E	F	F	D	E	D	E	D	A	A	A	A	A	A	A	A	C	B	E	E	F	F	F
21	8	24	G	G	G	F	F	F	F	E	D	D	D	C	B	C	C	C	B	D	D	E	E	F	F	E
21	8	25	E	E	D	E	E	E	E	D	D	D	C	A	A	A	B	A	A	D	D	E	E	F	F	F
21	8	26	E	E	E	E	E	F	E	E	F	D	E	C	C	B	C	D	D	D	E	E	F	F	F	E
21	8	27	F	F	F	F	E	F	F	F	E	D	D	B	B	B	D	B	C	D	D	E	E	E	E	E
21	8	28	E	E	E	E	E	E	E	E	D	C	C	B	B	C	B	C	C	D	E	E	E	E	E	F
21	8	29	F	F	E	E	E	E	F	E	D	C	D	B	B	C	B	B	D	D	D	E	D	D	E	D
21	8	30	E	E	E	E	E	D	E	D	D	D	A	A	C	B	D	D	E	D	D	E	E	F	G	G
21	8	31	G	F	G	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	D	D	D
21	9	1	D	D	D	D	D	D	D	D	D	D	D	D	D	C	B	D	D	D	D	D	D	D	D	D
21	9	2	D	D	D	D	D	D	D	D	D	D	D	D	D	A	D	D	D	D	D	E	E	F	E	E
21	9	3	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E
21	9	4	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	E	E	D	D	D	E	E
21	9	5	D	D	D	D	D	E	E	D	D	C	A	A	A	A	A	A	D	D	D	E	F	F	F	G
21	9	6	G	F	E	E	E	E	E	E	D	B	A	A	B	B	B	B	D	C	D	E	F	F	G	G
21	9	7	G	G	G	G	G	G	G	G	D	C	A	A	B	B	B	D	D	D	E	E	E	E	E	E
21	9	8	E	E	D	E	E	E	E	D	A	D	B	A	A	B	C	D	D	D	E	E	F	F	F	F
21	9	9	E	E	E	E	F	E	E	D	D	A	A	A	A	A	A	E	D	B	D	E	E	E	E	F
21	9	10	G	G	G	G	G	G	G	G	E	D	A	A	D	D	D	C	D	D	D	E	E	F	F	F
21	9	11	F	F	F	E	F	F	E	E	D	D	D	C	C	C	C	C	D	D	E	E	E	E	E	E
21	9	12	E	E	E	E	E	E	E	E	D	D	D	C	B	A	B	D	D	D	E	E	F	E	E	E
21	9	13	E	E	E	E	E	E	E	E	D	D	D	D	C	B	D	D	C	D	D	D	D	E	E	F
21	9	14	F	E	E	E	E	E	E	E	D	D	D	C	B	B	D	D	D	D	E	E	E	D	E	E
21	9	15	D	D	D	B	D	D	D	D	C	A	A	D	D	D	D	D	D	D	D	E	E	F	F	F
21	9	16	F	F	F	F	F	F	F	F	E	D	C	B	B	A	A	B	C	D	D	E	E	E	E	E
21	9	17	E	E	F	F	F	F	F	G	E	D	C	B	D	D	D	D	D	D	E	E	E	F	F	F
21	9	18	G	G	G	G	F	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	9	19	D	E	E	E	E	E	E	F	D	D	C	C	B	B	A	B	C	D	D	E	E	E	E	E
21	9	20	E	E	E	E	E	E	E	E	E	D	A	B	D	E	D	D	E	E	E	E	E	E	E	E
21	9	21	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	9	22	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	C	D	D	D	D	D
21	9	23	D	D	D	D	D	D	D	D	D	D	C	C	C	B	B	A	D	D	B	D	D	D	D	D
21	9	24	D	D	E	E	E	E	E	E	D	D	C	B	B	B	C	D	D	D	E	F	F	F	F	E
21	9	25	E	E	E	E	E	E	E	E	D	D	D	B	C	A	B	B	D	D	E	F	F	F	F	G
21	9	26	G	F	F	E	F	F	E	E	E	D	C	C	B	B	B	D	D	E	E	F	E	E	E	E
21	9	27	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	D	E	F	F	G	G	G

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
			HOURS																							
21	9	28	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D	E	E	F	F	F
21	9	29	E	F	E	E	E	F	F	F	F	D	E	E	D	D	D	D	E	E	D	E	E	E	F	F
21	9	30	F	G	G	G	G	G	G	G	G	E	D	C	D	D	E	D	D	D	E	E	F	F	G	G
21	10	1	F	G	G	G	F	F	G	G	F	E	D	D	D	D	C	D	D	D	E	E	E	F	F	F
21	10	2	F	F	F	F	E	E	F	F	E	D	D	D	D	B	D	E	E	D	D	D	D	D	D	D
21	10	3	D	E	D	D	D	D	D	D	D	B	B	A	A	D	D	D	D	D	E	E	E	E	F	E
21	10	4	D	E	D	E	E	E	E	E	D	D	D	D	D	D	C	D	D	D	E	E	E	E	E	E
21	10	5	E	E	E	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	10	6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	10	7	D	D	D	D	D	D	E	E	E	D	D	D	D	D	E	E	D	D	E	D	D	D	E	E
21	10	8	E	E	E	E	D	D	D	D	D	D	D	D	D	D	A	A	A	A	E	F	E	E	E	E
21	10	9	E	F	F	F	E	E	E	E	D	A	A	A	E	D	D	D	E	D	E	E	E	E	E	E
21	10	10	E	E	E	E	E	E	E	D	D	E	D	D	D	E	D	D	D	E	E	E	E	E	E	E
21	10	11	F	F	E	E	E	E	E	E	E	E	D	D	D	D	D	E	E	E	E	E	E	E	E	E
21	10	12	E	E	E	E	E	E	E	E	D	D	C	D	D	D	B	C	D	D	E	E	E	E	E	D
21	10	13	D	D	D	D	D	D	E	D	D	D	C	D	B	C	C	D	D	E	F	F	F	F	F	E
21	10	14	E	E	E	E	E	E	E	E	E	D	C	C	C	C	D	D	D	E	E	D	D	E	D	E
21	10	15	D	D	D	D	D	C	D	D	D	D	D	D	C	A	D	D	D	D	D	D	D	B	C	C
21	10	16	D	E	D	D	D	D	D	D	D	D	B	D	D	D	D	D	D	D	D	D	D	D	D	D
21	10	17	D	D	D	E	E	E	E	E	D	D	C	A	C	D	A	C	D	D	E	F	F	E	E	F
21	10	18	F	F	F	E	F	F	F	G	D	D	C	A	B	E	D	D	D	E	F	G	G	G	G	G
21	10	19	G	G	G	G	G	F	F	F	E	D	D	C	C	C	D	D	D	E	F	F	F	F	F	F
21	10	20	F	F	F	F	F	G	F	G	E	D	D	C	C	B	C	D	D	E	F	F	F	E	E	E
21	10	21	E	E	E	E	E	E	E	E	E	D	D	A	A	E	E	D	D	D	D	D	D	D	D	D
21	10	22	D	D	D	B	D	D	D	E	E	D	D	B	B	D	D	D	D	D	E	E	E	E	E	E
21	10	23	F	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	E	E	F	F	G	G
21	10	24	G	G	G	G	G	G	G	G	G	G	F	D	D	D	D	D	D	D	D	D	D	D	D	D
21	10	25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	B	A	D	D	D	D
21	10	26	D	D	D	D	D	D	D	D	D	D	D	D	B	A	B	C	D	D	D	D	D	D	D	D
21	10	27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E
21	10	28	E	E	E	F	E	E	D	E	D	D	D	B	B	B	C	D	D	D	D	E	E	D	E	E
21	10	29	E	D	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	10	30	D	D	D	E	E	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	D	E	D
21	10	31	D	D	D	D	D	D	E	E	D	A	A	B	B	D	D	D	D	D	D	E	D	E	E	E
21	11	1	E	E	E	E	E	F	E	E	E	D	D	B	D	A	D	C	D	E	E	E	E	E	E	E
21	11	2	E	E	E	E	E	E	E	E	D	D	D	D	A	C	D	D	D	D	D	E	E	E	E	E
21	11	3	E	E	E	F	E	E	F	F	F	D	B	A	D	D	C	D	D	D	E	E	E	F	E	E
21	11	4	E	E	E	E	F	E	E	F	F	D	E	A	C	D	D	D	D	D	D	E	E	E	F	F
21	11	5	F	F	G	G	G	G	G	G	G	G	D	D	D	D	B	D	D	D	E	E	F	F	F	F
21	11	6	F	F	G	G	G	F	F	F	F	E	E	C	B	A	C	D	D	E	F	F	F	G	G	G
21	11	7	F	F	F	G	G	F	F	E	D	D	C	A	B	B	D	D	E	F	F	F	F	F	G	F
21	11	8	F	F	F	F	F	F	F	F	E	D	D	D	D	D	D	E	E	F	F	F	F	F	F	F
21	11	9	F	F	F	F	F	F	F	F	E	D	E	D	D	E	E	E	E	E	D	D	D	D	D	D
21	11	10	E	E	E	E	F	D	E	G	G	E	E	E	E	E	D	D	E	E	E	E	E	E	E	E
21	11	11	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	E	E	D	D	D	E	E

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES

YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
			HOURS																							
21	11	12	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	11	13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D	D	D
21	11	14	D	D	D	D	D	D	D	D	D	D	D	E	E	E	D	D	D	D	D	D	D	D	D	D
21	11	15	D	E	E	E	E	E	E	D	D	D	C	D	D	D	D	D	D	D	D	D	E	E	E	D
21	11	16	D	D	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	E	E	E	E	E	E	E
21	11	17	E	E	E	E	E	E	E	E	E	E	D	D	D	D	D	E	E	E	E	E	E	D	D	D
21	11	18	E	E	D	D	D	E	D	D	E	D	C	B	B	B	D	D	D	D	D	D	D	D	D	D
21	11	19	D	D	D	D	D	D	D	D	D	C	A	A	A	C	D	D	D	E	E	E	E	E	E	E
21	11	20	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E	F
21	11	21	F	F	F	G	F	F	F	F	E	E	D	D	D	D	D	E	E	E	E	E	E	E	E	E
21	11	22	E	E	E	E	E	E	E	E	D	C	A	A	A	B	B	D	E	E	E	E	E	E	E	E
21	11	23	E	E	E	E	F	F	F	F	E	C	B	A	A	C	D	D	E	E	E	F	F	F	F	E
21	11	24	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	E	E	E	E	E	E	E	E
21	11	25	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	D	D	E	E	D	D	E
21	11	26	E	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D
21	11	27	D	E	E	D	D	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E
21	11	28	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	D	D	D	D	E	E	E
21	11	29	E	E	E	E	E	E	E	E	E	D	D	C	A	B	D	D	E	E	E	D	D	D	D	D
21	11	30	D	D	E	E	E	E	E	E	E	D	B	A	A	B	C	D	D	E	E	E	E	E	E	E
21	12	1	E	E	F	E	F	F	F	F	F	E	D	D	D	D	D	D	E	E	E	E	E	E	D	E
21	12	2	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	E	E	E	E	E	E	E	E	E
21	12	3	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E
21	12	4	F	F	G	F	F	E	E	D	D	D	D	A	A	A	D	D	E	E	E	E	E	E	E	D
21	12	5	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	E	E	E	E	E	E	E	E
21	12	6	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	12	7	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D
21	12	8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	D	D	D	E
21	12	9	E	E	E	F	F	F	F	F	E	D	D	D	D	D	D	D	D	D	E	E	E	E	E	E
21	12	10	E	E	E	E	F	F	F	F	F	E	E	E	E	E	F	F	F	F	F	G	F	E	E	E
21	12	11	E	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	E	D	D	E	E	D	D
21	12	12	D	D	D	D	D	E	E	E	E	D	D	D	D	D	D	D	E	E	E	E	E	E	E	E
21	12	13	E	E	E	E	E	E	E	E	E	D	D	D	D	D	D	D	E	E	F	F	F	F	F	F
21	12	14	G	G	G	G	G	G	F	G	F	E	D	D	C	D	E	E	F	F	F	F	F	F	F	E
21	12	15	E	F	F	E	F	F	E	D	E	E	D	E	E	E	E	E	E	E	E	E	E	E	E	E
21	12	16	E	E	E	E	E	E	E	E	E	D	D	E	E	E	E	D	E	E	E	E	E	D	D	D
21	12	17	D	D	D	D	E	E	E	E	E	D	D	C	C	A	D	D	D	D	E	D	D	D	D	D
21	12	18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	12	19	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	12	20	D	D	D	D	E	E	E	E	D	D	D	C	C	C	D	D	E	E	E	E	E	E	E	E
21	12	21	E	E	E	E	D	D	F	F	F	E	D	D	D	D	D	D	E	E	E	E	E	D	D	D
21	12	22	D	D	D	D	D	D	D	D	D	D	C	A	B	A	C	D	D	D	D	E	E	D	D	E
21	12	23	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E	E
21	12	24	E	E	E	E	E	F	F	F	F	E	E	D	D	E	D	E	E	E	E	E	E	E	E	E
21	12	25	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F	E	E	E	D
21	12	26	D	E	E	E	E	F	F	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET

HOURLY STABILITIES
HOURS

YR	MN	DY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
21	12	27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E	E	E
21	12	28	E	E	E	E	E	E	E	E	E	E	E	D	D	E	D	D	D	D	D	D	D	D	D	D
21	12	29	D	D	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	D	E	E
21	12	30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E
21	12	31	E	E	E	E	E	E	E	E	E	E	A	D	C	E	E	E	E	E	E	F	F	F	G	-

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JANUARY ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	1	0	0	1	1	1	0	0	0	0	0	0	0	1	5	2	12
7.51-12.50	1	0	0	0	1	2	0	0	0	0	0	0	1	7	5	6	23
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	0	1	2	3	0	0	0	0	0	0	1	8	10	8	35

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	3	0	0	1	1	1	6
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	3	0	0	2	1	1	7

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JANUARY ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	1	0	0	2	0	0	1	5	0	9
7.51-12.50	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2	4
12.51-18.50	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	1	4
18.51-24.00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	2	0	1	0	1	0	1	4	0	0	1	5	3	18

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
1.01- 3.50	1	0	0	2	2	3	1	4	2	3	3	2	1	1	1	1	27
3.51- 7.50	4	1	6	11	9	7	7	2	9	13	13	22	8	11	8	6	137
7.51-12.50	16	8	21	12	13	6	1	1	3	22	53	31	6	11	20	5	229
12.51-18.50	8	8	6	15	1	0	0	0	0	3	32	5	8	4	8	11	109
18.51-24.00	0	4	3	1	0	0	0	0	0	0	4	1	0	0	0	0	13
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	29	21	36	41	25	16	9	7	14	41	105	61	23	27	37	23	519

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JANUARY ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	0	0	0	1	2	1	3	2	2	5	1	1	0	0	0	1	19
3.51- 7.50	0	0	0	0	3	3	7	6	12	7	4	4	4	3	1	2	56
7.51-12.50	0	0	2	0	0	0	4	0	3	13	4	7	1	1	3	2	40
12.51-18.50	0	0	0	0	0	0	0	0	0	3	5	2	1	0	0	0	11
18.51-24.00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	2	1	5	4	14	8	17	28	15	14	6	4	4	5	129

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	0	0	0	0	0	0	2	3	6	4	4	0	0	0	0	0	19
3.51- 7.50	0	0	0	0	2	4	1	0	1	0	5	0	0	0	0	0	13
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	2	4	3	3	7	4	9	0	0	0	0	0	34

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JANUARY ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	8
1.01- 3.50	1	0	0	3	4	4	6	9	11	13	8	3	1	2	1	2	68
3.51- 7.50	5	1	6	12	15	15	15	9	22	20	24	26	12	16	19	10	227
7.51-12.50	17	8	23	12	14	9	5	1	6	35	61	38	8	20	29	16	302
12.51-18.50	8	8	6	16	1	0	0	0	0	7	38	7	9	4	8	12	124
18.51-24.00	0	4	3	2	0	0	0	0	0	0	5	1	0	0	0	0	15
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	31	21	38	45	34	28	26	19	39	75	136	75	30	42	57	40	744

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JANUARY ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 744
TOTAL NUMBER OF VALID OBSERVATIONS: 744
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 8.8 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
4.70	.94	2.42	69.76	17.34	4.57	.27

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	2	0	0	1	2	3	0	0	0	0	0	0	1	8	10	8	0
B	0	0	0	0	0	0	0	0	0	0	3	0	0	2	1	1	0
C	0	0	0	2	0	1	0	1	0	1	4	0	0	1	5	3	0
D	29	21	36	41	25	16	9	7	14	41	105	61	23	27	37	23	4
E	0	0	2	1	5	4	14	8	17	28	15	14	6	4	4	5	2
F	0	0	0	0	2	4	3	3	7	4	9	0	0	0	0	0	2
G	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
TOTAL	31	21	38	45	34	28	26	19	39	75	136	75	30	42	57	40	8

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FEBRUARY ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
3.51- 7.50	0	0	0	0	1	0	0	0	0	0	0	0	2	1	0	0	4
7.51-12.50	0	0	0	0	0	0	0	0	0	1	6	7	2	6	0	0	22
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
TOTAL	0	0	0	0	1	0	0	0	0	1	7	7	5	8	2	0	31

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
7.51-12.50	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	4
12.51-18.50	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	4
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	1	4	1	2	0	0	1	9

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FEBRUARY ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0	1	5
7.51-12.50	0	0	0	0	0	0	1	0	0	0	4	4	1	0	0	0	10
12.51-18.50	0	0	0	0	0	0	0	0	0	0	4	0	0	1	0	0	5
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	2	1	1	0	0	0	9	4	1	1	0	1	20

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	1	0	2	2	0	1	1	0	0	0	0	1	0	0	0	0	8
3.51- 7.50	8	3	8	5	4	2	1	3	6	6	6	5	2	1	2	10	72
7.51-12.50	13	21	13	8	0	3	5	5	4	2	23	14	1	2	5	12	131
12.51-18.50	17	41	3	0	0	0	0	0	2	4	16	6	1	3	9	10	112
18.51-24.00	3	7	0	0	0	0	0	0	0	0	6	3	0	0	0	3	22
>24.00	1	2	0	0	0	0	0	0	0	0	12	0	0	0	0	0	15
TOTAL	43	74	26	15	4	6	7	8	12	12	63	29	4	6	16	35	361

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FEBRUARY ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	1	1	1	0	0	0	0	2	1	1	0	1	0	0	0	0	8
3.51- 7.50	4	2	2	1	4	1	1	5	5	11	9	6	9	5	0	2	67
7.51-12.50	2	2	4	0	1	1	6	4	6	11	14	6	6	6	8	1	78
12.51-18.50	0	0	0	0	0	0	0	1	2	5	9	3	1	1	3	0	25
18.51-24.00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	5	7	1	5	2	7	12	14	28	33	16	16	12	11	3	179

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	1	0	0	1	1	3	0	1	1	0	0	0	8
3.51- 7.50	0	0	0	1	4	5	0	3	3	4	8	0	0	0	0	0	28
7.51-12.50	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	4
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	0	2	6	5	0	4	4	7	8	1	1	1	0	0	40

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FEBRUARY ***

STABILITY CLASS G

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	1	2	3	1	2	1	0	0	0	0	10
3.51- 7.50	0	0	0	1	1	0	0	3	7	7	2	0	0	0	0	0	21
7.51-12.50	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	1	0	1	5	10	8	5	1	0	0	0	0	32

STABILITY CLASS ALL

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	2	1	3	2	1	1	2	5	5	5	2	4	1	1	0	0	35
3.51- 7.50	12	5	10	8	16	9	2	14	21	28	26	11	13	7	2	14	198
7.51-12.50	15	24	17	9	2	4	12	9	10	15	49	32	11	15	13	13	250
12.51-18.50	17	41	3	0	0	0	0	1	4	9	32	9	4	5	14	10	149
18.51-24.00	3	7	0	0	0	0	0	0	0	0	7	3	0	0	0	3	23
>24.00	1	2	0	0	0	0	0	0	0	0	13	0	0	0	0	0	16
TOTAL	50	80	33	19	19	14	16	29	40	57	129	59	29	28	29	40	672

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FEBRUARY ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 672
TOTAL NUMBER OF VALID OBSERVATIONS: 672
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 10.0 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
4.61	1.34	2.98	53.72	26.64	5.95	4.76

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	0	0	1	0	0	0	0	1	7	7	5	8	2	0	0
B	0	0	0	0	0	0	0	0	0	1	4	1	2	0	0	1	0
C	0	0	0	0	2	1	1	0	0	0	9	4	1	1	0	1	0
D	43	74	26	15	4	6	7	8	12	12	63	29	4	6	16	35	1
E	7	5	7	1	5	2	7	12	14	28	33	16	16	12	11	3	0
F	0	1	0	2	6	5	0	4	4	7	8	1	1	1	0	0	0
G	0	0	0	1	1	0	1	5	10	8	5	1	0	0	0	0	0
TOTAL	50	80	33	19	19	14	16	29	40	57	129	59	29	28	29	40	1

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MARCH ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7.51-12.50	0	0	0	0	2	0	0	0	0	2	7	2	6	9	5	0	33
12.51-18.50	0	0	2	2	0	0	0	0	0	0	0	0	5	3	1	0	13
18.51-24.00	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	2	3	3	0	0	0	0	2	7	2	12	12	6	0	49

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	3
7.51-12.50	0	0	0	0	0	0	0	0	1	2	1	0	1	2	1	0	8
12.51-18.50	0	2	1	1	1	0	0	0	0	5	0	2	1	1	1	0	15
18.51-24.00	0	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	4
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	4	1	2	3	0	0	0	1	8	1	3	2	3	2	0	30

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MARCH ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	2	1	1	1	0	0	1	1	1	0	0	0	0	8
7.51-12.50	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	3
12.51-18.50	0	0	3	0	0	0	0	0	0	5	2	0	0	2	0	0	12
18.51-24.00	0	4	0	0	0	0	0	0	0	1	0	0	1	0	0	0	6
>24.00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TOTAL	0	6	3	2	2	1	1	0	0	7	3	1	2	2	1	0	31

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	1	0	0	1	2	0	1	0	0	0	0	0	0	0	0	5
3.51- 7.50	2	2	8	13	14	1	2	3	2	0	4	3	0	0	0	1	55
7.51-12.50	7	4	8	21	13	0	0	2	12	3	3	3	6	4	8	9	103
12.51-18.50	8	1	9	9	2	0	0	0	3	14	8	3	14	9	10	12	102
18.51-24.00	0	9	2	1	1	0	0	0	1	6	4	1	5	1	1	0	32
>24.00	0	9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	10
TOTAL	17	26	27	44	31	3	2	6	18	23	20	10	25	14	19	22	307

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MARCH ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	1	0	0	3	1	1	0	1	1	0	0	0	8
3.51- 7.50	1	5	2	7	5	7	5	10	9	5	1	4	4	5	1	4	75
7.51-12.50	1	3	2	8	8	1	0	3	17	17	16	7	3	13	5	0	104
12.51-18.50	0	1	1	1	0	0	0	0	5	8	4	1	2	3	6	0	32
18.51-24.00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	9	5	16	14	8	5	16	32	31	23	13	10	21	12	4	221

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	0	0	1	0	1	2	1	0	0	4	2	0	0	0	0	0	11
3.51- 7.50	0	0	0	1	4	9	3	8	4	2	5	5	1	0	0	0	42
7.51-12.50	0	0	0	5	5	0	0	0	0	0	0	1	0	0	1	1	13
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1	6	10	11	4	8	4	6	7	6	1	0	1	1	67

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MARCH ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	1	0	0	2	1	2	3	3	0	0	2	0	0	0	0	0	14
3.51- 7.50	0	0	0	0	3	8	1	5	0	1	1	1	1	1	0	0	22
7.51-12.50	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	2	4	11	4	8	0	1	3	1	1	1	0	1	38

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	1	1	1	2	4	6	4	7	1	5	4	1	1	0	0	0	38
3.51- 7.50	3	7	10	24	29	26	12	26	15	10	12	14	6	6	1	5	206
7.51-12.50	8	7	10	34	29	2	0	5	30	24	27	13	17	28	21	11	266
12.51-18.50	8	4	16	13	3	0	0	0	8	32	14	6	22	18	18	12	174
18.51-24.00	0	15	2	2	2	0	0	0	1	7	6	2	7	1	1	0	46
>24.00	0	11	0	0	0	0	0	0	0	0	1	0	0	0	0	0	12
TOTAL	20	45	39	75	67	34	16	38	55	78	64	36	53	53	41	28	743

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MARCH ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 744
TOTAL NUMBER OF VALID OBSERVATIONS: 743
TOTAL NUMBER OF MISSING OBSERVATIONS: 1
PERCENT DATA RECOVERY FOR THIS PERIOD: 99.9 %
MEAN WIND SPEED FOR THIS PERIOD: 10.5 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
6.59	4.04	4.17	41.32	29.74	9.02	5.11

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	2	3	3	0	0	0	0	2	7	2	12	12	6	0	0
B	0	4	1	2	3	0	0	0	1	8	1	3	2	3	2	0	0
C	0	6	3	2	2	1	1	0	0	7	3	1	2	2	1	0	0
D	17	26	27	44	31	3	2	6	18	23	20	10	25	14	19	22	0
E	2	9	5	16	14	8	5	16	32	31	23	13	10	21	12	4	0
F	0	0	1	6	10	11	4	8	4	6	7	6	1	0	1	1	1
G	1	0	0	2	4	11	4	8	0	1	3	1	1	1	0	1	0
TOTAL	20	45	39	75	67	34	16	38	55	78	64	36	53	53	41	28	1

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** APRIL ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	0	5
7.51-12.50	0	0	2	3	2	0	0	0	1	0	2	1	1	1	4	0	17
12.51-18.50	0	0	0	5	0	0	0	0	0	3	3	3	2	3	7	0	26
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	2	8	2	0	0	0	1	3	5	4	6	4	16	0	51

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	1	0	0	0	0	1	0	0	0	2	0	0	4
7.51-12.50	0	0	0	0	0	0	0	0	1	4	4	0	0	3	3	0	15
12.51-18.50	0	0	0	0	0	0	0	0	0	1	4	4	0	0	3	0	12
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	1	0	0	0	1	6	8	4	0	5	6	0	31

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** APRIL ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	1	2	0	0	0	1	0	1	1	0	0	1	0	7
7.51-12.50	0	0	0	0	2	0	0	0	1	0	4	5	1	0	5	5	23
12.51-18.50	0	0	0	0	0	0	0	0	0	2	4	2	0	1	5	2	16
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	4	0	0	0	2	2	9	8	1	1	11	7	46

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	1	0	1	0	0	0	2	0	1	2	0	0	0	0	1	0	8
3.51- 7.50	2	4	7	4	7	3	5	11	7	9	3	6	5	4	1	4	82
7.51-12.50	6	0	3	7	11	2	4	7	12	6	16	14	13	10	4	10	125
12.51-18.50	4	3	0	2	0	0	0	1	5	4	15	4	10	12	11	15	86
18.51-24.00	0	0	0	0	0	0	0	0	1	0	3	0	0	1	1	0	6
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	13	7	11	13	18	5	11	19	26	21	37	24	28	27	18	29	307

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** APRIL ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	0	0	0	0	1	0	1	4	3	5	1	3	0	1	1	0	20
3.51- 7.50	1	2	2	2	4	6	9	12	8	10	3	9	3	0	0	0	71
7.51-12.50	0	0	0	4	3	1	1	2	7	10	8	6	1	0	5	0	48
12.51-18.50	1	0	0	0	0	0	0	0	1	0	1	0	0	0	4	5	12
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	2	2	6	8	7	11	18	19	25	13	18	4	1	10	5	152

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	1	0	0	2	1	3	4	4	0	2	0	0	0	0	17
3.51- 7.50	0	0	0	1	4	4	2	3	22	21	4	7	2	0	0	0	70
7.51-12.50	0	0	0	1	3	1	0	0	1	0	1	0	0	1	0	0	8
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1	2	7	7	3	6	27	25	5	9	2	1	0	0	95

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** APRIL ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	1	0	3	4	1	1	0	0	1	2	0	0	0	0	13
3.51- 7.50	0	0	0	0	7	4	0	0	5	1	1	1	0	0	0	0	19
7.51-12.50	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1	2	12	8	1	1	5	1	2	3	0	0	0	0	36

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	1	0	3	0	4	6	5	8	8	11	2	7	0	1	2	0	58
3.51- 7.50	3	6	9	8	25	17	16	26	43	42	12	24	13	6	4	4	258
7.51-12.50	6	0	5	17	23	4	5	9	23	20	35	26	16	15	21	15	240
12.51-18.50	5	3	0	7	0	0	0	1	6	10	27	13	12	16	30	22	152
18.51-24.00	0	0	0	0	0	0	0	0	1	0	3	0	0	1	4	0	9
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	15	9	17	32	52	27	26	44	81	83	79	70	41	39	61	41	718

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** APRIL ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 720
TOTAL NUMBER OF VALID OBSERVATIONS: 718
TOTAL NUMBER OF MISSING OBSERVATIONS: 2
PERCENT DATA RECOVERY FOR THIS PERIOD: 99.7 %
MEAN WIND SPEED FOR THIS PERIOD: 8.8 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
7.10	4.32	6.41	42.76	21.17	13.23	5.01

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	2	8	2	0	0	0	1	3	5	4	6	4	16	0	0
B	0	0	0	0	1	0	0	0	1	6	8	4	0	5	6	0	0
C	0	0	0	1	4	0	0	0	2	2	9	8	1	1	11	7	0
D	13	7	11	13	18	5	11	19	26	21	37	24	28	27	18	29	0
E	2	2	2	6	8	7	11	18	19	25	13	18	4	1	10	5	1
F	0	0	1	2	7	7	3	6	27	25	5	9	2	1	0	0	0
G	0	0	1	2	12	8	1	1	5	1	2	3	0	0	0	0	0
TOTAL	15	9	17	32	52	27	26	44	81	83	79	70	41	39	61	41	1

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MAY ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	5
7.51-12.50	0	0	0	5	0	0	0	0	0	1	5	2	2	6	7	0	28
12.51-18.50	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2	0	4
18.51-24.00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	8	0	0	0	0	0	2	6	2	2	7	11	1	39

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	1	0	1	2	0	0	0	0	0	0	3	0	0	4	0	2	13
7.51-12.50	0	0	1	2	0	0	0	0	0	0	1	0	0	1	1	0	6
12.51-18.50	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	3
18.51-24.00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	4	4	0	0	0	0	0	1	4	0	0	5	1	3	23

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MAY ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	2	3	2	5	4	3	0	3	1	0	0	0	0	1	24
7.51-12.50	0	1	1	3	1	0	0	0	0	3	3	1	1	0	5	0	19
12.51-18.50	0	0	0	2	0	0	0	0	0	0	3	0	0	0	0	0	5
18.51-24.00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	3	8	3	5	4	3	0	6	9	1	1	0	5	1	50

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	3	0	1	0	1	0	2	2	3	0	1	2	0	0	1	1	17
3.51- 7.50	11	2	16	13	12	9	8	7	9	7	4	1	2	1	2	7	111
7.51-12.50	8	7	14	11	8	0	2	0	1	2	6	4	1	4	7	10	85
12.51-18.50	0	8	8	10	1	1	0	0	0	3	10	2	0	1	5	1	50
18.51-24.00	0	5	12	0	0	0	0	0	0	0	1	0	0	0	0	1	19
>24.00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
TOTAL	22	25	52	34	22	10	12	9	13	12	22	9	3	6	15	20	286

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MAY ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	3
1.01- 3.50	0	0	2	1	0	1	8	5	6	2	0	1	1	2	0	0	29
3.51- 7.50	3	4	5	11	17	12	9	3	8	15	10	8	5	2	2	1	115
7.51-12.50	0	0	0	2	5	0	0	0	0	6	5	2	3	2	12	2	39
12.51-18.50	0	1	1	1	0	0	0	0	0	4	9	0	0	1	5	4	26
18.51-24.00	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	4
>24.00	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
TOTAL	3	5	12	18	22	13	17	8	14	27	24	11	9	7	19	8	220

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	3
1.01- 3.50	0	0	0	0	1	2	3	12	13	6	0	0	3	0	0	0	40
3.51- 7.50	0	0	0	1	4	2	1	0	3	10	6	5	5	0	0	0	37
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	5	4	4	12	16	16	6	5	8	0	0	0	80

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MAY ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
1.01- 3.50	0	0	0	1	0	0	4	6	3	9	1	2	0	0	0	0	26
3.51- 7.50	0	0	0	0	0	1	0	1	3	9	0	0	0	2	0	0	16
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	0	1	4	7	6	18	1	2	0	2	0	0	46

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	10
1.01- 3.50	3	0	3	2	2	3	17	25	25	17	2	5	4	2	1	1	112
3.51- 7.50	15	6	24	30	35	29	22	14	23	44	25	14	12	10	6	12	321
7.51-12.50	8	8	16	23	14	0	2	0	1	12	20	9	7	13	32	12	177
12.51-18.50	0	9	10	14	1	1	0	0	0	9	22	2	0	2	12	6	88
18.51-24.00	0	5	13	5	0	0	0	0	0	0	3	0	0	0	0	2	28
>24.00	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	8
TOTAL	26	31	71	74	52	33	41	39	49	82	72	30	23	27	51	33	744

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** MAY ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 744
TOTAL NUMBER OF VALID OBSERVATIONS: 744
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 7.9 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
5.24	3.09	6.72	38.44	29.57	10.75	6.18

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	0	8	0	0	0	0	0	2	6	2	2	7	11	1	0
B	1	0	4	4	0	0	0	0	0	1	4	0	0	5	1	3	0
C	0	1	3	8	3	5	4	3	0	6	9	1	1	0	5	1	0
D	22	25	52	34	22	10	12	9	13	12	22	9	3	6	15	20	0
E	3	5	12	18	22	13	17	8	14	27	24	11	9	7	19	8	3
F	0	0	0	1	5	4	4	12	16	16	6	5	8	0	0	0	3
G	0	0	0	1	0	1	4	7	6	18	1	2	0	2	0	0	4
TOTAL	26	31	71	74	52	33	41	39	49	82	72	30	23	27	51	33	10

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JUNE ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
3.51- 7.50	0	1	1	2	2	0	0	2	0	4	2	0	0	0	0	2	16
7.51-12.50	0	0	1	0	1	1	0	0	0	2	5	0	0	1	2	1	14
12.51-18.50	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	4
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	2	2	3	1	0	2	2	7	9	0	2	1	2	3	37

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
3.51- 7.50	0	0	0	1	0	1	0	1	0	3	2	1	1	0	0	0	10
7.51-12.50	0	0	2	0	0	0	0	0	0	1	13	0	0	0	1	4	21
12.51-18.50	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	2	1	0	1	0	1	0	4	16	2	1	1	1	4	34

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JUNE ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	2	0	1	4	2	0	2	0	0	5	5	0	1	1	0	1	24
7.51-12.50	0	0	1	3	2	0	0	0	1	2	6	2	0	0	1	5	23
12.51-18.50	0	0	0	0	0	0	0	0	0	1	4	0	0	1	0	2	8
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	2	7	4	0	2	0	1	8	15	2	1	2	1	8	55

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	2	0	2	1	2	1	1	4	0	2	0	1	0	0	0	16
3.51- 7.50	10	7	12	13	13	12	3	2	5	21	10	3	2	0	1	5	119
7.51-12.50	11	5	8	3	2	0	0	3	11	22	19	4	0	1	5	14	108
12.51-18.50	1	2	4	0	0	0	0	1	1	6	8	2	1	1	1	3	31
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	22	16	24	18	16	14	4	7	21	49	39	9	4	2	7	23	275

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JUNE ***

STABILITY CLASS E

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	3
1.01- 3.50	0	0	0	1	5	7	2	6	11	4	1	0	1	1	1	0	40
3.51- 7.50	1	3	1	7	12	8	6	9	34	45	14	4	0	0	4	0	148
7.51-12.50	0	0	0	0	1	0	1	0	14	18	12	1	1	2	2	0	52
12.51-18.50	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	3	1	8	18	15	9	15	59	67	27	6	2	3	7	0	245

STABILITY CLASS F

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	2	1	0	13	9	5	1	0	0	1	0	0	32
3.51- 7.50	1	0	0	0	1	1	0	2	10	18	4	1	0	0	0	0	38
7.51-12.50	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	3	2	0	15	19	25	5	1	0	1	0	0	72

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JUNE ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	3
1.01- 3.50	0	2	0	3	8	10	3	20	25	9	4	1	2	2	1	0	90
3.51- 7.50	14	11	15	27	30	22	11	16	49	98	37	9	4	1	5	8	357
7.51-12.50	11	5	12	6	6	1	1	3	26	47	55	7	1	4	11	24	220
12.51-18.50	2	2	4	0	0	0	0	1	2	8	15	3	1	3	1	5	47
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	27	20	31	36	44	33	15	40	102	162	111	20	10	10	18	38	720

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JUNE ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 720
TOTAL NUMBER OF VALID OBSERVATIONS: 720
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 7.0 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
5.14	4.72	7.64	38.19	34.03	10.00	.28

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	1	2	2	3	1	0	2	2	7	9	0	2	1	2	3	0
B	0	0	2	1	0	1	0	1	0	4	16	2	1	1	1	4	0
C	2	0	2	7	4	0	2	0	1	8	15	2	1	2	1	8	0
D	22	16	24	18	16	14	4	7	21	49	39	9	4	2	7	23	0
E	2	3	1	8	18	15	9	15	59	67	27	6	2	3	7	0	3
F	1	0	0	0	3	2	0	15	19	25	5	1	0	1	0	0	0
G	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
TOTAL	27	20	31	36	44	33	15	40	102	162	111	20	10	10	18	38	3

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JULY ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	4
3.51- 7.50	0	1	1	0	0	0	0	0	0	2	1	0	6	14	11	2	38
7.51-12.50	0	3	0	3	0	0	0	0	0	3	4	1	0	5	3	1	23
12.51-18.50	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	5	1	3	0	0	0	0	0	5	6	2	8	19	14	3	66

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
3.51- 7.50	0	0	0	0	1	1	0	0	0	2	2	1	1	3	1	3	15
7.51-12.50	0	1	0	3	0	0	0	0	0	2	9	3	0	1	2	2	23
12.51-18.50	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	2	0	3	1	1	1	0	0	4	12	4	1	4	3	5	41

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JULY ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3.51- 7.50	0	0	0	2	2	0	0	0	0	0	0	0	2	0	3	2	11
7.51-12.50	0	0	0	1	0	0	0	0	0	1	13	2	0	0	1	1	19
12.51-18.50	1	0	0	0	0	0	0	0	0	3	2	0	1	0	0	0	7
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	4	2	0	0	0	0	4	15	2	3	0	4	3	38

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	1	0	1	0	4	2	4	6	3	4	0	1	0	1	1	0	28
3.51- 7.50	18	6	3	7	16	4	1	1	12	8	5	6	4	3	4	7	105
7.51-12.50	19	15	6	12	2	0	0	0	2	6	25	8	1	0	2	14	112
12.51-18.50	6	12	0	5	1	0	0	0	0	0	5	1	0	0	0	11	41
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	44	33	10	24	23	6	5	7	17	18	35	16	5	4	7	32	286

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JULY ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	5
1.01- 3.50	1	0	1	1	7	2	4	9	14	4	4	6	3	0	0	0	56
3.51- 7.50	1	3	1	8	6	7	1	9	19	33	19	13	3	11	1	0	135
7.51-12.50	0	0	2	3	1	0	0	0	3	3	16	4	1	0	1	0	34
12.51-18.50	0	2	0	5	0	0	0	0	0	0	1	0	0	0	0	0	8
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	5	4	17	14	9	5	18	36	40	40	23	7	11	2	0	238

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	0	0	0	0	0	0	1	10	7	3	5	2	2	1	1	0	32
3.51- 7.50	0	0	0	0	1	0	0	0	2	4	6	6	4	0	1	0	24
7.51-12.50	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	3	0	1	10	9	7	11	8	6	1	2	0	60

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JULY ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	1	5	2	1	0	0	0	0	9
3.51- 7.50	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	6
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	1	10	2	2	0	0	0	0	15

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	7
1.01- 3.50	2	0	2	2	11	4	10	25	25	16	12	11	7	2	2	0	131
3.51- 7.50	19	10	5	17	26	12	2	10	33	54	33	27	20	31	21	14	334
7.51-12.50	19	19	8	22	5	0	0	0	5	15	67	18	2	6	9	18	213
12.51-18.50	7	16	0	10	1	0	0	0	0	3	9	1	1	0	0	11	59
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	47	45	15	51	43	16	12	35	63	88	121	57	30	39	32	43	744

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** JULY ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 744
TOTAL NUMBER OF VALID OBSERVATIONS: 744
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 6.8 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
8.87	5.51	5.11	38.44	31.99	8.06	2.02

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	5	1	3	0	0	0	0	0	5	6	2	8	19	14	3	0
B	0	2	0	3	1	1	1	0	0	4	12	4	1	4	3	5	0
C	1	0	0	4	2	0	0	0	0	4	15	2	3	0	4	3	0
D	44	33	10	24	23	6	5	7	17	18	35	16	5	4	7	32	0
E	2	5	4	17	14	9	5	18	36	40	40	23	7	11	2	0	5
F	0	0	0	0	3	0	1	10	9	7	11	8	6	1	2	0	2
G	0	0	0	0	0	0	0	0	1	10	2	2	0	0	0	0	0
TOTAL	47	45	15	51	43	16	12	35	63	88	121	57	30	39	32	43	7

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** AUGUST ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	1	0	0	0	3	1	0	0	0	0	0	0	0	1	0	0	6
3.51- 7.50	1	1	0	1	1	0	0	2	3	1	1	1	1	0	2	2	17
7.51-12.50	0	3	0	0	0	0	0	0	1	1	1	0	2	4	9	0	21
12.51-18.50	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	4	0	1	4	1	0	2	4	2	3	1	3	5	12	2	46

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
3.51- 7.50	0	0	0	0	10	1	0	0	1	1	8	1	0	0	1	1	24
7.51-12.50	0	0	0	2	0	0	0	0	0	4	8	0	1	0	1	1	17
12.51-18.50	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	2	10	1	0	0	1	5	18	2	1	0	2	2	44

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** AUGUST ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	1	0	0	1	0	0	0	2	0	0	0	0	4
3.51- 7.50	0	0	0	5	2	2	0	1	0	4	7	1	0	0	1	5	28
7.51-12.50	0	1	2	4	0	0	0	0	0	3	10	0	0	0	0	1	21
12.51-18.50	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	2	9	3	2	0	2	1	7	18	3	0	0	1	6	55

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	2	2	1	1	5	3	3	1	1	0	2	1	0	1	0	0	23
3.51- 7.50	6	5	12	9	13	7	0	6	9	20	12	3	3	0	1	2	108
7.51-12.50	6	14	15	6	0	0	0	1	9	7	13	3	0	1	1	9	85
12.51-18.50	3	2	3	0	0	0	0	0	0	0	8	0	0	0	1	2	19
18.51-24.00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	17	23	31	16	18	10	3	8	19	27	36	7	3	2	3	14	239

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** AUGUST ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	10
1.01- 3.50	0	0	1	2	4	6	5	8	4	9	3	3	1	0	1	1	48
3.51- 7.50	1	3	2	9	11	5	2	3	27	38	9	4	2	2	0	1	119
7.51-12.50	0	0	1	9	0	0	0	0	3	8	8	1	0	0	1	2	33
12.51-18.50	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	1	4
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	3	4	20	15	11	7	11	34	55	22	8	4	2	2	5	214

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
1.01- 3.50	0	0	0	0	0	0	7	15	24	10	12	4	2	0	0	0	74
3.51- 7.50	0	0	0	0	0	0	0	3	10	14	4	6	4	0	1	0	42
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	7	18	34	24	16	10	6	0	2	0	121

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** AUGUST ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	0	0	0	0	0	0	0	3	6	6	2	4	1	0	0	0	22
3.51- 7.50	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	3	6	8	2	4	1	0	0	0	25

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	17
1.01- 3.50	3	2	2	3	13	10	15	28	35	25	20	15	4	2	1	1	179
3.51- 7.50	8	9	14	24	37	15	2	15	50	80	41	16	10	2	6	11	340
7.51-12.50	6	18	18	21	0	0	0	1	13	23	40	4	3	5	13	13	178
12.51-18.50	3	2	3	0	0	0	0	0	1	0	13	0	1	0	2	3	28
18.51-24.00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	20	31	37	48	50	25	17	44	99	128	115	35	18	9	22	29	744

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** AUGUST ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 744
TOTAL NUMBER OF VALID OBSERVATIONS: 744
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 5.9 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
6.18	5.91	7.39	32.12	28.76	16.26	3.36

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	2	4	0	1	4	1	0	2	4	2	3	1	3	5	12	2	0
B	0	0	0	2	10	1	0	0	1	5	18	2	1	0	2	2	0
C	0	1	2	9	3	2	0	2	1	7	18	3	0	0	1	6	0
D	17	23	31	16	18	10	3	8	19	27	36	7	3	2	3	14	2
E	1	3	4	20	15	11	7	11	34	55	22	8	4	2	2	5	10
F	0	0	0	0	0	0	7	18	34	24	16	10	6	0	2	0	4
G	0	0	0	0	0	0	0	3	6	8	2	4	1	0	0	0	1
TOTAL	20	31	37	48	50	25	17	44	99	128	115	35	18	9	22	29	17

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SEPTEMBR ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	1	0	0	0	0	1	0	4	3	1	10
7.51-12.50	0	0	0	3	0	0	0	0	0	2	1	2	1	3	4	1	17
12.51-18.50	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	4
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	3	0	0	1	0	0	2	2	4	1	8	8	2	31

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	5
7.51-12.50	0	0	0	6	0	0	0	0	0	1	1	4	1	1	6	0	20
12.51-18.50	0	0	1	0	0	0	0	0	0	3	5	4	0	0	0	0	13
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1	6	0	0	0	1	0	5	7	8	2	2	6	0	38

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SEPTEMBR ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	4	1	0	0	0	0	1	1	0	0	0	2	0	9
7.51-12.50	0	0	0	4	0	0	0	0	0	3	0	3	0	1	1	0	12
12.51-18.50	0	0	1	0	0	0	0	0	0	3	5	2	0	0	0	0	11
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TOTAL	2	0	1	8	1	0	0	0	0	7	6	5	0	1	3	0	34

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	1	0	0	2	2	5	1	0	0	1	0	1	0	0	0	1	14
3.51- 7.50	7	11	12	6	12	3	0	3	15	6	3	13	4	2	2	0	99
7.51-12.50	4	14	13	5	2	0	0	0	7	10	12	10	4	2	3	3	89
12.51-18.50	0	23	6	0	0	0	0	0	2	5	15	8	2	1	0	1	63
18.51-24.00	9	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	13
>24.00	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8
TOTAL	27	50	31	13	16	8	1	3	24	22	30	32	11	5	5	8	287

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SEPTEMBR ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	0	0	0	0	3	1	10	9	0	2	3	0	0	1	0	1	30
3.51- 7.50	1	0	7	8	10	5	6	13	19	20	3	9	3	2	1	1	108
7.51-12.50	0	0	4	3	2	0	0	0	5	32	11	7	0	0	5	2	71
12.51-18.50	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	7
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	11	11	15	6	16	22	24	54	24	16	3	3	6	4	217

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
1.01- 3.50	0	0	0	1	1	1	2	4	11	7	5	4	3	0	0	0	39
3.51- 7.50	0	0	0	0	0	0	0	3	7	10	2	3	3	2	0	0	30
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	1	1	2	7	18	17	7	7	6	2	0	0	73

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SEPTEMBR ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	0	0	0	0	0	0	0	2	4	7	7	2	0	1	0	0	23
3.51- 7.50	0	0	0	0	0	0	0	0	5	7	0	1	2	0	0	0	15
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	2	9	14	7	3	2	1	0	0	40

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	8
1.01- 3.50	1	0	0	3	6	7	13	15	15	17	15	7	3	2	0	2	106
3.51- 7.50	8	11	19	18	23	8	7	20	46	45	10	27	13	11	8	2	276
7.51-12.50	4	14	17	21	4	0	0	0	12	48	25	26	6	7	19	6	209
12.51-18.50	0	23	8	0	0	0	0	0	2	11	33	15	2	2	1	1	98
18.51-24.00	9	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	13
>24.00	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10
TOTAL	30	50	44	42	33	15	20	35	75	121	83	75	25	22	28	14	720

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SEPTEMBR ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 720
TOTAL NUMBER OF VALID OBSERVATIONS: 720
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 8.1 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
4.31	5.28	4.72	39.86	30.14	10.14	5.56

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	0	3	0	0	1	0	0	2	2	4	1	8	8	2	0
B	0	0	1	6	0	0	0	1	0	5	7	8	2	2	6	0	0
C	2	0	1	8	1	0	0	0	0	7	6	5	0	1	3	0	0
D	27	50	31	13	16	8	1	3	24	22	30	32	11	5	5	8	1
E	1	0	11	11	15	6	16	22	24	54	24	16	3	3	6	4	1
F	0	0	0	1	1	1	2	7	18	17	7	7	6	2	0	0	4
G	0	0	0	0	0	0	0	2	9	14	7	3	2	1	0	0	2
TOTAL	30	50	44	42	33	15	20	35	75	121	83	75	25	22	28	14	8

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** OCTOBER ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	2	3	0	0	0	0	2	2	0	1	0	0	0	10
7.51-12.50	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	6
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
18.51-24.00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	2	3	0	0	0	0	2	4	3	2	1	1	0	19

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	3
7.51-12.50	1	0	0	0	2	0	0	0	0	3	1	1	0	1	2	0	11
12.51-18.50	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	0	5
18.51-24.00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	0	0	3	0	0	0	0	4	3	2	1	1	4	0	20

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** OCTOBER ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	1	0	0	1	0	0	0	0	0	1	0	2	0	1	0	6
7.51-12.50	0	0	0	1	0	0	0	0	0	3	9	1	0	2	1	0	17
12.51-18.50	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	4
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	0	2	1	0	0	0	0	3	11	2	2	3	2	0	27

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	2	1	0	1	1	5	2	6	0	1	1	0	1	1	0	1	23
3.51- 7.50	3	5	2	18	18	10	2	4	13	11	13	7	8	5	4	3	126
7.51-12.50	5	3	13	39	9	2	0	3	9	5	19	26	10	6	4	7	160
12.51-18.50	1	12	7	4	0	0	0	0	0	0	2	7	6	5	3	12	59
18.51-24.00	6	5	1	0	0	0	0	0	0	0	0	1	0	1	0	4	18
>24.00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
TOTAL	17	27	23	62	28	17	4	13	22	17	35	41	25	18	11	28	390

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** OCTOBER ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	2	1	7	2	3	5	3	6	3	1	2	0	0	0	35
3.51- 7.50	0	1	3	4	8	13	7	22	30	26	6	6	2	2	0	0	130
7.51-12.50	1	0	0	3	1	0	3	2	4	0	3	11	0	0	0	3	31
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	1	5	8	16	15	13	29	37	32	12	19	5	4	0	3	200

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	1	0	2	1	5	4	5	2	0	0	0	0	0	20
3.51- 7.50	0	0	0	0	0	2	0	1	11	12	4	3	4	0	0	0	37
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	0	4	1	6	15	17	6	3	4	1	0	0	58

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** OCTOBER ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	3	7	7	0	1	0	0	0	0	18
3.51- 7.50	0	0	0	0	0	0	0	0	1	8	3	0	0	0	0	0	12
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	3	8	15	3	1	0	0	0	0	30

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	2	1	2	3	8	9	6	19	14	19	6	2	3	1	0	1	96
3.51- 7.50	3	7	5	24	30	25	9	27	55	60	30	16	17	7	6	3	324
7.51-12.50	7	3	13	43	12	2	3	5	13	11	34	42	11	10	7	10	226
12.51-18.50	1	12	7	5	1	0	0	0	0	0	4	9	8	9	5	12	73
18.51-24.00	8	5	1	0	0	0	0	0	0	0	0	2	0	1	0	4	21
>24.00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
TOTAL	21	29	28	75	51	36	18	51	82	90	74	71	39	28	18	31	744

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** OCTOBER ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 744
TOTAL NUMBER OF VALID OBSERVATIONS: 744
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 7.7 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
2.55	2.69	3.63	52.42	26.88	7.80	4.03

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	1	0	0	2	3	0	0	0	0	2	4	3	2	1	1	0	0
B	2	0	0	0	3	0	0	0	0	4	3	2	1	1	4	0	0
C	0	1	0	2	1	0	0	0	0	3	11	2	2	3	2	0	0
D	17	27	23	62	28	17	4	13	22	17	35	41	25	18	11	28	2
E	1	1	5	8	16	15	13	29	37	32	12	19	5	4	0	3	0
F	0	0	0	1	0	4	1	6	15	17	6	3	4	1	0	0	0
G	0	0	0	0	0	0	0	3	8	15	3	1	0	0	0	0	0
TOTAL	21	29	28	75	51	36	18	51	82	90	74	71	39	28	18	31	2

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** NOVEMBER ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	0	4
7.51-12.50	0	0	0	0	0	0	0	0	0	0	2	4	1	3	0	0	10
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	1	2	5	3	5	1	0	17

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	1	0	0	0	0	1	0	2	0	0	0	4
7.51-12.50	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	5
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	1	0	0	0	0	4	6	4	0	0	0	15

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** NOVEMBER ***

STABILITY CLASS C

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	1	1	2	0	0	1	2	7
7.51-12.50	0	0	0	0	0	0	0	0	0	1	1	4	2	0	0	0	8
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	2	2	8	3	0	1	2	18

STABILITY CLASS D

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	1	0	0	3	2	0	1	0	1	0	0	1	0	0	9
3.51- 7.50	0	3	0	5	4	1	9	7	12	7	8	7	3	1	3	3	73
7.51-12.50	1	3	0	1	0	0	1	4	16	15	24	32	19	3	1	1	121
12.51-18.50	0	0	0	0	0	0	0	0	9	9	32	13	12	7	1	0	83
18.51-24.00	0	0	0	0	0	0	0	0	0	1	1	2	1	3	0	0	8
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	6	1	6	4	4	12	11	38	32	66	54	35	15	5	4	294

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** NOVEMBER ***

STABILITY CLASS E

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	1	1	0	0	0	0	1	4	11	5	1	0	0	0	2	0	26
3.51- 7.50	3	1	1	2	2	12	4	16	25	19	10	35	3	1	0	0	134
7.51-12.50	1	0	1	1	3	1	2	0	23	9	21	11	13	6	1	0	93
12.51-18.50	0	0	0	0	0	0	0	0	3	7	1	2	3	8	0	0	24
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5	2	2	3	5	13	7	20	62	40	33	48	19	16	3	0	279

STABILITY CLASS F

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	1	0	0	0	0	0	1	7	5	2	2	1	0	0	0	0	19
3.51- 7.50	0	0	0	0	0	0	0	4	12	31	0	7	1	0	0	0	55
7.51-12.50	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	3
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	1	11	18	33	2	10	1	0	0	0	77

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** NOVEMBER ***

STABILITY CLASS G

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	1	6	3	1	0	0	0	0	0	11
3.51- 7.50	0	0	0	0	0	0	0	0	5	2	2	0	0	0	0	0	9
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	1	11	5	3	0	0	0	0	0	20

STABILITY CLASS ALL

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	2	1	1	0	0	3	4	12	23	10	5	1	0	1	2	0	65
3.51- 7.50	3	4	1	7	6	14	13	27	54	61	22	51	9	4	5	5	286
7.51-12.50	2	3	1	2	3	1	3	4	40	25	51	55	35	12	2	1	240
12.51-18.50	0	0	0	0	0	0	0	0	12	16	33	21	20	15	1	0	118
18.51-24.00	0	0	0	0	0	0	0	0	0	1	1	3	1	4	0	0	10
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	8	3	9	9	18	20	43	129	113	112	131	65	36	10	6	720

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** NOVEMBER ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 720
TOTAL NUMBER OF VALID OBSERVATIONS: 720
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 8.4 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
2.36	2.08	2.50	40.83	38.75	10.69	2.78

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	0	0	0	0	0	0	0	1	2	5	3	5	1	0	0
B	0	0	0	0	0	1	0	0	0	0	4	6	4	0	0	0	0
C	0	0	0	0	0	0	0	0	0	2	2	8	3	0	1	2	0
D	1	6	1	6	4	4	12	11	38	32	66	54	35	15	5	4	0
E	5	2	2	3	5	13	7	20	62	40	33	48	19	16	3	0	1
F	1	0	0	0	0	0	1	11	18	33	2	10	1	0	0	0	0
G	0	0	0	0	0	0	0	1	11	5	3	0	0	0	0	0	0
TOTAL	7	8	3	9	9	18	20	43	129	113	112	131	65	36	10	6	1

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** DECEMBER ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
12.51-18.50	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	3
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	2	1	3	1	0	0	7

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** DECEMBER ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	1	0	0	0	1	0	0	1	1	0	0	0	0	4
7.51-12.50	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	3
12.51-18.50	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	4
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	0	1	0	1	0	2	3	1	1	1	0	0	11

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	1	2	2	4	5	1	5	2	0	1	4	3	1	1	0	32
3.51- 7.50	4	7	5	17	7	1	7	10	10	7	13	10	2	2	2	7	111
7.51-12.50	1	2	5	18	16	8	1	3	13	10	15	16	1	2	9	7	127
12.51-18.50	2	1	2	0	5	0	0	0	1	10	23	15	7	3	5	3	77
18.51-24.00	0	0	0	0	0	0	0	0	0	0	3	6	2	0	0	0	11
>24.00	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	7
TOTAL	7	11	14	37	32	14	9	18	26	27	57	56	15	8	17	17	365

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** DECEMBER ***

STABILITY CLASS E

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	1	1	1	6	6	3	4	2	1	0	1	5	0	31
3.51- 7.50	0	1	3	2	6	5	5	8	13	31	12	13	6	2	4	1	112
7.51-12.50	0	0	0	1	0	0	3	4	16	30	15	4	3	5	7	0	88
12.51-18.50	0	0	0	0	0	0	0	2	18	14	8	1	0	2	0	1	46
18.51-24.00	0	0	0	0	0	0	0	0	2	5	4	3	0	0	0	0	14
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	3	4	7	6	14	20	52	84	41	22	9	10	16	2	291

STABILITY CLASS F

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	1	0	2	2	3	6	5	1	1	0	0	0	0	21
3.51- 7.50	0	0	0	0	7	8	3	4	2	5	2	2	0	0	0	1	34
7.51-12.50	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1	1	8	11	5	7	8	10	3	3	0	0	0	1	58

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** DECEMBER ***

STABILITY CLASS G

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	0	7
3.51- 7.50	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	3
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	1	2	0	2	2	3	0	0	0	0	0	10

STABILITY CLASS ALL

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	1	2	4	5	8	11	14	13	11	5	6	3	2	6	0	91
3.51- 7.50	4	8	8	20	20	15	15	23	25	43	31	26	8	5	6	9	266
7.51-12.50	1	2	6	19	17	10	4	7	29	40	31	21	6	7	16	7	223
12.51-18.50	2	1	2	0	5	0	0	2	19	26	33	16	9	7	5	4	131
18.51-24.00	0	0	0	0	0	0	0	0	2	5	7	9	2	0	0	0	25
>24.00	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	7
TOTAL	7	12	18	43	47	33	30	46	88	125	109	83	28	21	33	20	743

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** DECEMBER ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 744
TOTAL NUMBER OF VALID OBSERVATIONS: 743
TOTAL NUMBER OF MISSING OBSERVATIONS: 1
PERCENT DATA RECOVERY FOR THIS PERIOD: 99.9 %
MEAN WIND SPEED FOR THIS PERIOD: 8.8 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
.94	.13	1.48	49.13	39.17	7.81	1.35

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	0	0	0	0	0	0	0	0	2	1	3	1	0	0	0
B	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
C	0	0	0	1	0	1	0	1	0	2	3	1	1	1	0	0	0
D	7	11	14	37	32	14	9	18	26	27	57	56	15	8	17	17	0
E	0	1	3	4	7	6	14	20	52	84	41	22	9	10	16	2	0
F	0	0	1	1	8	11	5	7	8	10	3	3	0	0	0	1	0
G	0	0	0	0	0	1	2	0	2	2	3	0	0	0	0	0	0
TOTAL	7	12	18	43	47	33	30	46	88	125	109	83	28	21	33	20	0

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** WINTER ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
3.51- 7.50	1	0	0	1	2	1	0	0	0	0	1	0	2	3	5	2	18
7.51-12.50	1	0	0	0	1	2	0	0	0	1	6	8	4	13	5	6	47
12.51-18.50	0	0	0	0	0	0	0	0	0	0	1	0	3	0	2	0	6
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
TOTAL	2	0	0	1	3	3	0	0	0	1	9	8	9	17	12	8	73

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
3.51- 7.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
7.51-12.50	0	0	0	0	0	0	0	0	0	1	4	1	1	1	1	1	10
12.51-18.50	0	0	0	0	0	0	0	0	0	0	3	0	1	1	0	0	5
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	1	7	1	2	3	1	2	17

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** WINTER ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	1	2	1	0	2	0	0	4	1	0	1	5	1	18
7.51-12.50	0	0	0	0	0	2	1	0	0	0	6	4	2	0	0	2	17
12.51-18.50	0	0	0	1	0	0	0	0	0	3	6	0	0	2	0	1	13
18.51-24.00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	3	2	3	1	2	0	3	16	5	2	3	5	4	49

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	5
1.01- 3.50	2	1	4	6	6	9	3	9	4	3	4	7	4	2	2	1	67
3.51- 7.50	16	11	19	33	20	10	15	15	25	26	32	37	12	14	12	23	320
7.51-12.50	30	31	39	38	29	17	7	9	20	34	91	61	8	15	34	24	487
12.51-18.50	27	50	11	15	6	0	0	0	3	17	71	26	16	10	22	24	298
18.51-24.00	3	11	3	1	0	0	0	0	0	0	13	10	2	0	0	3	46
>24.00	1	2	0	0	0	0	0	0	0	0	14	5	0	0	0	0	22
TOTAL	79	106	76	93	61	36	25	33	52	80	225	146	42	41	70	75	1245

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** WINTER ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	1	1	1	2	3	2	9	10	6	10	3	3	0	1	5	1	58
3.51- 7.50	4	3	5	3	13	9	13	19	30	49	25	23	19	10	5	5	235
7.51-12.50	2	2	6	1	1	1	13	8	25	54	33	17	10	12	18	3	206
12.51-18.50	0	0	0	0	0	0	0	3	20	22	22	6	2	3	3	1	82
18.51-24.00	0	0	0	0	0	0	0	0	2	5	6	3	0	0	0	0	16
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	6	12	6	17	12	35	40	83	140	89	52	31	26	31	10	599

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	0	0	0	1	1	2	4	7	13	12	5	2	1	0	0	0	48
3.51- 7.50	0	0	0	1	13	17	4	7	6	9	15	2	0	0	0	1	75
7.51-12.50	0	1	1	1	2	1	0	0	0	0	0	0	0	1	0	0	7
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	1	3	16	20	8	14	19	21	20	4	1	1	0	1	132

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** WINTER ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	3	2	6	4	3	1	0	0	0	0	19
3.51- 7.50	0	0	0	1	1	1	0	3	7	7	4	0	0	0	0	0	24
7.51-12.50	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	1	1	3	5	13	11	8	1	0	0	0	0	44

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	9
1.01- 3.50	3	2	5	9	10	13	19	28	29	29	15	13	5	5	7	2	194
3.51- 7.50	21	14	24	40	51	39	32	46	68	91	81	63	33	28	27	33	691
7.51-12.50	33	34	46	40	33	23	21	17	45	90	141	91	25	42	58	36	775
12.51-18.50	27	50	11	16	6	0	0	3	23	42	103	32	22	16	27	26	404
18.51-24.00	3	11	3	2	0	0	0	0	2	5	19	13	2	0	0	3	63
>24.00	1	2	0	0	0	0	0	0	0	0	15	5	0	0	0	0	23
TOTAL	88	113	89	107	100	75	72	94	167	257	374	217	87	91	119	100	2159

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** WINTER ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 2160
TOTAL NUMBER OF VALID OBSERVATIONS: 2159
TOTAL NUMBER OF MISSING OBSERVATIONS: 1
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 9.2 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
3.38	.79	2.27	57.67	27.74	6.11	2.04

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	2	0	0	1	3	3	0	0	0	1	9	8	9	17	12	8	0
B	0	0	0	0	0	0	0	0	0	1	7	1	2	3	1	2	0
C	0	0	0	3	2	3	1	2	0	3	16	5	2	3	5	4	0
D	79	106	76	93	61	36	25	33	52	80	225	146	42	41	70	75	5
E	7	6	12	6	17	12	35	40	83	140	89	52	31	26	31	10	2
F	0	1	1	3	16	20	8	14	19	21	20	4	1	1	0	1	2
G	0	0	0	1	1	1	3	5	13	11	8	1	0	0	0	0	0
TOTAL	88	113	89	107	100	75	72	94	167	257	374	217	87	91	119	100	9

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SPRING ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	1	0	0	0	0	0	0	1	0	3	1	4	1	11
7.51-12.50	0	0	2	8	4	0	0	0	1	3	14	5	9	16	16	0	78
12.51-18.50	0	0	2	8	0	0	0	0	0	4	3	3	7	6	10	0	43
18.51-24.00	0	0	0	2	1	0	0	0	0	0	0	0	1	0	3	0	7
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	4	19	5	0	0	0	1	7	18	8	20	23	33	1	139

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	1	0	1	2	3	0	0	0	0	2	3	0	0	6	0	2	20
7.51-12.50	0	0	1	2	0	0	0	0	2	6	6	0	1	6	5	0	29
12.51-18.50	0	2	2	1	1	0	0	0	0	7	4	6	1	1	4	1	30
18.51-24.00	0	2	1	1	0	0	0	0	0	0	0	1	0	0	0	0	5
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	4	5	6	4	0	0	0	2	15	13	7	2	13	9	3	84

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SPRING ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	2	6	5	6	5	3	1	4	3	2	0	0	1	1	39
7.51-12.50	0	1	1	3	4	0	0	0	1	3	7	6	3	0	11	5	45
12.51-18.50	0	0	3	2	0	0	0	0	0	7	9	2	0	3	5	2	33
18.51-24.00	0	4	0	0	0	0	0	0	0	1	2	0	1	0	0	0	8
>24.00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TOTAL	0	7	6	11	9	6	5	3	2	15	21	10	4	3	17	8	127

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	4	1	2	0	2	2	4	3	4	2	1	2	0	0	2	1	30
3.51- 7.50	15	8	31	30	33	13	15	21	18	16	11	10	7	5	3	12	248
7.51-12.50	21	11	25	39	32	2	6	9	25	11	25	21	20	18	19	29	313
12.51-18.50	12	12	17	21	3	1	0	1	8	21	33	9	24	22	26	28	238
18.51-24.00	0	14	14	1	1	0	0	0	2	6	8	1	5	2	2	1	57
>24.00	0	12	1	0	0	0	0	0	0	0	1	0	0	0	0	0	14
TOTAL	52	58	90	91	71	18	25	34	57	56	79	43	56	47	52	71	900

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SPRING ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
1.01- 3.50	0	0	2	1	2	1	9	12	10	8	1	5	2	3	1	0	57
3.51- 7.50	5	11	9	20	26	25	23	25	25	30	14	21	12	7	3	5	261
7.51-12.50	1	3	2	14	16	2	1	5	24	33	29	15	7	15	22	2	191
12.51-18.50	1	2	2	2	0	0	0	0	6	12	14	1	2	4	15	9	70
18.51-24.00	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	1	6
>24.00	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
TOTAL	7	16	19	40	44	28	33	42	65	83	60	42	23	29	41	17	593

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
1.01- 3.50	0	0	2	0	2	6	5	15	17	14	2	2	3	0	0	0	68
3.51- 7.50	0	0	0	3	12	15	6	11	29	33	15	17	8	0	0	0	149
7.51-12.50	0	0	0	6	8	1	0	0	1	0	1	1	0	1	1	1	21
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	2	9	22	22	11	26	47	47	18	20	11	1	1	1	242

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SPRING ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
1.01- 3.50	1	0	1	3	4	6	8	10	3	9	4	4	0	0	0	0	53
3.51- 7.50	0	0	0	0	10	13	1	6	8	11	2	2	1	3	0	0	57
7.51-12.50	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	1	6
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	1	5	16	20	9	16	11	20	6	6	1	3	0	1	120

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	12
1.01- 3.50	5	1	7	4	10	15	26	40	34	33	8	13	5	3	3	1	208
3.51- 7.50	21	19	43	62	89	72	50	66	81	96	49	52	31	22	11	21	785
7.51-12.50	22	15	31	74	66	6	7	14	54	56	82	48	40	56	74	38	683
12.51-18.50	13	16	26	34	4	1	0	1	14	51	63	21	34	36	60	40	414
18.51-24.00	0	20	15	7	2	0	0	0	2	7	12	2	7	2	5	2	83
>24.00	0	14	5	0	0	0	0	0	0	0	1	0	0	0	0	0	20
TOTAL	61	85	127	181	171	94	83	121	185	243	215	136	117	119	153	102	2205

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SPRING ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 2208
TOTAL NUMBER OF VALID OBSERVATIONS: 2205
TOTAL NUMBER OF MISSING OBSERVATIONS: 3
PERCENT DATA RECOVERY FOR THIS PERIOD: 99.9 %
MEAN WIND SPEED FOR THIS PERIOD: 9.1 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
6.30	3.81	5.76	40.82	26.89	10.98	5.44

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	0	0	4	19	5	0	0	0	1	7	18	8	20	23	33	1	0
B	1	4	5	6	4	0	0	0	2	15	13	7	2	13	9	3	0
C	0	7	6	11	9	6	5	3	2	15	21	10	4	3	17	8	0
D	52	58	90	91	71	18	25	34	57	56	79	43	56	47	52	71	0
E	7	16	19	40	44	28	33	42	65	83	60	42	23	29	41	17	4
F	0	0	2	9	22	22	11	26	47	47	18	20	11	1	1	1	4
G	1	0	1	5	16	20	9	16	11	20	6	6	1	3	0	1	4
TOTAL	61	85	127	181	171	94	83	121	185	243	215	136	117	119	153	102	12

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SUMMER ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	1	0	0	0	3	1	0	0	1	0	1	1	2	1	0	0	11
3.51- 7.50	1	3	2	3	3	0	0	4	3	7	4	1	7	14	13	6	71
7.51-12.50	0	6	1	3	1	1	0	0	1	6	10	1	2	10	14	2	58
12.51-18.50	0	1	0	0	0	0	0	0	1	1	3	0	0	0	1	0	7
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	10	3	6	7	2	0	4	6	14	18	3	13	25	28	8	149

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	4
3.51- 7.50	0	0	0	1	11	3	0	1	1	6	12	3	2	3	2	4	49
7.51-12.50	0	1	2	5	0	0	0	0	0	7	30	3	1	1	4	7	61
12.51-18.50	0	1	0	0	0	0	0	0	0	0	3	0	0	1	0	0	5
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	2	2	6	11	3	1	1	1	13	46	8	3	5	6	11	119

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SUMMER ***

STABILITY CLASS C

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	1	1	0	0	1	0	0	0	2	0	0	0	0	5
3.51- 7.50	2	0	1	11	6	2	2	1	0	9	12	1	3	1	4	8	63
7.51-12.50	0	1	3	8	2	0	0	0	1	6	29	4	0	0	2	7	63
12.51-18.50	1	0	0	0	0	0	0	0	1	4	7	0	1	1	0	2	17
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	1	4	20	9	2	2	2	2	19	48	7	4	2	6	17	148

STABILITY CLASS D

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	3	4	2	3	10	7	8	8	8	4	4	2	1	2	1	0	67
3.51- 7.50	34	18	27	29	42	23	4	9	26	49	27	12	9	3	6	14	332
7.51-12.50	36	34	29	21	4	0	0	4	22	35	57	15	1	2	8	37	305
12.51-18.50	10	16	7	5	1	0	0	1	1	6	21	3	1	1	2	16	91
18.51-24.00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	3
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	83	72	65	58	57	30	12	22	57	94	110	32	12	8	17	69	800

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SUMMER ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	18
1.01- 3.50	1	0	2	4	16	15	11	23	29	17	8	9	5	1	2	1	144
3.51- 7.50	3	9	4	24	29	20	9	21	80	116	42	21	5	13	5	1	402
7.51-12.50	0	0	3	12	2	0	1	0	20	29	36	6	2	2	4	2	119
12.51-18.50	1	2	0	5	0	0	0	0	0	0	3	1	1	0	0	1	14
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5	11	9	45	47	35	21	44	129	162	89	37	13	16	11	5	697

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	6
1.01- 3.50	0	0	0	0	2	1	8	38	40	18	18	6	4	2	1	0	138
3.51- 7.50	1	0	0	0	2	1	0	5	22	36	14	13	8	0	2	0	104
7.51-12.50	0	0	0	0	2	0	0	0	0	2	0	0	0	0	1	0	5
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	6	2	8	43	62	56	32	19	12	2	4	0	253

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SUMMER ***

STABILITY CLASS G

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
1.01- 3.50	0	0	0	0	0	0	0	3	7	11	4	5	1	0	0	0	31
3.51- 7.50	0	0	0	0	0	0	0	0	0	9	0	1	0	0	0	0	10
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	3	7	20	4	6	1	0	0	0	42

STABILITY CLASS ALL

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	27
1.01- 3.50	5	4	4	8	32	24	28	73	85	50	36	27	13	6	4	1	400
3.51- 7.50	41	30	34	68	93	49	15	41	132	232	111	52	34	34	32	33	1031
7.51-12.50	36	42	38	49	11	1	1	4	44	85	162	29	6	15	33	55	611
12.51-18.50	12	20	7	10	1	0	0	1	3	11	37	4	3	3	3	19	134
18.51-24.00	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	2	5
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	94	96	83	135	137	74	44	119	264	378	347	112	58	58	72	110	2208

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** SUMMER ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 2208
TOTAL NUMBER OF VALID OBSERVATIONS: 2208
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 6.5 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
6.75	5.39	6.70	36.23	31.57	11.46	1.90

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	2	10	3	6	7	2	0	4	6	14	18	3	13	25	28	8	0
B	0	2	2	6	11	3	1	1	1	13	46	8	3	5	6	11	0
C	3	1	4	20	9	2	2	2	2	19	48	7	4	2	6	17	0
D	83	72	65	58	57	30	12	22	57	94	110	32	12	8	17	69	2
E	5	11	9	45	47	35	21	44	129	162	89	37	13	16	11	5	18
F	1	0	0	0	6	2	8	43	62	56	32	19	12	2	4	0	6
G	0	0	0	0	0	0	0	3	7	20	4	6	1	0	0	0	1
TOTAL	94	96	83	135	137	74	44	119	264	378	347	112	58	58	72	110	27

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FALL ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	2	3	0	1	0	0	3	2	1	1	6	4	1	24
7.51-12.50	0	0	0	3	0	0	0	0	0	2	5	9	3	6	4	1	33
12.51-18.50	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0	9
18.51-24.00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	5	3	0	1	0	0	5	8	12	6	14	10	2	67

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	0	0	0	0	1	0	1	0	2	3	0	3	1	1	0	12
7.51-12.50	1	0	0	6	2	0	0	0	0	4	5	7	1	2	8	0	36
12.51-18.50	0	0	1	0	1	0	0	0	0	3	6	8	3	0	1	0	23
18.51-24.00	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	1	6	3	1	0	1	0	9	14	16	7	3	10	0	73

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FALL ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.51- 7.50	0	1	0	4	2	0	0	0	0	2	3	2	2	0	4	2	22
7.51-12.50	0	0	0	5	0	0	0	0	0	7	10	8	2	3	2	0	37
12.51-18.50	0	0	1	1	0	0	0	0	0	3	6	5	1	1	0	0	18
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TOTAL	2	1	1	10	2	0	0	0	0	12	19	15	5	4	6	2	79

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	3
1.01- 3.50	3	1	1	3	3	13	5	6	1	2	2	1	1	2	0	2	46
3.51- 7.50	10	19	14	29	34	14	11	14	40	24	24	27	15	8	9	6	298
7.51-12.50	10	20	26	45	11	2	1	7	32	30	55	68	33	11	8	11	370
12.51-18.50	1	35	13	4	0	0	0	0	11	14	49	28	20	13	4	13	205
18.51-24.00	15	7	1	0	0	0	0	0	0	1	1	3	2	4	0	5	39
>24.00	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10
TOTAL	45	83	55	81	48	29	17	27	84	71	131	127	71	38	21	40	971

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FALL ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	1	1	2	1	10	3	14	18	14	13	7	1	2	1	2	1	91
3.51- 7.50	4	2	11	14	20	30	17	51	74	65	19	50	8	5	1	1	372
7.51-12.50	2	0	5	7	6	1	5	2	32	41	35	29	13	6	6	5	195
12.51-18.50	0	0	0	0	0	0	0	0	3	7	8	2	4	10	0	0	34
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	3	18	22	36	34	36	71	123	126	69	83	27	23	9	7	696

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
1.01- 3.50	1	0	0	2	1	3	4	16	20	14	9	5	3	0	0	0	78
3.51- 7.50	0	0	0	0	0	2	0	8	30	53	6	13	8	2	0	0	122
7.51-12.50	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	4
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	2	1	5	4	24	51	67	15	20	11	3	0	0	208

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FALL ***

STABILITY CLASS G
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
1.01- 3.50	0	0	0	0	0	0	0	6	17	17	8	3	0	1	0	0	52
3.51- 7.50	0	0	0	0	0	0	0	0	11	17	5	1	2	0	0	0	36
7.51-12.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	6	28	34	13	4	2	1	0	0	90

STABILITY CLASS ALL
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	11
1.01- 3.50	5	2	3	6	14	19	23	46	52	46	26	10	6	4	2	3	267
3.51- 7.50	14	22	25	49	59	47	29	74	155	166	62	94	39	22	19	10	886
7.51-12.50	13	20	31	66	19	3	6	9	65	84	110	123	52	29	28	17	675
12.51-18.50	1	35	15	5	1	0	0	0	14	27	70	45	30	26	7	13	289
18.51-24.00	17	7	1	0	0	0	0	0	0	1	1	5	2	5	0	5	44
>24.00	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12
TOTAL	58	87	75	126	93	69	58	129	286	324	269	277	129	86	56	51	2184

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** FALL ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 2184
TOTAL NUMBER OF VALID OBSERVATIONS: 2184
TOTAL NUMBER OF MISSING OBSERVATIONS: 0
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 8.1 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
3.07	3.34	3.62	44.46	31.87	9.52	4.12

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	1	0	0	5	3	0	1	0	0	5	8	12	6	14	10	2	0
B	2	0	1	6	3	1	0	1	0	9	14	16	7	3	10	0	0
C	2	1	1	10	2	0	0	0	0	12	19	15	5	4	6	2	0
D	45	83	55	81	48	29	17	27	84	71	131	127	71	38	21	40	3
E	7	3	18	22	36	34	36	71	123	126	69	83	27	23	9	7	2
F	1	0	0	2	1	5	4	24	51	67	15	20	11	3	0	0	4
G	0	0	0	0	0	0	0	6	28	34	13	4	2	1	0	0	2
TOTAL	58	87	75	126	93	69	58	129	286	324	269	277	129	86	56	51	11

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** ANNUAL ***

STABILITY CLASS A

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	1	0	0	0	3	1	0	0	1	0	1	1	2	2	0	0	12
3.51- 7.50	2	3	2	7	8	1	1	4	3	10	8	2	13	24	26	10	124
7.51-12.50	1	6	3	14	6	3	0	0	2	12	35	23	18	45	39	9	216
12.51-18.50	0	1	2	8	0	0	0	0	1	5	8	5	12	8	15	0	65
18.51-24.00	1	0	0	2	1	0	0	0	0	0	0	0	3	0	3	0	10
>24.00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
TOTAL	5	10	7	31	18	5	1	4	7	27	53	31	48	79	83	19	428

STABILITY CLASS B

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	0	0	0	1	0	0	0	1	2	0	1	0	0	5
3.51- 7.50	1	0	1	3	14	4	0	2	1	10	18	3	5	10	3	7	82
7.51-12.50	1	1	3	13	2	0	0	0	2	18	45	11	4	10	18	8	136
12.51-18.50	0	3	3	1	2	0	0	0	0	10	16	14	5	3	5	1	63
18.51-24.00	1	2	1	1	0	0	0	0	0	0	0	2	0	0	0	0	7
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	6	8	18	18	4	1	2	3	38	80	32	14	24	26	16	293

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** ANNUAL ***

STABILITY CLASS C
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
1.01- 3.50	0	0	0	1	1	0	0	1	0	0	0	2	0	0	0	0	5
3.51- 7.50	2	1	3	22	15	9	7	6	1	15	22	6	5	2	14	12	142
7.51-12.50	0	2	4	16	6	2	1	0	2	16	52	22	7	3	15	14	162
12.51-18.50	1	0	4	4	0	0	0	0	1	17	28	7	2	7	5	5	81
18.51-24.00	0	4	0	1	0	0	0	0	0	1	2	0	1	0	0	0	9
>24.00	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
TOTAL	5	9	11	44	22	11	8	7	4	49	104	37	15	12	34	31	403

STABILITY CLASS D
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	10
1.01- 3.50	12	7	9	12	21	31	20	26	17	11	11	12	6	6	5	4	210
3.51- 7.50	75	56	91	121	129	60	45	59	109	115	94	86	43	30	30	55	1198
7.51-12.50	97	96	119	143	76	21	14	29	99	110	228	165	62	46	69	101	1475
12.51-18.50	50	113	48	45	10	1	0	2	23	58	174	66	61	46	54	81	832
18.51-24.00	18	32	18	2	1	0	0	0	2	7	23	14	9	6	2	11	145
>24.00	7	15	1	0	0	0	0	0	0	0	15	5	0	0	0	3	46
TOTAL	259	319	286	323	237	113	79	116	250	301	545	348	181	134	160	255	3916

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** ANNUAL ***

STABILITY CLASS E
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	26
1.01- 3.50	3	2	7	8	31	21	43	63	59	48	19	18	9	6	10	3	350
3.51- 7.50	16	25	29	61	88	84	62	116	209	260	100	115	44	35	14	12	1270
7.51-12.50	5	5	16	34	25	4	20	15	101	157	133	67	32	35	50	12	711
12.51-18.50	2	4	2	7	0	0	0	3	29	41	47	10	9	17	18	11	200
18.51-24.00	0	0	0	3	0	0	0	0	2	5	8	4	0	1	0	1	24
>24.00	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
TOTAL	26	36	58	113	144	109	125	197	400	511	307	214	94	94	92	39	2585

STABILITY CLASS F
STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	16
1.01- 3.50	1	0	2	3	6	12	21	76	90	58	34	15	11	2	1	0	332
3.51- 7.50	1	0	0	4	27	35	10	31	87	131	50	45	24	2	2	1	450
7.51-12.50	0	1	1	7	12	2	0	0	2	2	1	3	0	3	2	1	37
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	1	3	14	45	49	31	107	179	191	85	63	35	7	5	2	835

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** ANNUAL ***

STABILITY CLASS G

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	7
1.01- 3.50	1	0	1	3	4	6	11	21	33	41	19	13	1	1	0	0	155
3.51- 7.50	0	0	0	1	11	14	1	9	26	44	11	4	3	3	0	0	127
7.51-12.50	0	0	0	2	2	1	0	0	0	0	1	0	0	0	0	1	7
12.51-18.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.51-24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>24.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	1	6	17	21	12	30	59	85	31	17	4	4	0	1	296

STABILITY CLASS ALL

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH
JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS AT 35.00 FEET

SPEED (MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	59
1.01- 3.50	18	9	19	27	66	71	96	187	200	158	85	63	29	18	16	7	1069
3.51- 7.50	97	85	126	219	292	207	126	227	436	585	303	261	137	106	89	97	3393
7.51-12.50	104	111	146	229	129	33	35	44	208	315	495	291	123	142	193	146	2744
12.51-18.50	53	121	59	65	12	1	0	5	54	131	273	102	89	81	97	98	1241
18.51-24.00	20	38	19	9	2	0	0	0	4	13	33	20	13	7	5	12	195
>24.00	9	17	5	0	0	0	0	0	0	0	16	5	0	0	0	3	55
TOTAL	301	381	374	549	501	312	257	463	902	1202	1205	742	391	354	400	363	8756

TIME OF DAY: 12: 5:43

PROGRAM: JFD VERSION: PC-1.2

********DAVIS-BESSE 75-10 DT, NO BACKUP ********
SITE IDENTIFIER: 21
DATA PERIOD EXAMINED: 1/ 1/21 - 12/31/21

*** ANNUAL ***

STABILITY BASED ON: DELTA T BETWEEN 250.0 AND 35.0 FEET
WIND MEASURED AT: 35.0 FEET
WIND THRESHOLD AT: 1.00 MPH

TOTAL NUMBER OF OBSERVATIONS: 8760
TOTAL NUMBER OF VALID OBSERVATIONS: 8756
TOTAL NUMBER OF MISSING OBSERVATIONS: 4
PERCENT DATA RECOVERY FOR THIS PERIOD: 100.0 %
MEAN WIND SPEED FOR THIS PERIOD: 8.2 MPH
TOTAL NUMBER OF OBSERVATIONS WITH BACKUP DATA: 0

PERCENTAGE OCCURRENCE OF STABILITY CLASSES

A	B	C	D	E	F	G
4.89	3.35	4.60	44.72	29.52	9.54	3.38

DISTRIBUTION OF WIND DIRECTION VS STABILITY

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM
A	5	10	7	31	18	5	1	4	7	27	53	31	48	79	83	19	0
B	3	6	8	18	18	4	1	2	3	38	80	32	14	24	26	16	0
C	5	9	11	44	22	11	8	7	4	49	104	37	15	12	34	31	0
D	259	319	286	323	237	113	79	116	250	301	545	348	181	134	160	255	10
E	26	36	58	113	144	109	125	197	400	511	307	214	94	94	92	39	26
F	2	1	3	14	45	49	31	107	179	191	85	63	35	7	5	2	16
G	1	0	1	6	17	21	12	30	59	85	31	17	4	4	0	1	7
TOTAL	301	381	374	549	501	312	257	463	902	1202	1205	742	391	354	400	363	59

LAST DATA RECORD READ: 21 21 12 31 24 -99.0 -99.0 -99.0

OUTPUT FILE NAME :DB21JFDL.OUT

21	1	1	1	105.80	12.58	7.83	28.52	999.00	98.70	11.76	8.63	29.03	101.80	5.90	15.61	29.76	999.00	-1.29	999.00	-0.79	0.00
21	1	1	2	110.70	11.49	4.34	28.67	999.00	103.50	11.05	4.16	29.17	105.30	5.50	13.51	29.85	999.00	-1.06	999.00	-0.55	0.00
21	1	1	3	125.80	10.81	9.61	28.61	999.00	119.70	9.28	10.92	29.04	122.10	3.87	29.56	29.45	999.00	-0.93	999.00	-0.56	0.00
21	1	1	4	101.30	12.44	4.99	28.49	999.00	94.60	12.01	4.87	28.94	93.90	5.71	15.01	29.53	999.00	-1.04	999.00	-0.55	0.00
21	1	1	5	109.10	13.08	6.65	28.76	999.00	103.10	12.53	7.49	29.27	107.50	6.55	16.29	29.90	999.00	-1.19	999.00	-0.68	0.00
21	1	1	6	108.20	15.19	3.64	28.86	999.00	102.00	14.62	4.07	29.36	104.50	8.44	13.10	30.16	999.00	-1.42	999.00	-0.92	0.00
21	1	1	7	103.80	15.17	5.28	29.20	999.00	97.40	14.55	5.53	29.72	97.90	7.04	15.27	30.62	999.00	-1.42	999.00	-0.91	0.00
21	1	1	8	96.50	18.35	3.02	29.51	999.00	90.00	17.43	4.02	30.03	90.70	8.37	15.43	30.94	999.00	-1.48	999.00	-0.95	0.00
21	1	1	9	88.40	23.04	3.67	29.66	999.00	81.40	21.97	4.70	30.19	80.70	12.30	13.01	31.17	999.00	-1.58	999.00	-1.05	0.00
21	1	1	10	92.30	21.41	3.98	29.93	999.00	84.60	20.16	4.75	30.46	84.50	10.77	14.23	31.55	999.00	-1.67	999.00	-1.14	0.00
21	1	1	11	90.20	19.71	4.87	29.93	999.00	82.80	18.69	5.48	30.46	81.30	9.26	15.87	31.55	999.00	-1.65	999.00	-1.13	0.00
21	1	1	12	73.20	20.83	2.46	30.15	999.00	66.08	20.37	3.30	30.58	65.32	15.61	9.96	31.75	999.00	-1.58	999.00	-1.15	0.02
21	1	1	13	78.10	18.42	2.72	30.43	999.00	71.00	17.95	3.38	30.88	69.99	12.83	11.23	31.96	999.00	-1.52	999.00	-1.07	0.03
21	1	1	14	78.00	10.72	4.14	30.77	999.00	70.80	10.53	4.90	31.18	68.98	8.20	12.25	32.23	999.00	-1.44	999.00	-1.01	0.08
21	1	1	15	57.52	12.32	4.07	30.66	999.00	49.79	12.81	5.28	31.17	48.43	12.63	9.08	32.15	999.00	-1.58	999.00	-1.07	0.27
21	1	1	16	67.01	10.90	2.57	30.97	999.00	59.25	11.87	3.85	31.35	58.56	12.96	9.52	32.11	999.00	-0.82	999.00	-0.63	0.16
21	1	1	17	71.60	11.62	3.30	30.97	999.00	63.96	13.00	4.26	31.35	63.60	18.19	10.04	32.11	999.00	-1.58	999.00	-1.32	0.07
21	1	1	18	80.70	12.84	3.29	31.93	999.00	74.70	13.33	4.18	32.04	75.40	16.50	11.91	33.49	999.00	-1.41	999.00	-1.49	0.00
21	1	1	19	86.30	11.65	3.64	32.63	999.00	77.10	22.64	4.59	32.63	74.20	12.15	10.96	34.03	999.00	-1.35	999.00	-1.12	0.00
21	1	1	20	84.60	24.39	2.30	32.63	999.00	75.70	21.46	3.56	32.63	75.00	11.06	10.41	34.03	999.00	-0.96	999.00	-0.77	0.00
21	1	1	21	72.10	23.21	2.77	33.50	999.00	63.92	20.67	3.87	33.68	62.95	11.26	10.06	34.47	999.00	-1.04	999.00	-0.84	0.04
21	1	1	22	78.40	18.20	1.44	33.72	999.00	69.82	16.71	2.28	33.83	66.97	7.48	10.41	34.55	999.00	-0.67	999.00	-0.59	0.15
21	1	1	23	93.70	15.00	4.23	33.72	999.00	91.60	12.27	5.86	33.83	101.80	4.80	14.14	34.55	999.00	-0.64	999.00	-0.62	0.00
21	1	1	24	190.10	4.82	11.36	33.91	999.00	191.10	4.29	12.35	33.98	240.60	3.26	11.68	34.63	999.00	-0.66	999.00	-0.57	0.01
21	1	2	1	243.00	11.73	3.60	33.59	999.00	242.20	10.53	3.82	33.76	240.60	5.72	9.23	34.35	999.00	-1.01	999.00	-0.76	0.00
21	1	2	2	278.30	15.26	3.40	999.00	999.00	272.20	13.57	3.83	999.00	264.10	8.19	9.32	34.29	999.00	-1.30	999.00	-1.04	0.00
21	1	2	3	293.10	13.06	4.95	32.18	999.00	284.60	11.72	5.28	32.53	274.20	8.07	8.39	33.67	999.00	-1.57	999.00	-1.18	0.00
21	1	2	4	299.20	11.07	4.29	31.39	999.00	288.80	10.06	4.42	31.77	273.30	6.32	8.76	32.99	999.00	-1.58	999.00	-1.23	0.00
21	1	2	5	282.00	12.50	2.63	31.31	999.00	271.10	11.50	3.43	31.61	257.90	5.96	10.81	32.82	999.00	-1.55	999.00	-1.21	0.00
21	1	2	6	283.60	13.19	2.79	31.41	999.00	273.70	11.95	3.52	31.88	261.90	6.28	9.27	32.99	999.00	-1.58	999.00	-0.97	0.00
21	1	2	7	297.80	14.00	4.74	31.65	999.00	289.60	12.34	5.37	32.15	281.80	7.02	10.34	33.08	999.00	-1.37	999.00	-1.03	0.00
21	1	2	8	312.70	13.48	3.31	31.50	999.00	305.00	12.66	5.03	31.81	297.30	6.58	11.44	32.59	999.00	-1.08	999.00	-0.81	0.00
21	1	2	9	295.60	6.68	7.18	31.54	999.00	276.10	4.53	11.95	31.78	217.10	2.64	13.63	32.77	999.00	-1.56	999.00	-1.31	0.00
21	1	2	10	273.90	3.70	17.97	31.63	999.00	250.40	3.09	18.45	31.95	213.90	2.52	21.39	33.40	999.00	-1.71	999.00	-1.37	0.00
21	1	2	11	350.20	6.09	15.79	32.32	999.00	331.70	6.66	12.07	32.58	309.70	6.24	11.55	34.28	999.00	-1.78	999.00	-1.70	0.00
21	1	2	12	19.90	4.68	19.63	33.07	999.00	5.13	3.71	23.67	33.18	340.20	3.83	28.44	34.83	999.00	-1.84	999.00	-1.63	0.00
21	1	2	13	70.40	4.95	9.91	33.23	999.00	58.65	4.82	11.25	33.39	40.02	4.67	11.37	35.03	999.00	-1.93	999.00	-1.74	0.00
21	1	2	14	19.88	7.37	5.59	33.48	999.00	13.41	6.83	6.08	33.47	7.22	7.03	10.55	34.51	999.00	-0.58	999.00	-0.70	0.00
21	1	2	15	55.00	4.58	17.78	32.91	999.00	49.06	4.96	11.63	32.95	37.76	3.63	19.99	33.88	999.00	-1.24	999.00	-1.10	0.00
21	1	2	16	83.90	4.57	12.11	32.39	999.00	75.70	4.38	12.23	32.54	82.60	2.86	17.45	33.69	999.00	-1.40	999.00	-1.24	0.00
21	1	2	17	105.30	7.29	9.44	32.18	999.00	97.20	7.16	9.17	32.38	89.10	4.15	16.91	33.72	999.00	-1.51	999.00	-1.30	0.00
21	1	2	18	97.70	9.57	9.16	32.15	999.00	89.60	8.96	8.16	32.34	89.60	5.03	14.37	33.55	999.00	-1.39	999.00	-1.18	0.00
21	1	2	19	74.50	12.20	3.76	32.12	999.00	64.31	11.32	4.01	32.28	59.31	6.33	10.10	33.47	999.00	-1.33	999.00	-1.17	0.00
21	1	2	20	82.00	14.13	4.66	32.33	999.00	71.80	13.24	4.57	32.48	69.50	6.92	12.40	33.63	999.00	-1.35	999.00	-1.14	0.00
21	1	2	21	95.60	13.44	4.59	32.46	999.00	84.90	11.77	4.64	32.70	80.50	4.98	13.98	33.68	999.00	-1.14	999.00	-0.92	0.00
21	1	2	22	105.40	14.54	5.02	32.87	999.00	94.20	12.85	4.81	33.10	80.10	5.24	12.27	33.89	999.00	-0.77	999.00	-0.58	0.00

21	1	2	23	117.20	12.72	2.49	33.39	999.00	109.60	11.02	3.63	33.68	109.60	4.14	13.48	34.33	999.00	-0.94	999.00	-0.54	0.00
21	1	2	24	87.60	14.37	1.17	33.92	999.00	77.10	13.64	1.81	34.27	74.70	6.01	11.65	34.85	999.00	-0.95	999.00	-0.59	0.00
21	1	3	1	77.10	15.01	1.43	33.49	999.00	66.79	14.30	1.60	33.94	59.81	7.59	10.03	34.51	999.00	-1.08	999.00	-0.63	0.00
21	1	3	2	85.00	17.51	3.87	33.03	999.00	76.90	17.03	3.70	33.34	72.70	7.89	10.98	34.03	999.00	-1.04	999.00	-0.73	0.00
21	1	3	3	93.60	15.51	1.84	32.67	999.00	88.00	13.10	4.06	32.91	94.60	5.35	14.59	33.96	999.00	-1.38	999.00	-1.15	0.00
21	1	3	4	93.80	12.56	3.79	31.99	999.00	86.40	11.06	4.61	32.19	79.80	5.12	10.84	33.11	999.00	-0.62	999.00	-0.57	0.06
21	1	3	5	110.60	13.51	1.81	999.00	999.00	101.80	11.08	2.42	999.00	98.40	4.54	12.89	32.14	999.00	-0.50	999.00	-0.62	0.03
21	1	3	6	107.60	10.69	2.04	999.00	999.00	96.10	9.12	3.50	999.00	71.90	3.19	13.86	32.14	999.00	-0.08	999.00	-0.27	0.00
21	1	3	7	117.10	11.68	0.85	32.51	999.00	107.80	10.39	1.39	32.46	101.00	3.46	11.79	32.74	999.00	-0.41	999.00	-0.31	0.00
21	1	3	8	136.00	9.43	2.91	33.06	999.00	123.20	8.86	3.52	33.17	125.00	2.10	18.89	33.32	999.00	-0.24	999.00	-0.17	0.00
21	1	3	9	176.10	9.45	4.74	33.11	999.00	174.60	7.43	4.64	33.06	197.00	2.90	13.86	33.50	999.00	-0.47	999.00	-0.46	0.00
21	1	3	10	212.50	11.43	2.91	33.33	999.00	204.20	8.61	2.85	33.09	214.30	3.38	9.78	33.53	999.00	-0.11	999.00	-0.46	0.00
21	1	3	11	227.60	12.47	6.42	33.60	999.00	221.60	11.13	7.25	33.72	217.30	7.26	11.73	34.88	999.00	-1.88	999.00	-1.60	0.00
21	1	3	12	229.10	13.33	5.96	34.65	999.00	223.80	12.77	6.94	34.81	222.30	9.74	9.39	36.71	999.00	-2.24	999.00	-2.14	0.00
21	1	3	13	234.00	15.93	5.07	34.04	999.00	229.70	15.06	5.43	34.22	225.90	10.57	10.04	36.24	999.00	-2.00	999.00	-1.78	0.00
21	1	3	14	247.90	15.81	4.58	34.24	999.00	244.40	14.69	5.92	34.21	241.00	10.06	10.67	36.05	999.00	-1.75	999.00	-1.76	0.00
21	1	3	15	234.30	13.87	4.52	34.24	999.00	230.60	13.39	5.18	34.21	228.10	9.58	8.50	36.05	999.00	-1.70	999.00	-1.58	0.00
21	1	3	16	247.30	15.80	6.39	33.54	999.00	242.10	15.30	7.36	33.75	236.30	10.51	11.38	35.14	999.00	-1.68	999.00	-1.45	0.00
21	1	3	17	259.70	9.28	5.93	33.60	999.00	255.90	8.38	6.60	33.81	248.10	5.29	10.52	35.28	999.00	-1.58	999.00	-1.42	0.00
21	1	3	18	257.50	11.08	2.78	33.50	999.00	249.70	10.19	3.84	33.72	242.20	6.12	9.64	35.00	999.00	-1.45	999.00	-1.22	0.00
21	1	3	19	269.40	11.29	4.00	33.46	999.00	261.00	10.04	5.10	33.70	250.20	6.12	8.60	34.85	999.00	-1.38	999.00	-1.18	0.00
21	1	3	20	283.20	9.93	4.35	33.21	999.00	275.90	9.39	4.65	33.43	262.70	5.80	10.52	34.63	999.00	-1.41	999.00	-1.20	0.00
21	1	3	21	275.00	8.93	5.10	33.21	999.00	269.00	8.16	5.30	33.43	256.00	4.85	8.89	34.63	999.00	-1.49	999.00	-1.03	0.00
21	1	3	22	282.60	10.83	4.77	32.97	999.00	274.30	9.80	5.20	33.43	260.30	4.82	10.17	34.43	999.00	-1.46	999.00	-0.99	0.00
21	1	3	23	269.50	7.41	7.03	32.92	999.00	259.10	6.89	6.45	33.45	241.10	4.35	8.49	34.57	999.00	-1.73	999.00	-1.14	0.00
21	1	3	24	269.50	9.14	1.54	32.78	999.00	262.70	8.11	2.57	33.30	252.40	4.29	8.43	34.33	999.00	-1.52	999.00	-1.02	0.00
21	1	4	1	259.80	10.32	3.62	32.45	999.00	254.00	9.31	4.43	32.99	249.50	5.98	9.42	34.15	999.00	-1.76	999.00	-1.21	0.00
21	1	4	2	269.00	11.84	2.99	32.15	999.00	261.50	10.55	3.76	32.67	252.10	6.22	8.86	33.78	999.00	-1.48	999.00	-1.00	0.00
21	1	4	3	267.40	13.11	2.30	32.15	999.00	260.00	11.98	2.78	32.67	251.90	7.24	8.79	33.78	999.00	-1.66	999.00	-1.00	0.00
21	1	4	4	265.30	9.47	2.61	32.12	999.00	260.90	8.72	4.10	32.59	253.60	4.83	8.76	33.62	999.00	-1.54	999.00	-1.04	0.00
21	1	4	5	273.40	10.93	3.95	31.69	999.00	268.40	9.97	4.67	32.20	265.80	6.27	9.51	33.33	999.00	-1.67	999.00	-1.17	0.00
21	1	4	6	254.50	5.78	8.56	31.22	999.00	247.10	5.17	9.85	31.74	232.70	3.07	16.00	32.96	999.00	-1.74	999.00	-1.23	0.00
21	1	4	7	244.70	8.76	7.04	31.21	999.00	238.20	8.03	7.67	31.73	231.00	5.45	11.86	32.95	999.00	-1.76	999.00	-1.24	0.00
21	1	4	8	255.90	11.73	4.08	31.59	999.00	246.70	11.30	3.57	32.02	242.80	7.76	7.72	33.02	999.00	-1.13	999.00	-0.77	0.00
21	1	4	9	248.20	7.76	3.46	32.00	999.00	241.80	7.22	2.97	32.43	225.00	4.26	6.80	33.10	999.00	-1.07	999.00	-0.64	0.00
21	1	4	10	228.60	8.49	2.26	31.25	999.00	223.20	7.79	3.35	31.66	220.70	6.07	7.91	32.93	999.00	-1.79	999.00	-1.37	0.00
21	1	4	11	224.30	7.54	5.70	31.08	999.00	217.70	7.04	5.07	31.58	216.30	5.51	9.94	33.00	999.00	-2.06	999.00	-1.51	0.00
21	1	4	12	216.50	8.43	4.06	31.60	999.00	212.10	8.22	4.45	32.15	210.90	5.86	12.40	33.74	999.00	-2.22	999.00	-1.66	0.00
21	1	4	13	225.20	8.40	3.49	31.84	999.00	220.70	8.25	3.84	32.40	216.60	6.59	10.47	34.05	999.00	-2.21	999.00	-1.66	0.00
21	1	4	14	206.70	8.46	4.59	32.23	999.00	202.40	8.26	5.37	32.81	200.00	5.93	14.60	34.43	999.00	-2.09	999.00	-1.50	0.00
21	1	4	15	217.60	11.19	8.83	32.39	999.00	213.90	10.90	8.42	32.94	213.10	7.85	10.54	34.45	999.00	-1.97	999.00	-1.45	0.00
21	1	4	16	204.30	10.72	12.24	32.18	999.00	198.70	10.21	13.25	32.72	190.60	6.77	15.97	34.07	999.00	-1.87	999.00	-1.33	0.00
21	1	4	17	209.40	11.07	7.67	31.89	999.00	205.90	10.37	9.00	32.42	207.50	6.85	14.63	33.69	999.00	-1.75	999.00	-1.23	0.00
21	1	4	18	205.30	9.94	6.34	31.73	999.00	199.80	9.38	6.72	32.25	201.40	4.78	15.20	33.45	999.00	-1.66	999.00	-1.15	0.00
21	1	4	19	204.90	8.30	4.46	31.74	999.00	197.00	7.40	5.27	32.22	190.40	3.46	13.22	33.36	999.00	-1.56	999.00	-1.10	0.00
21	1	4	20	200.80	8.60	3.78	31.83	999.00	193.70	7.86	4.42	32.28	187.50	4.56	11.96	33.30	999.00	-1.56	999.00	-1.09	0.00

21	1	4	21	236.20	10.11	9.31	31.64	999.00	232.40	9.48	10.64	32.15	228.80	6.32	13.04	33.27	999.00	-1.66	999.00	-1.14	0.00
21	1	4	22	207.10	9.18	7.52	31.30	999.00	201.50	8.58	7.68	31.81	190.60	4.84	14.63	32.96	999.00	-1.63	999.00	-1.12	0.00
21	1	4	23	232.20	11.65	4.86	31.03	999.00	227.80	11.00	5.83	31.56	219.60	7.86	10.02	32.72	999.00	-1.69	999.00	-1.17	0.00
21	1	4	24	247.60	7.66	6.96	30.90	999.00	245.80	6.90	7.91	31.42	248.40	4.74	9.74	32.56	999.00	-1.64	999.00	-1.12	0.00
21	1	5	1	261.60	8.57	7.69	30.65	999.00	257.60	8.06	8.28	31.17	254.70	5.49	9.69	32.34	999.00	-1.71	999.00	-1.19	0.00
21	1	5	2	292.00	3.46	17.18	30.56	999.00	275.40	2.76	21.19	31.05	12.44	0.76	78.60	32.08	999.00	-1.44	999.00	-0.96	0.00
21	1	5	3	240.00	0.84	36.35	30.74	999.00	180.30	1.26	33.34	31.20	149.70	1.63	14.74	32.24	999.00	-1.53	999.00	-1.07	0.00
21	1	5	4	163.30	2.38	15.05	30.71	999.00	154.40	2.93	14.81	31.15	157.90	1.98	23.96	32.19	999.00	-1.48	999.00	-1.05	0.00
21	1	5	5	214.60	3.88	8.67	30.48	999.00	205.90	3.89	7.64	30.99	197.10	2.91	12.95	32.07	999.00	-1.78	999.00	-1.24	0.00
21	1	5	6	185.10	2.48	13.99	30.16	999.00	168.70	1.96	19.61	30.67	95.20	0.82	15.93	31.86	999.00	-1.59	999.00	-1.12	0.00
21	1	5	7	137.90	4.81	5.68	30.42	999.00	124.20	4.72	4.97	30.86	100.70	2.90	10.17	31.85	999.00	-1.39	999.00	-0.97	0.00
21	1	5	8	72.70	5.20	3.76	30.57	999.00	63.26	5.82	3.87	30.94	59.58	4.07	10.59	32.07	999.00	-1.65	999.00	-1.27	0.00
21	1	5	9	71.60	5.97	2.55	30.13	999.00	63.98	6.22	2.64	30.54	62.85	4.40	10.83	31.78	999.00	-1.62	999.00	-1.21	0.00
21	1	5	10	78.50	4.67	4.63	999.00	999.00	68.67	4.71	4.71	999.00	61.72	3.64	8.51	31.69	999.00	-1.59	999.00	-1.21	0.00
21	1	5	11	84.50	2.13	6.68	30.26	999.00	75.10	2.40	7.09	30.64	75.30	2.18	13.44	31.78	999.00	-1.48	999.00	-1.10	0.00
21	1	5	12	297.90	3.36	15.58	30.70	999.00	293.60	2.97	18.20	31.01	341.30	1.36	35.01	32.13	999.00	-1.60	999.00	-1.24	0.00
21	1	5	13	290.60	5.84	8.88	30.91	999.00	288.60	4.82	8.54	31.36	281.40	3.43	15.56	32.91	999.00	-2.20	999.00	-1.66	0.00
21	1	5	14	300.50	9.05	7.33	31.10	999.00	296.80	8.18	7.26	31.65	294.30	6.00	12.16	33.26	999.00	-2.15	999.00	-1.57	0.00
21	1	5	15	302.40	11.04	5.58	31.48	999.00	296.60	10.58	5.50	32.15	291.50	7.32	12.54	33.73	999.00	-2.11	999.00	-1.52	0.00
21	1	5	16	299.40	13.22	4.00	31.86	999.00	292.20	12.45	4.90	32.38	283.70	8.53	10.56	33.74	999.00	-1.78	999.00	-1.27	0.00
21	1	5	17	314.40	13.34	3.91	31.97	999.00	307.50	12.62	5.34	32.45	301.30	7.91	10.63	33.67	999.00	-1.58	999.00	-1.13	0.00
21	1	5	18	319.10	13.27	3.00	32.13	999.00	313.70	12.22	4.13	32.60	306.80	7.47	8.44	33.70	999.00	-1.51	999.00	-1.04	0.00
21	1	5	19	320.40	12.68	3.58	32.23	999.00	312.40	11.29	4.89	32.62	299.00	6.45	10.27	33.60	999.00	-1.27	999.00	-0.93	0.00
21	1	5	20	302.40	13.39	4.02	32.22	999.00	293.40	12.13	5.11	32.64	280.20	6.83	8.27	33.54	999.00	-1.33	999.00	-0.90	0.00
21	1	5	21	293.40	15.27	3.55	32.27	999.00	285.70	13.16	4.26	32.69	277.20	8.04	8.09	33.58	999.00	-1.32	999.00	-0.89	0.00
21	1	5	22	309.90	15.05	3.20	32.39	999.00	302.50	13.61	4.25	32.83	296.50	7.40	10.39	33.74	999.00	-1.40	999.00	-0.96	0.00
21	1	5	23	319.00	14.78	6.09	32.29	999.00	310.60	13.53	6.65	32.76	302.30	8.08	9.57	33.80	999.00	-1.54	999.00	-1.07	0.00
21	1	5	24	326.60	14.34	3.53	32.28	999.00	316.90	12.65	4.75	32.65	305.90	7.49	8.92	33.61	999.00	-1.31	999.00	-0.94	0.00
21	1	6	1	325.30	13.38	3.33	32.25	999.00	316.20	11.83	4.82	32.62	301.90	6.70	8.23	33.53	999.00	-1.22	999.00	-0.86	0.00
21	1	6	2	332.30	11.30	1.28	32.38	999.00	324.80	10.12	3.30	32.71	304.00	4.94	10.56	33.43	999.00	-1.08	999.00	-0.74	0.00
21	1	6	3	317.20	9.71	4.24	32.19	999.00	303.40	9.53	4.34	32.52	284.30	4.94	10.99	33.32	999.00	-1.03	999.00	-0.74	0.00
21	1	6	4	309.50	9.66	3.13	32.37	999.00	294.30	9.68	3.23	32.62	268.10	3.87	11.79	33.22	999.00	-0.69	999.00	-0.47	0.00
21	1	6	5	305.10	11.84	2.06	32.67	999.00	294.00	11.13	2.30	32.95	278.90	5.34	8.15	33.23	999.00	-0.71	999.00	-0.42	0.00
21	1	6	6	316.80	12.51	1.86	32.84	999.00	303.20	12.35	2.71	33.05	289.50	5.98	10.07	33.70	999.00	-0.82	999.00	-0.69	0.00
21	1	6	7	317.10	13.04	2.41	33.03	999.00	305.00	12.57	3.01	33.27	290.90	6.64	9.78	33.96	999.00	-0.94	999.00	-0.71	0.00
21	1	6	8	319.10	13.53	2.90	33.17	999.00	308.30	12.78	4.00	33.41	298.40	6.99	10.85	34.18	999.00	-1.16	999.00	-0.82	0.00
21	1	6	9	324.60	17.53	3.15	33.30	999.00	315.20	15.47	4.26	33.60	306.50	9.48	8.24	34.41	999.00	-1.23	999.00	-0.92	0.00
21	1	6	10	334.50	12.38	2.83	33.48	999.00	325.70	11.46	4.46	33.75	305.00	7.00	8.78	34.58	999.00	-1.18	999.00	-0.91	0.00
21	1	6	11	323.20	12.55	4.26	33.40	999.00	314.50	11.34	5.85	33.75	305.40	8.13	9.89	34.97	999.00	-1.86	999.00	-1.40	0.00
21	1	6	12	331.70	12.64	5.33	33.26	999.00	325.20	11.56	6.89	33.79	318.60	8.56	12.42	35.36	999.00	-2.11	999.00	-1.58	0.00
21	1	6	13	342.90	9.62	9.62	33.26	999.00	332.10	9.80	7.77	33.79	328.30	8.31	11.67	35.36	999.00	-2.34	999.00	-1.98	0.00
21	1	6	14	357.50	6.14	14.12	34.76	999.00	351.00	6.01	11.08	35.14	348.10	6.00	12.16	36.53	999.00	-1.52	999.00	-1.15	0.00
21	1	6	15	275.70	5.47	9.23	35.10	999.00	270.20	5.36	8.53	35.65	259.70	4.47	13.85	37.36	999.00	-2.17	999.00	-1.61	0.00
21	1	6	16	332.30	6.98	2.92	35.25	999.00	328.10	6.96	3.42	35.71	332.40	4.61	7.59	36.91	999.00	-1.44	999.00	-0.98	0.00
21	1	6	17	292.90	3.15	5.23	35.50	999.00	287.70	3.06	4.22	35.99	253.60	1.39	13.78	36.96	999.00	-1.36	999.00	-0.86	0.00
21	1	6	18	234.50	1.51	52.20	35.50	999.00	192.90	1.57	68.61	35.97	118.80	1.81	48.69	36.78	999.00	-1.33	999.00	-0.90	0.00

21	1	6	19	243.80	1.35	41.90	34.40	999.00	285.70	1.39	43.43	34.73	334.30	0.96	16.68	34.94	999.00	-0.07	999.00	0.31	0.00
21	1	6	20	3.96	1.51	45.51	34.49	999.00	336.90	1.49	33.42	34.93	328.70	2.79	5.09	34.99	999.00	-0.53	999.00	-0.18	0.00
21	1	6	21	2.15	4.71	16.27	34.49	999.00	344.30	4.59	13.89	34.81	295.40	4.55	11.76	34.96	999.00	-0.16	999.00	0.12	0.00
21	1	6	22	14.39	5.07	16.07	34.35	999.00	358.50	4.96	13.13	34.71	323.90	4.29	21.56	35.05	999.00	-1.01	999.00	-0.64	0.00
21	1	6	23	359.40	5.35	14.52	34.04	999.00	341.00	5.19	18.30	34.37	309.60	3.00	49.73	35.11	999.00	-1.08	999.00	-0.72	0.00
21	1	6	24	334.20	3.38	71.60	33.71	999.00	292.40	2.47	102.00	34.06	211.80	2.54	56.67	34.84	999.00	-1.36	999.00	-0.95	0.00
21	1	7	1	30.88	1.84	82.00	33.24	999.00	107.80	1.82	83.50	33.72	150.10	1.92	45.69	34.68	999.00	-1.62	999.00	-1.10	0.00
21	1	7	2	16.87	9.59	10.72	33.24	999.00	10.94	7.30	13.68	33.72	350.90	4.84	11.93	34.68	999.00	-1.02	999.00	-0.64	0.00
21	1	7	3	13.52	11.91	10.72	33.58	999.00	8.71	10.10	10.76	33.97	1.89	5.83	16.47	34.79	999.00	-1.13	999.00	-0.75	0.00
21	1	7	4	15.76	12.69	10.00	33.77	999.00	13.53	10.75	10.49	34.14	10.55	7.84	12.28	34.97	999.00	-1.29	999.00	-0.88	0.00
21	1	7	5	17.05	14.43	5.67	33.49	999.00	13.11	11.61	6.46	33.87	11.23	8.21	11.95	34.71	999.00	-1.26	999.00	-0.87	0.00
21	1	7	6	19.83	14.71	4.44	33.11	999.00	15.18	12.03	5.32	33.52	11.23	8.94	11.75	34.43	999.00	-1.31	999.00	-0.89	0.00
21	1	7	7	18.08	17.21	5.76	33.14	999.00	14.94	13.89	5.83	33.52	13.35	10.18	12.05	34.36	999.00	-1.11	999.00	-0.77	0.00
21	1	7	8	18.89	17.99	4.79	33.15	999.00	14.82	14.79	5.03	33.49	13.03	11.67	11.63	34.33	999.00	-1.27	999.00	-0.88	0.00
21	1	7	9	25.54	13.53	4.22	32.94	999.00	20.06	9.75	4.57	33.35	16.49	9.41	9.84	34.25	999.00	-1.42	999.00	-0.98	0.00
21	1	7	10	39.44	12.40	6.86	32.69	999.00	34.14	11.23	7.87	33.21	27.69	9.50	9.63	34.28	999.00	-1.70	999.00	-1.13	0.00
21	1	7	11	44.10	10.38	9.82	32.45	999.00	37.82	9.10	9.68	33.00	31.51	7.99	11.52	34.15	999.00	-1.73	999.00	-1.19	0.00
21	1	7	12	57.72	11.58	5.53	32.18	999.00	51.25	10.70	5.32	32.74	47.56	8.62	10.40	34.01	999.00	-1.91	999.00	-1.33	0.00
21	1	7	13	48.96	12.31	5.21	32.07	999.00	44.80	11.54	5.53	32.62	45.98	8.63	11.15	33.99	999.00	-1.99	999.00	-1.45	0.00
21	1	7	14	37.80	9.49	9.70	32.03	999.00	34.01	8.53	8.52	32.58	29.42	8.60	9.83	33.89	999.00	-1.88	999.00	-1.29	0.00
21	1	7	15	45.97	18.11	5.57	31.87	999.00	41.78	17.28	6.18	32.45	39.83	12.80	11.58	33.78	999.00	-1.98	999.00	-1.40	0.00
21	1	7	16	49.69	16.07	13.68	31.58	999.00	44.58	14.67	13.22	32.17	41.27	12.47	17.74	33.49	999.00	-1.86	999.00	-1.28	0.00
21	1	7	17	73.30	13.91	4.51	30.37	999.00	67.19	13.39	4.50	30.93	68.98	8.73	11.24	32.20	999.00	-1.76	999.00	-1.21	0.00
21	1	7	18	73.90	12.59	4.96	30.37	999.00	67.58	12.25	4.89	30.93	69.27	7.59	10.78	32.20	999.00	-1.44	999.00	-0.93	0.00
21	1	7	19	66.86	11.72	3.91	30.13	999.00	59.75	11.53	4.22	30.64	60.45	7.41	8.31	31.41	999.00	-1.24	999.00	-0.75	0.00
21	1	7	20	59.30	10.77	4.07	30.50	999.00	54.38	10.43	3.94	31.01	58.87	6.76	9.29	31.85	999.00	-1.44	999.00	-0.93	0.00
21	1	7	21	37.56	17.02	5.30	31.07	999.00	33.09	15.79	6.77	31.61	26.93	14.83	7.73	32.66	999.00	-1.71	999.00	-1.13	0.00
21	1	7	22	43.37	19.77	5.91	31.01	999.00	38.73	19.32	6.14	31.57	34.56	14.05	10.28	32.62	999.00	-1.65	999.00	-1.09	0.00
21	1	7	23	47.71	17.67	5.61	30.72	999.00	42.43	17.14	5.93	31.25	38.10	12.17	9.46	32.22	999.00	-1.55	999.00	-1.01	0.00
21	1	7	24	40.83	16.83	5.48	30.44	999.00	36.82	15.98	6.61	30.98	34.51	11.41	9.43	31.95	999.00	-1.61	999.00	-1.06	0.00
21	1	8	1	45.59	16.62	6.38	30.53	999.00	40.96	15.63	5.93	31.07	38.66	10.69	9.74	32.05	999.00	-1.43	999.00	-0.91	0.00
21	1	8	2	49.45	18.72	3.84	30.27	999.00	45.13	18.12	4.23	30.80	44.05	11.99	11.16	31.78	999.00	-1.49	999.00	-0.96	0.00
21	1	8	3	42.41	19.20	5.44	29.81	999.00	36.59	18.27	6.18	30.37	32.04	14.09	9.31	31.47	999.00	-1.70	999.00	-1.13	0.00
21	1	8	4	41.14	18.85	5.43	28.79	999.00	36.81	18.62	5.99	29.35	33.63	14.39	9.91	30.52	999.00	-1.74	999.00	-1.18	0.00
21	1	8	5	31.78	18.11	5.32	27.88	999.00	28.40	15.86	5.96	28.44	28.18	15.67	9.31	29.66	999.00	-1.80	999.00	-1.24	0.00
21	1	8	6	27.43	19.19	5.38	27.08	999.00	24.38	15.07	6.45	27.63	23.35	15.66	8.86	28.89	999.00	-1.81	999.00	-1.27	0.00
21	1	8	7	35.50	17.94	5.68	26.17	999.00	31.99	17.42	6.72	26.72	28.37	16.54	8.22	27.99	999.00	-1.83	999.00	-1.28	0.00
21	1	8	8	33.44	18.97	5.11	26.23	999.00	29.06	18.06	6.05	26.79	28.77	17.33	7.76	28.04	999.00	-1.80	999.00	-1.25	0.00
21	1	8	9	43.72	17.60	6.78	26.45	999.00	39.40	16.69	6.99	27.01	33.57	13.32	9.65	28.31	999.00	-1.91	999.00	-1.33	0.00
21	1	8	10	42.36	14.15	9.78	26.45	999.00	38.43	13.01	9.07	27.01	36.67	10.31	12.22	28.31	999.00	-1.92	999.00	-1.33	0.00
21	1	8	11	45.45	15.41	7.56	26.44	999.00	42.44	14.94	7.18	26.99	44.76	10.70	13.15	28.37	999.00	-1.95	999.00	-1.40	0.00
21	1	8	12	54.62	13.75	6.15	27.10	999.00	49.34	13.11	6.01	27.66	50.33	10.14	10.85	29.08	999.00	-2.04	999.00	-1.48	0.00
21	1	8	13	53.72	10.54	7.73	27.25	999.00	48.52	10.38	6.89	27.81	46.97	8.79	10.33	29.16	999.00	-1.81	999.00	-1.27	0.00
21	1	8	14	4.19	16.48	10.81	28.06	999.00	358.60	15.18	10.11	28.59	356.90	13.41	11.18	29.82	999.00	-1.77	999.00	-1.23	0.00
21	1	8	15	8.70	15.27	11.38	29.06	999.00	4.63	13.70	12.07	29.62	359.10	13.54	10.31	30.86	999.00	-1.77	999.00	-1.22	0.00
21	1	8	16	359.00	16.82	9.93	29.23	999.00	354.00	15.69	9.61	29.80	349.10	13.53	10.60	31.03	999.00	-1.79	999.00	-1.23	0.00

21	1	8	17	6.16	12.82	13.72	29.64	999.00	0.59	12.16	12.55	30.19	0.09	10.71	12.64	31.38	999.00	-1.73	999.00	-1.17	0.00
21	1	8	18	2.07	13.54	12.03	29.65	999.00	357.80	12.43	12.70	30.18	351.40	11.22	13.29	31.36	999.00	-1.71	999.00	-1.17	0.00
21	1	8	19	6.87	15.69	9.31	29.22	999.00	2.96	14.03	9.93	29.77	2.39	12.70	11.17	30.98	999.00	-1.74	999.00	-1.20	0.00
21	1	8	20	14.21	15.09	11.11	28.93	999.00	10.63	13.19	11.49	29.47	8.39	12.50	11.63	30.66	999.00	-1.78	999.00	-1.23	0.00
21	1	8	21	10.91	14.65	14.21	27.87	999.00	5.73	13.44	14.89	28.42	0.85	13.01	15.13	29.66	999.00	-1.85	999.00	-1.29	0.00
21	1	8	22	10.56	13.08	12.36	26.89	999.00	7.23	11.23	13.10	27.43	0.69	11.52	13.32	28.68	999.00	-1.80	999.00	-1.24	0.00
21	1	8	23	14.66	13.93	14.17	26.89	999.00	9.57	12.52	14.15	27.43	8.84	11.82	13.86	28.68	999.00	-1.75	999.00	-1.22	0.00
21	1	8	24	9.02	13.18	12.68	27.71	999.00	4.76	11.93	12.55	28.24	6.73	10.84	12.68	29.42	999.00	-1.70	999.00	-1.17	0.00
21	1	9	1	19.49	13.71	9.06	28.49	999.00	15.60	10.90	9.41	29.03	14.17	10.88	11.03	30.21	999.00	-1.73	999.00	-1.19	0.00
21	1	9	2	20.05	10.79	10.81	28.65	999.00	16.41	9.38	11.64	29.19	14.95	8.95	11.36	30.36	999.00	-1.69	999.00	-1.15	0.00
21	1	9	3	8.26	9.50	13.79	28.54	999.00	5.82	8.31	14.71	29.07	2.83	7.85	15.31	30.21	999.00	-1.67	999.00	-1.13	0.00
21	1	9	4	10.36	10.33	14.42	28.64	999.00	5.49	9.60	14.54	29.17	2.26	8.46	12.72	30.30	999.00	-1.66	999.00	-1.12	0.00
21	1	9	5	5.07	9.93	11.87	28.54	999.00	0.53	8.81	11.87	29.08	358.80	7.74	10.69	30.17	999.00	-1.65	999.00	-1.12	0.00
21	1	9	6	8.74	10.51	11.08	28.03	999.00	5.71	9.37	11.67	28.56	5.30	7.60	11.79	29.69	999.00	-1.66	999.00	-1.13	0.00
21	1	9	7	347.60	9.53	5.53	27.55	999.00	343.80	9.37	4.83	28.10	330.00	5.36	8.31	29.02	999.00	-1.13	999.00	-0.57	0.00
21	1	9	8	342.30	10.46	10.64	27.67	999.00	337.00	10.16	10.87	28.22	326.80	6.14	14.91	28.76	999.00	-1.08	999.00	-0.55	0.00
21	1	9	9	329.90	10.77	5.34	27.32	999.00	322.90	10.23	6.13	27.81	308.40	7.10	10.26	28.68	999.00	-1.98	999.00	-1.43	0.00
21	1	9	10	321.20	9.64	4.89	27.32	999.00	314.70	9.28	6.15	27.81	311.40	7.15	11.19	28.68	999.00	-2.37	999.00	-1.79	0.00
21	1	9	11	314.70	8.07	9.79	27.30	999.00	308.50	8.43	12.30	27.87	306.80	7.17	22.47	29.75	999.00	-2.44	999.00	-1.91	0.00
21	1	9	12	295.70	6.47	8.41	27.68	999.00	291.40	6.55	8.93	28.22	288.10	5.86	19.29	30.86	999.00	-3.40	999.00	-2.84	0.00
21	1	9	13	298.00	5.95	8.95	29.35	999.00	297.70	5.87	8.67	29.81	309.70	5.12	14.81	32.56	999.00	-3.33	999.00	-2.89	0.00
21	1	9	14	314.30	6.93	7.88	30.92	999.00	316.70	7.48	7.50	31.40	329.20	6.75	12.13	33.69	999.00	-2.23	999.00	-1.72	0.00
21	1	9	15	319.60	7.57	5.17	31.50	999.00	315.60	7.79	4.59	32.01	318.90	7.30	10.06	33.81	999.00	-2.45	999.00	-1.89	0.00
21	1	9	16	323.90	5.77	8.29	32.46	999.00	316.20	5.76	7.67	33.04	312.90	4.90	12.00	34.72	999.00	-2.38	999.00	-1.93	0.00
21	1	9	17	305.70	3.98	8.34	33.55	999.00	293.90	3.40	8.49	33.92	300.00	2.43	12.79	36.03	999.00	-2.27	999.00	-2.01	0.00
21	1	9	18	272.70	5.35	3.62	33.87	999.00	249.60	4.56	4.71	34.17	212.90	2.47	12.68	34.71	999.00	0.15	999.00	0.26	0.00
21	1	9	19	274.30	8.35	3.83	34.37	999.00	254.90	7.56	4.36	34.41	203.40	1.19	25.02	33.11	999.00	3.03	999.00	2.96	0.00
21	1	9	20	290.60	11.67	1.79	35.54	999.00	277.30	10.38	2.42	35.24	229.40	2.19	12.92	32.01	999.00	4.49	999.00	4.36	0.00
21	1	9	21	296.00	11.94	2.47	35.49	999.00	279.60	10.90	3.17	35.53	209.90	2.75	11.20	31.05	999.00	4.60	999.00	4.86	0.00
21	1	9	22	310.30	10.05	2.97	34.40	999.00	293.80	9.20	3.40	34.74	169.00	1.24	39.30	30.42	999.00	3.74	999.00	4.00	0.00
21	1	9	23	318.50	12.16	2.56	33.04	999.00	301.60	11.58	2.60	33.10	222.00	1.57	42.26	29.86	999.00	2.64	999.00	2.38	0.00
21	1	9	24	326.00	10.78	1.64	32.23	999.00	309.50	9.01	2.96	32.04	162.30	0.78	53.33	29.69	999.00	2.15	999.00	2.03	0.00
21	1	10	1	335.10	10.83	0.92	31.50	999.00	320.80	9.17	1.73	31.17	34.62	0.41	33.40	29.59	999.00	1.74	999.00	1.48	0.00
21	1	10	2	323.60	8.06	2.73	30.87	999.00	304.90	7.51	1.89	30.76	147.30	0.46	26.42	28.86	999.00	2.07	999.00	1.98	0.00
21	1	10	3	326.40	5.75	3.51	30.18	999.00	302.40	6.03	2.85	30.16	223.10	4.01	4.13	28.63	999.00	2.36	999.00	2.44	0.00
21	1	10	4	304.70	7.64	2.41	29.72	999.00	295.10	9.14	2.34	29.88	235.30	4.11	5.37	27.39	999.00	2.17	999.00	2.36	0.00
21	1	10	5	304.30	6.31	1.14	29.09	999.00	295.60	7.58	1.69	29.25	214.50	3.47	6.67	26.52	999.00	2.91	999.00	3.08	0.00
21	1	10	6	284.80	6.64	4.74	28.66	999.00	266.40	8.88	1.78	28.66	224.80	5.24	6.23	25.34	999.00	3.37	999.00	2.73	0.00
21	1	10	7	265.60	10.09	1.57	27.80	999.00	262.70	11.90	1.80	27.38	223.60	5.37	7.53	24.57	999.00	3.61	999.00	3.27	0.00
21	1	10	8	285.00	9.66	2.02	28.13	999.00	264.10	10.27	5.78	26.82	214.40	4.82	6.98	24.33	999.00	3.86	999.00	1.80	0.00
21	1	10	9	275.30	7.09	2.03	27.81	999.00	240.20	9.14	4.92	25.44	200.90	3.67	13.17	23.87	999.00	3.76	999.00	0.63	0.00
21	1	10	10	234.00	6.42	5.49	27.29	999.00	215.50	6.34	8.88	23.91	205.20	4.93	12.87	24.65	999.00	1.41	999.00	-1.15	0.00
21	1	10	11	226.60	7.03	5.89	25.62	999.00	221.80	6.49	7.00	25.92	225.00	6.06	11.31	27.46	999.00	-2.09	999.00	-1.78	0.00
21	1	10	12	243.30	7.24	6.64	27.99	999.00	239.00	6.76	7.16	28.43	227.90	5.60	13.89	30.28	999.00	-2.24	999.00	-1.71	0.00
21	1	10	13	239.70	9.69	5.58	30.20	999.00	234.80	9.59	5.52	30.67	227.10	8.12	10.67	32.65	999.00	-2.48	999.00	-2.06	0.00
21	1	10	14	241.80	10.56	4.69	32.18	999.00	238.00	10.29	5.20	32.52	232.10	8.59	9.32	34.74	999.00	-2.56	999.00	-2.23	0.00

21	1	10	15	235.90	9.12	8.22	32.18	999.00	232.70	8.84	8.97	32.52	229.00	7.35	14.77	34.74	999.00	-2.38	999.00	-1.91	0.00
21	1	10	16	239.70	11.38	3.48	33.26	999.00	236.30	11.06	3.70	33.67	232.70	8.50	10.29	35.80	999.00	-2.08	999.00	-1.64	0.00
21	1	10	17	237.20	10.79	2.61	33.52	999.00	234.10	10.61	2.78	34.04	232.30	7.54	8.69	35.13	999.00	-1.41	999.00	-0.89	0.00
21	1	10	18	242.40	11.97	3.36	31.75	999.00	236.80	11.76	3.75	32.25	229.00	8.80	8.59	33.07	999.00	-1.43	999.00	-0.94	0.00
21	1	10	19	251.00	13.22	3.95	28.30	999.00	249.10	12.47	5.14	28.83	248.20	8.15	9.39	29.85	999.00	-1.48	999.00	-0.97	0.00
21	1	10	20	254.90	12.35	4.63	27.17	999.00	251.00	10.87	6.12	27.68	248.50	6.96	10.14	28.61	999.00	-1.37	999.00	-0.90	0.00
21	1	10	21	255.10	12.30	3.92	27.33	999.00	249.60	11.14	4.80	27.80	246.90	6.60	10.35	28.56	999.00	-1.26	999.00	-0.78	0.00
21	1	10	22	253.50	9.72	4.76	27.73	999.00	247.60	8.48	5.17	28.19	239.80	4.77	9.07	28.91	999.00	-1.17	999.00	-0.72	0.00
21	1	10	23	249.50	9.42	1.09	27.87	999.00	240.90	7.88	2.37	28.27	218.00	4.33	6.22	28.95	999.00	-0.87	999.00	-0.56	0.00
21	1	10	24	239.80	11.28	1.26	28.21	999.00	229.80	10.14	1.96	28.42	203.10	4.16	10.99	28.64	999.00	-0.08	999.00	0.09	0.00
21	1	11	1	236.80	10.24	2.05	27.93	999.00	226.60	8.53	2.94	28.07	194.00	3.26	10.45	28.32	999.00	-0.31	999.00	-0.11	0.00
21	1	11	2	243.60	11.04	3.29	27.84	999.00	233.30	9.16	3.94	28.03	205.80	3.88	9.78	28.21	999.00	-0.48	999.00	-0.24	0.00
21	1	11	3	277.80	11.52	5.50	27.71	999.00	263.10	10.00	5.57	27.93	241.20	4.62	7.69	28.40	999.00	-0.34	999.00	-0.22	0.00
21	1	11	4	264.80	6.57	8.66	27.97	999.00	242.30	5.54	8.23	28.12	196.90	3.03	11.48	28.48	999.00	-0.47	999.00	-0.33	0.00
21	1	11	5	243.50	6.20	5.29	27.58	999.00	227.80	5.84	6.02	27.86	182.80	3.37	10.97	28.00	999.00	-0.45	999.00	-0.07	0.00
21	1	11	6	236.00	9.00	3.06	27.32	999.00	219.30	7.99	4.80	27.55	197.50	3.51	11.77	28.06	999.00	-0.74	999.00	-0.59	0.00
21	1	11	7	234.40	9.89	8.99	27.35	999.00	223.50	8.62	11.17	27.70	208.80	5.19	13.48	28.49	999.00	-1.40	999.00	-0.99	0.00
21	1	11	8	242.90	9.22	6.38	27.39	999.00	236.30	8.46	6.43	27.91	225.40	6.28	9.00	28.94	999.00	-1.56	999.00	-1.04	0.00
21	1	11	9	234.70	13.33	4.98	27.21	999.00	228.40	12.59	6.22	27.74	223.70	9.14	11.01	28.83	999.00	-1.65	999.00	-1.13	0.00
21	1	11	10	251.90	14.82	9.97	27.10	999.00	247.80	13.00	11.48	27.60	246.60	9.40	15.08	28.78	999.00	-1.49	999.00	-1.08	0.00
21	1	11	11	235.30	15.97	4.32	27.08	999.00	230.90	15.51	5.11	27.63	228.90	11.72	8.56	29.03	999.00	-2.01	999.00	-1.47	0.00
21	1	11	12	244.80	16.20	5.77	26.94	999.00	240.60	15.38	6.52	27.48	236.80	11.78	10.33	28.90	999.00	-1.96	999.00	-1.40	0.00
21	1	11	13	232.60	16.50	4.45	27.02	999.00	228.30	16.10	4.97	27.56	224.90	12.35	9.95	29.02	999.00	-2.06	999.00	-1.52	0.00
21	1	11	14	223.80	18.69	4.25	27.36	999.00	218.80	17.64	4.86	27.91	218.70	12.69	9.65	29.42	999.00	-2.03	999.00	-1.49	0.00
21	1	11	15	237.20	18.30	6.92	27.43	999.00	232.90	17.64	8.20	27.98	231.20	13.01	11.57	29.45	999.00	-2.08	999.00	-1.52	0.00
21	1	11	16	227.30	17.72	7.71	27.17	999.00	222.00	16.95	9.25	27.72	220.40	12.77	11.28	29.21	999.00	-2.05	999.00	-1.49	0.00
21	1	11	17	228.70	18.49	4.49	27.06	999.00	223.00	17.89	5.16	27.60	217.10	13.60	9.26	28.94	999.00	-1.81	999.00	-1.27	0.00
21	1	11	18	226.40	20.30	4.11	26.82	999.00	221.10	19.02	4.41	27.36	218.70	14.78	8.87	28.56	999.00	-1.75	999.00	-1.21	0.00
21	1	11	19	227.80	21.69	6.33	26.03	999.00	223.40	20.40	6.59	26.59	220.90	15.72	8.88	27.85	999.00	-1.82	999.00	-1.25	0.00
21	1	11	20	229.70	22.24	5.49	25.57	999.00	225.70	21.17	5.88	26.13	222.60	15.88	8.85	27.36	999.00	-1.83	999.00	-1.25	0.00
21	1	11	21	230.40	23.76	3.86	25.23	999.00	225.00	23.12	4.27	25.79	220.40	17.55	8.78	27.08	999.00	-1.83	999.00	-1.27	0.00
21	1	11	22	236.70	22.65	7.32	24.56	999.00	232.40	21.46	8.25	25.11	229.10	15.41	11.37	26.41	999.00	-1.82	999.00	-1.26	0.00
21	1	11	23	229.00	18.62	5.22	24.04	999.00	223.50	17.89	5.66	24.60	221.30	14.03	9.80	25.89	999.00	-1.86	999.00	-1.31	0.00
21	1	11	24	252.30	17.10	5.97	23.07	999.00	247.40	15.97	6.64	23.63	244.00	12.24	11.41	24.92	999.00	-1.82	999.00	-1.26	0.00
21	1	12	1	241.50	18.83	4.86	22.41	999.00	236.70	18.09	5.41	22.99	233.70	13.31	10.86	24.26	999.00	-1.87	999.00	-1.29	0.00
21	1	12	2	227.50	15.54	5.29	22.81	999.00	221.70	14.97	4.95	23.38	218.00	12.06	6.85	24.64	999.00	-1.79	999.00	-1.23	0.00
21	1	12	3	236.90	15.57	6.55	22.81	999.00	231.60	15.08	7.05	23.38	225.40	11.06	10.27	24.64	999.00	-1.77	999.00	-1.21	0.00
21	1	12	4	229.20	13.87	5.38	23.27	999.00	223.50	13.05	6.37	23.84	217.50	9.44	10.10	25.06	999.00	-1.77	999.00	-1.21	0.00
21	1	12	5	222.90	14.72	5.29	23.64	999.00	216.50	13.55	5.73	24.20	210.30	9.39	10.81	25.41	999.00	-1.76	999.00	-1.19	0.00
21	1	12	6	215.30	18.28	4.09	23.94	999.00	210.30	16.71	4.98	24.49	205.70	10.64	11.50	25.72	999.00	-1.79	999.00	-1.26	0.00
21	1	12	7	207.40	18.31	5.45	23.95	999.00	201.80	16.62	6.28	24.50	202.30	10.35	13.85	25.75	999.00	-1.81	999.00	-1.25	0.00
21	1	12	8	215.40	17.66	5.24	23.92	999.00	210.10	16.18	6.18	24.47	205.10	9.98	12.11	25.71	999.00	-1.76	999.00	-1.22	0.00
21	1	12	9	215.40	19.43	5.70	24.08	999.00	211.00	18.22	6.43	24.64	209.00	12.53	10.75	25.92	999.00	-1.89	999.00	-1.34	0.00
21	1	12	10	220.30	20.41	5.11	24.08	999.00	216.00	19.35	5.36	24.64	215.80	15.49	8.70	25.92	999.00	-1.91	999.00	-1.35	0.00
21	1	12	11	219.10	21.03	5.47	24.61	999.00	214.00	19.90	5.40	25.16	212.20	14.85	10.67	26.58	999.00	-1.93	999.00	-1.38	0.00
21	1	12	12	227.00	18.68	6.16	25.15	999.00	222.70	17.72	6.59	25.70	220.90	13.81	9.76	27.11	999.00	-1.97	999.00	-1.42	0.00

21	1	12	13	225.70	18.82	5.31	25.80	999.00	220.90	17.92	6.05	26.35	218.10	13.47	10.34	27.71	999.00	-1.89	999.00	-1.33	0.00
21	1	12	14	223.40	17.37	5.26	26.63	999.00	218.20	16.52	5.63	27.17	215.10	12.47	10.48	28.50	999.00	-1.89	999.00	-1.33	0.00
21	1	12	15	215.60	18.49	4.81	27.57	999.00	211.40	17.23	5.53	28.12	210.30	11.36	12.09	29.45	999.00	-1.90	999.00	-1.34	0.00
21	1	12	16	212.20	15.14	4.85	28.49	999.00	207.30	14.05	5.80	29.03	205.60	9.17	11.89	30.30	999.00	-1.77	999.00	-1.23	0.00
21	1	12	17	206.30	13.21	6.18	29.34	999.00	200.10	11.48	7.33	29.87	199.90	7.31	12.94	31.03	999.00	-1.66	999.00	-1.14	0.00
21	1	12	18	207.60	13.43	3.98	29.96	999.00	201.70	12.01	4.84	30.45	197.70	6.16	12.21	31.47	999.00	-1.44	999.00	-0.96	0.00
21	1	12	19	195.20	13.83	3.92	30.43	999.00	190.00	12.17	4.49	30.87	189.00	6.23	13.76	31.79	999.00	-1.34	999.00	-0.91	0.00
21	1	12	20	193.10	13.45	4.22	30.85	999.00	187.60	11.70	5.05	31.26	182.80	6.16	10.83	32.13	999.00	-1.26	999.00	-0.85	0.00
21	1	12	21	196.60	18.36	5.85	31.02	999.00	192.10	16.67	6.36	31.48	190.90	9.64	13.96	32.39	999.00	-1.49	999.00	-1.00	0.00
21	1	12	22	197.60	17.38	4.88	29.95	999.00	191.50	15.80	5.38	30.44	186.40	9.10	12.75	31.51	999.00	-1.60	999.00	-1.11	0.00
21	1	12	23	203.20	19.02	4.17	29.95	999.00	197.80	17.37	4.86	30.44	194.70	8.66	13.77	31.51	999.00	-1.50	999.00	-1.03	0.00
21	1	12	24	199.90	18.76	3.40	29.14	999.00	194.50	16.93	4.18	29.60	193.60	9.04	12.70	30.61	999.00	-1.45	999.00	-0.99	0.00
21	1	13	1	197.10	18.00	3.42	29.25	999.00	191.70	16.27	3.60	29.68	188.60	8.81	12.22	30.69	999.00	-1.44	999.00	-1.01	0.00
21	1	13	2	209.70	16.35	3.07	29.25	999.00	199.10	14.07	3.14	29.68	191.00	6.60	12.03	30.69	999.00	-0.71	999.00	-0.64	0.00
21	1	13	3	219.80	17.69	3.56	31.67	999.00	211.70	15.58	4.12	31.87	204.60	8.34	11.31	32.31	999.00	-0.87	999.00	-0.54	0.00
21	1	13	4	222.10	20.90	3.86	32.85	999.00	216.70	18.56	4.91	33.25	213.40	11.70	9.54	33.81	999.00	-1.12	999.00	-0.67	0.00
21	1	13	5	220.40	21.29	3.75	32.02	999.00	215.20	18.80	4.58	32.46	212.10	11.29	9.30	33.10	999.00	-0.88	999.00	-0.48	0.00
21	1	13	6	214.80	21.40	3.44	31.36	999.00	208.60	18.65	4.34	31.73	206.00	9.51	11.03	32.06	999.00	-0.63	999.00	-0.28	0.00
21	1	13	7	208.00	19.51	3.33	30.39	999.00	201.40	16.94	3.89	30.63	197.30	8.03	12.20	30.79	999.00	-0.52	999.00	-0.25	0.00
21	1	13	8	206.30	20.57	3.06	29.07	999.00	199.80	18.15	3.83	29.30	198.20	9.02	11.69	29.56	999.00	-0.60	999.00	-0.34	0.00
21	1	13	9	210.90	20.39	4.56	29.09	999.00	205.50	17.98	4.74	29.43	202.90	10.69	10.89	30.17	999.00	-1.24	999.00	-0.83	0.00
21	1	13	10	217.10	20.15	5.28	30.47	999.00	210.90	17.93	5.66	30.86	206.70	11.58	12.00	31.94	999.00	-1.73	999.00	-1.30	0.00
21	1	13	11	221.40	23.20	4.93	33.24	999.00	216.20	21.79	5.13	33.71	215.20	16.04	9.35	35.13	999.00	-2.13	999.00	-1.69	0.00
21	1	13	12	221.00	23.66	3.87	35.42	999.00	215.90	22.80	4.20	35.86	213.90	16.37	9.28	37.52	999.00	-2.01	999.00	-1.55	0.00
21	1	13	13	213.40	22.78	4.21	37.67	999.00	209.00	21.30	4.66	38.15	207.30	14.38	10.47	39.65	999.00	-2.04	999.00	-1.58	0.00
21	1	13	14	210.70	23.82	3.76	39.23	999.00	206.50	22.26	4.44	39.63	206.20	14.47	11.35	41.41	999.00	-2.19	999.00	-1.83	0.00
21	1	13	15	211.30	21.20	3.06	40.90	999.00	205.90	20.26	3.86	41.26	202.30	12.49	12.10	43.08	999.00	-1.97	999.00	-1.58	0.00
21	1	13	16	207.00	22.50	3.98	42.47	999.00	202.00	20.52	4.48	42.87	200.70	11.72	11.96	44.23	999.00	-1.42	999.00	-1.01	0.00
21	1	13	17	213.20	19.36	3.37	43.33	999.00	207.90	17.07	3.85	43.69	204.80	8.17	10.99	44.10	999.00	-0.23	999.00	0.06	0.00
21	1	13	18	208.30	20.55	3.42	42.52	999.00	201.10	17.40	4.17	42.72	197.20	7.31	13.36	42.40	999.00	0.07	999.00	0.13	0.00
21	1	13	19	209.40	20.41	3.33	41.21	999.00	205.10	17.73	3.79	41.38	201.80	8.38	11.79	41.11	999.00	0.01	999.00	0.25	0.00
21	1	13	20	213.50	22.23	2.70	40.56	999.00	207.90	19.20	3.61	40.78	206.00	9.07	10.93	40.74	999.00	-0.21	999.00	0.00	0.00
21	1	13	21	216.80	20.07	2.84	40.17	999.00	211.20	17.56	3.21	40.40	205.70	8.81	10.56	40.36	999.00	-0.27	999.00	-0.02	0.00
21	1	13	22	216.60	18.52	2.38	40.10	999.00	210.30	15.60	2.89	40.28	204.80	6.87	11.00	40.18	999.00	0.05	999.00	0.17	0.00
21	1	13	23	224.60	18.72	3.38	40.09	999.00	217.30	16.77	3.90	40.24	208.10	7.97	10.16	39.87	999.00	0.05	999.00	0.33	0.00
21	1	13	24	230.80	17.63	4.30	39.48	999.00	224.50	15.34	5.29	39.74	218.30	8.48	9.17	39.79	999.00	-0.49	999.00	-0.19	0.00
21	1	14	1	232.40	20.12	3.21	39.40	999.00	226.10	17.70	3.98	39.74	218.40	9.95	7.77	39.99	999.00	-0.47	999.00	-0.18	0.00
21	1	14	2	221.50	17.91	3.09	38.92	999.00	214.30	15.61	3.62	39.14	207.40	7.75	10.86	39.32	999.00	-0.39	999.00	-0.17	0.00
21	1	14	3	207.50	16.58	2.95	38.77	999.00	199.10	14.27	3.05	38.94	188.10	6.06	10.03	38.91	999.00	-0.11	999.00	0.07	0.00
21	1	14	4	207.40	17.28	2.41	38.39	999.00	198.20	15.04	1.90	38.47	187.70	6.65	10.91	38.12	999.00	0.47	999.00	0.41	0.00
21	1	14	5	202.40	19.04	1.65	38.10	999.00	193.30	15.94	2.62	37.97	189.60	6.69	11.44	37.76	999.00	0.39	999.00	0.23	0.00
21	1	14	6	206.60	17.78	2.51	37.69	999.00	198.80	14.78	2.84	37.60	191.30	5.33	12.22	37.20	999.00	0.42	999.00	0.41	0.00
21	1	14	7	204.30	18.62	1.69	37.51	999.00	195.60	16.06	1.92	37.52	187.30	6.66	11.57	37.18	999.00	0.30	999.00	0.29	0.00
21	1	14	8	199.30	18.94	2.93	37.27	999.00	190.70	16.36	3.13	37.32	183.90	7.01	11.58	37.21	999.00	-0.16	999.00	-0.14	0.00
21	1	14	9	184.60	16.66	3.18	37.27	999.00	177.70	13.77	3.59	37.32	176.50	5.93	10.24	37.21	999.00	-0.06	999.00	0.25	0.00
21	1	14	10	195.10	15.06	5.52	36.65	999.00	190.20	13.36	6.17	37.28	186.20	7.42	12.73	37.89	999.00	-1.62	999.00	-0.94	0.00

21	1	14	11	187.10	11.38	6.00	36.76	999.00	183.30	10.67	7.12	37.56	185.30	7.36	15.48	38.66	999.00	-2.09	999.00	-1.12	0.00
21	1	14	12	197.40	15.55	5.36	37.73	999.00	192.60	14.72	6.57	38.47	194.70	9.17	13.96	39.95	999.00	-2.41	999.00	-1.76	0.00
21	1	14	13	199.30	14.40	7.95	38.59	999.00	194.70	13.85	8.71	39.25	192.20	8.27	17.40	40.90	999.00	-2.25	999.00	-1.64	0.00
21	1	14	14	188.50	11.89	8.17	39.45	999.00	186.50	11.40	8.47	40.22	184.80	7.11	16.14	41.77	999.00	-2.30	999.00	-1.56	0.00
21	1	14	15	161.00	11.22	9.93	40.65	999.00	156.70	10.88	11.33	41.41	156.90	6.83	19.14	42.78	999.00	-1.97	999.00	-1.28	0.00
21	1	14	16	159.00	14.13	4.33	41.02	999.00	154.10	13.89	4.91	41.63	151.30	7.75	14.84	42.78	999.00	-1.62	999.00	-1.04	0.00
21	1	14	17	166.40	12.04	4.84	40.73	999.00	160.40	10.98	6.03	41.22	153.90	4.47	15.14	41.89	999.00	-0.88	999.00	-0.45	0.00
21	1	14	18	130.30	10.60	2.09	40.63	999.00	116.80	9.24	2.85	40.98	86.60	3.46	10.10	41.03	999.00	0.51	999.00	0.75	0.00
21	1	14	19	119.80	16.58	1.67	41.31	999.00	106.20	15.98	1.48	41.33	96.30	5.20	13.39	39.23	999.00	2.19	999.00	2.28	0.00
21	1	14	20	127.00	18.60	1.10	41.44	999.00	115.60	16.56	1.07	41.15	98.70	5.26	9.97	37.88	999.00	3.53	999.00	3.31	0.00
21	1	14	21	118.50	18.94	2.25	40.97	999.00	106.30	17.16	1.34	40.57	103.30	5.69	12.39	38.26	999.00	2.62	999.00	2.16	0.00
21	1	14	22	127.00	17.76	1.51	40.33	999.00	114.60	16.78	1.25	40.15	106.60	6.39	11.52	37.68	999.00	2.83	999.00	2.68	0.00
21	1	14	23	132.00	19.85	2.33	40.13	999.00	119.00	17.55	2.28	39.94	102.00	6.21	12.13	37.40	999.00	2.57	999.00	2.24	0.00
21	1	14	24	139.50	20.30	2.85	40.66	999.00	129.50	17.64	3.25	40.09	110.80	6.84	10.24	37.62	999.00	3.14	999.00	2.96	0.00
21	1	15	1	142.10	20.55	2.66	40.57	999.00	131.40	18.02	3.97	40.60	124.40	8.83	12.16	39.81	999.00	-0.02	999.00	-0.11	0.00
21	1	15	2	142.60	21.88	3.01	40.93	999.00	131.90	18.49	4.53	40.70	124.00	8.10	11.79	40.47	999.00	0.46	999.00	0.20	0.00
21	1	15	3	145.40	19.98	3.19	40.69	999.00	135.90	17.08	4.26	40.61	129.10	7.75	13.17	40.65	999.00	-0.06	999.00	-0.09	0.00
21	1	15	4	153.50	20.13	2.26	40.69	999.00	142.90	16.79	3.76	40.61	135.60	7.66	12.47	40.65	999.00	0.40	999.00	0.05	0.00
21	1	15	5	151.80	19.46	2.57	40.64	999.00	141.40	15.73	4.52	40.02	132.10	6.22	12.43	39.75	999.00	0.82	999.00	0.30	0.00
21	1	15	6	154.10	19.02	3.03	39.80	999.00	145.10	15.46	5.42	39.49	138.40	7.26	12.40	39.57	999.00	0.06	999.00	-0.18	0.00
21	1	15	7	145.70	15.81	3.88	39.35	999.00	136.30	13.16	5.18	39.25	125.70	5.84	11.18	39.46	999.00	-0.44	999.00	-0.31	0.00
21	1	15	8	154.20	14.00	3.26	38.72	999.00	147.80	11.47	5.11	38.91	140.90	4.85	14.04	39.41	999.00	-0.63	999.00	-0.48	0.00
21	1	15	9	182.20	16.23	5.38	38.31	999.00	177.00	13.94	7.27	38.52	173.10	6.59	15.97	38.74	999.00	-0.41	999.00	-0.14	0.00
21	1	15	10	205.40	14.90	7.53	36.68	999.00	203.10	13.94	7.33	37.17	205.60	8.77	11.86	37.44	999.00	-1.10	999.00	-0.59	0.02
21	1	15	11	213.00	13.49	5.40	32.93	999.00	204.60	11.62	4.80	33.36	200.60	6.06	11.48	34.29	999.00	-1.11	999.00	-0.88	0.02
21	1	15	12	225.10	13.05	4.51	31.79	999.00	218.80	11.77	5.41	32.08	212.90	7.36	10.91	33.00	999.00	-1.30	999.00	-0.96	0.00
21	1	15	13	231.50	9.62	4.35	31.81	999.00	222.70	8.32	5.04	32.08	214.80	5.69	8.73	32.91	999.00	-1.14	999.00	-0.89	0.02
21	1	15	14	207.90	11.29	6.25	32.42	999.00	201.60	10.27	7.31	32.87	199.70	6.09	13.87	34.16	999.00	-1.99	999.00	-1.34	0.00
21	1	15	15	221.40	15.39	4.97	34.27	999.00	216.20	14.66	5.28	34.68	214.50	10.99	8.85	35.92	999.00	-1.39	999.00	-1.00	0.00
21	1	15	16	222.10	19.86	4.90	36.43	999.00	217.50	18.81	5.76	37.08	216.30	13.63	9.31	38.24	999.00	-2.32	999.00	-1.57	0.00
21	1	15	17	222.70	17.19	3.96	36.43	999.00	216.60	15.81	5.07	37.08	211.20	9.74	10.19	38.24	999.00	-1.33	999.00	-0.75	0.00
21	1	15	18	207.80	10.81	2.76	37.30	999.00	198.90	9.51	2.68	37.32	180.40	4.32	5.72	36.73	999.00	1.82	999.00	1.70	0.00
21	1	15	19	186.80	12.88	2.40	37.11	999.00	177.80	11.90	2.02	37.12	165.30	3.15	7.66	34.79	999.00	2.64	999.00	2.49	0.00
21	1	15	20	184.60	15.99	11.29	37.10	999.00	177.60	13.47	13.18	37.10	173.40	5.35	20.24	35.06	999.00	0.68	999.00	0.61	0.00
21	1	15	21	195.20	13.72	2.96	33.47	999.00	182.50	11.34	2.43	33.52	173.40	4.33	10.38	33.94	999.00	0.55	999.00	-0.01	0.00
21	1	15	22	194.60	17.43	2.41	33.21	999.00	191.10	14.79	2.75	32.78	181.80	5.18	10.00	32.16	999.00	1.51	999.00	1.31	0.00
21	1	15	23	175.50	14.63	2.20	32.47	999.00	167.40	12.20	2.14	32.22	157.60	3.74	9.18	31.60	999.00	0.59	999.00	0.54	0.00
21	1	15	24	182.90	18.81	1.95	31.65	999.00	175.00	14.87	2.69	31.22	161.40	4.72	11.49	30.65	999.00	1.22	999.00	0.79	0.00
21	1	16	1	190.10	18.64	1.41	31.88	999.00	183.20	14.80	2.66	31.08	172.60	4.98	8.42	30.35	999.00	2.13	999.00	1.06	0.00
21	1	16	2	198.20	14.24	1.45	31.54	999.00	196.40	10.65	1.95	30.95	204.00	3.30	7.73	30.11	999.00	1.27	999.00	0.73	0.00
21	1	16	3	203.90	13.85	2.92	31.88	999.00	199.80	11.11	2.34	31.26	198.30	2.84	10.13	29.75	999.00	2.26	999.00	1.96	0.00
21	1	16	4	222.80	14.22	1.90	32.20	999.00	216.70	11.67	1.21	31.77	197.30	3.46	11.76	29.70	999.00	2.24	999.00	2.09	0.00
21	1	16	5	228.70	12.87	5.35	31.94	999.00	220.70	10.96	1.95	31.37	176.40	2.71	9.40	29.49	999.00	2.24	999.00	1.77	0.00
21	1	16	6	234.10	8.15	4.22	31.94	999.00	220.40	5.47	5.04	31.37	129.20	1.73	19.45	29.49	999.00	0.40	999.00	0.27	0.00
21	1	16	7	212.20	5.94	8.33	29.57	999.00	189.20	6.47	4.95	29.49	160.00	2.90	18.14	29.26	999.00	0.48	999.00	0.42	0.00
21	1	16	8	214.50	6.46	5.13	29.32	999.00	195.40	8.30	2.53	29.20	182.20	3.03	8.52	28.54	999.00	1.02	999.00	0.74	0.00

21	1	16	9	260.20	9.58	5.80	28.98	999.00	243.40	9.46	3.47	28.73	264.20	3.89	5.04	27.74	999.00	1.24	999.00	0.95	0.00
21	1	16	10	259.90	4.71	12.76	27.42	999.00	253.30	4.62	12.01	27.53	244.20	3.97	18.64	27.86	999.00	-1.44	999.00	-1.04	0.00
21	1	16	11	267.50	6.98	7.76	27.21	999.00	258.90	6.83	8.66	27.59	244.70	5.48	11.55	28.58	999.00	-1.29	999.00	-0.93	0.00
21	1	16	12	276.50	9.96	5.15	27.21	999.00	271.00	9.99	6.35	27.59	263.20	7.80	10.96	28.58	999.00	-1.40	999.00	-1.04	0.00
21	1	16	13	246.70	8.64	8.43	27.26	999.00	242.30	8.04	9.45	27.63	238.30	6.00	12.75	28.90	999.00	-1.90	999.00	-1.50	0.00
21	1	16	14	267.90	10.78	8.12	28.62	999.00	266.50	10.77	7.82	28.96	269.80	9.38	10.38	31.30	999.00	-2.92	999.00	-2.47	0.00
21	1	16	15	256.70	15.56	8.16	29.55	999.00	253.40	14.71	9.60	30.16	249.50	10.60	12.99	32.34	999.00	-2.37	999.00	-1.72	0.00
21	1	16	16	248.40	14.30	7.29	28.94	999.00	242.70	13.57	6.51	29.50	234.70	10.44	10.61	30.94	999.00	-1.84	999.00	-1.28	0.00
21	1	16	17	241.30	18.81	5.71	28.89	999.00	235.70	18.20	5.68	29.45	231.70	13.79	8.73	30.71	999.00	-1.80	999.00	-1.25	0.00
21	1	16	18	246.90	13.05	4.61	28.98	999.00	241.60	11.95	5.23	29.51	236.10	8.26	9.09	30.56	999.00	-1.50	999.00	-0.98	0.00
21	1	16	19	227.80	10.50	5.05	29.14	999.00	222.50	9.28	6.25	29.63	217.90	6.55	7.47	30.57	999.00	-1.51	999.00	-1.01	0.00
21	1	16	20	220.70	13.93	5.87	29.59	999.00	214.10	12.33	6.09	30.06	210.80	7.00	11.39	31.05	999.00	-1.37	999.00	-0.93	0.00
21	1	16	21	231.40	17.20	4.08	30.02	999.00	226.60	15.80	4.96	30.54	220.30	11.55	8.08	31.62	999.00	-1.62	999.00	-1.09	0.00
21	1	16	22	231.00	13.38	5.36	30.17	999.00	224.90	12.04	6.06	30.66	220.20	8.61	8.47	31.72	999.00	-1.53	999.00	-1.04	0.00
21	1	16	23	240.80	11.98	4.40	30.55	999.00	234.60	10.94	4.64	31.05	223.20	7.67	7.58	32.09	999.00	-1.54	999.00	-1.04	0.00
21	1	16	24	233.80	14.75	3.42	30.77	999.00	226.90	12.97	4.47	31.26	219.00	8.85	7.81	32.19	999.00	-1.37	999.00	-0.91	0.00
21	1	17	1	238.40	17.38	4.57	30.77	999.00	233.20	15.90	4.84	31.26	226.70	10.30	8.19	32.19	999.00	-1.42	999.00	-0.95	0.00
21	1	17	2	254.60	16.99	5.55	31.47	999.00	249.20	15.10	6.68	31.94	241.10	9.42	10.01	32.85	999.00	-1.32	999.00	-0.88	0.00
21	1	17	3	255.30	16.17	3.73	32.21	999.00	248.50	14.40	4.47	32.61	240.60	8.40	9.02	33.38	999.00	-1.15	999.00	-0.76	0.00
21	1	17	4	247.40	17.59	4.73	32.79	999.00	242.10	15.39	5.83	33.18	233.40	9.99	9.76	33.95	999.00	-1.28	999.00	-0.85	0.00
21	1	17	5	245.20	17.61	4.93	32.76	999.00	239.70	16.17	5.26	33.23	236.40	10.07	9.99	34.06	999.00	-1.29	999.00	-0.82	0.00
21	1	17	6	248.30	17.89	5.20	32.70	999.00	242.80	16.10	5.68	33.20	237.40	9.32	10.17	34.06	999.00	-1.36	999.00	-0.86	0.00
21	1	17	7	245.20	18.58	5.03	32.47	999.00	239.80	16.87	5.53	32.96	235.40	11.44	9.29	33.84	999.00	-1.36	999.00	-0.87	0.00
21	1	17	8	243.60	16.05	4.36	32.24	999.00	237.70	14.77	4.22	32.72	231.30	9.80	8.16	33.55	999.00	-1.31	999.00	-0.83	0.00
21	1	17	9	247.50	17.59	4.38	32.24	999.00	242.00	15.57	4.81	32.72	235.90	10.10	9.21	33.55	999.00	-1.41	999.00	-0.93	0.00
21	1	17	10	248.90	14.79	4.41	32.10	999.00	243.00	13.44	4.95	32.61	233.10	9.23	8.53	33.67	999.00	-1.63	999.00	-1.13	0.00
21	1	17	11	230.30	16.61	4.96	32.45	999.00	225.00	15.68	5.62	32.99	221.50	12.10	7.85	34.19	999.00	-1.83	999.00	-1.28	0.00
21	1	17	12	236.00	17.41	3.65	33.14	999.00	231.20	17.12	3.95	33.68	225.20	12.73	8.59	35.10	999.00	-1.91	999.00	-1.37	0.00
21	1	17	13	238.60	15.78	4.02	33.87	999.00	235.10	15.39	4.09	34.42	229.70	11.91	8.57	35.91	999.00	-2.14	999.00	-1.63	0.00
21	1	17	14	245.20	13.10	8.47	34.41	999.00	241.20	12.59	8.70	34.95	233.00	9.40	10.12	36.58	999.00	-2.11	999.00	-1.56	0.00
21	1	17	15	240.40	14.83	4.22	34.33	999.00	237.30	14.02	4.81	34.86	232.70	9.56	9.89	36.08	999.00	-1.77	999.00	-1.24	0.00
21	1	17	16	236.90	11.10	4.76	34.37	999.00	233.20	10.90	5.26	34.89	228.00	8.37	8.92	36.11	999.00	-1.71	999.00	-1.18	0.00
21	1	17	17	242.40	13.70	3.31	33.26	999.00	237.70	11.96	3.67	33.68	228.00	6.84	9.55	34.62	999.00	-0.78	999.00	-0.51	0.00
21	1	17	18	236.20	10.26	3.60	31.84	999.00	229.80	8.60	4.61	32.17	218.80	5.02	7.02	32.56	999.00	-0.57	999.00	-0.27	0.04
21	1	17	19	230.10	10.39	2.06	31.60	999.00	223.10	9.13	3.44	31.90	214.90	5.07	8.38	32.23	999.00	-0.63	999.00	-0.36	0.01
21	1	17	20	230.70	13.29	4.03	999.00	999.00	224.70	11.86	4.76	999.00	218.10	8.12	7.93	32.14	999.00	-1.03	999.00	-0.62	0.00
21	1	17	21	245.00	14.71	3.91	30.94	999.00	240.00	13.65	4.32	31.39	235.80	9.07	8.09	32.04	999.00	-1.19	999.00	-0.70	0.01
21	1	17	22	249.30	18.17	3.88	30.38	999.00	245.50	16.72	5.15	30.89	242.60	10.96	9.34	31.82	999.00	-1.56	999.00	-1.05	0.00
21	1	17	23	256.00	14.90	4.81	29.38	999.00	251.10	13.47	5.73	29.90	243.70	8.86	9.74	30.45	999.00	-0.84	999.00	-0.34	0.00
21	1	17	24	252.60	15.29	5.37	29.10	999.00	247.50	13.48	5.53	29.58	242.70	9.08	8.61	29.86	999.00	-0.97	999.00	-0.47	0.00
21	1	18	1	247.00	15.60	4.99	29.04	999.00	242.20	14.54	5.31	29.55	237.00	9.74	8.76	30.08	999.00	-1.03	999.00	-0.49	0.00
21	1	18	2	244.20	15.92	4.55	28.77	999.00	238.00	15.00	4.91	29.30	234.00	10.58	8.75	29.73	999.00	-0.95	999.00	-0.42	0.00
21	1	18	3	245.50	15.15	4.56	999.00	999.00	239.80	14.21	4.53	999.00	233.10	9.98	8.75	29.58	999.00	-1.21	999.00	-0.68	0.00
21	1	18	4	252.40	13.36	5.31	999.00	999.00	247.70	12.49	5.30	999.00	241.60	8.53	9.49	29.58	999.00	-1.29	999.00	-0.79	0.00
21	1	18	5	241.80	16.17	4.60	28.40	999.00	236.60	15.14	5.29	28.92	231.50	10.62	8.24	29.82	999.00	-1.43	999.00	-0.91	0.00
21	1	18	6	249.30	15.00	5.11	28.27	999.00	244.10	13.69	6.25	28.81	240.00	8.95	10.46	29.75	999.00	-1.47	999.00	-0.93	0.00

21	1	18	7	247.10	14.58	5.72	28.33	999.00	241.40	13.50	6.08	28.85	236.00	9.42	9.19	29.81	999.00	-1.53	999.00	-1.00	0.00
21	1	18	8	234.40	13.95	5.14	28.42	999.00	229.10	12.81	5.87	28.95	223.30	9.02	9.82	29.94	999.00	-1.52	999.00	-0.98	0.00
21	1	18	9	244.90	13.73	4.46	28.35	999.00	239.20	12.69	4.99	28.88	233.00	8.55	9.87	29.94	999.00	-1.60	999.00	-1.07	0.00
21	1	18	10	251.40	14.91	4.51	28.78	999.00	247.00	13.41	5.51	29.30	242.60	8.83	9.77	30.42	999.00	-1.70	999.00	-1.18	0.00
21	1	18	11	249.80	13.64	5.41	29.26	999.00	244.80	12.74	6.52	29.79	240.40	9.39	10.48	31.02	999.00	-1.79	999.00	-1.26	0.00
21	1	18	12	254.90	16.04	6.57	30.05	999.00	250.00	15.21	6.55	30.58	243.90	11.37	11.10	31.90	999.00	-1.76	999.00	-1.23	0.00
21	1	18	13	250.40	19.49	4.92	30.55	999.00	245.80	18.29	5.97	31.09	240.40	13.14	11.01	32.21	999.00	-1.54	999.00	-0.98	0.00
21	1	18	14	247.30	20.17	5.36	30.25	999.00	242.50	18.92	5.88	30.80	237.40	13.27	9.90	31.77	999.00	-1.59	999.00	-1.04	0.00
21	1	18	15	241.00	17.20	6.71	30.00	999.00	236.30	16.66	6.86	30.54	230.10	12.54	10.49	31.84	999.00	-1.96	999.00	-1.46	0.00
21	1	18	16	239.90	14.34	6.65	29.87	999.00	236.40	13.61	7.79	30.40	230.70	9.74	9.81	31.59	999.00	-1.54	999.00	-1.01	0.00
21	1	18	17	234.60	17.60	4.33	29.64	999.00	229.60	16.79	4.67	30.19	226.10	12.91	7.99	31.24	999.00	-1.63	999.00	-1.08	0.00
21	1	18	18	236.40	19.07	4.97	29.17	999.00	231.70	18.42	5.11	29.74	226.10	14.12	8.38	30.78	999.00	-1.57	999.00	-1.01	0.00
21	1	18	19	236.90	18.18	4.80	28.74	999.00	231.70	16.96	5.27	29.29	227.40	12.96	8.75	30.34	999.00	-1.55	999.00	-1.00	0.00
21	1	18	20	235.90	18.80	4.54	29.21	999.00	230.70	17.78	4.81	29.75	228.20	12.88	9.17	30.67	999.00	-1.43	999.00	-0.88	0.00
21	1	18	21	237.60	17.27	3.83	28.75	999.00	232.10	15.78	4.49	29.27	229.20	11.64	8.28	30.07	999.00	-1.40	999.00	-0.89	0.00
21	1	18	22	237.70	17.98	5.07	28.58	999.00	232.40	17.16	5.12	29.12	226.60	12.52	8.63	30.09	999.00	-1.55	999.00	-1.00	0.00
21	1	18	23	245.50	16.33	4.83	28.41	999.00	240.30	15.43	5.63	28.96	235.60	10.26	11.04	29.94	999.00	-1.53	999.00	-0.98	0.00
21	1	18	24	242.10	15.70	4.80	28.30	999.00	236.40	14.72	5.20	28.83	231.50	10.79	8.45	29.85	999.00	-1.56	999.00	-1.03	0.00
21	1	19	1	243.90	20.08	6.47	28.62	999.00	238.60	18.47	6.60	29.16	234.20	12.16	9.72	30.15	999.00	-1.39	999.00	-0.86	0.00
21	1	19	2	243.30	18.54	4.80	28.55	999.00	237.80	16.88	5.46	29.06	233.10	11.16	9.53	29.91	999.00	-1.24	999.00	-0.76	0.00
21	1	19	3	244.30	19.27	5.51	28.11	999.00	239.30	17.76	5.80	28.61	234.30	12.22	10.03	29.47	999.00	-1.55	999.00	-1.01	0.00
21	1	19	4	257.40	16.53	4.78	28.11	999.00	250.50	15.10	5.45	28.64	244.60	10.70	9.67	29.64	999.00	-1.48	999.00	-0.99	0.00
21	1	19	5	267.80	15.90	5.50	28.08	999.00	262.00	14.86	6.02	28.59	255.50	9.62	10.99	29.53	999.00	-1.46	999.00	-0.94	0.00
21	1	19	6	262.80	17.51	8.10	27.53	999.00	257.50	16.26	8.13	28.05	250.80	11.11	11.73	29.04	999.00	-1.55	999.00	-1.03	0.00
21	1	19	7	246.00	15.51	5.34	27.03	999.00	239.70	14.28	5.73	27.56	234.30	9.76	10.44	28.60	999.00	-1.61	999.00	-1.07	0.00
21	1	19	8	244.50	16.27	5.21	27.00	999.00	239.60	15.11	5.31	27.54	234.80	10.82	8.62	28.63	999.00	-1.63	999.00	-1.10	0.00
21	1	19	9	246.20	17.38	5.48	26.93	999.00	241.10	16.25	5.97	27.48	236.30	11.64	10.41	28.59	999.00	-1.72	999.00	-1.15	0.00
21	1	19	10	250.40	19.96	5.67	26.58	999.00	245.80	18.94	6.65	27.14	240.80	13.90	10.36	28.43	999.00	-1.90	999.00	-1.34	0.00
21	1	19	11	240.30	18.61	5.12	26.06	999.00	233.90	18.27	5.46	26.59	227.60	14.78	9.12	28.13	999.00	-2.13	999.00	-1.64	0.00
21	1	19	12	232.50	19.21	5.59	26.07	999.00	227.10	18.60	6.58	26.58	222.50	15.34	9.30	28.35	999.00	-2.09	999.00	-1.55	0.00
21	1	19	13	234.50	20.58	4.38	26.07	999.00	229.20	19.74	4.98	26.58	224.50	14.48	9.47	28.35	999.00	-2.08	999.00	-1.53	0.00
21	1	19	14	224.40	19.65	5.46	27.81	999.00	219.80	18.78	6.34	28.32	219.30	14.22	9.68	30.00	999.00	-2.29	999.00	-1.82	0.00
21	1	19	15	227.70	19.56	4.89	28.84	999.00	221.90	18.87	5.34	29.51	217.70	14.40	8.82	31.19	999.00	999.00	999.00	-1.54	0.00
21	1	19	16	231.10	19.01	5.09	30.55	999.00	225.70	17.96	5.38	31.08	221.90	14.18	8.22	32.49	999.00	-1.80	999.00	-1.27	0.00
21	1	19	17	226.90	18.35	3.80	31.40	999.00	220.50	16.83	4.70	31.91	215.60	11.90	9.59	33.05	999.00	-1.54	999.00	-1.05	0.00
21	1	19	18	239.00	17.60	4.20	31.28	999.00	234.00	16.25	4.91	31.77	226.70	11.13	8.73	32.69	999.00	-1.36	999.00	-0.87	0.00
21	1	19	19	242.40	18.06	5.49	31.62	999.00	237.10	16.67	5.67	32.09	229.60	10.98	9.21	32.93	999.00	-1.31	999.00	-0.82	0.00
21	1	19	20	233.90	13.43	5.69	31.11	999.00	229.70	12.43	5.54	31.62	225.20	8.95	9.15	32.56	999.00	-1.42	999.00	-0.93	0.00
21	1	19	21	249.50	10.37	6.03	30.43	999.00	244.60	9.02	6.14	30.93	244.70	5.18	9.89	31.81	999.00	-1.34	999.00	-0.85	0.00
21	1	19	22	252.10	20.45	4.22	28.59	999.00	247.70	19.14	4.78	29.10	245.90	12.67	9.81	30.03	999.00	-1.48	999.00	-0.98	0.00
21	1	19	23	260.00	17.14	5.80	28.59	999.00	253.70	14.75	6.81	29.10	250.10	9.51	10.16	30.03	999.00	-1.36	999.00	-0.92	0.00
21	1	19	24	258.20	12.70	5.97	26.57	999.00	252.90	10.93	6.06	27.00	246.70	5.97	9.88	27.94	999.00	-1.37	999.00	-0.93	0.00
21	1	20	1	256.90	15.99	5.65	26.77	999.00	251.00	13.58	6.16	27.20	245.00	7.84	9.57	28.08	999.00	-1.21	999.00	-0.84	0.00
21	1	20	2	285.70	21.66	7.63	26.77	999.00	278.70	19.91	7.29	27.20	270.40	11.51	10.99	28.08	999.00	-0.71	999.00	-0.30	0.00
21	1	20	3	325.20	22.29	3.97	27.47	999.00	320.90	21.08	5.21	28.01	316.40	13.90	10.63	28.90	999.00	-1.51	999.00	-0.97	0.00
21	1	20	4	328.70	22.32	5.37	25.45	999.00	324.00	21.56	5.39	25.99	322.60	14.94	10.37	26.92	999.00	-1.55	999.00	-1.00	0.00

21	1	20	5	309.90	19.88	6.67	23.50	999.00	305.70	19.46	6.31	24.04	302.60	12.82	10.78	24.99	999.00	-1.36	999.00	-0.83	0.00
21	1	20	6	322.80	22.01	4.83	22.64	999.00	318.50	20.64	5.25	23.15	315.00	13.69	9.50	23.80	999.00	-1.14	999.00	-0.64	0.00
21	1	20	7	320.00	21.26	4.49	21.29	999.00	315.00	20.46	5.63	21.81	311.60	14.04	10.16	22.45	999.00	-1.15	999.00	-0.63	0.00
21	1	20	8	310.90	15.89	5.40	21.12	999.00	306.30	15.10	6.84	21.61	301.40	9.62	9.92	22.12	999.00	-0.91	999.00	-0.44	0.00
21	1	20	9	299.80	9.73	8.70	20.92	999.00	286.70	9.06	9.35	21.31	247.20	5.04	12.93	20.98	999.00	0.02	999.00	0.38	0.00
21	1	20	10	265.20	9.12	9.63	20.70	999.00	245.00	8.21	8.40	20.64	221.10	6.64	8.81	20.97	999.00	-1.02	999.00	-1.13	0.00
21	1	20	11	239.30	8.80	7.24	21.08	999.00	230.10	8.61	8.28	21.42	218.40	6.55	10.39	22.72	999.00	-1.96	999.00	-1.47	0.00
21	1	20	12	229.20	11.71	4.06	22.00	999.00	224.30	11.41	5.48	22.47	221.30	8.90	9.97	24.01	999.00	-2.14	999.00	-1.67	0.00
21	1	20	13	217.20	14.14	5.83	23.01	999.00	211.00	13.57	5.80	23.47	204.10	9.90	11.83	25.16	999.00	-2.14	999.00	-1.67	0.00
21	1	20	14	225.70	17.64	4.23	23.97	999.00	220.60	16.70	4.52	24.48	216.70	12.12	9.17	26.00	999.00	-1.93	999.00	-1.41	0.00
21	1	20	15	233.20	14.92	6.95	24.66	999.00	228.40	14.09	7.54	25.14	223.90	10.72	11.15	26.70	999.00	-1.99	999.00	-1.51	0.00
21	1	20	16	216.20	14.88	5.84	24.65	999.00	211.90	13.92	6.94	25.15	210.30	9.86	10.81	26.61	999.00	-1.87	999.00	-1.35	0.01
21	1	20	17	212.30	15.91	5.50	24.91	999.00	207.10	14.57	5.80	25.43	206.30	9.62	12.09	26.72	999.00	-1.81	999.00	-1.29	0.00
21	1	20	18	220.20	17.11	3.18	24.91	999.00	215.30	14.75	4.56	25.43	210.80	8.67	9.56	26.72	999.00	-1.16	999.00	-0.76	0.00
21	1	20	19	212.00	18.17	3.10	25.13	999.00	206.40	15.95	3.53	25.44	198.60	7.18	11.93	25.77	999.00	-0.27	999.00	-0.01	0.00
21	1	20	20	197.40	21.38	3.09	25.13	999.00	191.20	18.08	3.49	25.24	185.20	7.92	12.04	25.07	999.00	-0.25	999.00	-0.20	0.00
21	1	20	21	197.10	23.09	3.05	24.95	999.00	190.00	19.80	3.58	24.94	186.50	9.38	11.85	25.12	999.00	-0.29	999.00	-0.31	0.00
21	1	20	22	192.20	22.57	3.18	24.94	999.00	185.30	19.10	3.65	24.99	180.50	9.37	10.45	25.28	999.00	-0.32	999.00	-0.30	0.00
21	1	20	23	204.00	24.95	3.91	25.13	999.00	197.70	21.44	4.62	25.23	192.30	10.10	13.77	25.51	999.00	-0.26	999.00	-0.12	0.00
21	1	20	24	205.70	26.66	4.41	26.15	999.00	200.70	23.25	5.51	26.42	197.10	11.68	12.53	26.71	999.00	-0.73	999.00	-0.41	0.00
21	1	21	1	209.70	29.32	4.18	27.74	999.00	204.80	25.96	4.87	28.10	203.20	14.96	11.95	28.57	999.00	-0.78	999.00	-0.42	0.00
21	1	21	2	219.20	30.26	5.03	29.75	999.00	214.50	27.15	6.00	30.09	211.10	17.28	11.16	30.43	999.00	-0.77	999.00	-0.36	0.00
21	1	21	3	215.00	27.76	4.66	30.28	999.00	208.70	24.10	4.90	30.58	204.50	13.42	11.26	30.85	999.00	-0.24	999.00	-0.05	0.00
21	1	21	4	230.40	31.55	5.39	31.35	999.00	225.00	28.89	6.36	31.66	219.80	20.43	8.24	31.85	999.00	-0.83	999.00	-0.42	0.00
21	1	21	5	238.50	29.66	4.13	31.40	999.00	234.00	27.22	4.76	31.83	231.30	18.10	8.93	32.29	999.00	-0.83	999.00	-0.42	0.00
21	1	21	6	238.10	26.91	4.18	31.18	999.00	233.40	24.60	4.49	31.57	229.30	16.53	7.71	31.93	999.00	-0.75	999.00	-0.35	0.00
21	1	21	7	235.70	26.33	4.67	31.61	999.00	230.30	24.08	4.84	31.99	225.80	15.88	8.60	32.27	999.00	-0.59	999.00	-0.19	0.00
21	1	21	8	239.20	27.29	3.26	31.61	999.00	234.50	24.84	3.89	31.99	230.30	15.83	7.93	32.27	999.00	-0.68	999.00	-0.33	0.00
21	1	21	9	236.40	25.00	4.47	31.20	999.00	231.30	22.52	5.04	31.56	226.10	15.37	8.40	31.98	999.00	-0.90	999.00	-0.54	0.00
21	1	21	10	231.80	24.60	4.71	31.70	999.00	226.10	22.35	5.31	32.06	220.40	15.15	8.95	33.02	999.00	-1.46	999.00	-1.12	0.00
21	1	21	11	235.00	24.40	4.49	32.95	999.00	229.70	22.69	4.94	33.34	223.40	16.32	8.46	34.57	999.00	-1.71	999.00	-1.33	0.00
21	1	21	12	228.90	26.80	4.68	34.22	999.00	223.70	25.52	5.25	34.61	221.10	18.78	9.03	36.04	999.00	-1.90	999.00	-1.48	0.00
21	1	21	13	239.00	30.67	5.34	35.96	999.00	235.20	29.22	5.85	36.39	229.90	20.53	9.22	37.89	999.00	-2.00	999.00	-1.57	0.00
21	1	21	14	243.00	32.64	5.37	35.96	999.00	239.30	30.67	5.76	36.39	233.90	21.45	10.11	37.89	999.00	-1.87	999.00	-1.47	0.00
21	1	21	15	239.40	33.76	5.11	39.31	999.00	234.60	32.34	5.53	39.71	230.10	23.58	8.84	41.13	999.00	-1.64	999.00	-1.21	0.00
21	1	21	16	249.40	31.55	5.39	40.44	999.00	244.90	29.37	5.97	40.86	239.60	19.53	10.60	42.14	999.00	-1.69	999.00	-1.26	0.00
21	1	21	17	250.20	30.02	5.42	40.44	999.00	245.80	27.28	6.18	40.86	240.70	18.33	10.67	42.14	999.00	-1.15	999.00	-0.75	0.00
21	1	21	18	254.00	25.84	4.14	40.42	999.00	248.80	22.62	4.96	40.74	243.70	12.84	9.25	40.94	999.00	-0.03	999.00	0.17	0.00
21	1	21	19	268.60	27.44	6.34	39.74	999.00	262.80	24.45	6.49	40.04	257.20	15.69	10.16	40.05	999.00	-0.51	999.00	-0.15	0.00
21	1	21	20	269.40	24.82	4.15	38.65	999.00	264.10	21.58	5.40	38.96	256.80	12.43	9.82	39.09	999.00	-0.40	999.00	-0.16	0.00
21	1	21	21	278.50	26.58	5.27	37.09	999.00	272.60	24.41	5.13	37.28	265.20	14.94	10.94	37.02	999.00	-0.28	999.00	0.03	0.00
21	1	21	22	261.30	22.35	4.54	35.75	999.00	255.20	19.29	5.18	36.08	247.60	11.08	9.50	36.26	999.00	-0.55	999.00	-0.22	0.00
21	1	21	23	251.40	21.61	3.73	34.74	999.00	244.40	18.86	4.30	35.05	235.50	10.13	9.38	35.19	999.00	-0.34	999.00	-0.14	0.00
21	1	21	24	254.70	21.62	3.89	33.75	999.00	248.50	18.30	4.99	33.94	240.50	10.31	9.17	34.02	999.00	-0.59	999.00	-0.36	0.00
21	1	22	1	251.10	20.55	4.60	32.97	999.00	245.40	17.89	5.81	33.33	239.10	10.88	9.80	33.87	999.00	-1.05	999.00	-0.65	0.00
21	1	22	2	256.20	20.33	4.37	32.15	999.00	248.80	18.00	5.29	32.51	239.70	11.44	9.38	33.15	999.00	-0.99	999.00	-0.66	0.00

21	1	22	3	260.40	19.65	5.53	31.98	999.00	253.90	17.34	5.45	32.28	245.40	10.35	10.06	32.84	999.00	-0.84	999.00	-0.46	0.00
21	1	22	4	256.20	18.34	4.30	32.59	999.00	248.80	15.96	5.26	32.99	239.80	9.63	8.46	33.69	999.00	-1.03	999.00	-0.68	0.00
21	1	22	5	249.80	18.97	4.32	32.49	999.00	244.70	17.24	5.10	32.89	237.40	10.08	9.55	33.57	999.00	-1.19	999.00	-0.74	0.00
21	1	22	6	252.00	19.63	3.53	32.39	999.00	246.30	17.68	4.45	32.83	238.70	10.75	8.84	33.60	999.00	-1.12	999.00	-0.70	0.00
21	1	22	7	312.90	18.90	6.13	31.99	999.00	305.80	18.15	6.56	32.44	300.70	10.83	12.41	33.27	999.00	-1.46	999.00	-0.94	0.00
21	1	22	8	300.00	18.30	6.71	31.03	999.00	293.70	17.23	7.37	31.54	289.70	10.92	12.27	32.45	999.00	-1.37	999.00	-0.86	0.00
21	1	22	9	308.50	26.10	4.29	29.16	999.00	303.40	25.17	5.09	29.71	302.00	16.92	10.16	30.78	999.00	-1.68	999.00	-1.12	0.00
21	1	22	10	303.70	20.66	4.76	27.57	999.00	298.60	19.74	5.63	28.12	297.40	12.97	12.34	29.38	999.00	-1.95	999.00	-1.38	0.00
21	1	22	11	291.30	18.27	6.89	27.17	999.00	284.50	17.30	7.30	27.73	279.30	13.01	10.97	29.19	999.00	-2.15	999.00	-1.57	0.00
21	1	22	12	286.30	19.54	7.24	26.68	999.00	280.90	18.79	7.97	27.25	277.10	13.19	12.95	28.81	999.00	-2.14	999.00	-1.58	0.00
21	1	22	13	276.60	17.24	6.62	25.95	999.00	272.10	16.73	6.75	26.50	268.00	11.77	11.59	28.03	999.00	-2.09	999.00	-1.54	0.00
21	1	22	14	282.80	20.69	5.18	25.86	999.00	276.70	20.30	5.62	26.41	273.80	15.35	9.80	27.94	999.00	-2.12	999.00	-1.57	0.00
21	1	22	15	278.60	18.26	7.13	25.96	999.00	271.40	18.08	6.64	26.52	266.80	13.48	10.40	28.03	999.00	-2.01	999.00	-1.46	0.00
21	1	22	16	288.10	20.28	4.93	25.55	999.00	282.70	19.54	4.64	26.11	276.40	14.86	9.32	27.54	999.00	-1.92	999.00	-1.38	0.00
21	1	22	17	296.00	18.84	5.40	25.04	999.00	290.60	18.24	6.12	25.60	287.50	12.47	12.21	26.91	999.00	-1.80	999.00	-1.26	0.00
21	1	22	18	291.70	17.70	7.64	25.04	999.00	285.40	17.22	7.75	25.60	280.30	11.90	11.57	26.91	999.00	-1.64	999.00	-1.12	0.00
21	1	22	19	280.90	18.97	4.09	23.43	999.00	275.40	18.45	4.50	23.97	269.70	13.50	9.28	25.10	999.00	-1.63	999.00	-1.10	0.00
21	1	22	20	291.10	19.59	6.13	22.57	999.00	285.40	18.69	6.96	23.09	279.80	12.75	10.30	24.13	999.00	-1.69	999.00	-1.15	0.00
21	1	22	21	286.90	20.19	4.76	22.57	999.00	281.60	19.52	5.42	23.09	276.20	14.56	9.20	24.13	999.00	-1.67	999.00	-1.14	0.00
21	1	22	22	305.80	18.01	6.83	21.36	999.00	299.10	17.69	7.28	21.90	296.80	12.13	12.82	23.07	999.00	-1.70	999.00	-1.16	0.00
21	1	22	23	322.10	20.04	6.31	20.83	999.00	316.60	19.48	6.81	21.38	313.00	14.07	11.73	22.57	999.00	-1.77	999.00	-1.22	0.00
21	1	22	24	312.00	22.46	4.98	19.82	999.00	306.80	22.31	6.05	20.38	303.30	15.81	10.63	21.61	999.00	-1.78	999.00	-1.23	0.00
21	1	23	1	316.70	20.07	5.14	18.70	999.00	311.50	19.49	6.47	19.25	307.00	14.21	11.44	20.49	999.00	-1.78	999.00	-1.23	0.00
21	1	23	2	324.80	21.15	6.70	17.84	999.00	320.90	20.72	7.34	18.39	320.40	14.96	12.22	19.65	999.00	-1.80	999.00	-1.25	0.00
21	1	23	3	326.30	18.08	6.45	16.98	999.00	322.20	17.12	7.56	17.53	317.50	11.87	12.00	18.77	999.00	-1.84	999.00	-1.29	0.00
21	1	23	4	321.50	17.37	7.14	16.77	999.00	316.40	16.95	7.52	17.32	313.70	12.32	12.60	18.53	999.00	-1.75	999.00	-1.20	0.00
21	1	23	5	323.40	17.21	7.75	16.97	999.00	318.90	16.72	8.25	17.50	316.20	11.21	11.96	18.61	999.00	-1.64	999.00	-1.11	0.00
21	1	23	6	312.10	18.23	5.06	17.29	999.00	306.80	17.94	5.96	17.83	302.20	12.37	10.67	18.85	999.00	-1.49	999.00	-0.95	0.00
21	1	23	7	293.30	10.73	9.82	17.27	999.00	282.70	10.41	8.82	17.72	261.70	6.70	8.51	18.23	999.00	-0.25	999.00	0.10	0.00
21	1	23	8	311.70	11.03	10.55	17.09	999.00	295.40	9.85	13.82	17.34	252.90	5.20	11.57	16.52	999.00	0.76	999.00	0.89	0.00
21	1	23	9	284.20	15.23	3.16	16.62	999.00	268.50	13.90	4.78	16.52	255.70	7.92	9.51	16.55	999.00	-0.63	999.00	-0.98	0.00
21	1	23	10	275.60	9.50	10.01	16.88	999.00	268.20	9.05	10.67	17.13	257.40	7.61	12.28	18.70	999.00	-2.04	999.00	-1.53	0.00
21	1	23	11	306.10	9.24	11.32	18.51	999.00	300.00	9.29	12.25	19.06	298.30	7.86	19.57	21.39	999.00	-3.30	999.00	-2.74	0.00
21	1	23	12	305.00	10.10	9.02	19.19	999.00	301.90	10.46	10.84	19.76	300.40	8.06	14.46	22.66	999.00	-3.43	999.00	-2.89	0.00
21	1	23	13	318.00	8.77	13.64	20.10	999.00	313.00	8.50	15.41	20.72	305.60	7.22	18.85	23.38	999.00	-3.37	999.00	-2.72	0.00
21	1	23	14	315.80	5.83	20.89	21.62	999.00	313.60	5.38	24.23	22.18	322.10	4.45	24.22	24.37	999.00	-3.00	999.00	-2.45	0.00
21	1	23	15	336.40	6.49	13.01	23.06	999.00	334.30	6.71	13.16	23.54	340.20	6.11	12.71	25.29	999.00	-1.95	999.00	-1.36	0.00
21	1	23	16	0.63	2.64	46.16	24.28	999.00	351.50	2.73	24.19	24.85	358.10	2.80	21.47	26.37	999.00	-1.68	999.00	-1.18	0.00
21	1	23	17	79.70	4.45	22.95	25.17	999.00	74.10	4.58	20.32	25.76	70.60	3.26	41.19	26.50	999.00	-1.82	999.00	-1.15	0.00
21	1	23	18	97.10	5.72	7.80	23.66	999.00	91.90	5.85	6.70	24.16	95.60	3.93	10.06	25.27	999.00	-1.45	999.00	-0.93	0.00
21	1	23	19	120.70	6.96	1.89	23.47	999.00	114.90	6.92	3.01	23.98	125.30	3.71	9.62	24.77	999.00	-1.16	999.00	-0.66	0.00
21	1	23	20	132.00	7.26	2.96	23.83	999.00	120.80	7.55	2.02	24.25	121.20	3.07	9.09	24.55	999.00	-0.55	999.00	-0.13	0.00
21	1	23	21	140.10	10.11	1.22	23.42	999.00	130.60	8.07	3.54	23.63	117.40	3.46	12.67	24.08	999.00	-0.98	999.00	-0.74	0.00
21	1	23	22	151.70	12.60	1.74	22.84	999.00	144.80	9.52	4.01	22.64	132.50	3.41	14.51	23.21	999.00	-0.19	999.00	-0.50	0.00
21	1	23	23	152.40	11.90	3.01	23.18	999.00	136.90	9.29	4.60	22.54	129.90	3.61	15.92	23.12	999.00	0.12	999.00	-0.59	0.00
21	1	23	24	164.90	10.41	1.00	24.00	999.00	152.00	11.26	2.21	23.10	145.90	4.12	12.82	23.41	999.00	1.29	999.00	0.39	0.00

21	1	24	1	167.90	11.63	0.78	24.74	999.00	158.50	12.13	1.72	23.80	155.20	4.09	9.87	22.93	999.00	2.01	999.00	1.15	0.00
21	1	24	2	167.50	10.90	0.54	24.87	999.00	161.20	12.22	0.53	24.81	155.60	3.20	9.69	22.47	999.00	2.70	999.00	2.68	0.00
21	1	24	3	162.20	12.87	0.65	24.96	999.00	159.30	12.83	0.77	24.97	142.30	4.08	13.30	22.42	999.00	2.32	999.00	2.20	0.00
21	1	24	4	159.10	15.43	1.02	24.77	999.00	152.20	13.71	1.91	24.05	147.70	4.14	13.80	22.90	999.00	1.94	999.00	1.00	0.00
21	1	24	5	154.40	15.44	1.59	24.77	999.00	145.90	12.40	3.11	24.05	145.20	5.07	14.72	22.90	999.00	0.24	999.00	-0.43	0.00
21	1	24	6	145.50	11.77	4.70	23.28	999.00	137.60	9.39	6.06	22.92	132.90	5.08	13.90	23.67	999.00	-1.09	999.00	-0.99	0.00
21	1	24	7	136.40	12.68	4.81	22.34	999.00	128.60	11.47	6.08	22.62	126.40	6.51	11.99	23.62	999.00	-1.40	999.00	-1.02	0.00
21	1	24	8	129.00	14.34	4.92	22.45	999.00	122.40	13.54	5.17	22.89	123.40	8.99	14.04	24.01	999.00	-1.65	999.00	-1.16	0.00
21	1	24	9	145.40	11.75	7.82	22.70	999.00	140.30	10.70	9.52	23.21	143.80	6.04	18.00	24.40	999.00	-1.74	999.00	-1.22	0.00
21	1	24	10	121.90	13.91	5.88	22.80	999.00	115.20	13.56	6.69	23.34	113.30	8.32	13.60	24.62	999.00	-1.83	999.00	-1.30	0.00
21	1	24	11	118.90	16.39	4.74	23.31	999.00	112.80	16.00	4.71	23.85	116.00	9.47	13.91	25.34	999.00	-2.17	999.00	-1.64	0.00
21	1	24	12	121.80	14.89	4.00	23.90	999.00	113.90	14.90	4.55	24.44	113.80	9.67	11.73	26.20	999.00	-2.44	999.00	-1.90	0.00
21	1	24	13	127.60	11.38	6.89	24.46	999.00	120.90	11.06	7.60	25.02	121.30	6.87	16.32	26.75	999.00	-2.30	999.00	-1.72	0.00
21	1	24	14	111.60	11.60	6.13	25.31	999.00	102.50	11.08	7.77	25.86	101.60	6.66	15.01	27.41	999.00	-2.10	999.00	-1.52	0.00
21	1	24	15	123.60	10.83	5.84	26.00	999.00	117.50	10.25	6.50	26.54	119.50	6.70	14.67	27.95	999.00	-1.89	999.00	-1.34	0.00
21	1	24	16	117.30	14.38	3.24	26.32	999.00	110.20	14.07	3.93	26.86	109.40	8.59	13.80	28.18	999.00	-1.86	999.00	-1.31	0.00
21	1	24	17	129.30	14.92	4.55	26.74	999.00	122.70	14.11	5.51	27.27	123.90	8.35	13.21	28.53	999.00	-1.75	999.00	-1.20	0.00
21	1	24	18	143.70	10.19	6.41	26.83	999.00	138.10	9.64	6.92	27.37	138.90	6.70	12.84	28.52	999.00	-1.68	999.00	-1.14	0.00
21	1	24	19	149.70	8.91	5.15	26.66	999.00	144.10	8.42	6.54	27.20	143.70	4.68	15.12	28.37	999.00	-1.71	999.00	-1.15	0.00
21	1	24	20	132.20	6.22	6.47	26.53	999.00	124.60	5.69	7.59	27.06	121.80	3.40	17.17	28.22	999.00	-1.69	999.00	-1.15	0.00
21	1	24	21	140.70	3.81	8.49	26.36	999.00	131.10	3.45	9.45	26.90	129.90	2.58	16.92	28.04	999.00	-1.67	999.00	-1.14	0.00
21	1	24	22	178.50	4.05	5.14	26.39	999.00	161.30	3.82	5.97	26.86	146.40	2.25	17.18	27.99	999.00	-1.56	999.00	-1.11	0.00
21	1	24	23	264.50	3.31	14.11	26.48	999.00	263.30	2.64	17.41	26.92	268.80	1.03	50.94	27.95	999.00	-1.53	999.00	-1.03	0.00
21	1	24	24	287.80	3.81	5.34	26.58	999.00	286.20	3.32	5.47	27.03	251.30	1.22	14.64	27.93	999.00	-1.33	999.00	-0.85	0.00
21	1	25	1	324.30	3.70	5.02	26.58	999.00	310.40	3.01	4.88	27.05	297.60	0.73	11.25	27.94	999.00	-1.31	999.00	-0.90	0.00
21	1	25	2	329.30	2.82	11.66	26.82	999.00	311.90	2.07	19.14	27.19	0.00	0.00	0.00	28.05	999.00	-1.22	999.00	-0.86	0.00
21	1	25	3	312.40	2.24	19.85	26.95	999.00	286.60	1.74	25.70	27.35	202.40	1.64	11.22	28.14	999.00	-1.15	999.00	-0.70	0.00
21	1	25	4	256.20	2.02	42.64	26.74	999.00	176.80	1.51	54.19	27.13	176.90	1.36	33.73	28.06	999.00	-1.67	999.00	-1.14	0.00
21	1	25	5	318.60	7.80	3.53	27.01	999.00	313.30	7.76	3.94	27.35	303.90	4.65	9.92	28.21	999.00	-1.41	999.00	-0.91	0.00
21	1	25	6	356.60	8.05	10.76	27.06	999.00	352.70	7.32	11.64	27.58	351.80	6.16	13.85	28.64	999.00	-1.69	999.00	-1.16	0.00
21	1	25	7	17.27	7.57	11.57	27.10	999.00	11.56	6.56	12.73	27.62	12.13	5.12	15.31	28.78	999.00	-1.68	999.00	-1.15	0.00
21	1	25	8	55.26	10.89	3.15	27.54	999.00	49.49	10.46	3.77	28.08	49.72	7.04	11.73	29.20	999.00	-1.67	999.00	-1.12	0.00
21	1	25	9	44.12	9.47	8.96	27.56	999.00	37.16	8.95	9.54	28.12	37.89	6.86	11.96	29.28	999.00	-1.75	999.00	-1.20	0.00
21	1	25	10	65.59	9.48	5.51	27.63	999.00	57.66	9.16	5.94	28.17	54.94	6.56	10.97	29.38	999.00	-1.81	999.00	-1.25	0.00
21	1	25	11	67.85	9.07	6.58	28.00	999.00	62.03	8.57	8.63	28.57	68.17	5.99	15.60	29.94	999.00	-2.08	999.00	-1.47	0.00
21	1	25	12	76.20	10.31	5.37	28.20	999.00	69.55	9.98	5.70	28.80	71.70	7.40	14.22	30.34	999.00	-2.02	999.00	-1.45	0.00
21	1	25	13	60.19	8.53	7.15	28.61	999.00	51.86	8.35	7.45	29.19	55.10	7.02	13.50	30.66	999.00	-1.83	999.00	-1.24	0.00
21	1	25	14	55.33	14.17	6.16	28.65	999.00	47.75	14.00	5.53	29.18	46.88	9.93	10.59	30.60	999.00	-1.98	999.00	-1.45	0.00
21	1	25	15	56.69	15.95	4.73	28.63	999.00	50.02	14.69	5.52	29.22	48.33	10.18	11.33	30.70	999.00	-2.06	999.00	-1.46	0.00
21	1	25	16	57.94	17.88	4.80	28.63	999.00	51.37	16.76	5.21	29.22	48.76	10.74	10.97	30.70	999.00	-1.83	999.00	-1.28	0.00
21	1	25	17	60.67	20.67	2.80	29.36	999.00	53.83	19.40	3.85	29.91	52.27	12.03	9.84	31.14	999.00	-1.75	999.00	-1.21	0.00
21	1	25	18	64.23	19.35	2.93	29.87	999.00	56.93	18.09	4.40	30.37	55.82	10.91	10.51	31.49	999.00	-1.53	999.00	-1.05	0.00
21	1	25	19	60.95	22.09	3.24	30.33	999.00	54.14	20.02	4.35	30.84	51.88	12.33	10.17	31.88	999.00	-1.56	999.00	-1.04	0.00
21	1	25	20	63.99	23.36	2.15	30.32	999.00	56.88	21.55	3.16	30.82	55.60	12.17	10.61	31.82	999.00	-1.47	999.00	-0.99	0.00
21	1	25	21	66.24	22.39	2.81	30.42	999.00	59.08	20.26	4.33	30.90	57.46	11.68	10.42	31.91	999.00	-1.48	999.00	-1.01	0.00
21	1	25	22	62.97	23.69	2.29	30.81	999.00	55.61	21.52	3.42	31.25	53.60	11.83	9.79	32.21	999.00	-1.35	999.00	-0.92	0.00

21	1	25	23	68.14	24.53	3.01	31.36	999.00	61.15	22.57	3.96	31.78	59.52	13.51	10.20	32.71	999.00	-1.38	999.00	-0.94	0.00
21	1	25	24	61.90	21.84	2.88	31.39	999.00	52.93	19.24	4.51	31.78	48.06	11.49	10.37	32.71	999.00	-1.29	999.00	-0.96	0.00
21	1	26	1	63.20	23.61	2.44	31.36	999.00	55.67	21.12	3.97	31.74	54.66	11.70	10.51	32.64	999.00	-1.29	999.00	-0.90	0.00
21	1	26	2	65.61	27.65	2.29	32.04	999.00	57.98	24.73	3.88	32.37	56.13	13.75	10.43	33.23	999.00	-1.22	999.00	-0.88	0.00
21	1	26	3	69.33	28.91	2.59	32.24	999.00	61.89	26.06	3.98	32.60	59.83	15.09	9.52	33.45	999.00	-1.23	999.00	-0.87	0.00
21	1	26	4	73.20	27.97	3.05	32.59	999.00	65.68	25.56	3.88	32.89	61.27	15.37	9.97	33.69	999.00	-1.11	999.00	-0.80	0.00
21	1	26	5	68.86	18.99	2.09	32.25	999.00	59.98	19.35	2.63	32.43	55.71	10.10	9.82	32.79	999.00	-0.38	999.00	-0.18	0.01
21	1	26	6	67.21	18.29	2.16	31.54	999.00	59.09	18.11	3.76	31.82	54.94	11.08	10.37	32.10	999.00	-0.77	999.00	-0.43	0.00
21	1	26	7	68.32	13.55	3.49	30.80	999.00	60.32	13.81	5.43	31.23	58.32	10.27	12.25	31.93	999.00	-1.19	999.00	-0.75	0.01
21	1	26	8	73.50	10.87	2.94	30.86	999.00	65.49	12.41	4.01	31.26	64.71	9.37	11.24	32.00	999.00	-1.06	999.00	-0.67	0.00
21	1	26	9	71.30	9.85	2.51	30.90	999.00	62.29	10.99	3.77	31.30	63.92	9.42	10.19	32.17	999.00	-1.66	999.00	-1.30	0.01
21	1	26	10	91.90	5.95	6.37	30.39	999.00	84.30	6.31	8.26	30.73	85.80	4.13	17.58	32.42	999.00	-1.92	999.00	-1.57	0.00
21	1	26	11	3.73	2.69	24.20	30.66	999.00	342.50	3.45	21.44	31.00	321.40	4.99	17.96	32.75	999.00	-2.11	999.00	-1.81	0.00
21	1	26	12	357.60	7.48	4.35	30.66	999.00	347.60	8.74	5.18	31.00	343.40	10.88	7.85	32.75	999.00	-2.93	999.00	-2.55	0.00
21	1	26	13	1.00	6.16	8.40	28.60	999.00	350.80	7.42	7.99	28.90	344.00	10.09	7.86	31.07	999.00	-2.32	999.00	-2.05	0.00
21	1	26	14	358.30	4.40	9.11	28.89	999.00	346.50	5.13	9.58	29.26	345.30	6.90	11.40	31.38	999.00	-2.74	999.00	-2.32	0.00
21	1	26	15	313.90	4.44	10.62	28.92	999.00	304.50	5.01	10.62	29.46	303.90	6.08	14.32	31.80	999.00	-2.90	999.00	-2.40	0.00
21	1	26	16	308.30	6.36	5.15	29.09	999.00	299.20	6.49	5.05	29.58	298.90	5.74	11.60	31.72	999.00	-2.22	999.00	-1.79	0.00
21	1	26	17	292.30	6.21	5.38	29.38	999.00	281.10	6.52	5.08	29.88	271.80	6.91	9.45	31.55	999.00	-2.00	999.00	-1.52	0.00
21	1	26	18	306.10	8.06	5.75	29.76	999.00	293.80	8.49	6.00	30.29	287.30	7.58	10.97	31.58	999.00	-1.81	999.00	-1.26	0.00
21	1	26	19	330.90	8.74	3.84	29.19	999.00	320.70	9.01	4.91	29.81	312.50	8.34	9.69	31.13	999.00	-1.70	999.00	-1.12	0.00
21	1	26	20	326.50	9.23	3.51	29.50	999.00	316.50	9.65	4.43	29.98	308.80	9.31	8.83	31.07	999.00	-1.44	999.00	-1.03	0.00
21	1	26	21	328.00	9.36	2.87	29.70	999.00	317.20	9.60	4.28	30.09	309.10	9.11	8.92	31.13	999.00	-1.46	999.00	-1.07	0.00
21	1	26	22	329.80	11.35	4.81	29.65	999.00	320.80	12.17	5.41	30.06	314.80	11.98	10.01	31.29	999.00	-2.21	999.00	-1.76	0.00
21	1	26	23	337.20	12.16	4.31	28.16	999.00	329.60	13.50	5.33	28.65	327.40	13.94	8.66	30.20	999.00	-2.13	999.00	-1.63	0.00
21	1	26	24	340.70	12.59	3.85	28.16	999.00	334.00	14.36	5.12	28.65	331.20	14.94	8.10	30.20	999.00	-1.78	999.00	-1.29	0.00
21	1	27	1	340.10	10.41	4.29	27.15	999.00	332.70	11.92	5.19	27.65	328.90	12.44	8.08	28.80	999.00	-1.65	999.00	-1.15	0.00
21	1	27	2	334.90	9.74	4.00	26.42	999.00	326.80	11.30	4.76	26.92	324.50	11.41	8.84	28.16	999.00	-1.76	999.00	-1.27	0.00
21	1	27	3	338.90	8.96	5.29	25.80	999.00	331.10	10.29	6.03	26.30	327.30	10.96	8.94	27.50	999.00	-1.64	999.00	-1.14	0.00
21	1	27	4	336.70	9.01	4.01	25.50	999.00	328.10	10.52	4.47	25.99	323.70	10.84	9.62	27.18	999.00	-1.64	999.00	-1.15	0.00
21	1	27	5	334.70	8.25	4.08	25.50	999.00	325.80	9.54	4.94	25.99	318.00	9.01	9.74	27.18	999.00	-1.75	999.00	-1.25	0.00
21	1	27	6	338.20	9.02	4.12	24.43	999.00	331.00	10.61	4.45	24.92	329.50	10.95	7.69	26.18	999.00	-1.80	999.00	-1.31	0.00
21	1	27	7	339.10	6.59	7.88	23.21	999.00	331.90	7.73	8.31	23.72	327.30	8.17	10.42	25.07	999.00	-1.70	999.00	-1.19	0.00
21	1	27	8	5.46	8.78	10.95	22.25	999.00	357.30	10.54	10.51	22.74	357.50	13.18	10.29	23.88	999.00	-1.58	999.00	-1.07	0.00
21	1	27	9	3.11	7.66	12.25	22.04	999.00	356.20	9.10	11.40	22.55	354.20	11.45	14.16	23.82	999.00	-2.17	999.00	-1.66	0.00
21	1	27	10	5.32	7.28	14.06	22.00	999.00	358.70	8.47	14.40	22.44	0.02	11.37	16.07	25.27	999.00	-4.00	999.00	-3.87	0.00
21	1	27	11	347.70	6.69	7.44	22.00	999.00	339.40	7.94	6.94	22.44	334.20	8.74	10.85	25.27	999.00	-2.92	999.00	-2.40	0.00
21	1	27	12	346.10	4.74	10.72	21.25	999.00	341.40	5.54	12.20	21.77	346.60	6.26	16.91	24.74	999.00	-3.81	999.00	-3.28	0.00
21	1	27	13	347.30	5.46	8.25	21.48	999.00	341.50	6.70	8.58	21.96	343.00	7.97	13.17	24.96	999.00	-3.62	999.00	-3.19	0.00
21	1	27	14	345.20	5.30	11.91	22.64	999.00	338.60	6.33	12.39	22.75	331.40	7.60	15.85	26.64	999.00	-4.00	999.00	-3.83	0.00
21	1	27	15	345.30	6.82	6.74	23.49	999.00	339.50	8.42	6.73	23.80	338.20	9.35	9.63	27.69	999.00	999.00	999.00	-4.00	0.00
21	1	27	16	359.20	4.75	13.17	22.61	999.00	353.00	5.77	13.12	22.97	351.20	6.60	17.15	26.42	999.00	-3.42	999.00	-2.95	0.00
21	1	27	17	349.10	6.01	8.40	23.24	999.00	344.10	7.31	7.36	23.69	343.80	7.91	8.55	26.02	999.00	-2.38	999.00	-1.92	0.00
21	1	27	18	0.69	6.68	13.92	24.13	999.00	353.20	7.96	11.16	24.58	351.70	7.61	15.59	25.76	999.00	-1.19	999.00	-0.76	0.00
21	1	27	19	353.00	8.74	5.97	25.05	999.00	348.00	10.76	6.44	25.49	340.30	9.09	8.64	25.85	999.00	-0.81	999.00	-0.38	0.00
21	1	27	20	11.87	8.29	11.19	25.25	999.00	7.90	9.65	11.54	25.67	2.89	10.22	11.02	26.57	999.00	-1.58	999.00	-1.18	0.00

21	1	27	21	341.60	14.84	2.67	24.04	999.00	335.40	19.38	3.67	24.47	332.30	15.01	7.55	25.64	999.00	-1.46	999.00	-1.05	0.00
21	1	27	22	347.90	14.83	2.89	22.52	999.00	342.70	19.30	3.45	22.98	338.10	15.19	6.85	23.83	999.00	-1.19	999.00	-0.71	0.00
21	1	27	23	348.00	13.09	4.28	22.02	999.00	342.80	16.72	5.75	22.48	338.90	12.78	9.14	23.18	999.00	-1.15	999.00	-0.68	0.00
21	1	27	24	348.40	12.99	5.58	21.63	999.00	341.90	16.48	5.75	22.10	336.00	12.34	7.71	22.76	999.00	-1.10	999.00	-0.64	0.00
21	1	28	1	358.50	16.40	4.61	21.73	999.00	354.30	19.65	5.51	22.21	351.30	17.13	7.56	23.09	999.00	-1.68	999.00	-1.20	0.00
21	1	28	2	354.70	16.11	5.75	21.47	999.00	351.00	19.68	6.35	21.96	348.90	15.58	8.19	23.17	999.00	-1.67	999.00	-1.18	0.00
21	1	28	3	345.10	18.31	3.37	20.98	999.00	341.10	22.32	4.22	21.48	337.60	16.68	7.50	22.51	999.00	-1.48	999.00	-1.00	0.00
21	1	28	4	345.90	15.06	4.69	20.06	999.00	341.50	18.00	5.16	20.55	337.00	13.28	8.39	21.56	999.00	-1.33	999.00	-0.84	0.00
21	1	28	5	333.60	17.63	6.06	19.50	999.00	329.10	20.83	6.36	19.99	325.60	14.97	10.13	21.03	999.00	-1.69	999.00	-1.19	0.00
21	1	28	6	337.30	15.08	6.21	18.69	999.00	333.50	16.86	7.08	19.18	331.70	13.08	9.27	20.48	999.00	-1.72	999.00	-1.22	0.00
21	1	28	7	335.30	20.85	5.95	18.39	999.00	331.20	22.68	6.69	18.89	330.40	15.99	9.16	20.14	999.00	-1.75	999.00	-1.26	0.00
21	1	28	8	340.50	21.42	5.20	18.08	999.00	336.10	23.07	6.11	18.59	336.40	17.51	8.68	19.85	999.00	-1.78	999.00	-1.27	0.00
21	1	28	9	335.30	20.17	5.56	17.82	999.00	331.10	21.08	6.46	18.33	331.60	14.85	9.52	19.67	999.00	-1.99	999.00	-1.47	0.00
21	1	28	10	332.90	18.11	6.81	17.73	999.00	328.60	18.69	7.35	18.26	326.80	13.26	11.59	19.97	999.00	-2.52	999.00	-1.97	0.00
21	1	28	11	325.90	14.89	7.65	18.01	999.00	320.60	14.65	8.86	18.58	317.00	11.22	11.75	20.88	999.00	-3.02	999.00	-2.45	0.00
21	1	28	12	317.60	11.97	10.30	18.30	999.00	313.80	11.70	9.77	18.87	313.90	9.39	13.22	21.83	999.00	-3.85	999.00	-3.29	0.00
21	1	28	13	295.20	16.20	6.96	18.35	999.00	289.40	15.53	7.44	18.83	285.60	12.15	14.00	22.28	999.00	-3.84	999.00	-3.39	0.00
21	1	28	14	298.00	16.73	6.96	18.68	999.00	292.40	16.71	7.48	19.24	288.90	12.18	14.14	22.03	999.00	-3.49	999.00	-2.95	0.00
21	1	28	15	299.30	16.91	5.87	19.31	999.00	293.30	16.60	6.80	19.86	290.30	11.82	13.26	22.69	999.00	-3.36	999.00	-2.80	0.00
21	1	28	16	302.30	13.84	8.02	19.82	999.00	296.80	13.86	8.28	20.36	293.10	9.41	13.74	22.70	999.00	-2.60	999.00	-2.06	0.00
21	1	28	17	310.80	15.39	7.48	20.32	999.00	305.20	15.05	8.21	20.86	302.50	10.49	12.51	22.69	999.00	-2.17	999.00	-1.63	0.00
21	1	28	18	309.20	14.84	5.06	20.58	999.00	305.30	14.15	6.40	21.10	304.30	10.13	9.69	22.38	999.00	-1.59	999.00	-1.07	0.00
21	1	28	19	304.20	16.01	3.18	20.37	999.00	298.20	14.61	4.23	20.85	291.10	7.50	11.91	21.21	999.00	-0.16	999.00	0.29	0.00
21	1	28	20	320.70	14.28	4.74	20.07	999.00	314.90	13.08	5.60	20.50	308.50	8.03	10.42	19.74	999.00	0.40	999.00	0.83	0.00
21	1	28	21	321.00	14.09	6.05	20.27	999.00	315.80	13.31	5.86	20.72	308.00	8.25	9.85	20.14	999.00	-0.04	999.00	0.41	0.00
21	1	28	22	316.20	17.36	8.17	20.55	999.00	310.60	16.79	9.63	21.03	304.50	10.99	12.33	21.17	999.00	-0.89	999.00	-0.39	0.00
21	1	28	23	321.70	14.56	8.58	20.63	999.00	316.40	13.86	10.20	21.13	313.50	9.56	13.24	21.70	999.00	-1.12	999.00	-0.60	0.00
21	1	28	24	319.20	14.98	7.93	20.73	999.00	314.30	14.58	8.90	21.23	308.40	10.04	12.68	21.95	999.00	-1.36	999.00	-0.84	0.00
21	1	29	1	327.10	14.81	5.94	20.44	999.00	322.50	14.27	6.36	20.95	316.60	9.27	11.91	21.83	999.00	-1.45	999.00	-0.94	0.00
21	1	29	2	316.10	14.04	6.53	20.24	999.00	311.00	14.08	6.96	20.75	308.60	9.77	13.17	21.62	999.00	-1.39	999.00	-0.87	0.00
21	1	29	3	311.00	13.46	5.95	20.00	999.00	305.20	13.21	7.34	20.52	301.50	8.31	10.57	21.34	999.00	-1.29	999.00	-0.78	0.00
21	1	29	4	318.70	14.43	6.84	19.74	999.00	314.00	13.95	7.30	20.25	310.10	9.06	11.82	20.92	999.00	-1.15	999.00	-0.64	0.00
21	1	29	5	336.40	14.18	4.35	19.74	999.00	331.80	13.63	5.32	20.25	329.50	8.84	8.08	20.92	999.00	-0.94	999.00	-0.45	0.00
21	1	29	6	324.10	12.85	3.25	18.53	999.00	319.20	11.94	3.91	19.00	310.70	6.96	8.86	18.80	999.00	0.07	999.00	0.53	0.00
21	1	29	7	321.70	12.51	5.14	18.26	999.00	315.60	11.29	5.88	18.71	301.10	5.69	9.87	17.96	999.00	0.54	999.00	0.96	0.00
21	1	29	8	304.80	11.36	3.11	17.64	999.00	292.80	11.16	3.46	17.97	258.40	5.19	6.50	16.86	999.00	1.43	999.00	1.65	0.00
21	1	29	9	322.60	12.91	5.12	17.59	999.00	317.30	12.17	6.51	17.97	307.70	8.18	11.38	17.78	999.00	-2.79	999.00	-2.19	0.00
21	1	29	10	331.40	13.85	4.87	17.75	999.00	327.60	13.81	5.60	18.29	325.20	10.13	11.29	20.26	999.00	-2.16	999.00	-1.61	0.00
21	1	29	11	317.80	11.59	9.16	17.75	999.00	313.30	11.73	9.81	18.29	310.80	9.66	14.18	20.26	999.00	-4.00	999.00	-4.00	0.00
21	1	29	12	305.70	11.88	8.38	21.71	999.00	300.30	11.97	9.25	21.71	297.00	9.80	14.15	25.77	999.00	999.00	999.00	-4.00	0.00
21	1	29	13	302.00	11.80	9.54	999.00	999.00	295.20	11.46	11.19	999.00	293.70	9.49	20.80	26.78	999.00	999.00	999.00	-4.00	0.00
21	1	29	14	315.60	11.85	10.85	999.00	999.00	311.40	11.97	11.74	999.00	320.50	9.58	17.42	26.78	999.00	999.00	999.00	-4.00	0.00
21	1	29	15	333.40	9.37	10.89	999.00	999.00	328.50	9.51	12.32	999.00	325.30	8.01	18.58	28.17	999.00	999.00	999.00	-4.00	0.00
21	1	29	16	333.80	9.00	9.55	999.00	999.00	332.20	9.17	9.89	999.00	334.10	8.25	14.49	29.03	999.00	999.00	999.00	-4.00	0.00
21	1	29	17	330.40	7.72	7.43	25.03	999.00	321.70	7.79	8.01	25.12	321.40	6.86	13.78	28.50	999.00	-2.71	999.00	-4.00	0.00
21	1	29	18	343.10	6.69	4.07	23.37	999.00	336.60	6.23	5.26	23.88	334.40	4.32	7.82	25.60	999.00	-1.73	999.00	-0.68	0.00

21	1	29	19	341.30	5.57	2.49	23.51	999.00	333.30	5.23	3.86	23.96	233.80	1.34	21.93	24.26	999.00	-0.46	999.00	3.07	0.00
21	1	29	20	348.40	4.46	5.84	23.81	999.00	340.80	2.94	16.30	24.10	172.10	2.44	7.36	23.65	999.00	0.67	999.00	2.94	0.00
21	1	29	21	199.20	3.51	32.87	22.98	999.00	167.40	4.39	17.94	23.12	181.60	3.74	9.57	22.02	999.00	1.39	999.00	3.18	0.00
21	1	29	22	161.40	5.38	6.96	22.35	999.00	153.70	5.80	5.56	22.39	131.20	1.80	12.41	20.80	999.00	1.14	999.00	4.07	0.00
21	1	29	23	176.00	6.61	3.02	22.01	999.00	165.70	7.80	1.10	22.08	202.90	2.66	8.05	20.96	999.00	1.74	999.00	3.36	0.00
21	1	29	24	184.30	3.08	6.43	22.40	999.00	171.00	4.53	2.55	22.57	173.70	2.20	21.51	20.22	999.00	2.33	999.00	3.97	0.00
21	1	30	1	169.50	4.67	2.51	22.25	999.00	168.70	6.19	2.07	22.27	182.90	3.21	6.25	19.80	999.00	2.73	999.00	3.88	0.00
21	1	30	2	159.90	5.30	4.31	22.04	999.00	162.20	6.89	5.65	21.85	191.10	2.95	7.89	19.24	999.00	2.99	999.00	4.03	0.00
21	1	30	3	150.70	4.65	2.97	22.21	999.00	149.60	6.06	2.51	22.10	174.50	2.30	13.34	18.99	999.00	3.29	999.00	5.02	0.00
21	1	30	4	139.50	7.81	3.04	21.92	999.00	137.60	9.05	3.98	21.94	143.50	2.94	9.41	18.75	999.00	2.90	999.00	4.09	0.00
21	1	30	5	153.60	11.42	1.83	21.08	999.00	148.70	10.91	1.47	20.24	151.30	3.05	15.76	19.37	999.00	1.58	999.00	1.11	0.00
21	1	30	6	150.50	11.41	1.94	21.08	999.00	145.60	10.75	1.83	20.24	155.10	2.97	14.82	19.37	999.00	2.20	999.00	1.94	0.00
21	1	30	7	134.80	13.08	1.44	21.52	999.00	130.20	10.70	2.17	20.33	126.30	4.17	11.37	19.80	999.00	1.34	999.00	0.94	0.00
21	1	30	8	149.20	12.69	4.06	21.59	999.00	145.60	10.74	4.21	20.31	148.40	3.82	19.25	20.30	999.00	1.58	999.00	0.57	0.00
21	1	30	9	164.80	11.62	3.31	20.80	999.00	154.90	8.76	5.68	20.09	155.90	4.37	14.30	20.70	999.00	-1.14	999.00	-1.30	0.00
21	1	30	10	161.90	9.66	7.82	20.67	999.00	153.00	8.92	9.30	20.98	152.20	5.21	15.23	22.26	999.00	-1.88	999.00	-1.84	0.00
21	1	30	11	126.20	9.98	7.30	21.87	999.00	113.60	9.56	7.75	22.34	123.60	6.33	13.58	23.84	999.00	-2.24	999.00	-2.82	0.00
21	1	30	12	118.20	11.41	5.44	22.73	999.00	103.40	11.32	6.07	23.23	105.50	8.34	13.79	25.21	999.00	-2.55	999.00	-3.94	0.00
21	1	30	13	111.90	11.68	5.66	23.58	999.00	96.70	11.35	7.86	24.23	105.10	7.67	16.47	26.55	999.00	-3.10	999.00	-4.00	0.00
21	1	30	14	112.10	7.38	7.55	24.80	999.00	96.60	7.13	8.81	25.43	94.00	5.09	16.59	27.40	999.00	-2.28	999.00	-3.23	0.00
21	1	30	15	87.00	10.31	5.76	25.89	999.00	73.60	10.29	5.15	26.41	76.30	7.29	12.34	28.01	999.00	-2.15	999.00	-3.00	0.00
21	1	30	16	96.10	16.21	2.73	25.77	999.00	83.00	15.99	3.62	26.31	84.00	9.79	13.33	28.15	999.00	-2.40	999.00	-3.02	0.00
21	1	30	17	92.60	19.90	2.65	26.32	999.00	78.50	18.56	3.69	26.83	81.40	10.66	11.40	28.22	999.00	-1.75	999.00	-1.29	0.00
21	1	30	18	98.00	18.19	3.90	27.01	999.00	85.30	16.61	5.63	27.48	87.40	7.91	13.78	28.58	999.00	-1.48	999.00	-0.82	0.00
21	1	30	19	105.40	18.93	3.52	27.76	999.00	92.80	17.73	4.78	28.20	94.90	8.29	14.65	29.14	999.00	-1.31	999.00	-0.63	0.00
21	1	30	20	106.40	19.92	3.32	28.28	999.00	94.10	18.68	4.72	28.72	95.80	8.62	13.93	29.60	999.00	-1.29	999.00	-0.62	0.00
21	1	30	21	101.20	23.70	3.26	28.49	999.00	88.80	21.53	4.38	28.90	92.20	9.82	13.86	29.79	999.00	-1.29	999.00	-0.67	0.00
21	1	30	22	116.20	16.98	2.90	28.65	999.00	106.40	14.71	4.11	29.07	112.30	7.42	13.62	29.99	999.00	-1.28	999.00	-0.71	0.00
21	1	30	23	107.00	17.30	2.13	28.63	999.00	94.20	15.99	3.50	29.02	98.00	6.86	14.51	29.88	999.00	-1.28	999.00	-0.66	0.00
21	1	30	24	106.60	17.46	2.38	28.51	999.00	94.70	16.30	4.12	28.95	98.00	7.56	13.51	29.87	999.00	-1.34	999.00	-0.68	0.00
21	1	31	1	96.10	20.94	2.21	28.52	999.00	81.70	19.21	3.34	28.94	85.40	9.91	12.62	29.86	999.00	-1.33	999.00	-0.77	0.00
21	1	31	2	103.00	21.06	3.71	28.64	999.00	90.40	19.10	5.22	29.08	94.00	9.36	14.08	30.05	999.00	-1.44	999.00	-0.89	0.00
21	1	31	3	106.70	22.64	3.11	26.88	999.00	95.60	21.80	4.74	27.40	101.90	10.97	13.53	28.42	999.00	-1.54	999.00	-1.16	0.00
21	1	31	4	92.00	22.56	3.03	25.47	999.00	79.20	20.96	3.83	26.14	81.80	12.15	11.64	27.15	999.00	-1.76	999.00	-1.04	0.00
21	1	31	5	85.60	26.88	2.78	25.65	999.00	73.00	25.30	3.29	26.44	75.10	14.69	11.22	27.45	999.00	-1.83	999.00	-1.10	0.00
21	1	31	6	84.90	28.31	2.52	25.93	999.00	72.60	25.94	3.52	26.77	76.70	14.27	11.26	27.74	999.00	-1.80	999.00	-0.93	0.00
21	1	31	7	88.40	26.76	2.93	26.45	999.00	76.60	24.62	3.71	27.33	79.30	14.86	11.77	28.26	999.00	-1.86	999.00	-0.98	0.00
21	1	31	8	81.40	28.47	3.58	26.79	999.00	69.82	26.27	4.37	27.74	73.50	14.47	11.56	28.72	999.00	-1.95	999.00	-0.95	0.00
21	1	31	9	80.60	30.33	3.16	26.79	999.00	67.92	28.82	4.06	27.74	71.80	16.27	12.14	28.72	999.00	-2.06	999.00	-1.15	0.00
21	1	31	10	77.80	30.52	3.21	27.97	999.00	65.54	29.27	3.90	28.95	68.66	17.03	10.80	30.06	999.00	-2.10	999.00	-1.37	0.00
21	1	31	11	80.90	31.02	3.87	28.64	999.00	68.87	29.31	4.50	29.60	72.80	16.31	11.48	30.76	999.00	-2.18	999.00	-1.67	0.00
21	1	31	12	80.20	31.09	3.24	29.33	999.00	67.55	29.16	4.20	30.25	69.14	16.61	12.23	31.47	999.00	-2.07	999.00	-1.71	0.00
21	1	31	13	75.50	27.87	4.03	29.98	999.00	63.04	26.55	4.57	30.74	65.70	17.48	11.02	32.04	999.00	-2.06	999.00	-1.88	0.00
21	1	31	14	70.50	31.46	3.66	29.89	999.00	57.37	28.92	5.03	30.58	60.70	19.09	10.11	31.88	999.00	-1.98	999.00	-1.92	0.00
21	1	31	15	67.33	30.62	4.21	29.96	999.00	54.08	27.86	5.55	30.57	58.53	18.54	10.59	31.82	999.00	-1.80	999.00	-1.49	0.00
21	1	31	16	62.76	26.19	5.27	29.77	999.00	50.43	24.83	4.99	30.45	52.85	17.16	10.20	31.60	999.00	-2.02	999.00	-1.43	0.00

21	1	31	17	56.65	25.41	4.55	29.01	999.00	45.27	23.94	5.02	29.93	46.43	16.18	10.51	31.07	999.00	-2.09	999.00	-1.14	0.00
21	1	31	18	54.76	28.18	3.68	28.48	999.00	43.69	26.36	4.62	29.46	42.95	18.63	9.91	30.60	999.00	-2.10	999.00	-1.00	0.00
21	1	31	19	49.37	28.43	5.12	27.89	999.00	39.66	22.95	6.44	28.92	38.26	19.38	9.68	29.99	999.00	-2.13	999.00	-0.98	0.00
21	1	31	20	46.66	28.25	5.70	27.71	999.00	37.39	22.77	6.73	28.74	33.95	21.29	8.82	29.86	999.00	-2.08	999.00	-1.02	0.00
21	1	31	21	40.42	29.53	5.01	27.66	999.00	31.29	23.76	5.78	28.49	29.02	21.47	8.56	29.61	999.00	-1.87	999.00	-1.00	0.00
21	1	31	22	36.83	29.70	3.08	27.03	999.00	27.77	25.15	4.37	27.67	30.34	21.49	8.02	28.83	999.00	-1.78	999.00	-1.03	0.00
21	1	31	23	33.85	31.25	3.03	26.84	999.00	24.46	25.90	4.70	27.41	25.79	21.16	8.64	28.54	999.00	-1.64	999.00	-1.00	0.00
21	1	31	24	34.11	31.86	3.06	26.86	999.00	25.25	26.74	4.84	27.41	28.50	20.93	9.00	28.53	999.00	-1.68	999.00	-1.04	0.00
21	2	1	1	30.52	29.51	3.15	26.56	999.00	22.12	24.69	4.66	27.12	23.85	18.82	9.32	28.24	999.00	-1.70	999.00	-1.02	0.00
21	2	1	2	32.77	28.23	4.11	26.30	999.00	24.56	23.01	5.49	26.89	24.00	17.72	10.07	28.01	999.00	-1.65	999.00	-1.02	0.00
21	2	1	3	26.70	29.04	2.40	26.30	999.00	18.23	25.98	4.00	26.89	18.17	18.67	9.76	28.01	999.00	-1.66	999.00	-1.03	0.00
21	2	1	4	25.17	27.51	4.45	25.78	999.00	16.68	24.46	6.68	26.40	13.83	18.27	10.26	27.56	999.00	-1.75	999.00	-1.09	0.00
21	2	1	5	24.90	26.34	3.30	25.18	999.00	16.00	24.53	4.53	25.80	16.50	16.67	9.85	26.93	999.00	-1.73	999.00	-1.03	0.00
21	2	1	6	27.62	26.32	2.66	25.18	999.00	19.07	23.72	3.87	25.80	18.64	17.04	10.07	26.93	999.00	-1.74	999.00	-1.08	0.00
21	2	1	7	26.63	26.61	2.39	24.65	999.00	18.40	24.52	3.04	25.29	19.30	17.86	9.69	26.42	999.00	-1.74	999.00	-1.10	0.00
21	2	1	8	23.87	26.76	4.10	24.67	999.00	15.09	25.09	5.26	25.35	13.77	17.31	10.04	26.49	999.00	-1.88	999.00	-1.16	0.00
21	2	1	9	23.37	26.28	4.37	24.67	999.00	14.27	24.30	6.08	25.35	10.98	19.25	9.72	26.49	999.00	-1.90	999.00	-1.15	0.00
21	2	1	10	23.48	24.14	6.91	23.35	999.00	14.47	22.17	7.16	24.00	12.51	17.48	10.36	25.29	999.00	-2.04	999.00	-1.13	0.00
21	2	1	11	23.77	25.11	6.01	23.11	999.00	14.44	22.59	7.27	23.76	10.84	17.90	10.58	25.31	999.00	-2.16	999.00	-1.15	0.00
21	2	1	12	21.87	21.37	8.19	23.11	999.00	13.56	19.86	8.47	23.76	7.89	16.37	9.66	25.31	999.00	-2.25	999.00	-1.14	0.00
21	2	1	13	14.29	18.87	9.49	24.29	999.00	4.98	17.92	10.31	24.93	1.33	15.02	9.03	26.59	999.00	-2.19	999.00	-1.16	0.00
21	2	1	14	17.91	20.05	9.85	24.50	999.00	9.49	18.53	9.35	25.12	6.35	15.10	9.39	26.59	999.00	-2.06	999.00	-1.16	0.00
21	2	1	15	8.57	20.05	9.85	24.77	999.00	359.30	18.78	10.71	25.44	356.20	14.76	9.75	26.82	999.00	-2.12	999.00	-1.17	0.00
21	2	1	16	14.41	19.29	9.69	25.02	999.00	6.09	18.52	9.50	25.70	2.52	15.49	8.62	27.06	999.00	-1.96	999.00	-1.11	0.00
21	2	1	17	4.81	24.49	4.07	25.93	999.00	357.90	23.02	5.79	26.59	355.00	15.83	7.32	27.75	999.00	-1.75	999.00	-1.08	0.00
21	2	1	18	4.12	26.34	4.61	25.93	999.00	355.80	24.61	6.43	26.59	351.70	17.40	7.29	27.75	999.00	-1.72	999.00	-1.07	0.00
21	2	1	19	7.99	25.30	8.83	25.67	999.00	359.80	23.30	9.32	26.25	357.00	16.47	10.70	27.16	999.00	-1.05	999.00	-0.85	0.00
21	2	1	20	6.20	24.42	5.83	27.10	999.00	357.70	22.50	7.92	27.57	354.00	16.53	7.96	28.44	999.00	-1.54	999.00	-0.97	0.00
21	2	1	21	0.02	27.01	3.23	27.10	999.00	351.40	25.12	5.65	27.57	346.40	17.47	6.44	28.44	999.00	-1.35	999.00	-0.89	0.00
21	2	1	22	0.06	28.67	2.69	25.98	999.00	351.90	26.99	5.10	26.52	347.40	18.84	6.17	27.43	999.00	-1.47	999.00	-0.93	0.00
21	2	1	23	356.50	27.85	2.62	25.75	999.00	346.40	26.30	3.96	26.35	344.70	19.01	6.34	27.29	999.00	-1.65	999.00	-0.98	0.00
21	2	1	24	359.10	25.96	3.03	25.75	999.00	349.50	24.10	4.79	26.35	345.90	16.88	6.42	27.29	999.00	-1.50	999.00	-0.94	0.00
21	2	2	1	358.90	24.70	2.84	26.34	999.00	349.50	23.18	4.92	26.90	345.50	16.52	5.84	27.78	999.00	-1.43	999.00	-0.91	0.00
21	2	2	2	349.10	21.04	2.61	26.39	999.00	338.50	19.73	4.23	26.92	338.40	13.75	6.82	27.90	999.00	-1.55	999.00	-1.02	0.00
21	2	2	3	350.80	20.44	2.93	26.39	999.00	339.50	19.40	3.54	26.92	337.40	12.87	6.61	27.90	999.00	-1.50	999.00	-0.96	0.00
21	2	2	4	351.70	18.88	4.32	26.18	999.00	340.30	17.74	4.96	26.69	336.90	11.90	7.58	27.62	999.00	-1.39	999.00	-0.94	0.00
21	2	2	5	331.90	19.69	3.29	25.39	999.00	322.90	18.71	3.91	25.92	316.40	13.71	8.26	26.90	999.00	-1.52	999.00	-0.94	0.00
21	2	2	6	333.70	20.63	2.67	24.52	999.00	324.50	19.48	3.48	25.03	318.60	12.87	7.84	25.87	999.00	-1.20	999.00	-0.69	0.00
21	2	2	7	325.70	20.00	4.51	24.23	999.00	316.90	18.58	5.32	24.71	310.30	12.73	8.63	25.54	999.00	-1.38	999.00	-0.84	0.00
21	2	2	8	322.90	22.23	3.70	22.70	999.00	313.80	20.47	4.67	23.17	308.40	13.61	8.95	24.04	999.00	-1.33	999.00	-0.82	0.00
21	2	2	9	329.90	20.65	5.24	21.37	999.00	318.60	19.21	5.63	21.76	309.30	12.58	8.75	22.64	999.00	-1.28	999.00	-1.05	0.00
21	2	2	10	330.20	22.94	3.16	21.36	999.00	320.60	21.12	4.28	21.80	314.60	14.73	7.95	22.95	999.00	-1.57	999.00	-1.13	0.00
21	2	2	11	339.20	21.01	4.34	21.92	999.00	329.00	19.61	4.71	22.33	326.50	13.81	7.92	23.55	999.00	-1.79	999.00	-1.29	0.00
21	2	2	12	340.20	19.81	3.88	21.92	999.00	330.50	19.47	4.07	22.33	330.20	14.44	7.89	23.55	999.00	-2.26	999.00	-1.45	0.00
21	2	2	13	328.30	17.75	5.66	25.26	999.00	319.00	17.04	6.17	25.69	312.70	13.19	9.00	27.67	999.00	-2.78	999.00	-2.35	0.00
21	2	2	14	317.40	16.94	6.67	26.22	999.00	307.70	16.92	7.12	26.72	307.00	13.29	11.80	29.07	999.00	-2.91	999.00	-2.51	0.00

21	2	2	15	321.00	19.63	3.93	27.11	999.00	311.30	18.97	4.79	27.62	306.40	13.99	8.54	29.30	999.00	-2.05	999.00	-1.66	0.00
21	2	2	16	332.60	23.07	3.05	28.20	999.00	322.30	20.53	4.21	28.57	315.50	12.79	8.62	29.83	999.00	-1.54	999.00	-1.21	0.00
21	2	2	17	330.40	20.68	3.09	29.58	999.00	319.70	18.03	4.29	29.67	315.20	11.02	8.67	31.07	999.00	-1.35	999.00	-1.13	0.00
21	2	2	18	324.40	21.88	4.11	29.54	999.00	312.30	19.12	5.38	29.71	304.10	10.85	9.11	30.39	999.00	-0.38	999.00	-0.13	0.00
21	2	2	19	338.50	27.86	1.82	29.30	999.00	328.30	25.05	3.46	29.13	323.00	14.51	8.33	28.71	999.00	0.59	999.00	0.55	0.00
21	2	2	20	337.40	23.59	1.61	28.93	999.00	326.90	21.13	2.30	28.67	315.90	10.56	7.60	27.83	999.00	1.56	999.00	1.54	0.00
21	2	2	21	320.10	21.95	1.00	28.32	999.00	305.70	20.28	2.25	27.80	295.60	8.10	9.92	25.75	999.00	3.24	999.00	2.79	0.00
21	2	2	22	328.00	24.48	2.27	27.39	999.00	311.70	21.80	3.72	26.95	300.10	10.66	9.34	25.44	999.00	1.71	999.00	1.26	0.00
21	2	2	23	335.30	25.80	2.02	27.05	999.00	320.50	22.68	3.87	26.46	305.60	11.48	8.53	25.29	999.00	1.86	999.00	1.44	0.00
21	2	2	24	339.00	25.15	2.19	26.61	999.00	327.20	22.06	3.41	26.39	318.20	12.57	8.41	25.26	999.00	0.61	999.00	0.53	0.00
21	2	3	1	334.40	24.43	1.79	25.85	999.00	322.50	22.25	2.82	25.90	315.80	13.47	7.33	25.42	999.00	0.43	999.00	0.54	0.00
21	2	3	2	329.70	23.13	2.26	25.08	999.00	318.80	20.24	4.16	25.07	309.00	10.84	9.09	24.69	999.00	0.50	999.00	0.57	0.00
21	2	3	3	325.50	20.82	2.96	23.84	999.00	310.90	18.13	4.17	23.68	299.00	9.10	10.26	22.91	999.00	0.60	999.00	0.54	0.00
21	2	3	4	323.10	19.00	4.07	23.00	999.00	309.70	16.43	4.83	22.96	290.60	7.16	8.90	22.13	999.00	1.24	999.00	1.42	0.00
21	2	3	5	308.40	20.09	1.76	21.79	999.00	294.60	17.58	3.19	21.73	281.10	8.49	6.71	20.65	999.00	0.87	999.00	0.93	0.00
21	2	3	6	309.40	18.62	2.95	20.10	999.00	297.00	16.33	4.20	20.26	283.00	8.41	8.06	19.60	999.00	0.25	999.00	0.57	0.00
21	2	3	7	306.50	19.80	2.50	19.26	999.00	293.60	17.54	3.73	19.44	279.60	9.13	7.00	18.97	999.00	0.47	999.00	0.68	0.00
21	2	3	8	310.40	19.03	2.77	18.48	999.00	298.80	16.65	3.57	18.68	287.70	7.49	9.67	18.17	999.00	0.17	999.00	0.48	0.00
21	2	3	9	306.30	16.05	3.07	17.96	999.00	293.80	13.95	4.14	18.23	268.30	6.69	7.50	18.14	999.00	-0.17	999.00	0.11	0.00
21	2	3	10	304.80	15.74	4.06	17.84	999.00	293.30	14.88	4.54	18.32	287.00	9.53	10.30	19.15	999.00	-1.66	999.00	-1.38	0.00
21	2	3	11	303.30	12.84	4.87	18.41	999.00	292.40	12.84	4.70	18.95	287.10	9.59	11.56	20.94	999.00	-2.86	999.00	-2.66	0.00
21	2	3	12	302.40	13.58	5.18	20.24	999.00	293.00	13.29	6.18	20.75	296.80	9.50	11.72	23.28	999.00	-2.92	999.00	-2.86	0.00
21	2	3	13	305.90	10.25	8.40	23.27	999.00	298.20	9.98	8.26	23.74	298.20	7.63	13.02	26.32	999.00	-3.20	999.00	-3.06	0.00
21	2	3	14	303.40	9.78	6.99	25.65	999.00	294.50	9.49	8.19	26.14	299.60	6.96	12.83	28.89	999.00	-3.29	999.00	-3.28	0.00
21	2	3	15	281.30	8.95	7.20	28.07	999.00	271.10	8.63	9.55	28.64	274.00	7.06	14.64	31.44	999.00	-3.48	999.00	-3.04	0.00
21	2	3	16	249.50	9.01	7.52	29.92	999.00	230.30	9.10	6.22	30.50	221.00	7.28	9.64	33.01	999.00	-2.70	999.00	-1.44	0.00
21	2	3	17	246.80	10.85	2.51	29.25	999.00	232.20	10.12	2.31	29.25	220.80	7.75	7.68	30.76	999.00	-1.45	999.00	-0.81	0.00
21	2	3	18	240.60	13.94	3.43	28.49	999.00	225.40	13.15	1.95	28.57	213.90	7.59	6.95	29.49	999.00	0.10	999.00	0.23	0.00
21	2	3	19	249.00	18.11	1.60	28.98	999.00	229.80	16.00	1.64	28.14	217.40	6.60	5.64	26.84	999.00	3.17	999.00	2.25	0.00
21	2	3	20	263.50	20.36	1.95	28.98	999.00	239.90	16.90	1.90	27.37	222.50	6.82	4.59	24.51	999.00	6.22	999.00	3.50	0.00
21	2	3	21	270.80	20.62	1.74	29.71	999.00	244.90	17.58	1.74	27.28	226.70	7.13	5.04	23.21	999.00	7.00	999.00	4.46	0.00
21	2	3	22	278.60	15.72	2.05	29.73	999.00	247.20	16.17	2.46	26.95	217.80	4.74	7.95	22.10	999.00	7.92	999.00	5.11	0.00
21	2	3	23	272.60	16.04	2.26	29.11	999.00	250.50	19.06	2.64	26.35	226.90	7.55	3.75	21.23	999.00	7.98	999.00	6.12	0.00
21	2	3	24	274.20	21.21	2.77	27.76	999.00	250.10	18.97	3.26	25.18	225.50	6.95	6.24	19.76	999.00	7.84	999.00	3.80	0.00
21	2	4	1	291.90	16.82	1.11	27.38	999.00	258.30	13.95	3.89	24.00	198.80	3.92	8.35	19.65	999.00	7.99	999.00	5.57	0.00
21	2	4	2	271.90	15.21	3.16	26.33	999.00	236.10	13.98	2.41	22.89	189.70	4.49	12.38	18.47	999.00	7.87	999.00	4.53	0.00
21	2	4	3	267.10	15.83	1.61	25.61	999.00	234.50	14.63	2.29	22.28	195.00	5.20	11.38	17.66	999.00	7.99	999.00	4.35	0.00
21	2	4	4	270.20	8.79	3.58	25.11	999.00	228.40	9.85	3.82	21.33	172.30	4.32	11.93	17.52	999.00	7.98	999.00	4.93	0.00
21	2	4	5	232.90	8.07	2.94	24.92	999.00	212.60	11.63	1.38	22.81	193.40	4.69	11.36	17.15	999.00	7.28	999.00	4.95	0.00
21	2	4	6	232.30	7.25	2.57	24.52	999.00	222.40	9.38	3.11	22.90	179.60	4.80	8.28	17.03	999.00	7.99	999.00	7.63	0.00
21	2	4	7	215.60	10.41	1.87	24.50	999.00	202.20	13.41	2.00	23.06	186.00	4.92	12.14	16.54	999.00	7.82	999.00	4.50	0.00
21	2	4	8	184.40	13.03	1.39	24.89	999.00	176.90	13.52	1.62	22.37	165.80	4.86	14.12	17.02	999.00	7.76	999.00	5.46	0.00
21	2	4	9	184.50	20.10	1.54	24.75	999.00	172.90	13.85	4.31	20.17	165.70	5.81	12.57	17.64	999.00	5.68	999.00	0.33	0.00
21	2	4	10	182.30	17.90	3.38	20.59	999.00	168.30	14.50	4.24	18.66	167.20	7.21	13.52	19.06	999.00	-1.08	999.00	-0.53	0.00
21	2	4	11	182.90	15.23	6.49	20.17	999.00	171.20	12.13	7.24	20.39	174.20	8.50	12.15	22.69	999.00	-3.38	999.00	-1.32	0.00
21	2	4	12	183.40	12.22	6.12	24.06	999.00	172.00	11.87	6.48	24.56	174.10	8.00	14.80	27.33	999.00	-3.27	999.00	-1.27	0.00

21	2	4	13	172.30	15.32	4.61	26.21	999.00	166.00	14.13	5.05	26.74	169.50	7.90	14.70	29.14	999.00	-2.50	999.00	-1.38	0.00
21	2	4	14	161.70	15.13	6.39	27.63	999.00	152.50	14.47	6.14	28.14	152.30	8.37	14.10	30.09	999.00	-2.31	999.00	-1.36	0.00
21	2	4	15	149.10	18.11	6.29	28.97	999.00	139.40	16.71	6.58	29.47	136.80	10.00	14.22	31.12	999.00	-2.02	999.00	-1.27	0.00
21	2	4	16	158.20	13.18	5.04	30.29	999.00	149.50	12.24	5.64	30.74	149.60	6.66	14.29	32.02	999.00	-1.53	999.00	-0.96	0.00
21	2	4	17	145.40	14.33	6.01	31.58	999.00	133.10	12.24	6.03	31.82	122.90	6.22	11.95	32.51	999.00	-0.81	999.00	-0.60	0.00
21	2	4	18	156.90	20.75	4.57	32.70	999.00	147.00	17.86	5.63	32.95	145.80	8.47	14.68	33.48	999.00	-0.73	999.00	-0.54	0.00
21	2	4	19	165.60	23.36	5.36	31.42	999.00	156.20	20.94	5.96	31.87	154.10	10.21	14.60	32.55	999.00	-1.39	999.00	-0.77	0.00
21	2	4	20	149.20	24.01	5.86	28.91	999.00	140.70	21.81	6.47	30.14	139.80	11.76	13.24	30.86	999.00	-1.98	999.00	-0.81	0.00
21	2	4	21	147.20	22.17	5.64	29.45	999.00	138.40	20.53	6.50	31.04	138.50	12.21	13.42	31.71	999.00	-2.47	999.00	-0.84	0.05
21	2	4	22	163.90	23.35	5.20	28.77	999.00	153.60	20.93	6.08	32.13	153.00	10.56	14.42	32.43	999.00	-3.83	999.00	-0.18	0.00
21	2	4	23	182.10	31.29	4.70	30.34	999.00	172.30	28.42	5.28	33.55	173.50	15.72	13.27	33.82	999.00	-3.37	999.00	-1.00	0.00
21	2	4	24	192.70	30.07	4.77	31.23	999.00	183.40	27.96	5.36	33.91	183.40	15.94	12.47	34.27	999.00	-2.95	999.00	-1.13	0.01
21	2	5	1	204.50	30.11	5.23	31.84	999.00	194.00	27.51	5.70	34.38	192.60	14.87	13.63	34.56	999.00	-2.68	999.00	-1.29	0.00
21	2	5	2	235.50	44.19	4.48	29.65	999.00	224.90	42.27	4.35	31.92	226.60	31.63	7.86	32.61	999.00	-2.23	999.00	-2.41	0.00
21	2	5	3	237.40	41.86	4.25	27.87	999.00	226.60	40.25	4.01	28.83	227.60	31.09	7.73	29.85	999.00	-2.03	999.00	-1.52	0.00
21	2	5	4	239.90	42.89	4.61	24.60	999.00	228.80	41.32	4.26	25.36	230.10	30.56	8.43	26.45	999.00	-1.89	999.00	-1.11	0.00
21	2	5	5	236.60	40.54	4.53	23.00	999.00	225.90	38.87	4.06	23.66	228.80	29.51	7.68	24.82	999.00	-2.03	999.00	-1.26	0.00
21	2	5	6	236.70	39.97	4.35	20.34	999.00	226.00	38.23	4.26	20.95	227.70	28.65	8.20	22.22	999.00	-1.95	999.00	-1.26	0.00
21	2	5	7	240.00	40.27	5.06	18.51	999.00	229.30	38.69	4.88	19.06	231.10	28.67	8.19	20.19	999.00	-1.79	999.00	-1.21	0.00
21	2	5	8	237.30	35.13	4.20	16.86	999.00	226.90	33.97	4.20	17.43	228.40	24.92	8.27	18.71	999.00	-1.85	999.00	-1.27	0.00
21	2	5	9	237.60	32.42	4.64	15.65	999.00	227.50	31.05	4.48	16.22	229.30	23.02	8.48	17.51	999.00	-1.95	999.00	-1.27	0.00
21	2	5	10	236.00	30.67	4.51	14.95	999.00	225.90	29.86	4.54	15.52	226.90	22.69	7.68	17.07	999.00	-2.20	999.00	-1.41	0.00
21	2	5	11	240.60	34.47	5.53	15.18	999.00	229.60	33.26	5.48	15.75	231.20	24.81	8.58	17.54	999.00	-2.54	999.00	-1.46	0.00
21	2	5	12	240.60	34.00	4.58	15.60	999.00	230.00	32.94	4.20	16.16	233.30	24.69	8.80	18.17	999.00	-2.56	999.00	-1.52	0.00
21	2	5	13	243.90	36.84	4.70	16.51	999.00	232.70	35.04	4.69	17.07	235.10	25.04	9.13	19.31	999.00	-2.54	999.00	-1.48	0.00
21	2	5	14	239.30	34.51	4.87	17.31	999.00	229.70	33.65	4.35	17.85	233.70	26.18	8.21	20.15	999.00	-2.77	999.00	-1.64	0.00
21	2	5	15	240.30	34.37	4.87	18.49	999.00	229.10	33.17	4.34	19.06	231.20	25.28	8.46	21.69	999.00	-3.05	999.00	-1.57	0.00
21	2	5	16	233.50	32.77	4.83	19.81	999.00	223.60	31.18	4.92	20.35	223.30	22.84	8.60	22.43	999.00	-2.24	999.00	-1.29	0.00
21	2	5	17	235.10	33.84	4.89	20.79	999.00	225.20	32.53	4.29	21.32	227.10	24.83	8.00	23.19	999.00	-2.35	999.00	-1.20	0.00
21	2	5	18	242.10	29.72	4.78	20.79	999.00	231.20	28.27	4.50	21.32	234.00	20.42	8.74	23.19	999.00	-1.48	999.00	-0.78	0.00
21	2	5	19	238.40	27.18	4.58	20.35	999.00	226.70	25.27	4.31	20.75	226.80	17.19	7.92	21.29	999.00	-0.77	999.00	-0.56	0.00
21	2	5	20	239.70	24.15	3.81	19.45	999.00	228.40	21.95	3.61	19.80	228.80	15.36	7.65	20.19	999.00	-0.74	999.00	-0.57	0.00
21	2	5	21	229.20	23.93	3.57	18.48	999.00	216.90	20.79	3.63	18.65	213.30	10.66	9.67	18.70	999.00	0.21	999.00	0.07	0.00
21	2	5	22	245.80	26.42	5.20	18.24	999.00	234.40	24.09	5.21	18.54	235.70	15.75	8.45	18.76	999.00	-0.95	999.00	-0.68	0.00
21	2	5	23	249.10	24.03	4.84	17.16	999.00	236.70	22.03	5.09	17.56	237.60	14.69	8.58	18.03	999.00	-0.81	999.00	-0.65	0.00
21	2	5	24	249.20	21.49	4.88	17.16	999.00	237.00	19.38	5.30	17.56	237.70	11.88	8.86	18.03	999.00	-0.78	999.00	-0.69	0.00
21	2	6	1	254.80	18.45	4.28	14.93	999.00	243.50	16.71	5.07	15.33	245.60	9.97	9.55	15.63	999.00	-0.51	999.00	-0.42	0.00
21	2	6	2	242.10	18.23	4.92	13.40	999.00	229.00	16.08	5.17	13.76	223.60	10.70	8.93	14.02	999.00	-0.68	999.00	-0.64	0.00
21	2	6	3	239.30	25.05	4.47	12.25	999.00	227.80	23.39	4.41	12.59	225.60	17.15	8.08	12.97	999.00	-1.07	999.00	-1.00	0.00
21	2	6	4	246.00	20.85	4.93	11.15	999.00	234.10	19.20	5.07	11.60	235.50	13.35	8.55	12.33	999.00	-1.07	999.00	-0.85	0.00
21	2	6	5	230.40	21.70	4.70	10.16	999.00	219.70	19.62	4.63	10.56	219.60	12.89	8.64	11.15	999.00	-0.87	999.00	-0.69	0.00
21	2	6	6	226.10	24.01	3.09	8.82	999.00	215.80	21.55	4.18	9.11	215.80	13.68	9.63	9.65	999.00	-0.89	999.00	-0.73	0.00
21	2	6	7	232.30	23.42	4.12	8.08	999.00	221.20	21.10	4.68	8.42	219.60	14.19	8.74	9.16	999.00	-1.26	999.00	-0.99	0.00
21	2	6	8	231.40	24.47	4.96	8.08	999.00	220.80	22.47	4.70	8.54	221.10	16.60	8.04	9.55	999.00	-1.66	999.00	-1.23	0.00
21	2	6	9	237.00	21.85	4.46	8.22	999.00	226.40	20.32	4.51	8.74	225.20	14.93	8.71	9.96	999.00	-1.81	999.00	-1.35	0.00
21	2	6	10	231.90	20.82	4.66	8.10	999.00	222.00	19.94	4.44	8.66	223.00	15.64	8.35	10.18	999.00	-2.29	999.00	-1.61	0.00

21	2	6	11	235.20	19.98	4.53	8.64	999.00	224.30	19.21	4.11	9.30	224.30	15.66	7.74	11.46	999.00	-2.80	999.00	-1.80	0.00
21	2	6	12	231.90	21.29	5.28	9.93	999.00	221.40	20.79	5.09	10.55	224.40	16.82	8.32	12.86	999.00	-2.97	999.00	-2.01	0.00
21	2	6	13	231.30	19.49	5.58	10.76	999.00	221.60	18.82	5.91	11.35	226.00	15.12	8.63	13.91	999.00	-3.09	999.00	-1.90	0.00
21	2	6	14	231.50	17.50	4.90	11.28	999.00	222.80	17.43	4.50	11.89	227.30	14.18	8.53	14.48	999.00	-3.21	999.00	-2.12	0.00
21	2	6	15	216.40	16.25	4.79	12.43	999.00	206.50	15.76	4.79	13.08	207.40	11.94	11.38	15.86	999.00	-3.64	999.00	-2.35	0.00
21	2	6	16	220.90	15.16	5.93	13.31	999.00	211.50	14.58	6.53	14.00	218.00	11.06	10.05	16.70	999.00	-3.26	999.00	-1.92	0.00
21	2	6	17	222.90	16.21	3.19	14.10	999.00	214.20	15.11	3.80	14.71	214.80	10.70	9.64	16.81	999.00	-2.33	999.00	-1.38	0.00
21	2	6	18	234.30	16.06	2.16	14.12	999.00	224.40	14.48	2.71	14.53	225.90	9.81	6.36	15.66	999.00	-1.20	999.00	-0.82	0.00
21	2	6	19	224.80	13.85	3.31	14.11	999.00	212.50	12.44	3.35	14.39	207.70	6.40	10.97	15.00	999.00	-0.63	999.00	-0.46	0.00
21	2	6	20	208.60	12.75	3.93	14.16	999.00	195.30	11.01	4.68	14.37	185.80	5.18	10.93	14.96	999.00	-0.83	999.00	-0.59	0.00
21	2	6	21	214.00	13.43	2.19	14.85	999.00	206.70	12.40	3.38	14.75	189.60	4.70	12.68	14.71	999.00	0.83	999.00	0.51	0.00
21	2	6	22	223.20	12.48	4.84	15.78	999.00	210.60	10.90	7.91	15.67	205.00	4.90	15.95	15.00	999.00	0.17	999.00	-0.57	0.00
21	2	6	23	246.10	14.46	2.22	15.10	999.00	233.60	11.18	4.34	14.95	231.70	5.99	8.35	15.53	999.00	-0.08	999.00	-0.36	0.00
21	2	6	24	261.20	12.28	6.13	15.18	999.00	247.30	10.35	5.71	15.40	247.10	5.86	9.73	16.19	999.00	-1.09	999.00	-0.74	0.00
21	2	7	1	217.00	11.31	8.29	15.57	999.00	204.60	9.50	11.29	15.81	210.10	5.11	18.21	16.69	999.00	-1.06	999.00	-0.93	0.00
21	2	7	2	275.60	14.37	4.97	15.07	999.00	262.90	13.27	5.52	15.54	260.90	8.90	10.57	16.63	999.00	-1.73	999.00	-1.14	0.00
21	2	7	3	253.00	11.49	6.79	13.69	999.00	239.60	10.75	7.56	14.27	241.50	7.37	10.32	15.40	999.00	-1.79	999.00	-1.16	0.00
21	2	7	4	263.30	14.74	5.11	13.20	999.00	250.70	13.24	5.66	13.80	250.90	8.57	10.10	14.90	999.00	-1.63	999.00	-1.00	0.00
21	2	7	5	260.40	18.42	2.63	13.20	999.00	245.30	16.44	3.39	13.80	244.00	9.11	8.44	14.90	999.00	-0.56	999.00	-0.26	0.00
21	2	7	6	263.90	18.76	2.36	11.37	999.00	246.90	16.19	3.31	11.54	242.40	8.39	8.50	11.70	999.00	-0.12	999.00	0.03	0.00
21	2	7	7	266.60	18.51	2.02	10.10	999.00	247.70	15.62	3.31	10.02	237.90	7.27	8.05	9.93	999.00	0.27	999.00	0.09	0.00
21	2	7	8	265.70	19.33	1.70	8.99	999.00	245.50	16.31	2.59	8.56	238.40	8.30	7.36	8.42	999.00	0.70	999.00	0.12	0.00
21	2	7	9	263.90	18.57	3.42	7.76	999.00	246.00	16.07	4.44	7.43	239.90	8.94	9.15	7.78	999.00	-0.71	999.00	-0.89	0.00
21	2	7	10	267.90	15.10	5.24	7.48	999.00	253.50	13.18	6.90	7.88	253.70	8.22	12.85	9.50	999.00	-2.40	999.00	-2.00	0.00
21	2	7	11	271.60	13.11	7.55	8.58	999.00	258.80	11.41	8.49	9.09	261.00	8.30	11.03	11.40	999.00	-3.11	999.00	-2.45	0.00
21	2	7	12	254.00	11.03	9.54	10.84	999.00	238.10	10.91	8.61	11.43	236.50	9.29	12.06	14.13	999.00	-3.43	999.00	-1.95	0.00
21	2	7	13	296.80	10.88	11.15	11.60	999.00	290.00	10.39	9.25	12.14	291.40	7.91	13.24	14.42	999.00	-2.67	999.00	-2.47	0.00
21	2	7	14	274.90	11.28	8.08	12.00	999.00	265.30	10.85	8.91	12.53	268.80	8.08	9.95	14.69	999.00	-2.86	999.00	-2.67	0.00
21	2	7	15	256.70	12.72	9.20	12.81	999.00	243.80	12.44	8.78	13.39	243.60	9.96	10.65	16.10	999.00	-3.39	999.00	-2.32	0.00
21	2	7	16	245.60	14.86	5.24	12.69	999.00	234.30	14.63	4.29	13.32	233.40	11.87	8.87	15.86	999.00	-3.05	999.00	-1.85	0.00
21	2	7	17	236.60	14.76	3.46	12.01	999.00	224.80	14.53	2.80	12.57	221.90	11.21	7.69	14.72	999.00	-2.38	999.00	-1.46	0.00
21	2	7	18	223.40	15.07	6.02	11.61	999.00	212.00	13.93	6.34	12.07	212.70	8.65	10.86	13.43	999.00	-1.39	999.00	-0.93	0.00
21	2	7	19	228.40	17.05	2.04	9.39	999.00	216.40	15.33	2.89	9.70	214.60	8.84	8.65	10.42	999.00	-1.03	999.00	-0.80	0.00
21	2	7	20	234.30	16.08	4.17	8.87	999.00	221.10	14.00	4.38	9.03	218.50	8.74	9.06	9.83	999.00	-1.04	999.00	-0.94	0.00
21	2	7	21	235.40	17.93	3.73	8.28	999.00	223.70	16.28	4.03	8.63	221.90	11.51	7.78	9.60	999.00	-1.46	999.00	-1.10	0.00
21	2	7	22	240.40	14.42	3.53	8.43	999.00	228.10	13.06	3.81	8.85	224.80	9.84	8.21	9.88	999.00	-1.47	999.00	-1.13	0.00
21	2	7	23	239.90	13.61	4.24	8.49	999.00	228.80	12.29	3.97	8.97	226.40	8.75	7.71	10.03	999.00	-1.44	999.00	-0.99	0.00
21	2	7	24	244.80	12.81	5.10	8.40	999.00	231.30	11.28	5.35	8.86	229.70	8.44	9.47	9.89	999.00	-1.41	999.00	-0.98	0.00
21	2	8	1	244.50	11.10	4.29	8.22	999.00	231.10	9.49	4.61	8.55	220.60	6.64	7.80	9.32	999.00	-0.96	999.00	-0.65	0.00
21	2	8	2	251.80	11.06	2.00	8.41	999.00	229.00	9.88	1.93	8.32	210.60	4.82	8.92	8.54	999.00	0.12	999.00	-0.12	0.00
21	2	8	3	270.90	10.71	4.91	8.72	999.00	244.00	10.22	5.40	8.17	237.80	6.16	9.30	8.65	999.00	0.10	999.00	-0.59	0.00
21	2	8	4	273.90	8.94	3.48	9.11	999.00	245.40	8.39	4.06	8.70	241.60	5.42	7.94	9.32	999.00	-0.51	999.00	-0.79	0.00
21	2	8	5	227.90	7.55	4.23	8.31	999.00	205.10	8.22	4.26	8.28	190.60	4.14	13.91	9.23	999.00	-0.58	999.00	-0.75	0.00
21	2	8	6	241.90	7.39	4.22	8.37	999.00	222.80	8.23	5.04	8.12	212.40	5.73	9.50	8.65	999.00	-0.22	999.00	-0.88	0.00
21	2	8	7	242.40	5.78	5.15	8.37	999.00	224.60	5.79	5.93	8.12	220.30	5.11	8.84	8.65	999.00	-0.92	999.00	-1.10	0.00
21	2	8	8	230.90	5.40	6.94	9.06	999.00	222.90	5.76	9.02	8.70	217.10	4.73	13.72	9.67	999.00	-0.40	999.00	-0.95	0.00

21	2	8	9	208.80	6.39	4.54	8.37	999.00	195.60	6.28	5.92	8.61	199.10	4.70	15.42	9.92	999.00	-1.96	999.00	-1.33	0.00
21	2	8	10	201.30	5.83	8.27	8.55	999.00	191.20	5.55	10.61	9.08	192.50	4.69	13.39	10.78	999.00	-2.45	999.00	-1.01	0.00
21	2	8	11	185.80	5.52	8.95	9.14	999.00	177.30	5.35	8.55	9.71	182.50	4.87	15.91	11.95	999.00	-2.96	999.00	-0.94	0.00
21	2	8	12	188.00	6.86	8.94	10.53	999.00	177.70	6.76	12.04	11.10	183.40	5.40	25.23	13.96	999.00	-3.67	999.00	-0.98	0.00
21	2	8	13	199.00	7.48	7.47	11.62	999.00	190.00	7.24	9.93	12.19	191.80	5.55	17.23	15.05	999.00	-3.32	999.00	-1.33	0.00
21	2	8	14	198.50	4.43	13.75	12.34	999.00	193.10	4.38	16.24	12.95	195.60	3.93	24.97	15.67	999.00	-3.38	999.00	-1.10	0.00
21	2	8	15	79.00	2.04	49.61	13.38	999.00	59.16	2.38	39.99	14.01	40.11	1.95	65.93	16.35	999.00	-2.68	999.00	-1.06	0.00
21	2	8	16	117.80	3.51	23.39	14.16	999.00	105.00	3.68	15.82	14.71	129.40	3.36	18.15	16.49	999.00	-2.18	999.00	-1.25	0.00
21	2	8	17	116.20	4.40	9.87	14.16	999.00	100.50	4.07	11.21	14.71	116.30	3.04	19.64	16.49	999.00	-2.13	999.00	-1.49	0.00
21	2	8	18	115.10	2.77	25.15	14.91	999.00	94.10	2.86	29.76	15.44	49.62	2.74	34.57	16.74	999.00	-1.71	999.00	-1.09	0.00
21	2	8	19	65.51	5.65	6.48	15.29	999.00	50.96	5.49	6.24	15.78	48.24	4.97	11.06	16.92	999.00	-1.68	999.00	-1.17	0.00
21	2	8	20	95.00	7.10	6.26	15.42	999.00	81.40	7.08	4.99	15.91	86.60	4.35	13.06	17.09	999.00	-1.68	999.00	-1.17	0.00
21	2	8	21	90.70	6.39	7.69	15.96	999.00	78.40	6.18	7.62	16.49	86.60	3.81	13.29	17.62	999.00	-1.64	999.00	-1.14	0.00
21	2	8	22	80.70	5.17	7.55	15.96	999.00	67.48	4.69	7.73	16.49	78.00	2.82	14.05	17.62	999.00	-1.56	999.00	-1.09	0.00
21	2	8	23	53.72	6.05	7.37	16.76	999.00	41.00	5.54	6.73	17.34	43.83	5.82	9.32	18.44	999.00	-1.82	999.00	-1.15	0.00
21	2	8	24	38.38	7.49	9.27	16.46	999.00	24.65	7.02	8.69	17.11	16.88	7.27	7.08	18.24	999.00	-1.78	999.00	-1.12	0.00
21	2	9	1	41.58	7.24	7.50	15.43	999.00	26.45	6.89	7.19	16.08	18.18	7.27	6.86	17.26	999.00	-1.72	999.00	-1.08	0.00
21	2	9	2	23.85	9.24	7.23	15.16	999.00	14.52	8.85	7.26	15.78	17.16	7.80	10.83	16.94	999.00	-1.83	999.00	-1.17	0.00
21	2	9	3	12.71	6.66	13.10	15.14	999.00	2.15	6.35	14.00	15.81	1.46	5.64	14.93	16.96	999.00	-1.79	999.00	-1.09	0.00
21	2	9	4	6.07	9.18	12.22	15.22	999.00	352.20	9.07	10.24	15.82	352.70	7.26	11.35	16.98	999.00	-1.75	999.00	-1.12	0.00
21	2	9	5	354.10	9.58	2.50	14.69	999.00	343.60	9.67	2.29	15.34	347.60	7.68	5.88	16.45	999.00	-1.76	999.00	-1.09	0.00
21	2	9	6	7.81	6.02	12.66	14.74	999.00	355.50	5.63	15.18	15.52	353.00	4.53	16.37	16.61	999.00	-1.93	999.00	-1.13	0.00
21	2	9	7	347.00	7.18	7.70	15.08	999.00	333.50	6.76	8.18	15.81	334.40	5.11	11.21	16.98	999.00	-1.88	999.00	-1.15	0.00
21	2	9	8	355.30	9.86	4.49	14.88	999.00	342.30	9.89	4.43	15.54	340.60	6.80	8.38	16.70	999.00	-1.81	999.00	-1.11	0.00
21	2	9	9	12.11	6.63	19.05	14.83	999.00	0.90	6.20	16.27	15.52	6.88	4.74	17.81	16.74	999.00	-2.01	999.00	-1.12	0.00
21	2	9	10	354.80	9.50	6.74	15.02	999.00	342.50	9.31	7.21	15.70	347.10	8.21	7.54	17.16	999.00	-2.25	999.00	-1.18	0.00
21	2	9	11	348.50	11.31	5.13	14.63	999.00	335.80	11.20	6.34	15.27	334.80	9.13	8.24	17.10	999.00	-2.54	999.00	-1.37	0.00
21	2	9	12	352.50	7.19	13.73	14.51	999.00	338.40	6.97	14.12	15.08	335.60	5.61	14.49	17.22	999.00	-2.79	999.00	-1.28	0.00
21	2	9	13	357.20	6.38	13.86	14.49	999.00	341.30	6.10	13.70	15.00	340.80	5.14	14.12	17.40	999.00	-3.32	999.00	-1.29	0.00
21	2	9	14	19.61	5.43	14.26	15.41	999.00	2.86	5.27	13.93	15.76	354.70	4.44	14.14	18.55	999.00	-3.08	999.00	-0.96	0.00
21	2	9	15	25.37	4.25	14.38	17.66	999.00	19.29	3.68	14.74	17.86	11.07	3.39	22.47	21.55	999.00	-3.98	999.00	-0.56	0.00
21	2	9	16	354.60	4.55	12.07	18.30	999.00	344.80	4.56	12.23	18.05	335.70	4.08	17.09	22.03	999.00	999.00	999.00	-0.99	0.00
21	2	9	17	281.00	1.81	73.80	18.27	999.00	298.50	1.41	63.06	18.42	351.10	1.79	42.26	22.34	999.00	-3.97	999.00	-1.35	0.00
21	2	9	18	168.90	3.71	7.45	17.69	999.00	163.20	3.85	6.02	18.29	150.70	2.74	13.05	20.39	999.00	-1.45	999.00	-0.31	0.00
21	2	9	19	223.60	7.03	3.20	17.18	999.00	214.40	6.90	3.61	17.55	207.00	3.52	7.96	17.44	999.00	0.29	999.00	0.53	0.00
21	2	9	20	247.30	8.40	3.04	17.27	999.00	224.20	8.28	2.74	17.48	217.80	4.17	4.13	16.01	999.00	1.90	999.00	1.84	0.00
21	2	9	21	229.00	11.12	3.17	17.28	999.00	215.70	10.38	1.51	17.51	205.60	3.29	6.14	14.45	999.00	2.84	999.00	2.81	0.00
21	2	9	22	279.10	14.61	3.58	17.04	999.00	259.10	12.64	3.41	16.62	220.30	5.41	3.42	13.27	999.00	4.44	999.00	3.92	0.00
21	2	9	23	317.20	13.62	2.02	16.27	999.00	298.90	12.95	1.57	16.20	233.40	4.06	8.14	12.01	999.00	4.10	999.00	4.23	0.00
21	2	9	24	329.40	16.20	1.93	15.20	999.00	314.60	13.91	2.81	15.17	260.10	3.38	4.83	10.94	999.00	3.59	999.00	3.37	0.00
21	2	10	1	327.60	9.85	1.47	14.75	999.00	304.10	8.20	2.24	14.62	209.60	3.83	6.68	10.81	999.00	4.25	999.00	4.50	0.00
21	2	10	2	343.10	8.75	3.54	14.14	999.00	322.60	7.34	6.30	14.00	157.30	1.46	76.20	8.30	999.00	6.16	999.00	5.47	0.00
21	2	10	3	332.20	11.69	1.51	13.69	999.00	318.30	10.97	3.56	13.61	256.20	3.38	10.33	6.91	999.00	6.89	999.00	6.36	0.00
21	2	10	4	349.70	14.64	1.75	12.41	999.00	336.40	11.86	3.13	12.16	198.60	2.18	61.16	6.89	999.00	5.16	999.00	3.67	0.00
21	2	10	5	339.00	10.62	3.60	12.06	999.00	325.70	8.82	3.93	11.98	160.30	2.12	16.93	7.95	999.00	4.92	999.00	4.44	0.00
21	2	10	6	354.70	12.68	2.94	11.82	999.00	345.10	11.43	3.79	12.01	338.00	6.47	8.81	10.17	999.00	-0.74	999.00	-0.71	0.00

21	2	10	7	21.11	7.68	12.59	11.83	999.00	10.10	7.39	11.49	12.26	18.20	5.98	14.32	13.19	999.00	-1.50	999.00	-1.09	0.00
21	2	10	8	53.72	7.30	6.69	12.01	999.00	45.59	6.27	7.62	12.51	54.94	5.33	15.77	13.54	999.00	-1.60	999.00	-1.10	0.00
21	2	10	9	69.43	6.48	8.74	12.40	999.00	57.31	5.92	11.21	12.94	57.03	4.81	15.07	14.20	999.00	-2.04	999.00	-1.23	0.00
21	2	10	10	75.80	9.03	8.52	12.90	999.00	64.68	9.28	8.48	13.43	62.21	7.68	11.92	15.04	999.00	-2.27	999.00	-1.45	0.00
21	2	10	11	89.70	9.25	5.61	13.47	999.00	76.60	9.37	5.72	14.00	79.40	6.80	14.44	15.73	999.00	-2.58	999.00	-1.70	0.00
21	2	10	12	114.40	6.90	9.25	14.42	999.00	103.90	6.99	11.02	14.93	114.00	5.30	19.35	17.02	999.00	-2.69	999.00	-1.86	0.00
21	2	10	13	87.70	8.36	6.51	15.30	999.00	73.60	8.47	6.51	15.86	80.80	6.52	14.78	17.88	999.00	-2.52	999.00	-1.88	0.00
21	2	10	14	103.80	7.90	10.33	15.36	999.00	92.60	7.76	12.36	15.94	92.30	5.86	16.95	18.31	999.00	-3.04	999.00	-1.87	0.00
21	2	10	15	96.70	5.63	18.09	15.88	999.00	88.20	5.77	17.84	16.47	83.90	4.43	20.18	18.63	999.00	-2.99	999.00	-1.62	0.00
21	2	10	16	72.10	6.70	7.50	16.13	999.00	60.98	6.90	10.22	16.70	65.06	5.80	16.13	18.64	999.00	-2.23	999.00	-1.41	0.00
21	2	10	17	64.11	8.77	6.54	15.36	999.00	51.79	8.74	5.39	15.89	60.71	7.57	12.17	17.43	999.00	-2.01	999.00	-1.21	0.00
21	2	10	18	57.89	8.57	6.18	14.73	999.00	47.51	8.49	5.35	15.30	54.00	6.88	11.61	16.61	999.00	-1.86	999.00	-1.17	0.00
21	2	10	19	59.01	7.10	5.68	14.53	999.00	46.27	6.55	5.78	15.17	51.09	5.56	13.49	16.30	999.00	-1.77	999.00	-1.13	0.00
21	2	10	20	23.82	9.28	8.12	14.56	999.00	14.96	8.97	7.79	15.24	10.28	7.77	10.97	16.33	999.00	-1.76	999.00	-1.09	0.00
21	2	10	21	14.47	11.25	13.01	14.25	999.00	5.18	10.65	13.29	14.94	2.69	7.97	14.82	16.02	999.00	-1.71	999.00	-1.05	0.00
21	2	10	22	19.38	9.50	9.87	14.81	999.00	7.53	9.12	10.41	15.28	4.07	7.07	11.27	16.18	999.00	-1.34	999.00	-0.94	0.00
21	2	10	23	24.94	9.94	12.17	15.01	999.00	10.04	8.96	11.55	15.37	351.70	6.36	11.88	16.10	999.00	-0.92	999.00	-0.78	0.00
21	2	10	24	16.44	10.17	8.50	15.01	999.00	2.82	9.48	8.42	15.37	347.40	6.64	9.10	16.10	999.00	0.02	999.00	0.15	0.00
21	2	11	1	1.34	9.10	6.52	15.32	999.00	352.80	8.81	5.32	15.57	347.20	4.43	11.55	15.41	999.00	-0.27	999.00	-0.14	0.00
21	2	11	2	338.30	10.93	2.90	14.64	999.00	333.20	9.15	5.01	14.84	340.90	3.69	10.91	15.29	999.00	-0.74	999.00	-0.63	0.00
21	2	11	3	339.20	18.97	2.76	14.34	999.00	325.80	16.23	3.71	14.59	318.00	9.55	8.50	15.30	999.00	-0.35	999.00	-0.60	0.00
21	2	11	4	351.40	22.85	1.89	15.71	999.00	340.30	19.96	4.03	15.69	334.00	12.15	7.65	16.31	999.00	-0.71	999.00	-0.73	0.00
21	2	11	5	3.05	16.64	6.10	15.95	999.00	354.20	15.30	7.13	16.28	348.70	10.71	8.68	17.14	999.00	-1.48	999.00	-1.03	0.00
21	2	11	6	17.18	11.97	12.18	15.75	999.00	9.23	10.67	11.35	16.26	9.69	6.71	10.55	17.27	999.00	-1.45	999.00	-1.00	0.00
21	2	11	7	0.36	16.60	2.68	15.37	999.00	350.70	14.71	3.97	15.76	343.40	7.78	7.30	16.61	999.00	-0.77	999.00	-0.44	0.00
21	2	11	8	2.25	15.98	4.61	14.15	999.00	351.60	12.95	6.48	14.11	359.30	5.33	11.50	13.99	999.00	0.85	999.00	0.53	0.00
21	2	11	9	360.00	12.71	8.15	12.64	999.00	350.00	9.81	10.44	12.14	7.02	4.71	10.36	12.33	999.00	-0.59	999.00	-0.05	0.00
21	2	11	10	12.72	11.19	11.25	11.45	999.00	0.66	10.40	11.35	11.33	348.90	9.04	9.87	12.94	999.00	-2.37	999.00	-0.56	0.00
21	2	11	11	16.68	13.31	12.96	11.50	999.00	9.12	12.06	12.84	11.76	6.26	9.55	15.81	14.72	999.00	-3.36	999.00	-0.68	0.00
21	2	11	12	17.29	12.76	12.20	12.18	999.00	11.32	11.79	11.40	12.54	13.55	9.59	14.93	15.73	999.00	-3.60	999.00	-0.62	0.00
21	2	11	13	17.52	12.10	10.72	13.18	999.00	13.48	11.21	10.57	13.57	20.05	9.55	12.37	16.74	999.00	-3.61	999.00	-0.58	0.00
21	2	11	14	16.81	10.07	15.84	14.37	999.00	11.48	9.59	13.95	14.88	14.27	8.37	17.69	18.00	999.00	-3.53	999.00	-0.56	0.00
21	2	11	15	35.93	10.72	7.09	14.37	999.00	25.50	9.45	6.93	14.88	25.55	8.63	10.18	18.00	999.00	-2.61	999.00	-0.68	0.00
21	2	11	16	33.94	9.23	7.22	16.61	999.00	22.56	8.20	6.66	17.08	15.01	6.61	11.79	19.37	999.00	-2.55	999.00	-0.52	0.00
21	2	11	17	37.75	9.84	9.70	17.06	999.00	30.86	7.65	9.52	17.52	34.43	7.71	13.46	19.47	999.00	-2.00	999.00	-0.56	0.00
21	2	11	18	41.16	12.45	2.17	17.33	999.00	37.27	9.06	2.20	17.52	48.14	6.73	9.91	18.50	999.00	-0.42	999.00	-0.08	0.00
21	2	11	19	40.51	14.28	3.99	17.31	999.00	34.74	10.61	5.19	17.51	45.53	7.92	8.61	17.43	999.00	-0.06	999.00	0.03	0.00
21	2	11	20	42.48	16.72	3.49	17.27	999.00	36.17	12.40	4.21	17.43	44.36	8.74	10.89	17.60	999.00	-0.20	999.00	0.11	0.00
21	2	11	21	40.17	15.89	4.07	18.36	999.00	33.33	11.20	7.15	18.16	32.89	8.87	9.20	18.22	999.00	-0.63	999.00	-0.60	0.00
21	2	11	22	35.97	21.39	3.97	17.32	999.00	29.96	14.44	6.47	17.45	35.21	10.47	9.33	17.42	999.00	0.14	999.00	-0.15	0.00
21	2	11	23	39.59	22.26	1.50	17.75	999.00	28.62	19.49	1.86	17.69	21.89	11.30	8.03	16.18	999.00	2.66	999.00	2.45	0.00
21	2	11	24	51.74	20.26	3.73	17.77	999.00	38.25	14.94	5.88	17.67	34.73	11.79	9.21	17.70	999.00	-0.83	999.00	-0.93	0.00
21	2	12	1	56.46	20.81	4.37	17.87	999.00	41.62	15.66	5.87	17.29	39.13	10.67	9.87	17.94	999.00	0.36	999.00	-0.73	0.00
21	2	12	2	39.32	23.36	3.69	17.38	999.00	29.22	18.10	5.90	17.69	27.53	13.93	8.57	18.61	999.00	-1.29	999.00	-1.03	0.00
21	2	12	3	35.46	25.42	2.96	17.37	999.00	26.24	20.18	4.76	17.83	28.62	14.72	9.34	18.90	999.00	-1.60	999.00	-1.15	0.00
21	2	12	4	40.83	23.85	4.33	16.88	999.00	31.73	18.62	5.67	17.37	30.50	18.12	7.27	18.49	999.00	-1.66	999.00	-1.18	0.00

21	2	12	5	49.12	20.19	4.49	16.28	999.00	38.95	15.99	6.22	16.81	39.39	13.97	9.04	17.97	999.00	-1.69	999.00	-1.20	0.00
21	2	12	6	48.17	19.55	6.58	16.03	999.00	37.67	15.30	6.79	16.61	32.90	14.62	8.73	17.79	999.00	-1.76	999.00	-1.21	0.00
21	2	12	7	35.39	24.08	4.03	16.34	999.00	25.53	19.40	5.37	16.92	25.65	15.10	10.21	18.08	999.00	-1.77	999.00	-1.20	0.00
21	2	12	8	43.11	17.85	5.49	16.06	999.00	33.03	14.26	6.13	16.64	29.13	14.89	7.11	17.82	999.00	-1.75	999.00	-1.19	0.00
21	2	12	9	69.37	16.63	5.55	17.54	999.00	51.65	14.29	5.48	17.84	50.41	9.73	10.66	18.87	999.00	-1.06	999.00	-1.02	0.00
21	2	12	10	47.08	11.55	9.69	19.46	999.00	31.24	9.92	8.73	19.72	21.68	8.99	11.20	20.97	999.00	-1.63	999.00	-0.76	0.00
21	2	12	11	68.49	15.47	4.41	22.48	999.00	54.38	14.68	5.45	23.01	55.95	11.12	11.25	24.67	999.00	-2.80	999.00	-1.45	0.00
21	2	12	12	16.03	13.83	8.14	21.48	999.00	6.91	13.79	8.66	21.76	7.63	12.14	10.09	24.47	999.00	-3.04	999.00	-0.35	0.00
21	2	12	13	5.34	21.49	6.98	17.79	999.00	356.70	20.85	6.64	18.16	354.50	16.15	8.64	21.35	999.00	-3.77	999.00	-1.37	0.00
21	2	12	14	5.22	17.20	9.05	18.56	999.00	357.00	16.97	9.14	19.06	354.60	14.53	11.17	21.77	999.00	-3.11	999.00	-1.15	0.00
21	2	12	15	17.09	16.83	12.94	19.22	999.00	9.13	16.04	12.25	19.80	12.23	12.46	12.72	21.83	999.00	-2.38	999.00	-1.01	0.00
21	2	12	16	22.62	15.00	10.28	19.95	999.00	14.18	13.76	10.38	20.49	17.12	11.41	11.87	22.17	999.00	-2.19	999.00	-1.04	0.00
21	2	12	17	18.69	14.83	9.05	20.48	999.00	9.96	13.72	8.78	20.92	9.92	10.48	11.27	22.30	999.00	-1.72	999.00	-0.96	0.00
21	2	12	18	28.22	15.20	3.19	20.48	999.00	17.98	13.93	3.29	20.92	12.49	10.70	9.76	22.30	999.00	-1.57	999.00	-1.02	0.00
21	2	12	19	37.73	14.55	3.69	20.76	999.00	26.83	12.06	4.59	21.31	24.14	9.66	8.16	22.31	999.00	-1.50	999.00	-1.07	0.00
21	2	12	20	34.82	15.37	2.65	20.70	999.00	24.38	12.31	4.44	21.23	22.08	9.74	8.65	22.24	999.00	-1.54	999.00	-1.07	0.00
21	2	12	21	50.41	15.53	3.76	20.71	999.00	39.65	11.96	4.95	21.22	41.04	9.85	8.46	22.21	999.00	-1.49	999.00	-1.06	0.00
21	2	12	22	46.28	12.56	5.44	20.69	999.00	37.90	9.76	6.90	21.19	32.48	8.94	8.99	22.21	999.00	-1.68	999.00	-1.14	0.00
21	2	12	23	44.81	16.28	5.96	19.80	999.00	35.43	12.37	6.89	20.39	29.80	12.58	7.89	21.50	999.00	-1.66	999.00	-1.13	0.00
21	2	12	24	46.48	16.70	4.64	19.12	999.00	36.20	13.01	5.71	19.65	32.41	12.59	8.47	20.71	999.00	-1.56	999.00	-1.12	0.00
21	2	13	1	45.77	16.37	5.93	18.89	999.00	34.79	12.77	6.67	19.33	29.69	12.62	8.20	20.37	999.00	-1.51	999.00	-1.11	0.00
21	2	13	2	47.68	15.58	5.80	18.79	999.00	36.72	12.11	7.42	19.17	33.27	11.71	9.31	20.23	999.00	-1.58	999.00	-1.14	0.00
21	2	13	3	49.06	13.92	4.88	18.79	999.00	37.66	11.00	6.13	19.17	35.25	9.69	8.24	20.23	999.00	-1.65	999.00	-1.13	0.00
21	2	13	4	50.43	12.30	6.12	18.29	999.00	36.74	10.04	6.01	18.87	36.25	8.94	9.63	19.93	999.00	-1.67	999.00	-1.13	0.00
21	2	13	5	38.72	15.29	4.72	18.29	999.00	27.47	12.83	6.23	18.87	22.13	11.80	8.40	19.93	999.00	-1.65	999.00	-1.14	0.00
21	2	13	6	33.09	19.64	3.09	17.46	999.00	22.44	16.24	4.90	18.04	20.49	13.26	8.92	19.24	999.00	-1.79	999.00	-1.20	0.00
21	2	13	7	34.16	21.27	3.09	16.96	999.00	24.54	17.31	5.02	17.59	23.54	14.26	9.09	18.79	999.00	-1.85	999.00	-1.22	0.00
21	2	13	8	37.86	20.39	3.45	17.15	999.00	28.16	16.70	5.35	17.79	27.73	13.52	8.28	18.95	999.00	-1.85	999.00	-1.22	0.00
21	2	13	9	41.19	22.30	4.33	17.81	999.00	32.02	18.00	5.35	18.47	30.16	16.50	8.30	19.67	999.00	-1.93	999.00	-1.21	0.00
21	2	13	10	48.70	20.36	5.49	18.11	999.00	39.50	16.28	6.68	18.80	35.73	15.32	9.57	20.17	999.00	-2.19	999.00	-1.30	0.00
21	2	13	11	46.22	19.42	5.42	18.01	999.00	37.22	15.10	7.06	18.72	31.29	15.82	7.88	20.18	999.00	-2.18	999.00	-1.20	0.00
21	2	13	12	43.76	19.03	5.54	18.70	999.00	33.32	15.50	6.88	19.37	29.50	15.32	7.76	20.90	999.00	-2.18	999.00	-1.15	0.00
21	2	13	13	30.76	19.37	4.12	18.92	999.00	20.16	16.63	6.13	19.48	19.08	15.04	9.46	21.17	999.00	-2.55	999.00	-1.23	0.00
21	2	13	14	27.11	20.79	4.11	18.90	999.00	15.87	19.14	5.37	19.54	12.97	15.63	10.47	21.57	999.00	-2.76	999.00	-1.24	0.00
21	2	13	15	27.75	20.15	3.27	18.48	999.00	18.52	17.73	5.94	19.16	17.21	15.43	8.66	21.01	999.00	-2.43	999.00	-1.21	0.00
21	2	13	16	26.74	18.47	4.22	18.69	999.00	17.01	16.55	5.82	19.35	14.76	13.69	9.77	20.97	999.00	-2.22	999.00	-1.19	0.00
21	2	13	17	21.94	19.55	8.30	18.49	999.00	13.57	18.35	7.90	19.09	12.37	14.33	10.77	20.53	999.00	-1.90	999.00	-1.14	0.00
21	2	13	18	15.05	18.46	10.68	17.94	999.00	7.00	17.21	10.82	18.56	13.25	13.90	11.21	19.82	999.00	-1.87	999.00	-1.14	0.00
21	2	13	19	22.42	19.01	8.10	17.94	999.00	12.76	17.58	8.56	18.56	14.30	14.43	10.75	19.82	999.00	-1.74	999.00	-1.17	0.00
21	2	13	20	8.88	18.53	10.36	17.92	999.00	359.40	17.46	9.44	18.54	358.50	13.10	10.26	19.66	999.00	-1.68	999.00	-1.13	0.00
21	2	13	21	355.30	18.43	2.35	18.59	999.00	347.20	18.05	3.29	19.18	342.00	14.32	6.11	20.27	999.00	-1.71	999.00	-1.09	0.00
21	2	13	22	348.60	13.04	3.60	18.84	999.00	339.10	12.83	5.18	19.48	337.90	9.52	7.38	20.59	999.00	-1.79	999.00	-1.12	0.00
21	2	13	23	339.30	12.22	2.36	19.20	999.00	330.70	11.97	2.58	19.85	329.60	8.98	7.24	20.91	999.00	-1.60	999.00	-1.02	0.00
21	2	13	24	322.40	9.43	2.99	19.40	999.00	315.00	9.21	3.92	20.00	308.80	6.50	7.88	20.97	999.00	-1.51	999.00	-0.92	0.00
21	2	14	1	297.70	7.51	4.99	19.42	999.00	277.00	7.63	5.45	19.95	253.60	4.30	7.94	20.74	999.00	-1.01	999.00	-0.63	0.00
21	2	14	2	303.20	11.27	1.78	18.85	999.00	286.00	10.05	2.97	19.17	257.50	4.44	5.49	19.17	999.00	-0.08	999.00	0.18	0.00

21	2	14	3	298.40	12.54	2.31	18.58	999.00	283.40	11.11	2.77	18.91	249.90	4.47	6.94	17.97	999.00	0.67	999.00	0.80	0.00
21	2	14	4	293.10	13.22	2.52	18.09	999.00	278.90	11.37	3.48	18.43	236.00	4.53	5.13	17.01	999.00	1.18	999.00	1.61	0.00
21	2	14	5	312.60	11.86	2.80	17.39	999.00	298.40	11.36	2.86	17.84	275.20	4.77	4.90	16.05	999.00	1.03	999.00	1.47	0.00
21	2	14	6	327.40	11.15	2.64	16.34	999.00	317.10	9.92	2.92	16.84	281.00	3.63	5.99	15.47	999.00	1.16	999.00	1.76	0.00
21	2	14	7	324.40	9.69	2.69	15.73	999.00	313.10	8.51	3.32	16.22	245.20	2.30	21.32	13.98	999.00	2.16	999.00	3.21	0.00
21	2	14	8	328.60	8.31	3.88	15.57	999.00	314.10	6.79	5.72	15.82	169.10	3.37	5.59	12.84	999.00	2.36	999.00	2.24	0.00
21	2	14	9	331.20	12.46	2.82	14.61	999.00	319.20	11.02	3.77	14.87	238.00	1.59	62.76	13.03	999.00	2.01	999.00	1.75	0.00
21	2	14	10	347.70	13.25	4.62	13.39	999.00	340.00	12.60	4.53	13.94	338.20	10.22	7.35	14.27	999.00	-1.68	999.00	-0.96	0.00
21	2	14	11	339.70	13.36	3.73	13.39	999.00	331.60	13.16	3.97	13.94	330.50	10.30	8.03	14.27	999.00	-1.65	999.00	-1.09	0.00
21	2	14	12	349.50	7.64	8.39	14.79	999.00	342.40	7.61	9.35	15.20	343.80	6.72	11.59	17.61	999.00	-3.92	999.00	-1.11	0.00
21	2	14	13	341.30	5.59	10.35	17.01	999.00	333.00	5.65	9.08	17.07	337.80	4.60	17.61	20.98	999.00	-3.99	999.00	-1.78	0.00
21	2	14	14	349.60	4.42	24.30	17.72	999.00	336.80	4.30	25.04	17.72	334.40	4.16	21.03	22.34	999.00	999.00	999.00	-2.14	0.00
21	2	14	15	26.98	3.17	22.56	19.52	999.00	25.12	3.12	19.90	19.69	37.03	3.72	28.91	23.33	999.00	-3.86	999.00	-0.02	0.00
21	2	14	16	286.50	3.24	14.28	19.13	999.00	279.10	3.25	15.85	19.45	288.90	3.22	23.73	22.85	999.00	-3.10	999.00	-2.69	0.00
21	2	14	17	338.60	3.46	9.44	18.64	999.00	330.50	3.44	9.95	19.15	327.90	3.60	10.23	21.67	999.00	-2.94	999.00	-1.40	0.00
21	2	14	18	54.79	2.39	16.43	18.69	999.00	51.51	2.68	10.40	19.23	62.00	2.61	19.66	20.81	999.00	-1.72	999.00	-1.08	0.00
21	2	14	19	42.31	1.27	65.19	18.64	999.00	112.90	1.01	94.20	19.15	142.00	0.93	61.93	20.27	999.00	-1.59	999.00	-1.13	0.00
21	2	14	20	326.00	5.60	9.28	18.92	999.00	308.00	4.32	13.73	19.35	248.10	2.08	22.66	20.30	999.00	-1.11	999.00	-0.71	0.00
21	2	14	21	322.90	12.25	4.37	19.29	999.00	312.60	11.74	4.85	19.77	306.80	8.37	8.71	20.58	999.00	-1.41	999.00	-0.88	0.00
21	2	14	22	339.50	16.15	2.66	18.58	999.00	328.90	15.64	3.40	19.07	327.50	11.03	7.23	19.99	999.00	-1.25	999.00	-0.74	0.00
21	2	14	23	342.30	19.60	3.07	17.47	999.00	332.30	18.00	4.29	17.94	327.30	12.17	6.60	18.63	999.00	-1.23	999.00	-0.78	0.00
21	2	14	24	2.54	17.90	4.61	16.53	999.00	352.30	16.86	5.46	17.00	347.40	12.70	7.13	17.90	999.00	-1.41	999.00	-0.98	0.00
21	2	15	1	19.09	14.83	11.09	16.86	999.00	10.23	13.47	11.39	17.40	9.48	10.77	11.02	18.46	999.00	-1.67	999.00	-1.14	0.00
21	2	15	2	28.47	18.73	2.68	16.28	999.00	17.82	17.11	4.49	16.84	20.26	13.91	8.60	18.03	999.00	-1.77	999.00	-1.21	0.00
21	2	15	3	31.96	15.69	3.61	15.97	999.00	21.99	13.69	5.66	16.51	24.57	11.54	9.61	17.70	999.00	-1.73	999.00	-1.23	0.00
21	2	15	4	29.76	14.97	3.37	15.74	999.00	19.88	13.52	4.70	16.28	21.68	11.31	8.88	17.48	999.00	-1.72	999.00	-1.19	0.00
21	2	15	5	8.21	13.86	10.65	14.55	999.00	358.70	13.29	9.68	15.13	2.32	10.17	13.65	16.29	999.00	-1.74	999.00	-1.10	0.00
21	2	15	6	11.35	14.22	10.28	14.13	999.00	2.17	13.21	10.93	14.79	1.64	10.54	11.90	15.87	999.00	-1.74	999.00	-1.11	0.00
21	2	15	7	17.42	16.46	9.94	13.72	999.00	9.23	15.58	10.70	14.44	8.98	12.80	10.90	15.52	999.00	-1.80	999.00	-1.15	0.00
21	2	15	8	18.06	17.25	12.58	13.50	999.00	9.43	15.61	12.34	14.21	10.07	12.36	11.90	15.33	999.00	-1.84	999.00	-1.15	0.00
21	2	15	9	18.19	15.56	11.26	13.46	999.00	9.02	14.47	11.09	14.13	5.39	11.68	13.29	15.38	999.00	-2.07	999.00	-1.19	0.00
21	2	15	10	14.36	15.54	10.99	12.77	999.00	5.26	14.78	11.20	13.39	10.89	11.96	12.26	14.93	999.00	-2.30	999.00	-1.11	0.00
21	2	15	11	2.21	18.80	7.21	12.55	999.00	351.80	18.46	6.77	13.15	350.10	15.83	8.50	14.94	999.00	-2.41	999.00	-1.25	0.00
21	2	15	12	25.92	18.96	7.40	12.54	999.00	17.53	17.55	7.36	13.12	21.22	15.53	9.90	15.23	999.00	-2.56	999.00	-1.12	0.00
21	2	15	13	14.74	13.97	13.63	12.78	999.00	3.28	13.24	14.45	13.33	1.32	11.10	12.48	15.31	999.00	-2.72	999.00	-1.19	0.00
21	2	15	14	1.84	19.45	5.06	13.30	999.00	354.30	18.91	5.65	13.87	352.70	15.65	7.12	16.04	999.00	-2.65	999.00	-1.34	0.00
21	2	15	15	19.33	17.05	12.32	13.72	999.00	10.07	15.90	12.33	14.29	11.19	12.39	13.16	16.33	999.00	-2.49	999.00	-1.13	0.00
21	2	15	16	33.08	23.66	5.01	14.52	999.00	24.53	19.60	6.72	15.12	27.17	17.03	9.89	16.80	999.00	-2.14	999.00	-1.17	0.00
21	2	15	17	31.06	29.75	2.93	14.71	999.00	22.89	24.66	4.83	15.29	27.76	19.50	8.57	16.71	999.00	-2.01	999.00	-1.24	0.00
21	2	15	18	29.88	26.03	3.16	13.53	999.00	20.73	22.26	5.05	14.15	23.32	18.12	9.53	15.46	999.00	-1.88	999.00	-1.23	0.00
21	2	15	19	29.36	31.93	3.00	12.76	999.00	19.47	28.46	4.01	13.40	20.18	21.26	9.43	14.56	999.00	-1.77	999.00	-1.13	0.00
21	2	15	20	28.62	31.87	3.14	13.42	999.00	18.51	27.49	4.41	14.11	18.86	19.79	9.44	15.13	999.00	-1.68	999.00	-1.06	0.00
21	2	15	21	30.43	31.64	3.51	14.25	999.00	20.90	25.66	5.30	14.98	19.97	19.58	9.86	15.97	999.00	-1.72	999.00	-1.05	0.00
21	2	15	22	34.73	38.63	2.94	15.08	999.00	24.82	30.51	5.13	15.86	27.72	22.77	8.40	16.85	999.00	-1.74	999.00	-1.12	0.00
21	2	15	23	29.06	38.06	3.13	15.56	999.00	20.00	33.11	4.75	16.41	19.78	24.13	8.81	17.48	999.00	-1.92	999.00	-1.13	0.01
21	2	15	24	26.10	43.89	3.51	14.66	999.00	16.92	39.14	4.88	15.45	18.00	26.32	10.19	16.49	999.00	-1.78	999.00	-1.06	0.01

21	2	16	1	20.74	34.75	7.11	13.93	999.00	11.64	31.53	8.30	14.65	9.35	24.83	9.76	15.62	999.00	-1.60	999.00	-0.97	0.00
21	2	16	2	13.79	31.37	8.06	14.02	999.00	5.36	27.45	8.76	14.74	5.38	23.03	10.27	15.64	999.00	-1.61	999.00	-0.95	0.00
21	2	16	3	5.06	30.71	6.03	14.61	999.00	357.00	27.94	7.72	15.37	355.90	19.76	8.45	16.27	999.00	-1.80	999.00	-1.07	0.00
21	2	16	4	2.03	27.73	3.77	14.93	999.00	352.50	26.01	5.84	15.81	348.50	19.14	7.44	16.73	999.00	-1.74	999.00	-1.08	0.00
21	2	16	5	3.64	24.90	4.09	15.41	999.00	355.40	23.36	5.64	16.21	352.20	16.75	7.28	17.12	999.00	-1.69	999.00	-1.06	0.00
21	2	16	6	357.80	20.93	4.94	15.95	999.00	348.20	19.69	5.73	16.70	342.90	15.46	7.17	17.63	999.00	-1.71	999.00	-1.03	0.00
21	2	16	7	329.40	19.56	3.62	15.68	999.00	317.70	18.57	4.63	16.48	314.90	13.13	8.46	17.53	999.00	-1.98	999.00	-1.10	0.00
21	2	16	8	312.00	20.15	4.60	13.83	999.00	300.80	19.33	4.98	14.60	298.20	13.04	10.83	15.70	999.00	-1.82	999.00	-1.14	0.00
21	2	16	9	309.80	21.09	4.32	11.60	999.00	298.30	19.93	4.91	12.31	297.80	12.68	11.40	13.46	999.00	-1.88	999.00	-1.28	0.00
21	2	16	10	309.50	20.05	5.12	11.78	999.00	298.60	18.86	5.00	12.46	294.40	12.41	11.31	13.73	999.00	-2.07	999.00	-1.74	0.00
21	2	16	11	310.30	18.84	4.91	12.81	999.00	299.20	18.21	5.37	13.44	294.30	12.79	10.86	15.01	999.00	-2.25	999.00	-1.93	0.00
21	2	16	12	306.80	17.75	4.61	13.47	999.00	295.30	17.26	5.27	14.05	291.90	11.90	12.11	15.90	999.00	-2.51	999.00	-2.53	0.00
21	2	16	13	300.20	17.14	5.28	14.99	999.00	289.90	16.97	5.72	15.54	288.90	12.32	12.18	17.82	999.00	-3.01	999.00	-2.98	0.00
21	2	16	14	296.10	17.47	6.09	15.02	999.00	284.90	17.18	6.62	15.58	280.60	13.14	9.83	17.89	999.00	-2.73	999.00	-2.48	0.00
21	2	16	15	290.80	17.55	4.51	14.93	999.00	278.90	17.41	5.38	15.51	275.80	13.64	8.96	17.55	999.00	-2.50	999.00	-2.07	0.00
21	2	16	16	291.00	14.97	5.52	14.73	999.00	279.00	14.75	6.12	15.32	276.60	11.23	9.03	17.23	999.00	-2.53	999.00	-2.03	0.00
21	2	16	17	291.60	10.94	5.09	14.95	999.00	281.50	10.62	6.18	15.55	275.80	7.61	8.80	17.30	999.00	-2.30	999.00	-1.78	0.00
21	2	16	18	279.80	11.88	2.83	15.04	999.00	267.40	11.10	4.17	15.65	264.40	7.18	8.29	17.19	999.00	-1.80	999.00	-1.12	0.00
21	2	16	19	264.10	12.22	1.87	15.04	999.00	249.40	11.40	2.73	15.65	240.80	5.55	6.37	17.19	999.00	-0.06	999.00	0.48	0.00
21	2	16	20	247.70	15.68	1.58	14.38	999.00	231.80	13.85	1.49	14.52	219.20	6.85	4.82	13.09	999.00	1.40	999.00	1.54	0.00
21	2	16	21	240.30	14.55	4.75	13.47	999.00	224.50	12.34	4.74	13.25	216.20	6.35	7.59	12.47	999.00	0.16	999.00	0.25	0.00
21	2	16	22	278.20	13.75	2.05	12.85	999.00	253.60	11.60	1.49	12.14	234.20	4.28	5.49	11.32	999.00	2.22	999.00	1.57	0.00
21	2	16	23	274.90	9.90	6.44	11.57	999.00	237.90	7.17	2.98	10.70	156.80	2.62	11.23	9.40	999.00	2.69	999.00	1.48	0.00
21	2	16	24	305.00	7.71	1.09	13.12	999.00	271.30	8.03	4.76	11.43	194.70	3.90	9.96	7.88	999.00	5.81	999.00	5.22	0.00
21	2	17	1	295.80	5.61	4.84	13.26	999.00	253.10	8.18	7.49	12.57	210.00	4.43	6.48	6.22	999.00	7.46	999.00	5.86	0.00
21	2	17	2	300.90	5.23	3.29	12.50	999.00	274.30	6.50	2.88	12.24	216.80	3.31	4.78	4.86	999.00	7.99	999.00	7.73	0.00
21	2	17	3	308.60	3.21	6.04	12.78	999.00	273.40	4.36	8.82	12.63	219.40	4.93	4.36	4.87	999.00	7.99	999.00	7.41	0.00
21	2	17	4	251.60	6.25	1.64	12.78	999.00	248.30	8.30	1.68	12.63	203.80	3.81	7.29	4.87	999.00	7.97	999.00	7.51	0.00
21	2	17	5	243.00	7.71	4.07	11.22	999.00	250.40	8.75	2.35	10.98	207.70	2.71	8.84	3.13	999.00	999.00	999.00	7.97	0.00
21	2	17	6	256.70	4.93	5.08	999.00	999.00	265.50	6.27	3.39	999.00	216.10	2.54	6.23	2.42	999.00	999.00	999.00	7.97	0.00
21	2	17	7	316.20	7.27	1.90	999.00	999.00	269.20	7.55	7.64	8.61	174.40	1.34	23.88	1.77	999.00	999.00	999.00	5.51	0.00
21	2	17	8	299.90	3.58	10.85	8.70	999.00	245.20	6.32	6.31	7.12	176.20	2.17	9.83	1.61	999.00	6.14	999.00	4.80	0.00
21	2	17	9	24.52	3.60	6.73	8.46	999.00	312.10	2.79	16.56	7.18	212.60	2.77	13.84	4.46	999.00	2.82	999.00	2.65	0.00
21	2	17	10	72.40	2.47	4.78	11.00	999.00	197.20	1.69	14.89	7.39	206.70	3.57	17.59	7.47	999.00	3.65	999.00	1.00	0.00
21	2	17	11	94.10	1.07	31.17	11.54	999.00	195.80	1.89	8.98	7.57	228.50	4.27	12.42	9.61	999.00	1.26	999.00	1.63	0.00
21	2	17	12	163.80	3.14	25.27	11.15	999.00	176.50	3.83	17.14	10.36	221.20	4.03	21.14	13.33	999.00	-3.82	999.00	-0.52	0.00
21	2	17	13	118.60	3.60	13.84	11.15	999.00	122.70	3.61	21.65	10.36	170.00	3.87	22.39	13.33	999.00	-3.33	999.00	-0.79	0.00
21	2	17	14	186.70	4.67	22.91	15.57	999.00	186.30	4.60	19.37	15.83	215.50	4.91	16.62	19.56	999.00	-3.99	999.00	-1.56	0.00
21	2	17	15	43.46	5.01	12.98	15.61	999.00	28.34	4.95	11.17	16.08	8.58	6.12	8.31	18.83	999.00	-2.56	999.00	-0.38	0.00
21	2	17	16	76.50	8.40	7.59	15.73	999.00	60.66	8.08	9.04	16.27	67.72	6.86	17.21	18.16	999.00	-2.32	999.00	-1.34	0.00
21	2	17	17	67.91	7.11	8.32	15.41	999.00	55.43	7.16	8.64	15.96	59.90	6.54	12.23	17.71	999.00	-2.28	999.00	-1.19	0.00
21	2	17	18	47.96	6.98	8.19	15.53	999.00	38.35	5.99	7.18	16.10	39.20	6.60	9.93	17.47	999.00	-1.84	999.00	-1.11	0.00
21	2	17	19	57.43	7.76	5.51	15.56	999.00	43.60	6.52	5.11	16.07	44.20	5.74	10.09	17.19	999.00	-1.60	999.00	-1.08	0.00
21	2	17	20	72.30	12.13	2.03	16.12	999.00	57.69	10.90	3.77	16.59	63.38	6.69	9.28	17.51	999.00	-1.35	999.00	-0.96	0.00
21	2	17	21	63.87	8.92	5.80	16.68	999.00	47.14	8.11	5.62	17.07	50.46	5.96	9.96	18.01	999.00	-1.43	999.00	-1.00	0.00
21	2	17	22	60.38	11.92	3.51	16.91	999.00	42.46	10.47	4.74	17.24	45.10	7.79	9.61	18.24	999.00	-1.20	999.00	-1.07	0.00

21	2	17	23	63.34	13.64	3.50	16.91	999.00	44.24	12.09	4.24	17.24	43.47	8.79	9.53	18.24	999.00	-0.75	999.00	-0.88	0.00
21	2	17	24	65.31	11.65	3.82	17.66	999.00	42.33	10.60	4.58	17.43	39.90	8.72	8.76	18.21	999.00	-0.41	999.00	-0.76	0.00
21	2	18	1	55.82	10.65	5.86	17.91	999.00	36.84	9.15	6.96	17.74	27.87	9.44	7.51	18.38	999.00	-0.51	999.00	-0.77	0.00
21	2	18	2	68.83	14.92	2.70	17.95	999.00	49.04	13.28	4.09	17.76	46.51	8.04	8.93	18.64	999.00	-0.49	999.00	-0.80	0.00
21	2	18	3	83.60	16.36	2.80	18.75	999.00	66.76	14.70	4.31	18.68	60.86	7.33	10.04	19.25	999.00	-0.38	999.00	-0.34	0.00
21	2	18	4	78.00	17.14	3.45	19.70	999.00	63.80	16.20	4.38	20.20	64.72	9.61	10.11	21.04	999.00	-1.48	999.00	-1.02	0.00
21	2	18	5	70.40	15.05	3.40	20.12	999.00	55.85	13.31	4.62	20.60	58.81	7.58	9.80	21.59	999.00	-1.49	999.00	-1.02	0.00
21	2	18	6	68.51	18.41	3.23	20.06	999.00	53.65	16.33	4.80	20.55	56.73	10.11	10.30	21.56	999.00	-1.50	999.00	-1.00	0.00
21	2	18	7	61.46	15.08	6.07	19.92	999.00	47.87	13.22	6.30	20.52	51.16	9.96	10.80	21.53	999.00	-1.70	999.00	-1.05	0.00
21	2	18	8	49.22	16.24	5.31	18.63	999.00	36.80	12.71	6.40	19.46	34.80	11.51	9.67	20.60	999.00	-2.11	999.00	-1.14	0.00
21	2	18	9	45.94	17.20	5.87	18.36	999.00	32.72	13.30	6.95	19.09	28.27	12.64	7.57	20.18	999.00	-1.87	999.00	-0.99	0.00
21	2	18	10	50.20	18.25	4.86	18.23	999.00	36.54	14.21	6.04	18.94	34.25	13.07	8.57	20.23	999.00	-2.11	999.00	-1.10	0.00
21	2	18	11	46.98	15.32	5.99	19.31	999.00	33.75	11.59	7.32	20.01	29.00	12.12	8.26	21.56	999.00	-2.45	999.00	-1.01	0.00
21	2	18	12	33.58	18.34	3.65	20.16	999.00	22.14	15.21	4.83	20.85	22.30	13.26	10.14	22.63	999.00	-2.51	999.00	-1.04	0.00
21	2	18	13	28.71	19.20	3.62	19.56	999.00	17.64	16.81	5.56	20.26	13.34	13.89	10.47	22.29	999.00	-2.77	999.00	-1.10	0.00
21	2	18	14	34.61	18.76	4.06	20.23	999.00	23.35	15.70	5.89	20.92	22.21	13.98	8.94	22.95	999.00	-2.62	999.00	-1.05	0.00
21	2	18	15	27.65	19.75	4.63	20.72	999.00	18.18	17.69	5.35	21.40	18.65	14.72	9.16	23.27	999.00	-2.63	999.00	-1.13	0.00
21	2	18	16	28.25	21.43	2.72	20.44	999.00	18.47	18.62	5.75	21.14	18.25	14.93	9.78	22.91	999.00	-2.51	999.00	-1.16	0.00
21	2	18	17	24.55	20.04	5.00	20.44	999.00	16.10	18.26	5.23	21.14	18.82	13.58	11.36	22.91	999.00	-2.17	999.00	-1.08	0.00
21	2	18	18	23.72	19.18	6.28	21.11	999.00	14.45	18.12	6.59	21.81	17.78	12.91	10.70	23.03	999.00	-1.69	999.00	-1.00	0.00
21	2	18	19	20.47	18.48	8.41	21.50	999.00	11.69	16.48	9.27	22.20	15.03	11.19	12.55	23.18	999.00	-1.67	999.00	-0.98	0.00
21	2	18	20	20.13	17.71	11.70	21.55	999.00	12.05	15.29	11.15	22.32	15.03	11.04	11.17	23.29	999.00	-1.82	999.00	-1.01	0.00
21	2	18	21	16.19	15.73	11.84	21.13	999.00	9.28	14.51	10.22	22.01	13.44	11.24	10.35	23.02	999.00	-1.91	999.00	-1.06	0.00
21	2	18	22	20.25	16.21	11.13	21.21	999.00	11.93	14.90	10.04	22.04	13.03	9.85	11.82	23.03	999.00	-1.77	999.00	-1.02	0.00
21	2	18	23	0.33	14.99	4.13	21.14	999.00	348.60	13.57	6.31	22.05	350.10	9.82	8.63	23.10	999.00	-1.98	999.00	-1.06	0.00
21	2	18	24	346.20	13.40	4.43	21.14	999.00	333.40	11.92	6.04	22.05	332.10	7.48	9.64	23.10	999.00	-1.95	999.00	-1.03	0.00
21	2	19	1	331.40	12.82	3.05	21.13	999.00	317.60	12.01	3.96	22.11	309.70	7.92	9.04	23.13	999.00	-2.03	999.00	-1.06	0.00
21	2	19	2	324.00	14.35	2.77	20.74	999.00	312.10	13.38	4.38	21.82	307.80	9.17	7.52	22.85	999.00	-2.06	999.00	-1.00	0.00
21	2	19	3	315.60	12.18	4.66	20.55	999.00	298.50	11.47	4.23	21.50	290.60	7.30	10.26	22.48	999.00	-1.86	999.00	-0.91	0.00
21	2	19	4	298.60	14.77	2.78	20.05	999.00	282.70	13.49	3.24	20.91	272.70	7.52	7.01	21.49	999.00	-1.28	999.00	-0.55	0.00
21	2	19	5	292.30	15.45	2.52	19.08	999.00	276.40	14.52	2.47	19.89	261.40	6.83	6.68	19.61	999.00	0.20	999.00	0.93	0.00
21	2	19	6	299.10	15.52	2.19	17.72	999.00	279.70	14.36	2.48	18.25	256.70	6.28	8.57	17.19	999.00	1.03	999.00	1.49	0.00
21	2	19	7	291.40	14.34	1.81	16.70	999.00	267.60	12.81	3.35	16.89	234.80	5.93	5.06	14.82	999.00	2.38	999.00	2.60	0.00
21	2	19	8	269.20	12.98	1.94	15.39	999.00	248.30	11.61	2.14	14.78	228.40	6.73	5.93	12.66	999.00	1.32	999.00	0.69	0.00
21	2	19	9	257.90	9.66	4.10	11.85	999.00	242.80	9.19	5.36	11.99	244.60	7.76	9.41	12.75	999.00	-1.79	999.00	-1.02	0.00
21	2	19	10	254.10	10.26	2.98	10.23	999.00	240.00	9.15	4.22	10.83	228.50	7.51	7.88	12.06	999.00	-1.73	999.00	-0.49	0.00
21	2	19	11	252.30	8.09	6.04	12.25	999.00	239.60	8.83	6.17	12.97	241.90	9.39	9.75	14.34	999.00	-2.19	999.00	-1.15	0.00
21	2	19	12	255.70	8.71	7.48	15.30	999.00	241.90	10.65	7.88	15.98	238.70	9.31	12.12	17.64	999.00	-2.41	999.00	-1.22	0.00
21	2	19	13	252.40	12.68	7.13	16.61	999.00	238.70	12.72	6.80	17.32	237.00	9.99	11.03	19.45	999.00	-3.35	999.00	-1.72	0.00
21	2	19	14	239.80	15.42	3.20	16.90	999.00	227.40	15.20	2.95	17.55	226.60	12.08	8.16	20.18	999.00	-3.16	999.00	-1.81	0.00
21	2	19	15	237.90	16.12	3.81	16.65	999.00	224.50	16.26	3.43	17.24	224.10	12.73	8.12	19.86	999.00	-3.44	999.00	-2.02	0.00
21	2	19	16	248.30	16.34	4.81	17.33	999.00	236.40	15.50	5.42	18.13	233.60	11.73	8.55	20.61	999.00	-2.98	999.00	-1.62	0.00
21	2	19	17	249.30	13.76	4.58	18.56	999.00	236.00	12.86	5.41	19.19	232.20	9.11	8.11	21.12	999.00	-2.31	999.00	-1.10	0.00
21	2	19	18	233.20	15.06	3.81	18.28	999.00	220.90	13.66	3.74	18.81	217.70	8.72	7.68	19.88	999.00	-1.18	999.00	-0.41	0.00
21	2	19	19	236.30	19.00	1.76	18.28	999.00	223.30	16.50	2.03	18.81	217.50	8.03	7.71	19.88	999.00	0.43	999.00	0.49	0.00
21	2	19	20	236.40	20.62	3.55	16.80	999.00	225.00	18.96	3.20	17.09	222.80	11.95	8.00	17.13	999.00	-0.94	999.00	-0.61	0.00

21	2	19	21	236.50	19.56	4.58	14.87	999.00	223.70	17.15	4.12	15.20	218.10	9.61	7.33	15.56	999.00	-0.46	999.00	-0.22	0.00
21	2	19	22	240.20	20.49	3.26	13.02	999.00	227.50	18.79	2.72	13.34	224.40	12.29	6.73	13.79	999.00	-0.63	999.00	-0.23	0.00
21	2	19	23	242.20	21.05	2.89	11.59	999.00	228.50	18.71	2.86	11.62	225.80	11.97	6.96	11.71	999.00	-0.63	999.00	-0.43	0.00
21	2	19	24	253.20	22.99	2.84	10.79	999.00	237.90	19.60	3.07	10.60	232.50	11.39	6.37	10.23	999.00	1.00	999.00	0.82	0.00
21	2	20	1	253.20	21.85	3.79	10.30	999.00	238.70	18.42	3.92	10.16	230.10	10.52	7.38	9.39	999.00	0.40	999.00	0.05	0.00
21	2	20	2	250.40	20.36	3.51	9.43	999.00	235.00	16.82	3.05	9.39	222.10	9.20	7.14	8.93	999.00	1.09	999.00	0.94	0.00
21	2	20	3	249.10	22.10	2.63	9.82	999.00	233.00	18.80	2.61	9.15	222.80	10.23	7.50	7.90	999.00	1.40	999.00	0.31	0.00
21	2	20	4	249.20	17.71	4.78	11.11	999.00	236.00	15.37	5.29	11.34	235.80	9.41	8.61	11.71	999.00	-1.19	999.00	-0.81	0.00
21	2	20	5	252.30	18.88	2.89	11.65	999.00	239.00	16.46	3.63	12.03	238.10	9.67	9.25	12.86	999.00	-1.06	999.00	-0.73	0.00
21	2	20	6	249.70	17.52	4.28	12.06	999.00	235.20	15.41	4.18	12.46	233.70	9.66	7.89	13.24	999.00	-1.17	999.00	-0.80	0.00
21	2	20	7	251.30	20.30	3.19	12.02	999.00	238.20	18.08	3.79	12.44	237.60	10.21	8.42	13.02	999.00	-0.76	999.00	-0.44	0.00
21	2	20	8	254.30	20.62	3.14	11.24	999.00	240.60	18.56	3.93	11.58	238.70	11.42	9.33	12.08	999.00	-1.01	999.00	-0.68	0.00
21	2	20	9	264.30	20.03	2.83	10.50	999.00	247.70	17.63	3.61	10.62	241.60	10.02	8.64	11.28	999.00	-0.76	999.00	-0.64	0.00
21	2	20	10	264.60	17.27	4.47	10.72	999.00	247.30	15.35	5.01	10.78	242.00	10.46	8.43	12.28	999.00	-1.90	999.00	-1.35	0.00
21	2	20	11	256.70	12.20	5.87	11.76	999.00	239.80	10.92	5.36	12.11	222.00	8.09	8.16	14.11	999.00	-2.31	999.00	-0.90	0.00
21	2	20	12	247.60	11.83	4.43	13.56	999.00	228.50	11.77	4.11	13.81	220.70	10.24	7.39	16.20	999.00	-2.66	999.00	-1.44	0.00
21	2	20	13	232.70	16.80	2.96	15.50	999.00	221.90	16.23	2.65	15.89	224.80	12.75	7.72	18.36	999.00	-3.07	999.00	-1.84	0.00
21	2	20	14	243.10	16.16	2.99	17.66	999.00	229.80	15.77	2.77	18.16	228.80	11.81	7.77	20.67	999.00	-2.97	999.00	-1.77	0.00
21	2	20	15	229.30	15.76	4.99	18.99	999.00	219.10	15.37	4.37	19.57	223.80	13.05	7.73	22.06	999.00	-2.97	999.00	-1.88	0.00
21	2	20	16	232.50	16.78	3.65	19.52	999.00	221.60	16.17	3.72	20.16	223.70	12.15	8.30	22.60	999.00	-2.90	999.00	-1.57	0.00
21	2	20	17	225.10	15.80	2.89	19.82	999.00	214.10	14.53	3.47	20.40	214.00	9.55	9.12	22.56	999.00	-2.83	999.00	-1.56	0.00
21	2	20	18	227.20	17.13	1.70	19.41	999.00	215.00	15.78	1.83	19.79	212.90	8.75	8.48	21.16	999.00	-1.01	999.00	-0.33	0.00
21	2	20	19	230.40	17.19	1.13	19.17	999.00	217.20	16.00	2.13	19.33	208.00	6.66	8.85	18.69	999.00	1.27	999.00	1.34	0.00
21	2	20	20	223.70	16.15	1.55	18.79	999.00	209.30	13.53	1.40	18.66	198.50	3.89	10.57	16.85	999.00	2.37	999.00	2.05	0.00
21	2	20	21	227.90	19.01	1.10	18.88	999.00	210.60	15.79	1.85	18.34	198.80	4.43	9.41	15.52	999.00	3.75	999.00	2.51	0.00
21	2	20	22	231.90	18.42	0.87	19.54	999.00	220.60	17.61	0.98	18.43	208.20	5.11	6.10	14.45	999.00	5.89	999.00	5.35	0.00
21	2	20	23	227.20	18.00	3.74	19.84	999.00	209.00	16.51	3.10	19.06	192.50	4.25	7.73	13.95	999.00	6.07	999.00	5.26	0.00
21	2	20	24	226.80	19.20	1.52	20.14	999.00	210.20	16.59	1.55	18.19	182.10	4.81	4.29	12.65	999.00	7.99	999.00	5.97	0.00
21	2	21	1	228.80	17.02	2.16	19.86	999.00	207.60	15.74	3.08	17.22	178.90	5.04	5.03	11.72	999.00	999.00	999.00	5.85	0.00
21	2	21	2	211.70	14.92	3.33	999.00	999.00	197.20	15.71	2.83	18.90	176.50	5.03	5.66	11.11	999.00	999.00	999.00	7.58	0.00
21	2	21	3	199.40	23.71	1.02	999.00	999.00	188.00	19.96	1.52	18.41	173.50	4.52	8.58	10.87	999.00	999.00	999.00	7.59	0.00
21	2	21	4	198.20	23.24	1.27	19.12	999.00	182.90	17.59	1.16	16.43	168.50	4.02	6.83	11.20	999.00	7.99	999.00	4.41	0.00
21	2	21	5	195.90	24.29	2.15	19.15	999.00	184.50	19.27	2.79	16.33	175.00	4.39	8.70	10.86	999.00	999.00	999.00	6.07	0.00
21	2	21	6	188.40	25.99	1.81	18.10	999.00	174.10	19.46	1.98	15.79	156.60	4.24	7.68	10.54	999.00	7.97	999.00	5.12	0.00
21	2	21	7	184.00	22.59	0.96	17.69	999.00	170.80	16.76	0.90	15.36	156.20	3.48	6.21	10.48	999.00	7.81	999.00	5.12	0.00
21	2	21	8	189.30	22.67	0.57	17.41	999.00	182.00	18.44	0.85	15.99	171.60	3.30	6.38	9.37	999.00	999.00	999.00	6.79	0.00
21	2	21	9	190.20	21.59	0.99	18.33	999.00	180.60	17.18	1.25	16.68	176.70	4.61	12.33	11.62	999.00	4.63	999.00	3.51	0.00
21	2	21	10	185.50	17.50	1.98	18.06	999.00	173.20	12.75	3.44	16.33	176.00	5.09	14.44	16.23	999.00	-0.55	999.00	-0.11	0.00
21	2	21	11	179.70	16.08	2.34	18.06	999.00	169.30	14.02	3.43	16.33	169.70	6.60	16.36	16.23	999.00	-3.32	999.00	-1.15	0.00
21	2	21	12	173.60	14.07	5.46	22.98	999.00	164.80	13.19	5.72	23.39	168.20	8.10	14.98	26.45	999.00	-3.57	999.00	-1.44	0.00
21	2	21	13	170.80	13.37	4.32	25.32	999.00	163.10	12.49	5.64	25.80	163.90	7.63	14.86	29.20	999.00	-3.89	999.00	-1.45	0.00
21	2	21	14	150.10	12.61	7.07	25.32	999.00	139.90	12.57	8.05	25.80	142.40	8.00	16.35	29.20	999.00	-3.47	999.00	-1.78	0.00
21	2	21	15	159.40	13.91	6.76	28.50	999.00	151.60	13.44	6.70	28.97	155.40	7.93	14.63	31.48	999.00	-2.88	999.00	-1.37	0.00
21	2	21	16	132.70	16.25	4.10	29.32	999.00	123.40	15.91	5.04	29.80	123.60	8.58	14.06	32.01	999.00	-2.46	999.00	-1.61	0.00
21	2	21	17	125.30	17.15	3.37	29.90	999.00	114.40	16.32	3.66	30.30	110.50	7.94	12.99	31.87	999.00	-1.63	999.00	-0.86	0.00
21	2	21	18	130.00	18.31	3.35	30.26	999.00	118.80	16.80	4.39	30.46	111.40	7.60	11.53	30.99	999.00	-0.41	999.00	0.16	0.00

21	2	21	19	141.70	16.89	4.14	30.37	999.00	131.00	15.30	5.50	30.57	131.20	7.63	12.73	30.52	999.00	-0.65	999.00	-0.49	0.00
21	2	21	20	139.40	20.32	4.45	30.55	999.00	128.40	18.79	5.80	30.78	128.20	9.60	12.14	31.18	999.00	-0.62	999.00	-0.43	0.00
21	2	21	21	153.60	22.12	4.51	30.85	999.00	144.30	18.80	5.29	31.06	144.00	9.33	13.19	31.53	999.00	-0.70	999.00	-0.49	0.00
21	2	21	22	156.50	22.16	4.25	32.25	999.00	145.50	19.11	5.04	32.26	144.40	9.17	14.76	32.33	999.00	-0.09	999.00	-0.09	0.00
21	2	21	23	155.80	25.79	5.57	33.42	999.00	144.10	22.05	5.86	33.47	139.20	10.20	12.36	33.60	999.00	0.21	999.00	-0.13	0.00
21	2	21	24	178.30	20.68	9.71	35.04	999.00	170.60	18.18	10.81	35.11	181.40	8.46	21.74	35.23	999.00	-0.09	999.00	-0.11	0.00
21	2	22	1	177.50	25.11	5.24	33.94	999.00	168.30	22.20	5.50	34.43	168.50	11.27	12.49	34.87	999.00	-1.17	999.00	-0.45	0.00
21	2	22	2	169.70	28.10	4.92	33.51	999.00	159.90	24.87	5.39	34.05	158.80	12.79	13.09	33.65	999.00	0.47	999.00	0.49	0.00
21	2	22	3	185.70	28.19	5.19	37.16	999.00	175.00	25.12	6.19	37.33	176.80	14.38	13.76	36.15	999.00	1.34	999.00	1.72	0.00
21	2	22	4	193.50	29.80	4.87	38.78	999.00	183.70	27.48	5.28	39.05	185.70	15.13	12.99	37.90	999.00	0.52	999.00	0.99	0.00
21	2	22	5	205.50	31.41	4.37	38.56	999.00	195.50	28.01	4.75	38.90	196.30	14.39	14.59	38.54	999.00	-0.34	999.00	0.08	0.00
21	2	22	6	208.50	26.91	3.97	38.56	999.00	198.20	24.00	4.57	38.90	199.30	12.21	13.37	38.54	999.00	-0.86	999.00	-0.48	0.00
21	2	22	7	215.60	27.91	4.97	36.35	999.00	204.40	25.30	5.36	37.46	205.80	14.21	11.89	37.51	999.00	-1.42	999.00	-0.09	0.00
21	2	22	8	240.50	27.90	4.68	34.87	999.00	228.30	26.29	4.52	36.47	230.50	17.56	7.81	36.65	999.00	-1.67	999.00	-0.36	0.00
21	2	22	9	235.10	27.29	4.83	34.33	999.00	224.00	25.87	5.02	35.42	225.30	16.79	10.27	36.01	999.00	-1.82	999.00	-0.57	0.00
21	2	22	10	239.60	24.45	3.99	33.93	999.00	227.40	23.03	3.79	34.82	227.80	15.70	7.78	35.38	999.00	-1.49	999.00	-0.55	0.00
21	2	22	11	246.40	26.79	5.17	32.12	999.00	234.10	25.28	5.56	33.61	236.10	18.39	8.43	34.02	999.00	-2.10	999.00	-1.42	0.00
21	2	22	12	254.10	31.24	5.73	32.30	999.00	241.20	28.47	6.88	33.28	242.00	18.55	10.85	34.50	999.00	-2.28	999.00	-1.02	0.00
21	2	22	13	250.40	26.79	6.28	31.88	999.00	238.10	25.43	6.91	32.49	240.50	17.84	10.45	33.96	999.00	-2.04	999.00	-1.59	0.00
21	2	22	14	254.30	31.23	4.55	31.06	999.00	241.70	29.13	5.34	31.63	244.20	20.16	8.96	33.14	999.00	-2.08	999.00	-1.70	0.00
21	2	22	15	251.90	29.59	4.70	30.69	999.00	239.20	28.04	5.04	31.18	241.50	18.94	9.17	32.80	999.00	-2.04	999.00	-1.68	0.00
21	2	22	16	242.50	25.74	4.94	29.55	999.00	229.70	24.86	4.86	30.03	230.70	18.53	8.82	31.62	999.00	-1.98	999.00	-1.67	0.00
21	2	22	17	238.40	25.71	4.46	28.88	999.00	227.10	24.50	4.23	29.40	228.10	17.98	7.49	30.83	999.00	-1.91	999.00	-1.76	0.00
21	2	22	18	238.60	25.51	4.89	999.00	999.00	226.90	24.72	4.41	999.00	228.00	18.32	7.87	30.40	999.00	-1.69	999.00	-1.38	0.00
21	2	22	19	233.00	26.06	4.42	28.90	999.00	221.90	24.63	4.22	29.58	222.20	16.34	8.37	30.47	999.00	-1.46	999.00	-1.41	0.00
21	2	22	20	235.50	27.82	3.86	28.90	999.00	224.80	25.62	4.05	29.58	224.90	17.51	8.00	30.47	999.00	-1.38	999.00	-1.10	0.00
21	2	22	21	223.90	23.35	4.38	30.80	999.00	213.50	21.34	4.47	31.47	213.40	13.10	9.79	32.11	999.00	-1.24	999.00	-0.71	0.00
21	2	22	22	212.60	25.15	4.09	31.01	999.00	202.20	22.88	4.69	31.63	203.80	12.26	11.09	32.14	999.00	-1.14	999.00	-0.70	0.00
21	2	22	23	210.30	25.59	4.64	31.66	999.00	199.80	22.69	5.32	32.27	201.60	11.76	12.33	32.64	999.00	-0.79	999.00	-0.56	0.00
21	2	22	24	211.70	25.27	4.68	32.83	999.00	201.70	22.91	5.53	33.65	202.30	13.16	13.11	33.53	999.00	-0.74	999.00	-0.62	0.00
21	2	23	1	210.10	24.90	4.53	32.98	999.00	198.90	22.32	5.57	34.71	198.40	11.94	12.93	34.19	999.00	-1.67	999.00	-0.58	0.00
21	2	23	2	214.00	25.99	4.82	35.26	999.00	202.50	23.18	5.33	36.25	202.10	12.08	13.21	35.43	999.00	0.37	999.00	-0.32	0.00
21	2	23	3	211.10	20.97	3.05	36.20	999.00	200.00	18.33	3.59	36.52	200.50	8.96	12.68	36.66	999.00	-0.53	999.00	-0.30	0.00
21	2	23	4	221.90	27.86	6.79	37.84	999.00	211.50	25.08	7.20	37.96	212.30	15.15	11.16	37.88	999.00	-0.41	999.00	-0.22	0.00
21	2	23	5	228.20	29.11	4.57	39.09	999.00	217.70	26.69	4.64	39.41	217.80	18.22	8.43	39.64	999.00	-0.58	999.00	-0.31	0.00
21	2	23	6	238.70	28.11	4.47	38.13	999.00	228.00	25.76	4.17	38.46	227.20	17.13	7.08	38.61	999.00	-0.23	999.00	0.08	0.00
21	2	23	7	251.60	25.96	4.71	37.28	999.00	239.60	22.98	5.76	37.62	240.90	13.51	9.83	37.83	999.00	-0.77	999.00	-0.48	0.00
21	2	23	8	248.50	25.79	3.67	36.77	999.00	235.70	23.54	3.76	37.08	233.90	15.00	7.86	37.47	999.00	-0.55	999.00	-0.14	0.00
21	2	23	9	256.10	23.11	4.24	36.88	999.00	243.20	20.80	5.08	37.23	242.90	13.16	9.16	37.74	999.00	-1.39	999.00	-0.83	0.00
21	2	23	10	252.90	21.95	3.08	37.36	999.00	240.10	19.86	4.11	37.78	238.30	12.36	9.60	38.94	999.00	-1.86	999.00	-1.14	0.00
21	2	23	11	272.70	22.03	6.65	38.29	999.00	260.40	20.16	7.53	38.79	259.70	13.57	9.64	40.20	999.00	-1.74	999.00	-1.29	0.00
21	2	23	12	258.10	16.85	6.29	39.29	999.00	245.50	16.19	6.46	39.85	240.70	11.01	11.18	41.83	999.00	-2.56	999.00	-1.42	0.00
21	2	23	13	249.80	23.16	3.67	39.62	999.00	239.30	21.13	4.87	40.12	236.60	13.35	9.32	41.89	999.00	-2.07	999.00	-1.25	0.00
21	2	23	14	256.80	27.53	3.93	39.72	999.00	245.90	25.38	5.37	40.19	244.10	16.94	9.32	41.80	999.00	-1.98	999.00	-1.32	0.00
21	2	23	15	255.00	21.00	4.36	40.22	999.00	242.90	18.78	5.16	40.63	236.90	11.45	10.27	42.31	999.00	-2.17	999.00	-1.28	0.00
21	2	23	16	234.40	20.32	3.32	41.03	999.00	224.50	19.19	3.16	41.43	221.90	12.43	8.14	42.56	999.00	-1.65	999.00	-0.85	0.00

21	2	23	17	228.40	22.12	3.12	41.03	999.00	218.90	19.95	3.86	41.43	216.10	12.52	8.16	42.56	999.00	-1.68	999.00	-0.84	0.00
21	2	23	18	232.10	20.69	3.83	39.37	999.00	222.90	18.41	4.18	39.69	220.00	11.18	8.51	40.39	999.00	-0.78	999.00	-0.20	0.00
21	2	23	19	232.00	19.77	3.26	39.01	999.00	218.70	16.98	3.30	39.04	211.90	7.33	9.18	38.72	999.00	1.21	999.00	0.81	0.00
21	2	23	20	222.50	21.69	2.62	38.21	999.00	212.40	19.01	3.25	38.22	209.70	8.96	10.99	37.79	999.00	0.06	999.00	0.18	0.00
21	2	23	21	224.30	22.35	3.19	37.74	999.00	214.50	19.06	4.23	37.83	211.20	9.15	11.21	37.58	999.00	0.05	999.00	0.07	0.00
21	2	23	22	222.40	19.87	2.67	37.88	999.00	210.30	17.10	3.46	38.00	201.60	7.73	11.90	37.75	999.00	0.37	999.00	0.41	0.00
21	2	23	23	224.00	18.24	2.54	999.00	999.00	211.70	15.60	2.91	999.00	200.50	6.43	11.86	37.59	999.00	0.52	999.00	0.50	0.00
21	2	23	24	225.70	17.79	2.38	38.61	999.00	212.40	14.92	2.26	38.48	202.00	5.32	11.58	37.58	999.00	1.20	999.00	0.95	0.00
21	2	24	1	216.20	14.76	2.74	39.11	999.00	199.90	12.05	2.95	38.82	176.80	4.38	10.39	37.70	999.00	1.66	999.00	1.33	0.00
21	2	24	2	193.70	18.45	2.34	39.56	999.00	173.90	15.41	2.32	38.65	158.40	4.58	10.72	36.79	999.00	3.52	999.00	2.03	0.00
21	2	24	3	182.50	21.88	2.69	39.18	999.00	170.00	18.45	2.77	38.70	161.10	7.59	11.66	37.35	999.00	1.46	999.00	1.01	0.00
21	2	24	4	201.90	15.31	2.09	39.50	999.00	196.40	12.33	2.11	39.12	199.80	3.39	13.84	38.07	999.00	1.72	999.00	1.35	0.00
21	2	24	5	183.80	17.02	4.32	39.50	999.00	170.50	13.69	4.92	39.12	154.70	4.49	12.21	38.07	999.00	1.22	999.00	1.05	0.00
21	2	24	6	176.70	24.24	2.46	40.14	999.00	164.80	20.59	2.72	39.83	159.90	8.40	11.38	38.33	999.00	1.78	999.00	1.14	0.00
21	2	24	7	186.20	25.82	5.01	41.00	999.00	175.30	21.47	5.47	40.75	172.70	9.03	14.43	39.78	999.00	1.44	999.00	1.06	0.00
21	2	24	8	191.20	28.16	3.74	43.23	999.00	180.50	24.38	4.49	42.94	180.30	11.81	12.11	41.88	999.00	1.30	999.00	0.81	0.00
21	2	24	9	202.30	32.02	3.12	43.75	999.00	191.20	28.37	3.42	43.64	192.00	14.81	12.20	43.43	999.00	-0.23	999.00	0.13	0.00
21	2	24	10	208.30	31.56	3.52	44.56	999.00	198.10	27.73	4.35	44.55	200.40	14.29	13.37	45.12	999.00	-1.26	999.00	-0.83	0.00
21	2	24	11	215.30	30.20	3.26	45.58	999.00	204.40	26.62	3.92	45.70	204.70	14.51	11.45	47.02	999.00	-1.09	999.00	-0.56	0.00
21	2	24	12	225.90	31.61	4.18	47.70	999.00	216.70	28.74	4.28	47.88	217.40	19.54	8.07	48.93	999.00	-1.14	999.00	-0.60	0.00
21	2	24	13	237.10	29.90	4.67	46.69	999.00	228.30	27.62	4.32	47.03	229.00	17.34	8.54	47.64	999.00	-0.49	999.00	0.01	0.00
21	2	24	14	236.20	29.68	4.23	45.92	999.00	227.50	28.22	4.01	46.31	228.40	19.66	7.66	46.85	999.00	-0.98	999.00	-0.50	0.00
21	2	24	15	237.30	26.58	4.37	45.33	999.00	227.50	25.47	3.85	45.75	226.60	17.07	7.77	46.63	999.00	-1.40	999.00	-0.59	0.00
21	2	24	16	249.30	26.41	4.83	45.33	999.00	239.10	24.55	5.06	45.77	236.80	15.55	9.76	46.69	999.00	-1.67	999.00	-1.03	0.00
21	2	24	17	257.20	23.95	4.03	44.85	999.00	245.40	22.20	4.52	45.15	241.80	13.16	8.79	46.14	999.00	-0.60	999.00	-0.09	0.00
21	2	24	18	273.50	26.87	4.32	43.74	999.00	263.10	24.13	5.58	44.01	259.50	13.75	9.18	44.41	999.00	-0.81	999.00	-0.47	0.00
21	2	24	19	297.60	25.84	4.89	41.15	999.00	287.90	23.41	5.25	41.44	285.50	13.72	9.67	41.65	999.00	-0.47	999.00	-0.15	0.00
21	2	24	20	287.20	21.04	4.83	38.97	999.00	276.80	19.42	5.11	39.24	273.00	12.10	7.45	39.44	999.00	-0.72	999.00	-0.24	0.00
21	2	24	21	288.10	20.63	4.41	38.97	999.00	277.10	18.86	5.02	39.24	270.50	11.51	8.34	39.44	999.00	-0.73	999.00	-0.38	0.00
21	2	24	22	319.40	24.38	5.76	37.80	999.00	304.90	21.92	6.14	38.04	298.00	11.38	11.17	38.32	999.00	-0.15	999.00	-0.07	0.00
21	2	24	23	334.90	24.02	1.65	37.24	999.00	322.80	21.05	3.45	37.18	317.40	11.41	9.17	37.11	999.00	0.42	999.00	0.29	0.00
21	2	24	24	333.00	19.70	3.46	36.22	999.00	319.20	17.49	3.90	36.08	315.60	8.90	9.16	35.71	999.00	0.89	999.00	0.77	0.00
21	2	25	1	324.10	18.90	3.25	35.14	999.00	309.00	16.80	4.15	35.20	294.00	8.07	9.57	34.98	999.00	0.39	999.00	0.61	0.00
21	2	25	2	319.90	14.21	1.90	34.24	999.00	298.70	13.74	3.04	33.94	272.50	6.04	7.86	33.34	999.00	1.18	999.00	1.15	0.00
21	2	25	3	307.50	14.65	2.40	33.30	999.00	291.40	12.21	3.26	33.34	260.20	4.93	5.50	32.25	999.00	0.71	999.00	0.93	0.00
21	2	25	4	298.20	16.29	3.03	33.30	999.00	282.70	14.85	2.93	33.21	261.70	6.67	6.82	31.46	999.00	1.21	999.00	1.25	0.00
21	2	25	5	318.00	17.70	3.82	31.14	999.00	306.30	16.33	4.38	31.40	301.70	9.44	9.63	31.03	999.00	-0.68	999.00	-0.38	0.00
21	2	25	6	329.10	17.89	1.42	30.17	999.00	320.00	17.44	2.15	30.57	316.60	10.75	8.91	31.03	999.00	-0.83	999.00	-0.41	0.00
21	2	25	7	331.30	14.53	3.05	29.04	999.00	319.60	14.03	3.57	29.48	311.30	8.42	8.42	29.86	999.00	-0.83	999.00	-0.31	0.00
21	2	25	8	336.10	10.35	2.40	29.04	999.00	324.90	9.87	3.36	29.48	315.90	5.27	10.34	29.86	999.00	-1.22	999.00	-0.90	0.00
21	2	25	9	308.50	6.45	8.51	27.50	999.00	290.90	6.46	8.16	27.97	263.70	5.94	8.48	29.43	999.00	-1.90	999.00	-1.56	0.00
21	2	25	10	283.40	5.47	7.85	27.11	999.00	272.30	5.46	9.61	27.69	264.10	5.14	13.25	29.82	999.00	-2.86	999.00	-2.30	0.00
21	2	25	11	237.00	5.93	7.40	27.11	999.00	223.50	6.14	6.72	27.69	215.30	6.05	11.54	29.82	999.00	-3.55	999.00	-1.93	0.00
21	2	25	12	243.30	11.50	6.27	29.59	999.00	233.40	11.44	6.84	30.14	228.80	9.47	9.43	33.07	999.00	-3.44	999.00	-2.31	0.00
21	2	25	13	251.30	12.37	6.81	31.72	999.00	241.70	11.59	7.82	32.28	236.50	9.39	14.04	34.94	999.00	-3.21	999.00	-2.25	0.00
21	2	25	14	263.60	14.79	15.45	34.55	999.00	253.00	14.40	15.52	35.10	248.30	10.66	16.72	37.76	999.00	-3.40	999.00	-2.69	0.00

21	2	25	15	248.80	14.77	6.50	35.70	999.00	239.00	14.30	6.04	36.25	234.10	11.42	12.22	39.11	999.00	-3.34	999.00	-2.30	0.00
21	2	25	16	247.00	16.38	6.33	36.14	999.00	238.70	15.81	6.76	36.74	236.40	11.80	10.91	39.36	999.00	-3.21	999.00	-1.98	0.00
21	2	25	17	242.20	15.30	4.36	36.54	999.00	233.90	14.89	4.76	37.10	233.80	9.97	9.55	39.05	999.00	-1.74	999.00	-0.82	0.00
21	2	25	18	233.80	15.21	3.40	36.99	999.00	225.30	14.33	3.54	37.46	223.00	9.32	7.97	38.53	999.00	-1.35	999.00	-0.56	0.00
21	2	25	19	230.10	16.43	1.87	36.75	999.00	219.80	14.55	1.77	37.02	212.40	6.25	9.59	36.81	999.00	0.66	999.00	0.75	0.00
21	2	25	20	235.90	17.30	1.81	36.05	999.00	225.10	15.28	1.94	36.02	219.20	8.15	7.09	35.31	999.00	0.56	999.00	0.45	0.00
21	2	25	21	247.50	17.48	2.59	35.33	999.00	233.20	14.70	2.59	35.28	222.40	7.07	5.74	34.64	999.00	0.90	999.00	0.71	0.00
21	2	25	22	273.40	18.50	3.49	34.91	999.00	257.30	15.34	4.10	34.76	246.10	6.84	7.71	33.98	999.00	1.00	999.00	0.68	0.00
21	2	25	23	293.80	18.15	1.93	34.25	999.00	282.70	15.71	2.06	34.11	267.80	6.38	5.60	33.13	999.00	1.49	999.00	1.58	0.00
21	2	25	24	305.60	19.36	0.97	33.39	999.00	293.80	16.80	2.43	33.34	285.10	6.53	10.79	32.28	999.00	1.01	999.00	1.09	0.00
21	2	26	1	309.10	16.28	0.67	32.68	999.00	294.50	14.27	1.69	32.58	271.60	5.58	7.20	31.65	999.00	1.33	999.00	1.23	0.00
21	2	26	2	322.20	13.36	1.01	31.97	999.00	306.30	11.68	1.65	31.85	287.50	3.95	5.50	30.56	999.00	1.52	999.00	1.37	0.00
21	2	26	3	345.00	11.16	2.11	31.37	999.00	330.80	9.49	2.41	31.43	16.21	1.75	31.88	29.58	999.00	2.13	999.00	1.57	0.00
21	2	26	4	351.60	9.32	2.63	30.99	999.00	339.20	8.21	6.52	31.08	50.30	1.34	27.97	29.37	999.00	1.09	999.00	-0.03	0.00
21	2	26	5	21.49	7.48	9.55	30.60	999.00	9.98	6.55	10.52	30.87	0.16	4.09	19.02	30.92	999.00	-0.34	999.00	-0.28	0.00
21	2	26	6	84.00	5.91	5.18	30.53	999.00	78.20	5.72	6.67	30.81	162.80	4.24	4.30	28.55	999.00	3.17	999.00	3.19	0.00
21	2	26	7	88.20	9.59	1.84	30.05	999.00	88.80	9.00	2.31	29.83	122.70	3.68	6.87	27.01	999.00	2.93	999.00	2.69	0.00
21	2	26	8	108.30	13.39	2.17	29.64	999.00	104.30	11.83	3.00	29.72	125.10	4.69	9.34	27.38	999.00	1.51	999.00	1.70	0.00
21	2	26	9	128.30	18.67	5.91	29.20	999.00	120.70	15.99	7.03	29.22	123.00	7.81	14.34	28.99	999.00	-1.03	999.00	-0.89	0.00
21	2	26	10	139.90	15.69	5.60	29.12	999.00	130.50	14.59	6.80	29.54	128.80	8.37	13.05	30.97	999.00	-1.74	999.00	-1.17	0.00
21	2	26	11	148.50	13.00	8.77	30.11	999.00	138.80	12.38	10.54	30.60	141.10	7.75	15.08	32.18	999.00	-2.22	999.00	-1.35	0.00
21	2	26	12	138.50	9.71	5.80	31.23	999.00	128.40	9.54	7.58	31.74	131.10	6.57	13.48	33.53	999.00	-2.28	999.00	-1.43	0.00
21	2	26	13	155.10	10.46	12.46	32.80	999.00	144.90	10.18	13.25	33.31	146.60	7.03	19.75	35.76	999.00	-3.68	999.00	-1.64	0.00
21	2	26	14	123.20	13.00	6.75	34.06	999.00	102.30	11.23	8.78	34.47	101.20	6.03	18.66	37.46	999.00	-3.45	999.00	-2.84	0.00
21	2	26	15	86.00	11.70	6.28	34.12	999.00	67.84	12.00	5.32	34.49	68.76	9.20	11.60	37.01	999.00	-2.62	999.00	-1.70	0.00
21	2	26	16	88.90	18.74	3.28	34.13	999.00	72.30	16.99	4.27	34.12	77.90	9.97	12.00	36.16	999.00	-2.19	999.00	-1.72	0.00
21	2	26	17	91.80	18.90	1.85	33.56	999.00	76.20	18.70	2.57	33.49	77.00	10.58	11.37	35.19	999.00	-0.87	999.00	-0.89	0.00
21	2	26	18	103.00	15.46	2.31	33.55	999.00	81.10	15.72	3.46	32.98	80.70	7.17	12.51	33.90	999.00	0.23	999.00	-0.54	0.00
21	2	26	19	113.60	17.65	3.13	33.13	999.00	96.90	16.90	3.40	32.72	99.50	7.03	13.14	32.97	999.00	0.15	999.00	-0.20	0.00
21	2	26	20	121.50	15.70	0.83	35.63	999.00	99.60	13.37	2.58	34.29	79.00	5.52	9.75	33.12	999.00	3.49	999.00	2.16	0.00
21	2	26	21	122.20	17.63	0.71	37.30	999.00	107.00	13.51	0.67	36.23	80.80	5.14	7.40	32.78	999.00	4.92	999.00	4.25	0.00
21	2	26	22	132.90	18.14	2.39	37.81	999.00	115.80	16.56	2.74	37.49	105.50	4.92	7.78	33.32	999.00	4.24	999.00	3.64	0.00
21	2	26	23	138.20	17.42	1.72	37.89	999.00	122.80	16.05	1.68	37.69	105.20	4.81	9.77	34.16	999.00	3.68	999.00	2.95	0.00
21	2	26	24	145.90	17.08	4.77	37.69	999.00	127.60	15.36	6.30	37.37	118.30	5.34	14.55	34.61	999.00	3.24	999.00	2.84	0.00
21	2	27	1	166.40	16.02	3.28	37.59	999.00	146.70	13.64	3.87	37.22	110.60	5.33	8.43	34.65	999.00	3.04	999.00	2.59	0.00
21	2	27	2	170.00	20.70	3.03	36.94	999.00	154.90	16.55	3.97	36.43	120.20	5.28	10.33	33.69	999.00	3.98	999.00	1.67	0.01
21	2	27	3	181.00	21.72	4.43	38.39	999.00	171.50	18.11	5.07	38.22	169.90	7.74	12.88	36.13	999.00	0.65	999.00	-0.39	0.00
21	2	27	4	184.40	23.09	4.42	39.63	999.00	175.30	20.04	5.13	40.48	177.00	10.87	11.59	40.36	999.00	-0.90	999.00	-0.56	0.00
21	2	27	5	196.90	24.32	4.98	39.66	999.00	188.10	21.77	5.40	40.85	191.40	11.76	13.21	40.82	999.00	-1.41	999.00	-2.06	0.02
21	2	27	6	241.90	20.82	5.22	38.99	999.00	231.30	18.76	5.59	40.30	233.50	10.69	9.20	40.34	999.00	-1.25	999.00	-2.17	0.03
21	2	27	7	256.30	22.73	5.20	38.40	999.00	242.80	20.28	5.91	39.58	241.70	11.54	10.70	39.40	999.00	-1.14	999.00	-2.24	0.02
21	2	27	8	257.40	18.74	3.11	37.82	999.00	243.90	16.93	3.78	39.14	240.90	9.28	8.77	39.33	999.00	-1.45	999.00	-2.00	0.00
21	2	27	9	269.30	18.61	6.24	36.40	999.00	256.70	16.79	7.16	38.04	255.00	9.85	11.25	38.49	999.00	-2.51	999.00	-2.88	0.00
21	2	27	10	271.90	15.80	5.84	35.90	999.00	258.90	14.48	5.94	37.77	257.20	9.64	9.88	38.40	999.00	-2.42	999.00	-3.26	0.00
21	2	27	11	266.10	12.28	6.96	36.12	999.00	254.50	11.44	7.91	37.77	248.60	8.52	11.46	38.63	999.00	-2.65	999.00	-3.51	0.00
21	2	27	12	251.20	15.35	4.49	36.12	999.00	239.20	14.88	5.25	37.77	237.40	10.76	11.09	38.63	999.00	-3.75	999.00	-4.00	0.00

21	2	27	13	237.00	13.81	3.93	39.73	999.00	227.20	13.66	3.66	40.78	227.20	11.13	8.08	43.66	999.00	-3.92	999.00	-4.00	0.00
21	2	27	14	236.40	14.59	4.85	41.50	999.00	227.70	14.55	4.86	42.69	227.70	10.89	11.17	45.33	999.00	-3.35	999.00	-4.00	0.00
21	2	27	15	236.50	15.43	4.98	41.76	999.00	227.80	15.33	4.78	43.49	226.60	11.47	9.84	44.12	999.00	-1.99	999.00	-3.95	0.00
21	2	27	16	235.70	13.92	4.68	43.02	999.00	228.40	13.68	5.10	44.05	230.10	9.84	9.96	45.96	999.00	-2.98	999.00	-4.00	0.00
21	2	27	17	233.80	12.40	3.58	44.10	999.00	227.70	12.42	3.12	44.63	226.90	9.18	8.39	46.62	999.00	-1.97	999.00	-1.03	0.00
21	2	27	18	227.90	9.44	3.49	44.73	999.00	221.60	9.04	2.97	45.31	217.70	5.55	6.11	45.92	999.00	-0.39	999.00	-0.80	0.00
21	2	27	19	211.70	9.05	4.22	44.81	999.00	204.20	8.11	4.22	45.29	188.70	2.75	10.52	44.51	999.00	0.78	999.00	-0.55	0.00
21	2	27	20	169.70	10.08	4.93	43.76	999.00	158.50	9.63	5.62	44.16	151.00	4.14	10.59	42.89	999.00	0.27	999.00	-0.85	0.00
21	2	27	21	179.20	17.33	1.79	40.12	999.00	168.90	14.79	2.62	40.46	166.10	5.26	11.20	39.94	999.00	0.27	999.00	-0.41	0.00
21	2	27	22	182.20	19.66	2.96	39.53	999.00	170.90	15.06	3.09	39.22	170.00	5.08	10.07	38.31	999.00	1.78	999.00	0.15	0.00
21	2	27	23	177.40	19.45	1.77	39.35	999.00	166.50	15.63	1.94	38.77	168.60	4.93	12.45	37.69	999.00	1.59	999.00	0.27	0.00
21	2	27	24	171.90	17.79	0.71	42.82	999.00	166.70	14.90	1.28	40.31	141.80	3.04	6.70	37.43	999.00	6.93	999.00	5.13	0.00
21	2	28	1	147.20	12.31	0.88	45.07	999.00	144.40	9.73	1.47	44.22	78.10	4.57	6.33	36.99	999.00	999.00	999.00	7.97	0.00
21	2	28	2	135.10	10.49	2.28	999.00	999.00	114.90	10.91	3.98	42.64	96.90	4.49	6.74	35.52	999.00	999.00	999.00	4.95	0.00
21	2	28	3	140.00	14.52	2.04	41.34	999.00	105.60	12.96	2.60	38.74	77.00	5.59	8.89	35.21	999.00	6.35	999.00	3.37	0.00
21	2	28	4	124.10	15.14	3.26	39.79	999.00	95.60	14.44	3.18	37.43	86.40	5.72	11.08	34.31	999.00	5.08	999.00	3.43	0.00
21	2	28	5	119.90	20.26	3.37	39.12	999.00	98.50	19.85	6.44	37.95	95.00	7.56	13.92	34.54	999.00	5.04	999.00	4.21	0.00
21	2	28	6	100.30	23.37	4.06	39.42	999.00	78.70	23.60	2.96	37.45	75.60	9.51	12.34	35.19	999.00	3.86	999.00	2.26	0.00
21	2	28	7	116.30	24.74	2.52	39.54	999.00	98.30	21.77	4.42	37.96	96.40	8.92	12.62	35.64	999.00	2.02	999.00	0.44	0.00
21	2	28	8	129.60	17.42	1.93	38.04	999.00	107.50	15.15	1.92	37.58	85.80	5.06	12.00	35.66	999.00	2.56	999.00	1.68	0.00
21	2	28	9	151.70	13.37	3.68	39.04	999.00	119.40	10.55	6.18	38.44	84.80	3.41	20.77	35.40	999.00	4.57	999.00	2.94	0.00
21	2	28	10	197.40	21.37	3.39	43.79	999.00	186.10	19.52	2.98	43.66	156.10	4.92	9.26	36.76	999.00	7.06	999.00	6.27	0.00
21	2	28	11	273.10	10.37	17.47	43.79	999.00	272.70	10.10	15.90	43.66	284.10	7.19	15.62	36.76	999.00	-0.73	999.00	0.12	0.00
21	2	28	12	278.90	3.88	11.56	46.38	999.00	306.50	3.40	11.79	46.97	20.57	4.24	18.61	45.72	999.00	-0.24	999.00	0.71	0.00
21	2	28	13	154.90	3.15	7.71	46.29	999.00	100.20	3.67	15.59	47.31	102.80	4.59	17.23	46.61	999.00	0.37	999.00	-1.02	0.00
21	2	28	14	159.20	7.92	2.76	47.94	999.00	135.40	7.08	5.35	47.64	89.60	4.94	14.07	48.99	999.00	-1.30	999.00	-0.39	0.00
21	2	28	15	170.00	14.04	6.70	52.48	999.00	153.40	12.09	10.25	52.39	88.70	5.23	18.90	51.41	999.00	3.50	999.00	2.99	0.00
21	2	28	16	192.80	14.46	5.36	55.42	999.00	187.40	13.65	6.25	57.02	186.40	7.99	12.88	57.73	999.00	-2.35	999.00	-0.71	0.00
21	2	28	17	184.80	16.53	5.68	55.06	999.00	179.10	15.34	5.60	57.06	182.10	9.23	12.21	57.22	999.00	-1.26	999.00	-0.09	0.00
21	2	28	18	197.50	16.34	3.53	55.32	999.00	190.30	14.55	4.63	57.16	192.10	6.59	15.08	56.86	999.00	-1.88	999.00	0.11	0.00
21	2	28	19	200.50	18.17	2.50	54.82	999.00	191.00	15.51	3.01	56.53	187.60	6.21	11.79	56.31	999.00	-1.07	999.00	0.88	0.00
21	2	28	20	218.10	21.81	3.33	54.82	999.00	206.90	18.43	3.47	56.53	202.00	7.79	11.10	56.31	999.00	-0.07	999.00	1.43	0.00
21	2	28	21	256.20	25.75	7.67	55.39	999.00	244.70	23.26	8.58	56.66	245.30	13.82	10.96	55.35	999.00	-0.71	999.00	-0.09	0.00
21	2	28	22	263.90	21.59	4.41	54.44	999.00	252.60	18.97	5.43	55.38	252.00	10.79	9.46	54.92	999.00	-0.28	999.00	0.63	0.00
21	2	28	23	273.90	22.82	3.97	51.98	999.00	262.00	21.01	5.21	52.51	260.30	12.28	9.33	52.27	999.00	0.16	999.00	0.01	0.00
21	2	28	24	294.00	23.21	4.22	46.53	999.00	284.30	22.10	5.22	47.04	284.60	14.70	9.05	46.85	999.00	-1.23	999.00	-0.85	0.00
21	3	1	1	287.20	19.08	5.70	41.57	999.00	278.20	17.69	6.50	42.06	278.00	10.87	9.48	42.77	999.00	-1.06	999.00	-0.76	0.00
21	3	1	2	281.60	19.23	4.59	40.26	999.00	271.20	17.76	5.59	40.76	268.00	11.06	9.52	41.48	999.00	-1.18	999.00	-0.81	0.00
21	3	1	3	299.30	21.71	4.26	39.05	999.00	288.30	19.96	5.31	39.56	284.70	12.50	9.40	40.38	999.00	-1.19	999.00	-0.79	0.00
21	3	1	4	301.90	21.55	6.74	37.65	999.00	290.90	19.75	7.12	38.13	288.30	11.49	12.91	38.92	999.00	-1.32	999.00	-0.79	0.00
21	3	1	5	296.10	21.01	5.55	36.20	999.00	284.60	19.75	5.98	36.64	279.80	13.30	8.61	37.40	999.00	-1.28	999.00	-0.73	0.00
21	3	1	6	295.30	18.14	4.62	35.08	999.00	283.80	16.64	5.18	35.50	279.60	10.04	8.62	36.07	999.00	-0.75	999.00	-0.36	0.00
21	3	1	7	301.60	18.20	5.39	34.49	999.00	290.00	16.77	6.47	34.93	282.70	9.73	8.96	35.40	999.00	-0.84	999.00	-0.44	0.00
21	3	1	8	294.30	19.81	4.98	33.52	999.00	283.50	18.46	5.86	33.97	278.40	12.47	9.01	34.58	999.00	-1.25	999.00	-0.79	0.00
21	3	1	9	291.60	19.46	6.29	32.72	999.00	280.60	18.39	7.25	33.24	276.20	13.19	9.99	34.31	999.00	-1.79	999.00	-1.32	0.00
21	3	1	10	290.80	22.62	6.16	32.37	999.00	278.20	22.25	7.12	32.92	277.50	16.52	10.63	34.57	999.00	-2.54	999.00	-2.07	0.00

21	3	1	11	297.00	17.59	7.37	32.94	999.00	287.20	17.44	7.22	33.49	286.40	13.33	12.77	35.77	999.00	-2.74	999.00	-2.44	0.00
21	3	1	12	286.80	22.13	10.13	34.99	999.00	275.20	21.79	9.84	35.56	273.30	16.20	12.01	37.88	999.00	-2.85	999.00	-2.35	0.00
21	3	1	13	317.80	21.37	6.62	35.33	999.00	308.70	20.43	7.82	35.91	308.30	16.10	10.37	38.08	999.00	-2.71	999.00	-2.21	0.00
21	3	1	14	310.30	25.47	5.44	34.88	999.00	301.20	23.90	7.05	35.45	302.40	17.13	10.01	37.29	999.00	-2.23	999.00	-1.66	0.00
21	3	1	15	308.70	27.92	4.84	34.56	999.00	298.40	26.67	5.87	35.10	299.40	17.98	10.84	36.61	999.00	-2.04	999.00	-1.54	0.00
21	3	1	16	310.30	25.59	6.22	33.45	999.00	299.50	24.49	7.19	34.00	299.40	17.30	11.27	35.64	999.00	-2.16	999.00	-1.52	0.00
21	3	1	17	305.90	25.92	5.63	33.45	999.00	295.40	25.16	5.90	34.00	296.70	16.86	11.16	35.64	999.00	-2.50	999.00	-1.95	0.00
21	3	1	18	306.20	22.51	5.82	32.47	999.00	296.20	21.33	7.21	33.01	296.20	14.25	12.21	34.55	999.00	-1.82	999.00	-1.27	0.00
21	3	1	19	317.80	21.85	5.16	31.72	999.00	307.30	20.92	5.52	32.19	304.80	14.92	9.63	33.16	999.00	-1.27	999.00	-0.70	0.00
21	3	1	20	324.40	26.23	4.16	30.31	999.00	313.70	24.84	5.26	30.77	310.70	17.56	8.82	31.53	999.00	-1.28	999.00	-0.73	0.00
21	3	1	21	328.40	27.35	3.78	28.83	999.00	319.10	26.36	4.67	29.31	316.10	18.47	9.62	30.10	999.00	-1.34	999.00	-0.80	0.00
21	3	1	22	321.70	24.64	5.33	27.52	999.00	311.30	23.69	6.45	27.99	306.80	16.72	9.98	28.81	999.00	-1.38	999.00	-0.85	0.00
21	3	1	23	321.70	26.26	3.87	26.16	999.00	310.60	25.79	4.63	26.64	307.20	17.82	10.11	27.53	999.00	-1.39	999.00	-0.87	0.00
21	3	1	24	322.00	22.94	4.90	24.94	999.00	311.70	22.12	5.86	25.42	309.50	15.78	10.53	26.35	999.00	-1.41	999.00	-0.89	0.00
21	3	2	1	328.20	18.06	7.72	23.94	999.00	317.00	17.35	9.37	24.41	312.10	12.51	11.10	25.32	999.00	-1.32	999.00	-0.82	0.00
21	3	2	2	329.60	21.39	5.83	22.67	999.00	320.10	20.42	7.03	23.16	318.10	15.02	10.54	24.08	999.00	-1.45	999.00	-0.94	0.00
21	3	2	3	342.20	21.14	4.56	21.19	999.00	332.90	20.20	6.23	21.68	334.10	14.40	7.97	22.63	999.00	-1.39	999.00	-0.95	0.00
21	3	2	4	346.70	17.90	4.39	20.61	999.00	337.30	17.36	5.64	21.10	336.80	12.13	7.61	21.99	999.00	-1.37	999.00	-0.98	0.00
21	3	2	5	344.20	12.47	5.76	20.25	999.00	335.20	11.92	6.80	20.72	331.00	7.84	7.66	21.50	999.00	-1.15	999.00	-0.81	0.00
21	3	2	6	341.70	8.15	5.76	20.29	999.00	332.10	8.16	4.79	20.76	325.10	5.73	7.90	21.38	999.00	-0.93	999.00	-0.52	0.00
21	3	2	7	329.90	3.29	11.85	20.37	999.00	319.60	2.88	14.79	20.82	265.40	1.60	23.10	21.15	999.00	-0.60	999.00	-0.27	0.00
21	3	2	8	84.00	1.57	43.74	20.37	999.00	133.50	1.42	35.15	20.82	202.00	2.78	11.63	21.15	999.00	0.71	999.00	1.45	0.00
21	3	2	9	156.10	4.21	12.49	20.57	999.00	152.00	3.89	12.53	20.82	166.80	3.34	23.56	22.36	999.00	-2.83	999.00	-0.48	0.00
21	3	2	10	137.00	8.12	6.63	21.72	999.00	126.40	8.24	8.82	22.20	128.90	6.12	17.66	24.75	999.00	-3.30	999.00	-1.83	0.00
21	3	2	11	141.70	8.87	13.93	23.14	999.00	130.50	8.67	15.56	23.75	132.60	6.81	19.16	26.61	999.00	-3.29	999.00	-1.71	0.00
21	3	2	12	176.10	7.61	13.74	24.33	999.00	165.00	7.43	14.56	24.84	157.50	5.69	19.74	27.94	999.00	-3.63	999.00	-1.15	0.00
21	3	2	13	200.80	11.43	13.37	26.54	999.00	191.80	11.38	15.22	27.05	194.20	8.77	21.99	30.26	999.00	-3.63	999.00	-2.15	0.00
21	3	2	14	215.30	13.77	6.87	28.64	999.00	207.50	13.01	7.74	29.23	210.50	11.03	13.48	32.39	999.00	-3.74	999.00	-2.54	0.00
21	3	2	15	227.80	16.84	12.57	30.98	999.00	218.20	16.15	12.03	31.56	220.30	12.29	12.64	34.69	999.00	-3.69	999.00	-2.59	0.00
21	3	2	16	224.70	17.37	8.28	32.22	999.00	215.10	16.46	8.41	32.80	218.60	12.40	11.74	35.58	999.00	-3.34	999.00	-2.25	0.00
21	3	2	17	226.10	17.48	6.95	34.06	999.00	216.70	16.71	6.70	34.66	220.90	12.53	9.94	37.06	999.00	-2.77	999.00	-1.75	0.00
21	3	2	18	228.20	19.08	4.30	35.09	999.00	218.70	18.17	4.30	35.62	221.40	13.66	8.98	37.29	999.00	-1.81	999.00	-0.96	0.00
21	3	2	19	223.20	18.41	2.73	35.09	999.00	213.80	16.14	3.46	35.62	212.00	8.35	10.27	37.29	999.00	-0.29	999.00	-0.02	0.00
21	3	2	20	213.80	19.94	1.98	34.49	999.00	202.40	17.28	2.51	34.56	197.20	7.34	11.35	34.13	999.00	0.53	999.00	0.44	0.00
21	3	2	21	209.80	19.37	2.91	33.97	999.00	197.90	16.83	3.29	33.99	192.30	7.12	12.28	33.54	999.00	0.45	999.00	0.37	0.00
21	3	2	22	209.20	22.63	2.73	33.51	999.00	197.80	19.06	2.98	33.19	196.70	7.96	12.78	32.60	999.00	1.07	999.00	0.44	0.00
21	3	2	23	218.00	22.05	3.05	32.99	999.00	207.00	18.17	3.93	32.78	205.90	8.03	10.95	32.53	999.00	0.44	999.00	0.27	0.00
21	3	2	24	225.50	21.29	2.13	32.63	999.00	214.80	17.94	2.84	32.46	210.50	7.44	9.70	32.00	999.00	1.01	999.00	0.81	0.00
21	3	3	1	222.10	23.51	2.86	32.57	999.00	209.20	19.68	3.43	32.37	204.20	8.67	12.01	31.70	999.00	0.83	999.00	0.45	0.00
21	3	3	2	227.40	23.83	3.25	32.69	999.00	215.50	20.28	3.96	32.60	214.30	10.92	9.96	32.33	999.00	0.26	999.00	0.12	0.00
21	3	3	3	227.00	23.33	3.54	33.17	999.00	214.90	19.71	4.20	33.15	211.90	10.52	9.46	32.92	999.00	0.32	999.00	0.21	0.00
21	3	3	4	224.20	23.96	3.56	34.01	999.00	211.50	20.50	4.07	33.93	206.50	9.52	12.20	33.61	999.00	0.45	999.00	0.27	0.00
21	3	3	5	221.20	23.38	3.46	34.08	999.00	208.00	19.80	3.92	33.93	202.80	8.76	12.35	33.37	999.00	0.74	999.00	0.62	0.00
21	3	3	6	225.30	24.96	4.20	34.90	999.00	212.50	22.17	4.38	34.72	210.20	11.97	10.88	34.06	999.00	0.56	999.00	0.46	0.00
21	3	3	7	230.20	25.98	3.19	35.51	999.00	216.80	22.81	3.56	35.55	215.90	13.24	9.21	35.27	999.00	0.10	999.00	0.08	0.00
21	3	3	8	233.90	24.85	4.02	35.51	999.00	222.20	22.26	4.13	35.62	217.80	13.45	8.50	35.50	999.00	-0.29	999.00	-0.20	0.00

21	3	3	9	248.90	19.87	5.21	35.90	999.00	238.10	17.81	5.10	36.24	235.30	12.68	9.11	37.32	999.00	-1.91	999.00	-1.23	0.00
21	3	3	10	246.90	19.85	5.44	36.64	999.00	236.80	18.84	5.20	37.12	236.10	13.60	9.54	38.91	999.00	-2.55	999.00	-1.72	0.00
21	3	3	11	249.50	17.48	4.89	38.53	999.00	239.60	16.87	5.53	39.06	236.30	12.62	9.51	41.31	999.00	-3.05	999.00	-2.09	0.00
21	3	3	12	238.80	18.56	3.63	40.70	999.00	230.20	18.45	3.27	41.20	229.10	14.27	8.57	43.67	999.00	-2.88	999.00	-1.99	0.00
21	3	3	13	248.20	16.20	4.05	43.52	999.00	239.20	15.51	4.91	44.06	236.00	11.59	10.53	46.84	999.00	-3.61	999.00	-2.59	0.00
21	3	3	14	256.30	14.95	10.78	46.64	999.00	246.10	14.31	11.59	47.18	245.30	10.87	16.18	50.00	999.00	-3.30	999.00	-2.40	0.00
21	3	3	15	247.00	15.67	5.57	46.64	999.00	238.50	15.21	6.29	47.18	232.10	11.52	11.89	50.00	999.00	-3.08	999.00	-2.27	0.00
21	3	3	16	269.40	13.06	16.75	50.87	999.00	265.70	12.13	22.66	51.30	281.00	8.65	38.77	53.72	999.00	-2.66	999.00	-2.27	0.00
21	3	3	17	267.30	11.59	11.68	52.79	999.00	259.80	10.97	12.21	53.41	262.40	8.41	13.77	55.68	999.00	-2.73	999.00	-2.00	0.00
21	3	3	18	306.20	16.95	3.72	53.49	999.00	300.30	15.47	3.85	53.72	295.60	7.52	11.34	54.77	999.00	0.33	999.00	0.83	0.00
21	3	3	19	338.40	24.22	11.18	52.60	999.00	326.10	20.87	11.48	52.22	317.70	10.61	13.19	50.38	999.00	1.95	999.00	2.17	0.00
21	3	3	20	347.10	25.87	2.02	49.71	999.00	339.20	25.89	2.33	49.85	336.50	12.27	7.67	45.42	999.00	3.80	999.00	4.20	0.00
21	3	3	21	354.10	20.37	0.87	47.56	999.00	342.90	20.28	0.89	47.84	334.40	8.10	5.69	43.32	999.00	4.77	999.00	5.05	0.00
21	3	3	22	342.20	16.27	1.19	45.41	999.00	327.50	15.79	2.18	45.38	295.90	5.24	8.50	40.59	999.00	4.72	999.00	4.82	0.00
21	3	3	23	325.40	24.07	2.68	44.49	999.00	311.60	20.87	4.22	43.87	301.60	10.48	10.60	40.50	999.00	1.74	999.00	1.06	0.00
21	3	3	24	328.50	22.36	2.79	42.07	999.00	310.40	19.57	3.90	41.65	294.90	10.10	10.74	40.15	999.00	1.99	999.00	1.57	0.00
21	3	4	1	16.21	18.24	8.88	38.09	999.00	7.07	17.51	9.45	38.17	2.10	11.93	10.35	37.98	999.00	-0.49	999.00	-0.36	0.00
21	3	4	2	16.10	14.20	11.49	35.47	999.00	5.54	12.34	11.26	35.69	4.85	8.28	12.30	36.13	999.00	-0.94	999.00	-0.87	0.00
21	3	4	3	21.43	16.88	7.80	34.09	999.00	12.09	15.33	8.22	34.36	4.91	10.90	12.75	34.91	999.00	-0.78	999.00	-0.69	0.00
21	3	4	4	355.50	12.85	4.69	33.48	999.00	343.00	12.16	5.13	33.93	329.00	7.08	7.96	34.32	999.00	-0.76	999.00	-0.47	0.00
21	3	4	5	339.60	11.29	7.85	33.78	999.00	332.80	10.63	8.49	34.09	328.10	5.83	9.81	34.60	999.00	-0.99	999.00	-0.50	0.00
21	3	4	6	324.00	15.05	3.27	33.10	999.00	312.90	14.00	4.37	33.58	306.50	9.42	8.46	34.40	999.00	-1.33	999.00	-0.86	0.00
21	3	4	7	329.50	16.07	3.31	32.17	999.00	316.90	15.14	4.44	32.67	309.60	9.52	9.36	33.50	999.00	-1.24	999.00	-0.78	0.00
21	3	4	8	333.00	16.43	8.38	31.45	999.00	321.10	15.66	9.75	31.92	315.80	11.04	12.58	32.76	999.00	-1.67	999.00	-1.12	0.00
21	3	4	9	340.00	20.92	3.48	30.35	999.00	328.10	20.20	4.40	30.87	326.50	15.32	7.88	32.10	999.00	-1.79	999.00	-1.24	0.00
21	3	4	10	351.40	20.19	3.90	30.35	999.00	340.50	19.48	4.72	30.87	337.00	15.57	8.46	32.10	999.00	-1.97	999.00	-1.36	0.00
21	3	4	11	350.80	17.43	5.54	28.86	999.00	342.10	16.84	5.98	29.39	339.70	13.51	8.21	30.93	999.00	-2.06	999.00	-1.38	0.00
21	3	4	12	348.80	17.98	4.12	28.29	999.00	340.20	17.14	5.27	28.82	339.00	13.40	7.22	30.48	999.00	-2.37	999.00	-1.51	0.00
21	3	4	13	356.20	17.38	5.31	28.65	999.00	346.20	17.01	5.78	29.19	344.80	14.61	7.58	31.01	999.00	-2.43	999.00	-1.38	0.00
21	3	4	14	13.54	17.92	10.81	28.17	999.00	4.59	17.08	9.98	28.75	0.59	14.32	10.16	30.57	999.00	-2.26	999.00	-1.24	0.00
21	3	4	15	19.77	16.47	13.69	28.11	999.00	12.03	15.13	12.36	28.65	7.39	12.51	14.58	30.53	999.00	-2.72	999.00	-1.30	0.00
21	3	4	16	10.28	17.06	12.72	27.63	999.00	2.69	16.84	11.93	28.20	356.40	14.05	9.00	30.31	999.00	-2.55	999.00	-1.36	0.00
21	3	4	17	7.92	15.54	11.31	28.21	999.00	357.70	15.46	10.42	28.78	354.00	13.58	10.79	31.36	999.00	-2.57	999.00	-1.26	0.00
21	3	4	18	16.34	15.55	12.57	28.37	999.00	5.26	14.81	11.60	28.92	355.90	13.43	9.60	30.98	999.00	-2.26	999.00	-1.01	0.00
21	3	4	19	36.91	12.21	9.22	27.99	999.00	26.36	10.32	8.35	28.53	20.98	9.58	10.94	29.88	999.00	-1.67	999.00	-1.23	0.00
21	3	4	20	35.99	11.37	8.12	27.41	999.00	27.41	9.38	9.32	27.94	22.74	9.07	12.64	28.94	999.00	-1.49	999.00	-1.17	0.00
21	3	4	21	18.91	10.81	12.31	27.16	999.00	9.81	9.71	11.81	27.67	5.04	7.85	12.09	28.56	999.00	-1.33	999.00	-1.13	0.00
21	3	4	22	9.68	9.53	11.88	27.20	999.00	2.81	9.27	11.52	27.66	358.90	7.76	11.81	28.42	999.00	-1.16	999.00	-0.99	0.00
21	3	4	23	347.80	9.13	5.42	27.44	999.00	339.50	8.88	4.68	27.88	335.10	5.61	6.26	28.40	999.00	-0.75	999.00	-0.39	0.00
21	3	4	24	315.20	8.12	8.05	27.71	999.00	286.70	7.61	9.73	27.98	240.30	6.23	4.72	27.35	999.00	1.76	999.00	1.78	0.00
21	3	5	1	301.20	9.71	3.89	27.40	999.00	281.60	10.48	5.17	27.49	249.70	4.31	7.77	25.20	999.00	2.65	999.00	2.64	0.00
21	3	5	2	308.20	11.97	1.62	27.71	999.00	294.40	11.44	2.81	27.97	254.30	5.02	4.96	24.52	999.00	3.06	999.00	2.84	0.00
21	3	5	3	322.30	12.25	6.24	27.16	999.00	306.50	11.26	5.66	27.12	260.90	4.51	8.08	24.01	999.00	3.37	999.00	3.38	0.00
21	3	5	4	340.60	14.83	3.83	26.84	999.00	331.00	14.29	4.22	27.15	324.20	9.60	7.82	25.23	999.00	-0.57	999.00	-0.25	0.00
21	3	5	5	344.90	17.57	3.13	26.14	999.00	335.90	17.00	4.36	26.61	332.80	11.49	7.54	27.09	999.00	-1.13	999.00	-0.78	0.00
21	3	5	6	345.40	17.64	2.68	24.91	999.00	334.90	17.26	3.54	25.39	335.40	11.37	7.36	26.10	999.00	-1.16	999.00	-0.80	0.00

21	3	5	7	336.40	14.71	4.79	24.49	999.00	325.50	14.20	5.10	24.96	323.60	9.89	7.80	25.53	999.00	-0.95	999.00	-0.54	0.00
21	3	5	8	330.90	17.10	5.45	23.92	999.00	320.30	16.69	5.66	24.37	320.30	12.06	9.77	25.15	999.00	-1.55	999.00	-1.23	0.00
21	3	5	9	314.10	15.49	7.11	23.56	999.00	303.80	15.43	7.55	24.04	303.20	11.56	13.46	25.67	999.00	-2.30	999.00	-2.03	0.00
21	3	5	10	322.60	13.74	7.10	23.68	999.00	312.70	13.52	7.18	24.15	311.00	11.26	11.78	26.27	999.00	-2.77	999.00	-2.30	0.00
21	3	5	11	331.80	15.71	6.05	24.85	999.00	321.70	15.45	6.18	25.35	322.90	12.88	10.66	27.72	999.00	-2.96	999.00	-2.27	0.00
21	3	5	12	302.80	12.74	7.41	26.40	999.00	291.60	12.53	7.71	26.90	287.50	9.93	12.94	29.36	999.00	-3.11	999.00	-3.02	0.00
21	3	5	13	299.80	13.62	8.13	28.68	999.00	290.80	13.53	9.49	29.23	290.60	11.08	14.10	31.78	999.00	-3.06	999.00	-2.89	0.00
21	3	5	14	309.90	14.32	7.37	31.19	999.00	302.10	14.23	7.32	31.70	305.50	11.74	12.17	34.01	999.00	-2.82	999.00	-2.71	0.00
21	3	5	15	309.60	13.97	8.99	33.40	999.00	301.10	13.60	9.16	33.92	302.50	10.71	13.32	36.41	999.00	-2.91	999.00	-2.86	0.00
21	3	5	16	310.40	13.39	8.28	35.30	999.00	299.50	13.48	7.38	35.80	291.10	11.04	12.13	38.38	999.00	-3.09	999.00	-2.59	0.00
21	3	5	17	309.20	16.38	6.60	36.73	999.00	300.10	15.62	6.42	37.30	296.80	11.65	13.23	39.66	999.00	-2.72	999.00	-2.17	0.00
21	3	5	18	309.20	16.53	3.99	37.76	999.00	301.40	14.71	4.61	38.22	302.10	9.62	9.79	39.94	999.00	-1.63	999.00	-1.17	0.00
21	3	5	19	306.00	22.17	3.20	38.24	999.00	295.00	19.27	4.45	38.35	287.90	9.30	9.61	38.44	999.00	0.58	999.00	0.59	0.00
21	3	5	20	312.10	18.52	2.07	38.24	999.00	299.70	15.46	3.44	38.17	291.10	5.90	9.13	37.24	999.00	1.21	999.00	1.25	0.00
21	3	5	21	319.90	21.99	3.71	37.83	999.00	306.80	19.52	4.28	37.75	298.60	9.11	11.69	36.51	999.00	0.69	999.00	0.46	0.00
21	3	5	22	317.80	24.97	4.16	37.83	999.00	305.60	22.62	4.80	37.75	302.90	13.78	9.11	36.51	999.00	-0.44	999.00	-0.19	0.00
21	3	5	23	328.80	23.60	4.02	35.23	999.00	316.70	21.83	4.16	35.56	313.90	13.90	9.74	35.83	999.00	-0.54	999.00	-0.23	0.00
21	3	5	24	323.50	22.66	5.08	33.90	999.00	311.80	20.91	6.22	34.26	306.50	14.49	9.43	34.58	999.00	-0.83	999.00	-0.39	0.00
21	3	6	1	323.20	20.89	4.90	33.00	999.00	311.40	19.18	5.38	33.40	308.60	12.54	8.86	33.74	999.00	-0.74	999.00	-0.29	0.00
21	3	6	2	331.90	22.07	4.23	31.92	999.00	319.70	20.77	5.01	32.35	317.50	14.14	9.47	32.75	999.00	-0.86	999.00	-0.48	0.00
21	3	6	3	344.00	22.15	4.07	30.95	999.00	334.10	21.08	4.74	31.40	333.40	13.94	8.55	31.97	999.00	-1.13	999.00	-0.70	0.00
21	3	6	4	348.60	21.06	4.55	30.95	999.00	337.70	20.09	5.47	31.40	338.10	13.59	7.97	31.97	999.00	-1.24	999.00	-0.84	0.00
21	3	6	5	353.70	21.44	4.14	28.78	999.00	344.70	20.60	5.24	29.28	340.80	15.53	7.11	30.06	999.00	-1.31	999.00	-0.92	0.00
21	3	6	6	347.80	21.63	5.80	27.74	999.00	339.00	21.10	7.10	28.23	338.00	14.71	9.49	29.02	999.00	-1.29	999.00	-0.79	0.00
21	3	6	7	335.10	17.31	5.83	27.12	999.00	325.90	16.42	6.15	27.59	322.70	11.13	8.65	28.16	999.00	-0.91	999.00	-0.45	0.00
21	3	6	8	336.20	17.62	4.62	26.73	999.00	326.70	16.94	4.85	27.18	323.00	12.17	9.40	27.93	999.00	-1.57	999.00	-1.22	0.00
21	3	6	9	330.30	15.72	6.05	26.66	999.00	318.70	15.27	6.88	27.12	313.70	11.90	11.07	28.86	999.00	-2.47	999.00	-2.05	0.00
21	3	6	10	325.80	14.09	6.59	26.82	999.00	314.40	14.04	7.44	27.30	310.80	11.64	12.76	29.57	999.00	-2.94	999.00	-2.43	0.00
21	3	6	11	313.40	15.10	7.50	27.22	999.00	301.60	15.21	6.60	27.72	297.30	11.86	12.20	30.13	999.00	-2.93	999.00	-2.62	0.00
21	3	6	12	311.60	13.03	8.83	28.25	999.00	301.50	12.86	9.21	28.77	298.70	10.47	16.35	31.27	999.00	-2.94	999.00	-2.75	0.00
21	3	6	13	314.20	13.80	8.00	29.74	999.00	305.70	13.66	7.66	30.27	309.20	11.44	14.26	32.76	999.00	-3.13	999.00	-2.75	0.00
21	3	6	14	315.00	13.57	9.26	31.51	999.00	303.50	13.37	8.33	32.05	299.10	10.16	16.17	34.59	999.00	-3.07	999.00	-2.75	0.00
21	3	6	15	327.30	12.15	8.68	33.29	999.00	319.20	11.92	9.13	33.81	321.80	9.91	14.02	36.57	999.00	-3.35	999.00	-2.30	0.00
21	3	6	16	327.50	12.54	7.93	34.75	999.00	320.10	12.52	6.36	35.22	324.80	10.78	10.67	37.93	999.00	-3.26	999.00	-1.92	0.00
21	3	6	17	327.70	8.16	10.48	34.75	999.00	318.80	7.78	10.70	35.22	329.50	6.85	17.56	37.93	999.00	-3.35	999.00	-1.57	0.00
21	3	6	18	334.80	12.40	7.06	36.36	999.00	324.10	11.01	7.70	36.83	327.70	7.60	10.69	39.11	999.00	-2.37	999.00	-1.08	0.00
21	3	6	19	343.20	13.42	3.25	36.06	999.00	337.50	10.76	5.22	36.19	346.40	5.81	6.26	37.04	999.00	0.06	999.00	-0.18	0.00
21	3	6	20	1.19	11.80	6.41	35.65	999.00	355.60	9.12	13.91	35.62	14.72	4.57	22.67	35.50	999.00	0.19	999.00	-0.40	0.00
21	3	6	21	34.48	5.12	17.77	34.88	999.00	31.59	3.76	22.48	35.06	29.99	2.13	51.98	35.17	999.00	-0.58	999.00	-0.76	0.00
21	3	6	22	81.30	7.07	12.15	33.77	999.00	69.38	6.92	9.46	34.22	79.40	4.86	12.31	34.94	999.00	-1.10	999.00	-0.40	0.00
21	3	6	23	136.50	6.34	3.62	33.14	999.00	131.00	5.69	4.87	33.36	160.00	2.57	9.42	33.72	999.00	-0.33	999.00	0.00	0.00
21	3	6	24	195.90	3.65	12.99	32.03	999.00	201.10	3.33	14.50	32.32	243.90	2.10	69.46	31.62	999.00	0.65	999.00	0.98	0.00
21	3	7	1	312.10	11.13	9.39	32.49	999.00	298.70	9.94	11.12	32.71	266.50	4.78	14.49	31.10	999.00	1.73	999.00	1.69	0.00
21	3	7	2	7.81	22.62	8.59	31.82	999.00	357.90	21.98	9.23	32.24	352.40	16.92	11.41	32.32	999.00	-1.17	999.00	-1.02	0.00
21	3	7	3	14.85	14.12	11.56	30.05	999.00	6.93	13.61	11.00	30.52	7.37	9.86	13.15	31.49	999.00	-1.36	999.00	-1.11	0.00
21	3	7	4	353.20	15.43	4.04	29.16	999.00	344.10	15.17	4.44	29.64	338.10	10.43	7.16	30.49	999.00	-1.27	999.00	-0.89	0.00

21	3	7	5	342.10	15.10	3.87	27.59	999.00	333.30	14.57	4.59	28.06	331.50	9.83	7.71	28.70	999.00	-0.97	999.00	-0.67	0.00
21	3	7	6	340.40	15.53	4.31	26.40	999.00	329.60	14.88	4.74	26.87	324.00	10.62	8.85	27.41	999.00	-0.93	999.00	-0.54	0.00
21	3	7	7	347.20	17.09	4.70	26.22	999.00	338.10	16.80	5.32	26.69	334.00	10.79	8.04	27.15	999.00	-1.02	999.00	-0.81	0.00
21	3	7	8	351.50	17.75	4.63	26.21	999.00	339.40	17.27	5.33	26.67	335.90	12.41	8.50	27.68	999.00	-1.66	999.00	-1.15	0.00
21	3	7	9	17.02	14.17	13.56	26.09	999.00	6.09	13.41	13.14	26.61	5.42	10.73	15.38	28.60	999.00	-2.78	999.00	-1.00	0.00
21	3	7	10	24.64	14.36	8.63	26.77	999.00	16.91	13.59	8.36	27.23	20.77	11.94	10.43	29.63	999.00	-3.01	999.00	-0.77	0.00
21	3	7	11	33.79	12.85	7.06	27.18	999.00	23.51	11.37	7.69	27.68	20.55	11.20	11.25	30.23	999.00	-3.09	999.00	-0.80	0.00
21	3	7	12	46.72	7.65	11.23	28.08	999.00	35.52	7.08	11.53	28.59	36.45	6.90	16.49	31.42	999.00	-3.75	999.00	-1.15	0.00
21	3	7	13	48.88	7.41	13.09	28.60	999.00	35.47	6.58	13.04	29.21	25.34	7.26	24.32	31.96	999.00	-2.95	999.00	-0.62	0.00
21	3	7	14	28.01	7.76	12.75	28.86	999.00	16.58	7.60	12.07	29.44	9.00	7.33	16.82	32.18	999.00	-3.20	999.00	-0.70	0.00
21	3	7	15	68.76	6.47	13.32	29.15	999.00	55.52	6.41	13.15	29.73	46.48	6.71	17.84	32.42	999.00	-3.23	999.00	-1.66	0.00
21	3	7	16	89.50	4.36	20.46	29.86	999.00	76.00	4.57	19.94	30.51	70.80	4.27	30.64	33.30	999.00	-3.39	999.00	-1.69	0.00
21	3	7	17	93.30	8.64	7.15	29.86	999.00	83.50	8.59	9.63	30.51	97.60	6.24	17.00	33.30	999.00	-3.18	999.00	-2.01	0.00
21	3	7	18	106.40	7.86	6.36	30.29	999.00	96.50	7.87	8.87	30.87	100.20	5.68	14.43	32.75	999.00	-2.24	999.00	-1.35	0.00
21	3	7	19	124.80	9.15	4.43	30.81	999.00	116.20	9.28	3.67	31.27	128.90	4.84	12.10	32.25	999.00	-1.02	999.00	-0.57	0.00
21	3	7	20	136.70	11.29	2.27	30.96	999.00	127.00	10.87	2.60	31.24	132.30	4.93	11.37	31.67	999.00	-0.29	999.00	-0.40	0.00
21	3	7	21	152.20	14.49	3.49	30.76	999.00	139.60	12.02	4.72	30.75	135.90	5.35	12.18	30.93	999.00	-0.38	999.00	-0.43	0.00
21	3	7	22	161.50	15.75	1.89	30.48	999.00	154.80	12.58	3.24	30.14	163.50	3.61	10.98	30.03	999.00	1.45	999.00	0.46	0.00
21	3	7	23	178.70	17.28	1.58	31.38	999.00	165.90	14.97	3.13	29.98	176.70	5.12	10.21	29.21	999.00	3.52	999.00	1.07	0.00
21	3	7	24	189.90	17.63	1.75	32.69	999.00	171.80	15.05	1.73	29.97	176.90	4.64	11.05	28.57	999.00	4.46	999.00	1.07	0.00
21	3	8	1	202.10	17.80	0.86	34.00	999.00	181.10	15.70	1.58	30.21	173.70	4.18	9.18	28.29	999.00	6.32	999.00	2.10	0.00
21	3	8	2	209.70	17.94	1.20	34.61	999.00	185.50	17.94	1.71	30.59	165.90	4.40	8.40	27.70	999.00	7.99	999.00	3.97	0.00
21	3	8	3	206.60	22.07	1.25	36.33	999.00	189.30	17.58	1.80	32.24	175.70	5.57	10.12	28.43	999.00	7.47	999.00	3.34	0.00
21	3	8	4	207.00	22.20	2.14	36.83	999.00	188.60	17.30	2.79	32.82	185.00	6.60	11.13	30.61	999.00	4.12	999.00	0.82	0.00
21	3	8	5	207.70	21.94	2.16	36.83	999.00	193.60	16.90	2.96	32.82	189.80	6.69	11.98	30.61	999.00	2.42	999.00	0.71	0.00
21	3	8	6	202.50	25.34	2.62	35.47	999.00	188.20	20.12	2.85	33.68	185.90	8.00	11.57	32.90	999.00	3.38	999.00	1.46	0.00
21	3	8	7	201.00	24.13	2.72	34.49	999.00	191.20	19.83	3.46	33.91	192.10	8.87	11.77	33.32	999.00	0.52	999.00	0.02	0.00
21	3	8	8	204.20	25.70	2.23	33.76	999.00	192.90	21.96	3.34	33.39	192.30	10.22	12.59	33.44	999.00	-0.09	999.00	-0.28	0.00
21	3	8	9	204.60	22.93	4.51	35.33	999.00	193.40	20.08	5.24	35.26	191.90	10.18	13.40	36.15	999.00	-1.57	999.00	-1.01	0.00
21	3	8	10	214.00	21.44	4.46	38.73	999.00	203.50	19.96	4.46	39.11	203.80	12.61	11.82	40.99	999.00	-2.45	999.00	-1.64	0.00
21	3	8	11	213.50	21.75	5.63	43.24	999.00	203.30	20.48	5.45	43.73	202.90	13.93	11.87	45.91	999.00	-2.81	999.00	-1.94	0.00
21	3	8	12	216.10	22.50	6.26	48.28	999.00	207.50	21.15	6.14	48.79	209.30	14.09	12.52	51.26	999.00	-2.92	999.00	-2.20	0.00
21	3	8	13	207.70	24.80	5.45	53.28	999.00	199.70	23.20	5.81	53.84	201.70	14.11	14.08	56.28	999.00	-3.19	999.00	-2.24	0.00
21	3	8	14	215.00	25.57	5.68	56.54	999.00	207.80	24.20	6.63	57.09	211.20	16.85	11.26	59.58	999.00	-3.15	999.00	-2.22	0.00
21	3	8	15	216.00	26.00	5.51	58.97	999.00	208.60	24.62	6.13	59.49	209.00	16.33	11.30	61.80	999.00	-2.81	999.00	-1.98	0.00
21	3	8	16	224.90	28.80	5.83	61.22	999.00	217.10	27.27	5.87	61.68	221.80	19.11	10.29	63.14	999.00	-1.48	999.00	-1.21	0.00
21	3	8	17	231.30	26.38	5.19	62.47	999.00	224.10	25.60	5.39	62.93	227.10	19.35	9.78	63.94	999.00	-1.38	999.00	-0.55	0.00
21	3	8	18	230.80	26.60	3.96	62.59	999.00	224.00	25.18	3.93	63.01	225.30	16.53	7.63	63.37	999.00	-0.29	999.00	0.48	0.00
21	3	8	19	227.30	23.50	3.22	61.58	999.00	219.90	21.09	3.50	61.78	216.00	11.65	7.69	61.11	999.00	1.18	999.00	1.30	0.00
21	3	8	20	226.60	24.29	2.46	59.87	999.00	218.30	20.96	2.98	59.74	212.20	9.23	8.88	58.03	999.00	2.01	999.00	1.71	0.00
21	3	8	21	226.00	27.27	2.87	58.52	999.00	217.00	23.51	3.21	58.37	215.00	11.78	9.48	57.24	999.00	1.06	999.00	0.78	0.00
21	3	8	22	234.80	25.41	3.69	57.28	999.00	226.60	22.33	3.66	57.29	226.20	12.88	7.17	56.48	999.00	1.08	999.00	1.30	0.00
21	3	8	23	251.70	19.41	2.81	56.51	999.00	243.50	17.13	3.29	56.61	243.80	9.15	7.93	55.50	999.00	0.78	999.00	0.99	0.00
21	3	8	24	248.60	24.36	2.26	54.83	999.00	236.80	21.03	2.38	54.70	234.40	10.82	8.57	53.61	999.00	2.04	999.00	1.45	0.00
21	3	9	1	252.90	21.29	2.19	53.34	999.00	243.20	17.64	2.70	53.12	243.90	7.98	6.59	51.63	999.00	1.87	999.00	1.41	0.00
21	3	9	2	260.50	21.92	1.30	52.32	999.00	247.70	17.90	1.92	51.51	240.50	8.02	6.88	49.86	999.00	2.93	999.00	1.84	0.00

21	3	9	3	267.20	15.89	1.20	52.16	999.00	244.80	14.93	1.78	50.61	230.60	4.54	7.26	47.69	999.00	5.49	999.00	3.50	0.00
21	3	9	4	272.70	12.78	4.23	50.68	999.00	248.00	13.96	4.45	49.02	207.30	2.42	15.02	44.90	999.00	6.48	999.00	4.71	0.00
21	3	9	5	280.60	10.45	2.57	50.86	999.00	266.20	12.44	4.49	49.78	228.70	3.96	7.34	44.29	999.00	6.11	999.00	5.70	0.00
21	3	9	6	310.00	7.99	5.06	50.49	999.00	293.20	9.98	2.51	50.33	58.77	1.37	75.30	43.68	999.00	7.43	999.00	6.21	0.00
21	3	9	7	9.59	5.59	5.67	49.33	999.00	341.90	5.96	7.49	48.65	216.80	2.46	35.42	44.14	999.00	5.12	999.00	5.31	0.00
21	3	9	8	45.03	6.87	6.33	47.27	999.00	27.27	5.20	12.22	46.77	39.11	1.72	29.71	42.17	999.00	4.17	999.00	4.05	0.00
21	3	9	9	102.70	11.58	3.24	46.05	999.00	87.00	10.63	4.42	46.09	83.40	3.95	13.45	43.65	999.00	2.11	999.00	1.96	0.00
21	3	9	10	136.50	11.59	6.42	45.77	999.00	129.90	9.94	6.60	45.48	125.50	4.89	16.07	44.74	999.00	-1.52	999.00	-1.16	0.00
21	3	9	11	134.10	8.28	6.40	47.20	999.00	120.60	8.49	7.88	47.68	122.00	6.84	13.24	50.01	999.00	-2.88	999.00	-1.83	0.00
21	3	9	12	114.60	9.61	5.18	47.91	999.00	73.80	8.81	5.05	47.25	82.00	6.76	10.63	47.65	999.00	2.44	999.00	1.00	0.00
21	3	9	13	87.40	10.39	2.46	47.29	999.00	72.50	13.32	2.34	45.64	76.70	9.83	10.42	45.25	999.00	2.42	999.00	0.36	0.00
21	3	9	14	104.20	12.22	2.14	48.02	999.00	82.40	15.47	2.75	44.57	78.30	9.82	8.91	43.98	999.00	5.27	999.00	1.93	0.00
21	3	9	15	97.80	15.78	1.68	48.02	999.00	79.70	15.25	1.80	44.57	78.10	9.46	10.61	43.98	999.00	4.05	999.00	1.53	0.00
21	3	9	16	97.70	17.94	1.88	49.12	999.00	82.60	17.86	2.82	46.47	80.80	9.43	8.56	44.32	999.00	5.72	999.00	3.44	0.00
21	3	9	17	104.10	21.33	3.78	48.62	999.00	87.30	18.31	2.62	46.56	81.50	9.51	8.55	43.30	999.00	5.35	999.00	4.12	0.00
21	3	9	18	116.40	19.97	0.89	47.47	999.00	104.50	16.87	1.74	45.72	91.50	7.89	13.17	43.02	999.00	3.34	999.00	2.74	0.00
21	3	9	19	124.60	20.78	4.61	47.55	999.00	104.00	16.20	1.52	44.97	98.80	6.93	10.37	42.65	999.00	6.86	999.00	2.14	0.00
21	3	9	20	160.00	17.04	1.80	47.55	999.00	132.70	16.40	3.97	44.97	102.10	7.58	10.34	42.65	999.00	999.00	999.00	7.97	0.00
21	3	9	21	165.40	19.19	1.78	999.00	999.00	146.50	17.08	3.30	50.90	104.40	6.05	9.83	42.82	999.00	999.00	999.00	7.97	0.00
21	3	9	22	177.40	22.85	5.85	999.00	999.00	160.40	20.21	3.19	999.00	110.40	4.30	9.20	43.10	999.00	999.00	999.00	7.97	0.00
21	3	9	23	192.90	24.43	2.92	999.00	999.00	175.60	20.08	2.17	999.00	151.30	4.00	9.24	43.10	999.00	999.00	999.00	7.16	0.00
21	3	9	24	190.80	23.64	1.19	55.79	999.00	178.00	18.98	1.69	54.17	159.90	4.73	9.27	47.89	999.00	7.85	999.00	5.48	0.00
21	3	10	1	185.40	23.92	1.57	54.90	999.00	171.60	19.13	1.93	53.51	156.80	4.95	9.13	48.47	999.00	5.19	999.00	3.49	0.00
21	3	10	2	190.00	24.40	1.73	54.90	999.00	175.90	20.11	2.31	53.51	164.00	6.25	9.87	48.47	999.00	6.37	999.00	3.94	0.00
21	3	10	3	185.10	25.87	1.97	53.10	999.00	172.90	21.06	2.06	51.36	163.90	7.24	10.36	47.32	999.00	5.20	999.00	3.35	0.00
21	3	10	4	184.50	25.21	1.90	52.21	999.00	172.30	20.89	2.19	50.90	164.20	7.31	10.54	47.49	999.00	4.36	999.00	2.94	0.00
21	3	10	5	179.30	23.67	2.07	51.79	999.00	165.70	19.20	3.15	50.60	161.50	7.00	10.84	47.90	999.00	2.96	999.00	1.62	0.00
21	3	10	6	184.60	23.10	2.78	51.27	999.00	173.30	18.94	3.24	50.45	166.20	6.46	11.85	48.84	999.00	2.40	999.00	1.38	0.00
21	3	10	7	189.80	21.71	3.44	51.72	999.00	179.70	18.26	3.71	51.30	178.00	8.29	11.45	50.33	999.00	1.01	999.00	0.75	0.00
21	3	10	8	191.00	23.61	3.66	52.38	999.00	181.10	20.26	3.67	52.09	180.30	9.09	10.83	50.80	999.00	1.15	999.00	0.73	0.00
21	3	10	9	191.20	22.84	3.70	52.73	999.00	182.30	20.76	4.37	52.87	182.70	11.19	13.12	52.97	999.00	-0.77	999.00	-0.45	0.00
21	3	10	10	194.70	22.33	5.47	53.99	999.00	186.00	20.88	6.12	54.40	186.30	13.02	12.87	55.55	999.00	-1.97	999.00	-1.00	0.00
21	3	10	11	192.10	21.86	5.98	56.89	999.00	183.30	21.12	6.35	57.39	185.10	13.38	13.88	59.03	999.00	-2.13	999.00	-1.10	0.00
21	3	10	12	194.20	23.54	6.14	59.52	999.00	187.60	22.97	6.93	60.04	188.70	13.94	14.00	61.81	999.00	-2.29	999.00	-1.34	0.00
21	3	10	13	195.30	27.01	5.99	62.57	999.00	189.00	25.74	6.53	63.11	192.50	15.40	14.39	64.92	999.00	-2.23	999.00	-1.30	0.00
21	3	10	14	199.10	29.79	6.29	65.02	999.00	193.70	28.08	6.97	65.57	195.20	16.67	14.68	67.64	999.00	-2.51	999.00	-1.67	0.00
21	3	10	15	204.10	33.62	5.67	66.17	999.00	198.50	31.86	6.41	66.70	202.70	19.32	14.21	68.48	999.00	-2.18	999.00	-1.53	0.00
21	3	10	16	203.00	33.58	6.02	66.52	999.00	197.10	31.86	6.32	67.01	200.90	19.14	13.70	68.38	999.00	-1.78	999.00	-1.12	0.00
21	3	10	17	204.20	33.45	5.57	66.81	999.00	198.40	30.89	6.58	67.26	202.60	16.86	13.65	68.24	999.00	-1.22	999.00	-0.69	0.00
21	3	10	18	194.20	26.98	4.93	66.24	999.00	188.00	24.91	5.36	66.64	189.50	12.74	13.23	67.17	999.00	-0.68	999.00	-0.32	0.00
21	3	10	19	193.10	26.12	4.54	65.24	999.00	186.10	23.46	5.40	65.56	189.80	11.80	13.17	65.78	999.00	-0.35	999.00	-0.14	0.00
21	3	10	20	185.50	24.09	4.34	64.12	999.00	178.20	21.46	4.31	64.32	180.30	11.22	10.69	64.00	999.00	0.28	999.00	0.28	0.00
21	3	10	21	188.60	25.93	4.51	63.72	999.00	180.90	23.56	4.82	63.91	183.40	13.33	12.26	63.65	999.00	-0.02	999.00	-0.03	0.00
21	3	10	22	191.00	30.80	4.55	63.29	999.00	183.60	28.34	4.95	63.55	185.80	15.46	13.24	63.67	999.00	-0.45	999.00	-0.29	0.00
21	3	10	23	197.10	30.50	4.59	62.44	999.00	188.60	27.35	5.09	62.71	192.40	14.22	13.94	62.94	999.00	-0.46	999.00	-0.25	0.00
21	3	10	24	197.10	31.39	4.67	62.04	999.00	189.20	27.45	5.37	62.24	192.10	14.43	12.75	62.31	999.00	-0.24	999.00	-0.18	0.00

21	3	11	1	199.70	31.98	4.37	61.96	999.00	191.70	28.61	5.51	62.18	193.50	14.74	13.20	62.29	999.00	-0.32	999.00	-0.18	0.00
21	3	11	2	194.60	30.26	4.03	62.20	999.00	186.40	27.10	4.52	62.45	188.30	13.97	13.30	62.67	999.00	-0.54	999.00	-0.34	0.01
21	3	11	3	193.60	27.77	4.33	61.13	999.00	185.10	25.23	5.24	61.41	189.00	13.56	12.87	61.69	999.00	-0.63	999.00	-0.43	0.00
21	3	11	4	199.70	27.38	4.67	60.85	999.00	190.40	24.37	5.56	61.08	192.20	12.14	12.73	61.33	999.00	-0.33	999.00	-0.13	0.00
21	3	11	5	202.60	29.43	5.87	61.86	999.00	193.60	26.54	6.85	62.09	194.50	14.59	12.76	62.20	999.00	-0.54	999.00	-0.15	0.00
21	3	11	6	201.70	28.83	4.06	60.31	999.00	191.50	25.57	4.78	60.38	191.10	12.36	12.56	60.17	999.00	0.43	999.00	0.20	0.00
21	3	11	7	203.30	29.68	4.89	60.04	999.00	193.50	26.32	5.60	60.18	196.60	14.00	12.72	60.04	999.00	-0.27	999.00	-0.19	0.00
21	3	11	8	202.00	28.95	4.32	60.31	999.00	192.70	25.98	5.53	60.57	194.70	12.62	14.09	60.81	999.00	-0.56	999.00	-0.39	0.00
21	3	11	9	212.60	25.37	5.37	60.53	999.00	205.20	23.06	6.63	60.87	210.30	14.33	11.33	61.49	999.00	-0.91	999.00	-0.52	0.00
21	3	11	10	213.50	36.66	6.67	62.25	999.00	206.20	34.48	7.39	62.65	209.40	21.03	12.52	63.47	999.00	-1.42	999.00	-0.87	0.00
21	3	11	11	195.80	33.66	7.50	63.33	999.00	188.20	31.33	7.68	63.80	191.30	17.59	13.61	64.86	999.00	-1.44	999.00	-0.86	0.00
21	3	11	12	209.40	39.35	4.90	64.53	999.00	202.60	37.06	5.46	65.02	206.10	23.28	12.18	66.39	999.00	-2.07	999.00	-1.38	0.00
21	3	11	13	221.90	43.25	4.47	64.71	999.00	214.80	40.27	4.94	65.11	216.40	27.34	9.17	65.95	999.00	-1.09	999.00	-0.71	0.00
21	3	11	14	220.60	24.29	7.17	61.88	999.00	215.80	22.05	7.59	62.22	223.70	15.12	10.83	62.98	999.00	-1.37	999.00	-1.02	0.00
21	3	11	15	216.90	29.19	5.68	63.28	999.00	210.20	27.48	7.13	63.82	213.50	18.18	11.28	65.54	999.00	-1.65	999.00	-1.13	0.00
21	3	11	16	230.30	33.29	4.66	63.59	999.00	223.30	32.46	4.67	64.08	225.30	23.96	8.64	65.39	999.00	-2.00	999.00	-1.30	0.00
21	3	11	17	234.10	31.91	4.63	64.40	999.00	228.30	30.75	4.38	64.87	229.30	22.26	8.95	66.03	999.00	-1.16	999.00	-0.72	0.00
21	3	11	18	231.40	29.69	4.42	64.01	999.00	225.10	28.10	4.57	64.48	225.40	20.40	8.33	65.29	999.00	-0.99	999.00	-0.42	0.00
21	3	11	19	247.40	28.74	4.57	62.54	999.00	239.80	26.30	5.14	62.89	241.60	15.63	9.71	63.45	999.00	-0.56	999.00	-0.25	0.00
21	3	11	20	251.70	22.05	3.39	62.54	999.00	245.00	19.72	4.46	62.89	245.10	11.62	8.91	63.45	999.00	-0.18	999.00	0.00	0.00
21	3	11	21	292.40	18.91	5.21	56.83	999.00	285.90	17.10	5.28	57.09	282.30	9.04	10.67	56.56	999.00	0.45	999.00	0.98	0.00
21	3	11	22	300.20	21.23	5.53	53.93	999.00	292.80	18.81	6.01	54.19	293.70	9.85	12.60	53.43	999.00	0.16	999.00	0.42	0.00
21	3	11	23	310.20	18.62	3.87	50.84	999.00	299.80	16.76	4.23	51.15	295.90	8.01	11.61	50.68	999.00	0.29	999.00	0.57	0.00
21	3	11	24	307.00	18.34	3.16	48.45	999.00	297.30	16.14	4.01	48.63	287.50	6.59	9.86	47.61	999.00	1.19	999.00	1.30	0.00
21	3	12	1	313.30	20.86	2.68	46.52	999.00	303.30	18.46	3.69	46.52	295.70	8.49	11.06	45.84	999.00	0.82	999.00	0.72	0.00
21	3	12	2	304.40	15.21	3.69	45.20	999.00	293.10	13.24	4.28	45.35	278.10	5.15	9.78	44.45	999.00	1.10	999.00	1.46	0.00
21	3	12	3	290.60	13.89	2.58	44.28	999.00	269.90	12.00	4.72	44.24	228.70	4.94	7.82	42.83	999.00	2.19	999.00	1.96	0.00
21	3	12	4	292.70	15.14	3.30	43.99	999.00	274.20	12.89	4.09	43.63	224.00	4.61	7.37	41.13	999.00	3.36	999.00	2.82	0.00
21	3	12	5	284.50	15.54	2.27	43.40	999.00	265.30	14.49	3.08	43.14	240.60	6.47	5.57	40.32	999.00	2.66	999.00	2.47	0.00
21	3	12	6	292.70	14.57	2.93	42.90	999.00	268.90	13.18	4.03	42.45	229.60	6.84	6.98	39.78	999.00	3.05	999.00	2.28	0.00
21	3	12	7	287.90	11.98	3.93	42.22	999.00	267.10	10.91	3.53	41.96	194.00	3.15	14.27	38.33	999.00	4.74	999.00	4.23	0.00
21	3	12	8	283.20	12.08	2.40	41.34	999.00	265.60	12.06	2.01	41.45	234.00	4.22	12.14	37.32	999.00	2.82	999.00	2.28	0.00
21	3	12	9	277.80	11.21	7.16	40.45	999.00	262.50	9.33	8.71	39.98	247.90	6.91	12.32	40.57	999.00	-1.79	999.00	-1.59	0.00
21	3	12	10	293.30	9.34	12.49	41.67	999.00	278.90	9.41	11.87	42.16	273.10	7.65	17.29	44.38	999.00	-3.00	999.00	-2.45	0.00
21	3	12	11	288.90	9.75	11.74	44.23	999.00	282.70	9.80	11.45	44.81	283.70	8.15	15.31	47.35	999.00	-3.04	999.00	-2.64	0.00
21	3	12	12	268.90	13.50	13.20	47.14	999.00	259.20	13.38	13.53	47.68	263.00	10.73	17.76	50.45	999.00	-3.28	999.00	-2.63	0.00
21	3	12	13	272.70	16.79	10.35	49.88	999.00	263.90	16.28	11.27	50.49	263.20	12.11	15.74	53.28	999.00	-3.21	999.00	-2.61	0.00
21	3	12	14	296.50	22.95	8.32	51.96	999.00	287.90	22.84	9.04	52.59	285.30	17.79	14.76	55.06	999.00	-2.92	999.00	-2.73	0.00
21	3	12	15	271.60	26.08	7.41	53.68	999.00	262.40	24.97	8.45	54.33	262.40	19.22	12.71	56.72	999.00	-3.01	999.00	-2.55	0.00
21	3	12	16	292.70	25.68	4.98	54.97	999.00	285.10	24.76	5.85	55.57	281.10	17.58	9.74	57.95	999.00	-2.92	999.00	-2.50	0.00
21	3	12	17	274.20	26.10	7.03	54.12	999.00	266.20	24.46	7.78	54.69	264.50	16.87	11.70	56.38	999.00	-2.03	999.00	-1.53	0.00
21	3	12	18	287.10	25.37	6.79	52.85	999.00	277.60	24.09	7.58	53.37	274.30	16.71	9.80	54.64	999.00	-1.40	999.00	-0.81	0.00
21	3	12	19	308.00	28.54	2.68	50.34	999.00	299.40	24.35	4.20	50.53	297.90	12.05	11.60	51.05	999.00	0.30	999.00	0.13	0.00
21	3	12	20	317.50	26.59	3.96	47.49	999.00	307.40	24.23	5.60	47.64	304.50	15.03	9.10	47.87	999.00	-0.61	999.00	-0.19	0.00
21	3	12	21	320.50	24.10	4.06	44.60	999.00	309.40	21.84	5.01	44.80	305.70	14.23	8.80	45.18	999.00	-0.81	999.00	-0.44	0.00
21	3	12	22	328.20	21.03	3.92	42.44	999.00	314.90	18.99	4.53	42.70	310.30	11.93	8.65	43.17	999.00	-0.68	999.00	-0.39	0.00

21	3	12	23	67.47	9.54	6.09	37.24	999.00	56.77	9.32	6.45	37.63	52.44	6.55	12.48	38.63	999.00	-1.34	999.00	-0.99	0.00
21	3	12	24	79.40	11.24	6.07	34.60	999.00	68.07	11.12	6.22	35.09	65.40	7.76	11.47	36.10	999.00	-1.47	999.00	-1.07	0.00
21	3	13	1	81.00	13.29	5.20	32.62	999.00	72.50	13.11	5.91	33.13	75.10	9.43	13.62	34.27	999.00	-1.62	999.00	-1.11	0.00
21	3	13	2	72.30	14.68	4.53	31.11	999.00	61.48	14.35	4.88	31.63	65.14	10.41	9.99	32.73	999.00	-1.57	999.00	-1.04	0.00
21	3	13	3	73.00	13.19	5.73	30.65	999.00	62.00	12.87	5.78	31.14	65.84	9.39	11.45	32.12	999.00	-1.48	999.00	-1.06	0.00
21	3	13	4	65.39	11.46	7.80	30.17	999.00	52.67	11.40	7.47	30.66	59.27	8.60	11.62	31.63	999.00	-1.40	999.00	-0.99	0.00
21	3	13	5	65.30	11.90	7.60	29.97	999.00	53.28	11.74	7.12	30.46	61.16	9.22	12.11	31.38	999.00	-1.40	999.00	-1.01	0.00
21	3	13	6	67.80	9.06	6.64	29.56	999.00	56.09	9.22	6.65	30.04	61.73	6.86	10.89	30.92	999.00	-1.33	999.00	-0.99	0.00
21	3	13	7	66.60	8.75	7.32	29.39	999.00	54.78	8.98	6.99	29.87	63.61	6.86	9.74	30.70	999.00	-1.29	999.00	-0.98	0.00
21	3	13	8	122.50	4.26	24.22	29.39	999.00	110.50	3.92	26.40	29.87	104.90	2.49	27.91	30.70	999.00	-2.19	999.00	-0.86	0.00
21	3	13	9	157.20	3.92	26.14	29.70	999.00	149.10	3.95	26.02	30.22	156.50	3.45	30.25	32.55	999.00	-3.26	999.00	-0.80	0.00
21	3	13	10	229.40	4.84	20.83	30.55	999.00	218.50	4.77	22.22	31.21	234.00	4.26	31.52	34.20	999.00	-3.76	999.00	-1.92	0.00
21	3	13	11	240.20	5.85	21.48	31.82	999.00	230.90	5.50	32.99	32.48	235.30	4.23	38.02	35.56	999.00	-3.67	999.00	-1.55	0.00
21	3	13	12	30.48	3.50	32.41	33.38	999.00	17.95	3.73	24.09	33.76	25.03	5.77	13.84	37.12	999.00	-3.42	999.00	0.04	0.00
21	3	13	13	39.44	5.76	17.32	34.41	999.00	33.86	5.51	15.83	35.06	29.97	6.17	15.79	37.99	999.00	-3.53	999.00	-0.81	0.00
21	3	13	14	45.01	4.78	18.17	36.21	999.00	42.72	4.86	13.91	36.81	37.04	5.57	17.02	39.07	999.00	-3.31	999.00	-1.15	0.00
21	3	13	15	41.88	4.85	15.06	37.29	999.00	35.93	4.38	11.06	37.80	45.38	5.84	13.94	40.10	999.00	-2.58	999.00	-1.00	0.00
21	3	13	16	134.00	4.94	35.58	39.12	999.00	108.40	4.89	24.05	39.60	98.00	5.15	24.19	41.85	999.00	-2.63	999.00	-1.67	0.00
21	3	13	17	245.50	8.75	11.74	44.01	999.00	234.10	8.49	10.29	44.19	237.30	7.02	16.35	46.53	999.00	-3.17	999.00	-1.88	0.00
21	3	13	18	235.80	13.27	8.32	47.24	999.00	228.10	12.66	8.13	47.81	228.00	10.22	11.63	49.93	999.00	-2.32	999.00	-1.25	0.00
21	3	13	19	227.80	16.53	2.19	47.52	999.00	219.10	14.84	2.70	47.92	214.10	8.12	7.68	48.67	999.00	-0.09	999.00	0.33	0.00
21	3	13	20	231.20	20.38	1.20	47.23	999.00	219.30	17.70	1.61	47.10	212.30	7.47	7.81	45.61	999.00	2.45	999.00	1.94	0.00
21	3	13	21	226.50	22.23	1.91	46.53	999.00	216.60	18.37	2.39	45.86	216.90	7.76	7.33	43.77	999.00	2.09	999.00	1.49	0.00
21	3	13	22	233.40	23.67	2.04	46.53	999.00	222.60	19.36	2.62	45.86	216.20	9.77	7.67	43.77	999.00	2.26	999.00	1.34	0.00
21	3	13	23	240.40	23.05	2.22	44.93	999.00	229.50	18.52	2.38	43.99	224.00	10.44	5.34	42.67	999.00	2.17	999.00	1.28	0.00
21	3	13	24	246.60	22.88	1.73	44.07	999.00	232.10	19.02	2.93	43.25	224.90	10.24	7.66	42.10	999.00	1.79	999.00	0.78	0.00
21	3	14	1	251.70	22.47	2.77	43.22	999.00	236.80	17.83	3.16	42.20	223.10	9.25	7.83	41.23	999.00	2.36	999.00	1.13	0.00
21	3	14	2	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	0.00
21	3	14	3	248.70	23.66	1.84	42.55	999.00	233.50	19.48	2.79	41.12	224.50	10.68	7.75	39.94	999.00	2.29	999.00	0.79	0.00
21	3	14	4	251.40	24.86	3.05	41.56	999.00	237.50	19.80	4.14	40.68	233.00	11.10	7.81	40.00	999.00	1.11	999.00	0.26	0.00
21	3	14	5	264.40	23.68	3.57	40.92	999.00	249.20	20.12	3.62	40.37	244.40	11.29	9.09	40.10	999.00	0.84	999.00	0.50	0.00
21	3	14	6	282.80	19.31	2.11	40.85	999.00	257.40	15.61	3.59	39.19	242.90	6.89	6.87	38.00	999.00	3.71	999.00	1.57	0.00
21	3	14	7	289.70	19.38	1.50	41.87	999.00	266.80	16.46	2.66	39.34	244.70	7.06	7.13	36.72	999.00	5.78	999.00	3.49	0.00
21	3	14	8	315.90	19.31	2.60	41.83	999.00	298.10	17.03	2.42	40.95	273.50	5.46	6.38	35.82	999.00	5.96	999.00	5.21	0.00
21	3	14	9	327.90	19.06	5.96	41.05	999.00	313.70	16.69	5.68	40.98	306.40	9.16	10.07	38.32	999.00	-0.52	999.00	-0.76	0.00
21	3	14	10	344.00	22.57	4.97	41.85	999.00	329.50	18.78	6.43	41.20	323.70	11.88	9.73	42.28	999.00	-1.13	999.00	-1.52	0.00
21	3	14	11	354.90	21.72	4.85	40.99	999.00	344.80	19.02	6.36	41.13	340.20	14.20	7.89	43.32	999.00	-2.48	999.00	-1.58	0.00
21	3	14	12	354.40	21.16	2.09	41.26	999.00	345.60	20.83	3.74	41.40	341.50	15.94	7.01	43.55	999.00	-2.23	999.00	-1.35	0.00
21	3	14	13	2.35	18.42	7.00	42.75	999.00	354.80	18.17	6.44	43.05	349.90	14.23	8.41	45.34	999.00	-2.79	999.00	-1.15	0.00
21	3	14	14	12.08	16.31	10.71	43.01	999.00	3.13	15.37	10.55	43.56	3.27	13.65	9.93	46.13	999.00	-3.01	999.00	-0.98	0.00
21	3	14	15	14.68	14.78	12.21	43.25	999.00	5.87	13.51	12.84	43.79	2.02	12.27	12.63	46.25	999.00	-3.22	999.00	-1.14	0.00
21	3	14	16	54.78	18.05	7.64	41.06	999.00	46.79	15.38	7.45	41.74	48.86	14.53	9.91	44.38	999.00	-3.54	999.00	-2.25	0.00
21	3	14	17	52.96	20.94	5.30	39.78	999.00	45.24	18.89	5.46	40.40	49.81	15.73	10.15	43.02	999.00	-2.95	999.00	-1.91	0.00
21	3	14	18	57.19	20.90	5.99	38.11	999.00	47.77	19.64	5.60	38.80	49.50	16.45	10.48	41.09	999.00	-2.78	999.00	-1.80	0.00
21	3	14	19	62.25	17.53	6.30	36.67	999.00	52.10	17.07	5.98	37.29	56.70	13.25	11.46	39.05	999.00	-1.95	999.00	-1.30	0.00
21	3	14	20	73.60	16.16	4.72	36.67	999.00	63.99	16.08	5.69	37.29	66.22	11.75	10.72	39.05	999.00	-1.68	999.00	-1.17	0.00

21	3	14	21	76.30	16.21	5.27	34.46	999.00	65.23	16.03	5.68	34.98	67.62	11.43	12.55	36.18	999.00	-1.69	999.00	-1.18	0.00
21	3	14	22	68.69	16.65	6.65	32.84	999.00	58.27	16.36	6.49	33.37	63.93	12.28	11.17	34.57	999.00	-1.75	999.00	-1.21	0.00
21	3	14	23	64.39	18.94	5.43	30.99	999.00	53.00	18.02	5.64	31.50	55.68	13.48	10.23	32.67	999.00	-1.67	999.00	-1.19	0.00
21	3	14	24	55.04	18.82	6.94	29.63	999.00	45.04	17.01	6.75	30.16	44.15	15.67	11.83	31.32	999.00	-1.71	999.00	-1.28	0.00
21	3	15	1	62.14	17.78	7.20	28.36	999.00	51.34	16.76	7.12	28.88	53.93	13.40	12.25	30.08	999.00	-1.62	999.00	-1.13	0.00
21	3	15	2	58.48	17.47	8.77	27.47	999.00	48.59	16.22	7.87	27.99	53.69	13.04	12.85	29.09	999.00	-1.62	999.00	-1.19	0.00
21	3	15	3	66.75	20.35	5.97	26.94	999.00	54.79	19.90	5.46	27.45	58.12	15.19	11.66	28.55	999.00	-1.55	999.00	-1.13	0.00
21	3	15	4	62.29	23.77	5.55	27.19	999.00	50.65	23.08	4.78	27.70	54.74	17.24	11.12	28.76	999.00	-1.57	999.00	-1.13	0.00
21	3	15	5	67.82	23.47	5.88	27.19	999.00	55.60	22.84	5.48	27.70	58.22	16.14	11.62	28.76	999.00	-1.55	999.00	-1.10	0.00
21	3	15	6	79.50	22.86	6.50	27.47	999.00	68.33	22.72	6.33	27.98	70.70	13.81	13.32	29.02	999.00	-1.60	999.00	-1.16	0.00
21	3	15	7	81.10	23.59	6.11	27.61	999.00	68.48	22.95	6.25	28.13	69.23	15.39	11.89	29.29	999.00	-1.66	999.00	-1.15	0.00
21	3	15	8	85.80	25.12	5.14	27.81	999.00	73.70	24.15	5.45	28.35	76.40	13.70	13.02	29.50	999.00	-1.68	999.00	-1.19	0.00
21	3	15	9	90.90	25.77	6.84	27.99	999.00	78.50	24.55	7.37	28.52	83.40	14.24	14.79	29.81	999.00	-1.89	999.00	-1.33	0.00
21	3	15	10	102.50	23.49	4.89	28.13	999.00	89.90	23.11	6.47	28.69	93.40	12.41	14.19	30.20	999.00	-2.10	999.00	-1.51	0.00
21	3	15	11	94.20	25.29	5.12	28.13	999.00	81.10	24.21	6.02	28.69	84.90	14.62	14.47	30.20	999.00	-3.18	999.00	-2.22	0.00
21	3	15	12	86.00	29.07	4.81	28.61	999.00	74.30	28.29	5.24	29.18	77.90	17.84	12.86	31.68	999.00	-3.17	999.00	-2.39	0.00
21	3	15	13	88.20	30.21	4.85	28.35	999.00	76.10	28.94	5.47	28.91	80.10	18.52	13.32	31.38	999.00	-2.91	999.00	-2.32	0.00
21	3	15	14	83.70	32.59	3.45	27.68	999.00	70.50	31.95	3.79	28.22	72.90	19.57	12.48	30.72	999.00	-2.90	999.00	-2.20	0.00
21	3	15	15	79.20	27.70	5.16	28.32	999.00	67.19	27.22	5.82	28.84	69.11	17.50	11.77	31.10	999.00	-2.64	999.00	-2.03	0.00
21	3	15	16	84.10	21.02	6.82	28.85	999.00	73.30	20.56	7.31	29.38	71.20	13.50	12.51	31.31	999.00	-2.29	999.00	-1.72	0.00
21	3	15	17	83.90	26.69	3.82	29.14	999.00	72.20	26.25	4.04	29.66	74.50	15.85	11.58	31.35	999.00	-2.11	999.00	-1.58	0.00
21	3	15	18	84.10	22.88	6.29	29.24	999.00	71.50	21.87	7.24	29.76	75.60	12.87	14.34	31.31	999.00	-2.01	999.00	-1.46	0.00
21	3	15	19	83.40	33.91	2.71	29.24	999.00	71.20	33.40	3.64	29.76	75.00	19.92	12.13	31.31	999.00	-2.05	999.00	-1.51	0.00
21	3	15	20	88.30	32.27	4.28	30.19	999.00	75.90	30.43	4.30	30.70	79.30	18.83	12.63	32.09	999.00	-1.83	999.00	-1.35	0.00
21	3	15	21	89.60	28.43	3.73	31.31	999.00	77.40	27.06	4.02	31.83	83.10	15.88	12.99	33.04	999.00	-1.50	999.00	-1.19	0.00
21	3	15	22	97.10	20.99	4.38	32.18	999.00	84.20	20.08	5.53	32.71	90.30	11.45	15.05	33.35	999.00	-0.98	999.00	-0.99	0.00
21	3	15	23	93.30	18.78	3.88	32.95	999.00	80.20	17.16	4.50	33.46	83.00	10.26	12.51	34.27	999.00	-1.36	999.00	-1.07	0.02
21	3	15	24	89.40	16.95	3.68	33.15	999.00	76.30	15.90	3.86	33.66	80.60	11.57	12.90	34.47	999.00	-1.15	999.00	-0.43	0.00
21	3	16	1	86.10	19.16	2.88	33.46	999.00	72.20	18.42	3.25	33.97	75.50	13.68	11.86	34.03	999.00	-0.71	999.00	-0.45	0.00
21	3	16	2	87.40	16.04	3.55	34.12	999.00	73.70	15.80	4.08	34.63	80.50	10.16	11.41	35.69	999.00	-1.58	999.00	-0.81	0.00
21	3	16	3	83.80	16.63	3.75	34.46	999.00	70.30	16.66	4.04	34.96	72.80	9.80	12.82	36.03	999.00	-1.54	999.00	-0.88	0.00
21	3	16	4	91.20	16.24	3.91	35.20	999.00	77.40	15.07	4.25	35.68	83.20	9.04	13.81	36.70	999.00	-1.57	999.00	-1.02	0.00
21	3	16	5	95.40	12.91	5.18	35.33	999.00	79.30	12.23	5.25	35.78	77.60	7.05	13.88	36.76	999.00	-1.26	999.00	-0.67	0.00
21	3	16	6	82.30	12.94	3.59	35.65	999.00	68.05	12.43	4.52	36.06	66.18	7.65	11.98	37.05	999.00	-1.46	999.00	-0.87	0.00
21	3	16	7	81.80	13.92	4.24	35.65	999.00	69.20	13.03	5.05	36.10	73.60	8.18	13.51	37.11	999.00	-1.48	999.00	-0.97	0.00
21	3	16	8	92.30	12.73	4.09	35.63	999.00	78.70	11.66	5.06	36.10	81.60	6.83	12.40	37.17	999.00	-1.56	999.00	-0.99	0.00
21	3	16	9	90.20	14.15	5.45	35.51	999.00	76.30	13.66	5.67	35.98	81.60	8.33	12.69	37.08	999.00	-1.59	999.00	-0.95	0.00
21	3	16	10	105.10	10.89	4.86	36.05	999.00	90.00	10.42	6.80	36.52	96.70	5.91	16.48	37.88	999.00	-1.95	999.00	-1.68	0.00
21	3	16	11	130.20	4.11	9.43	37.16	999.00	107.20	3.88	13.41	37.65	96.90	3.64	22.61	39.24	999.00	-1.96	999.00	-1.50	0.00
21	3	16	12	125.90	3.38	24.98	38.70	999.00	85.80	3.79	17.02	39.17	76.10	4.51	14.02	40.67	999.00	-1.76	999.00	-1.39	0.00
21	3	16	13	154.30	3.36	36.86	40.47	999.00	130.00	2.93	36.61	40.88	107.00	2.94	34.93	42.78	999.00	-2.94	999.00	-1.27	0.00
21	3	16	14	221.90	6.07	16.34	42.98	999.00	214.70	6.14	17.72	43.61	210.50	5.16	28.38	46.57	999.00	-3.75	999.00	-1.82	0.00
21	3	16	15	19.35	7.87	7.09	42.24	999.00	14.25	9.35	6.12	41.94	20.89	9.57	10.53	43.81	999.00	-1.15	999.00	-0.16	0.00
21	3	16	16	4.16	8.56	6.39	39.80	999.00	359.30	8.57	7.80	39.72	13.27	8.42	10.33	41.96	999.00	-2.52	999.00	-0.54	0.00
21	3	16	17	4.29	9.18	7.68	40.78	999.00	1.87	8.36	9.21	40.92	18.67	7.37	14.78	43.59	999.00	-2.82	999.00	-0.44	0.00
21	3	16	18	336.60	6.48	5.56	43.64	999.00	356.70	6.39	8.86	43.27	4.57	6.17	9.43	45.32	999.00	-1.17	999.00	0.38	0.00

21	3	16	19	357.10	7.35	5.00	45.57	999.00	3.62	6.54	7.61	44.52	24.79	6.31	10.95	45.42	999.00	1.11	999.00	1.12	0.00
21	3	16	20	41.80	5.73	10.91	45.00	999.00	46.81	6.16	6.87	44.72	146.20	3.27	12.45	43.36	999.00	3.27	999.00	3.26	0.00
21	3	16	21	100.00	5.20	14.80	45.59	999.00	114.80	8.86	5.01	44.09	121.80	3.71	12.50	41.40	999.00	3.18	999.00	1.00	0.00
21	3	16	22	147.40	3.20	11.71	42.05	999.00	114.40	5.11	5.25	41.18	92.80	2.93	15.26	40.54	999.00	0.88	999.00	-0.40	0.00
21	3	16	23	129.40	7.66	4.24	39.17	999.00	124.90	6.59	6.01	38.95	132.30	3.91	11.40	39.32	999.00	-0.70	999.00	-0.56	0.00
21	3	16	24	136.00	8.94	3.15	38.92	999.00	132.70	8.88	2.56	38.87	116.90	3.66	10.29	38.28	999.00	1.56	999.00	1.35	0.00
21	3	17	1	90.30	9.02	31.42	40.13	999.00	82.40	8.97	34.07	40.17	56.31	5.20	24.44	38.63	999.00	1.13	999.00	0.65	0.00
21	3	17	2	42.85	10.59	6.88	36.30	999.00	35.41	8.78	8.22	36.66	33.97	8.94	11.69	37.41	999.00	-1.57	999.00	-1.05	0.00
21	3	17	3	61.68	10.68	7.60	34.73	999.00	50.92	10.48	6.86	35.35	50.58	8.43	13.17	36.23	999.00	-1.56	999.00	-0.95	0.00
21	3	17	4	47.93	8.58	5.62	34.58	999.00	39.33	7.19	6.08	35.29	43.42	6.07	11.54	36.10	999.00	-1.53	999.00	-1.06	0.00
21	3	17	5	56.75	9.16	4.85	34.57	999.00	46.34	8.65	4.90	35.25	50.25	6.86	10.25	36.07	999.00	-1.45	999.00	-0.88	0.00
21	3	17	6	84.50	11.66	3.03	34.54	999.00	72.80	11.29	3.32	35.18	74.60	7.38	10.66	35.98	999.00	-1.53	999.00	-0.98	0.00
21	3	17	7	93.90	10.48	4.06	34.44	999.00	82.40	10.19	4.53	35.07	86.30	5.18	13.44	35.83	999.00	-1.26	999.00	-0.73	0.00
21	3	17	8	98.00	11.24	2.61	34.53	999.00	85.20	11.25	2.69	35.14	90.30	5.77	11.55	35.86	999.00	-1.29	999.00	-0.72	0.00
21	3	17	9	91.10	11.53	3.49	34.53	999.00	77.90	11.22	4.08	35.14	80.30	7.13	13.54	35.86	999.00	-2.00	999.00	-1.28	0.00
21	3	17	10	112.70	10.19	4.96	35.09	999.00	99.10	10.09	5.84	35.73	98.10	7.12	13.88	37.60	999.00	-2.77	999.00	-1.71	0.00
21	3	17	11	109.10	9.57	6.00	35.86	999.00	97.10	9.39	7.51	36.56	97.40	6.73	16.77	38.97	999.00	-3.33	999.00	-2.21	0.00
21	3	17	12	137.90	5.95	11.27	37.68	999.00	114.70	6.20	10.84	38.29	89.00	6.22	15.21	40.70	999.00	-2.35	999.00	-1.03	0.00
21	3	17	13	102.40	9.78	2.81	40.50	999.00	84.00	10.18	4.47	40.42	69.26	8.41	10.62	42.08	999.00	-1.77	999.00	-1.37	0.00
21	3	17	14	75.40	8.16	6.92	41.46	999.00	63.69	7.82	6.41	41.21	79.20	7.19	18.65	42.76	999.00	-2.24	999.00	-1.06	0.00
21	3	17	15	59.86	10.52	6.58	42.18	999.00	44.02	9.59	7.20	41.45	34.61	10.83	10.48	43.67	999.00	-0.50	999.00	-0.77	0.00
21	3	17	16	69.38	13.87	4.43	42.51	999.00	57.01	10.94	7.55	41.02	48.76	10.66	7.68	42.81	999.00	-0.88	999.00	-1.54	0.00
21	3	17	17	79.20	14.79	2.45	42.96	999.00	68.31	13.90	4.12	41.43	78.00	8.93	11.62	43.32	999.00	0.17	999.00	-1.33	0.00
21	3	17	18	87.80	16.74	2.86	41.65	999.00	78.50	17.10	4.12	41.00	83.50	9.93	13.44	42.97	999.00	-0.92	999.00	-1.33	0.00
21	3	17	19	84.70	19.72	2.79	40.50	999.00	75.00	15.67	3.78	39.67	79.00	10.21	11.91	41.15	999.00	-0.43	999.00	-1.21	0.00
21	3	17	20	79.50	20.37	2.17	39.07	999.00	65.29	17.89	3.73	38.49	65.92	11.12	8.75	39.69	999.00	-0.55	999.00	-0.80	0.00
21	3	17	21	83.90	20.46	2.33	39.49	999.00	73.70	16.23	3.61	38.92	71.60	8.56	9.99	39.65	999.00	0.37	999.00	-0.47	0.00
21	3	17	22	86.00	25.44	3.29	39.06	999.00	74.60	21.19	4.55	38.80	81.40	11.08	12.16	39.54	999.00	-0.78	999.00	-0.93	0.00
21	3	17	23	89.50	26.26	2.63	39.78	999.00	76.40	20.94	4.11	39.35	73.00	11.49	11.10	40.19	999.00	0.08	999.00	-0.76	0.00
21	3	17	24	67.14	25.34	3.85	40.10	999.00	52.41	21.91	5.28	39.77	54.66	14.78	9.36	40.65	999.00	-1.00	999.00	-0.96	0.00
21	3	18	1	74.90	20.81	3.48	38.87	999.00	60.63	16.94	4.43	38.73	58.99	9.55	9.35	39.65	999.00	-0.43	999.00	-0.72	0.00
21	3	18	2	45.58	14.88	4.86	40.62	999.00	27.80	13.24	4.51	40.31	17.21	11.09	9.03	40.72	999.00	0.18	999.00	-0.05	0.00
21	3	18	3	46.73	21.27	6.33	39.66	999.00	35.09	15.53	7.36	39.46	32.74	12.71	11.18	39.35	999.00	0.08	999.00	-0.24	0.00
21	3	18	4	54.94	15.53	7.77	39.41	999.00	45.70	13.27	7.18	39.74	49.23	8.91	11.05	39.99	999.00	-0.79	999.00	-0.27	0.01
21	3	18	5	35.53	25.04	4.46	38.46	999.00	27.46	19.75	5.83	39.06	29.46	15.24	9.08	39.55	999.00	-1.13	999.00	-2.04	0.01
21	3	18	6	28.44	30.27	3.61	37.21	999.00	19.78	25.28	5.16	37.88	17.98	19.71	9.09	38.22	999.00	-1.06	999.00	-1.69	0.01
21	3	18	7	30.07	30.01	4.08	36.92	999.00	22.13	23.74	6.22	37.27	21.13	17.55	10.64	37.68	999.00	-0.63	999.00	-1.10	0.00
21	3	18	8	32.85	34.10	3.46	37.55	999.00	23.39	27.00	5.65	37.76	24.29	20.35	9.29	38.16	999.00	-0.72	999.00	-1.31	0.00
21	3	18	9	34.16	36.25	3.23	37.57	999.00	24.92	29.01	5.08	38.08	27.35	22.53	8.31	38.29	999.00	-0.80	999.00	-1.79	0.00
21	3	18	10	31.72	34.32	4.27	37.06	999.00	22.95	27.29	5.68	37.66	24.83	20.78	10.01	38.03	999.00	-1.04	999.00	-2.17	0.01
21	3	18	11	36.78	33.29	4.62	36.32	999.00	28.08	27.10	5.78	37.01	29.31	23.65	8.41	37.43	999.00	-1.08	999.00	-1.92	0.03
21	3	18	12	39.12	34.84	4.62	36.42	999.00	29.69	27.39	5.68	37.15	30.25	24.26	8.52	37.68	999.00	-1.38	999.00	-1.49	0.02
21	3	18	13	43.26	25.73	6.33	36.97	999.00	34.18	19.37	6.99	37.77	30.26	19.54	7.58	38.41	999.00	-1.48	999.00	-1.48	0.02
21	3	18	14	38.81	33.75	4.35	37.72	999.00	30.37	26.79	5.62	38.43	30.17	22.25	7.73	38.75	999.00	-0.41	999.00	-0.71	0.02
21	3	18	15	34.49	36.54	3.21	38.51	999.00	25.08	29.00	5.19	39.05	30.08	21.05	8.32	38.54	999.00	0.24	999.00	-1.14	0.02
21	3	18	16	43.26	31.66	6.77	39.08	999.00	34.55	24.70	7.16	39.56	31.28	24.12	8.57	38.25	999.00	1.03	999.00	-1.21	0.01

21	3	18	17	39.23	25.47	5.19	38.87	999.00	31.90	19.25	6.44	39.40	32.68	17.30	7.69	39.24	999.00	-0.99	999.00	-2.03	0.00
21	3	18	18	33.03	31.81	4.16	38.75	999.00	24.23	25.28	6.00	39.29	29.49	20.29	9.55	39.96	999.00	-1.32	999.00	-2.01	0.00
21	3	18	19	30.88	34.39	3.80	37.91	999.00	22.58	27.74	5.68	38.44	26.83	21.57	9.18	39.19	999.00	-1.08	999.00	-1.93	0.00
21	3	18	20	28.22	34.38	4.35	37.36	999.00	20.16	29.03	6.08	37.90	20.88	22.08	10.49	38.17	999.00	-0.63	999.00	-1.91	0.00
21	3	18	21	23.93	40.60	4.22	36.76	999.00	16.20	36.52	5.39	37.29	17.07	25.58	9.85	38.01	999.00	-1.59	999.00	-1.82	0.00
21	3	18	22	23.72	40.71	5.04	36.40	999.00	15.80	36.72	5.99	36.89	15.32	26.20	9.51	37.99	999.00	-1.62	999.00	-1.84	0.00
21	3	18	23	25.27	40.17	3.96	35.61	999.00	15.88	37.33	5.02	36.10	15.95	26.06	9.91	37.22	999.00	-1.59	999.00	-1.73	0.00
21	3	18	24	28.26	38.99	4.53	35.20	999.00	18.99	33.43	6.20	35.73	19.73	26.09	9.78	36.83	999.00	-1.64	999.00	-1.50	0.00
21	3	19	1	29.08	42.07	3.22	34.25	999.00	19.14	37.66	4.65	34.79	19.40	27.80	9.38	35.94	999.00	-1.71	999.00	-1.35	0.00
21	3	19	2	32.39	38.82	4.32	34.25	999.00	22.94	32.00	5.71	34.79	26.75	25.63	9.86	35.94	999.00	-1.66	999.00	-1.23	0.00
21	3	19	3	31.48	39.18	3.36	32.45	999.00	20.92	33.08	5.44	32.99	23.21	25.73	9.75	34.12	999.00	-1.70	999.00	-1.28	0.00
21	3	19	4	34.22	37.01	3.39	31.77	999.00	24.61	31.06	5.64	32.31	28.66	25.35	9.17	33.46	999.00	-1.72	999.00	-1.29	0.00
21	3	19	5	35.60	33.66	4.44	31.05	999.00	26.41	27.95	6.63	31.58	29.97	23.68	8.74	32.75	999.00	-1.70	999.00	-1.32	0.00
21	3	19	6	36.25	34.08	3.78	30.22	999.00	26.58	28.75	6.25	30.77	29.09	24.25	9.18	31.96	999.00	-1.73	999.00	-1.34	0.00
21	3	19	7	36.47	30.75	5.36	29.60	999.00	27.59	25.33	7.48	30.14	28.18	22.68	9.60	31.35	999.00	-1.75	999.00	-1.33	0.00
21	3	19	8	40.09	29.92	4.70	28.98	999.00	31.60	24.88	6.85	29.52	30.63	21.50	8.85	30.73	999.00	-1.77	999.00	-1.33	0.00
21	3	19	9	46.84	23.66	7.58	28.76	999.00	38.42	19.57	7.48	29.30	34.62	19.00	10.53	30.74	999.00	-2.17	999.00	-1.19	0.00
21	3	19	10	48.59	23.62	6.62	28.56	999.00	39.78	19.58	7.00	29.12	37.16	19.00	10.19	30.92	999.00	-2.56	999.00	-1.42	0.00
21	3	19	11	51.14	21.02	5.73	28.65	999.00	42.34	18.36	5.64	29.26	38.71	17.18	10.36	31.54	999.00	-3.08	999.00	-1.76	0.00
21	3	19	12	51.14	19.84	6.34	29.06	999.00	41.56	16.58	6.26	29.74	42.61	15.58	12.57	32.26	999.00	-3.27	999.00	-1.89	0.00
21	3	19	13	52.48	18.95	7.44	29.68	999.00	42.43	17.04	6.92	30.38	42.11	15.62	11.90	33.05	999.00	-3.59	999.00	-2.23	0.00
21	3	19	14	61.73	19.88	6.66	30.58	999.00	50.47	19.41	5.98	31.29	53.98	16.24	11.94	34.16	999.00	-3.42	999.00	-2.39	0.00
21	3	19	15	80.50	20.81	4.16	31.55	999.00	68.90	20.59	4.97	32.14	73.80	14.18	13.05	34.83	999.00	-3.15	999.00	-2.55	0.00
21	3	19	16	90.60	15.84	6.18	32.02	999.00	80.00	15.17	7.50	32.60	82.70	11.00	13.80	35.15	999.00	-3.42	999.00	-2.41	0.00
21	3	19	17	95.10	15.50	5.46	32.60	999.00	82.50	15.28	7.09	33.29	83.80	10.54	14.81	35.93	999.00	-3.14	999.00	-2.25	0.00
21	3	19	18	98.20	13.27	5.76	33.50	999.00	87.20	13.06	7.11	34.17	92.80	9.08	14.35	36.55	999.00	-2.92	999.00	-1.81	0.00
21	3	19	19	93.30	11.59	4.17	33.50	999.00	81.80	11.43	5.09	34.17	94.70	7.28	14.43	36.55	999.00	-2.46	999.00	-1.48	0.00
21	3	19	20	81.10	7.40	5.87	33.18	999.00	70.30	7.20	6.18	33.72	78.30	4.69	12.16	35.02	999.00	-1.50	999.00	-0.91	0.00
21	3	19	21	82.60	8.05	3.30	33.27	999.00	67.27	8.09	3.63	33.72	67.04	5.30	9.22	34.39	999.00	-1.04	999.00	-0.71	0.00
21	3	19	22	73.20	6.77	5.52	33.33	999.00	57.42	6.54	5.97	33.70	65.56	3.95	12.95	34.17	999.00	-0.77	999.00	-0.61	0.00
21	3	19	23	72.50	7.54	3.50	33.59	999.00	56.42	6.25	3.48	33.80	68.71	4.02	6.61	34.15	999.00	-0.44	999.00	-0.57	0.00
21	3	19	24	71.60	8.39	2.07	34.34	999.00	55.31	7.19	2.24	34.21	61.90	4.82	6.17	34.44	999.00	-0.22	999.00	-0.45	0.00
21	3	20	1	64.45	8.46	4.70	34.29	999.00	49.91	8.31	3.93	34.50	54.48	5.04	9.17	34.72	999.00	-0.50	999.00	-0.49	0.00
21	3	20	2	69.93	9.60	2.58	34.08	999.00	55.11	9.28	2.50	34.42	64.58	6.02	7.98	34.80	999.00	-0.71	999.00	-0.58	0.00
21	3	20	3	81.40	10.26	2.41	33.72	999.00	68.95	9.99	2.58	34.14	74.80	5.70	9.52	34.53	999.00	-0.77	999.00	-0.47	0.00
21	3	20	4	90.40	10.44	3.09	33.31	999.00	76.80	9.51	3.76	33.74	77.30	4.96	9.50	34.14	999.00	-0.67	999.00	-0.42	0.00
21	3	20	5	107.40	9.61	3.69	33.43	999.00	96.70	9.64	4.39	33.88	101.10	5.31	11.07	34.28	999.00	-0.90	999.00	-0.57	0.00
21	3	20	6	114.10	11.78	2.42	33.40	999.00	103.00	10.88	3.47	33.88	106.70	6.13	10.09	34.27	999.00	-0.81	999.00	-0.48	0.00
21	3	20	7	123.60	8.24	1.86	32.96	999.00	119.20	7.81	2.38	33.24	160.60	2.45	8.66	32.20	999.00	1.76	999.00	1.59	0.00
21	3	20	8	121.30	7.55	2.13	32.80	999.00	111.10	6.48	2.19	33.07	210.80	3.02	10.24	30.65	999.00	2.59	999.00	3.08	0.00
21	3	20	9	119.60	9.72	3.21	33.57	999.00	106.30	7.09	3.77	33.62	201.40	1.03	33.76	30.49	999.00	1.58	999.00	2.30	0.00
21	3	20	10	104.40	7.74	7.73	35.11	999.00	92.40	7.17	9.48	35.36	114.20	5.43	15.66	35.94	999.00	-2.34	999.00	-1.45	0.00
21	3	20	11	113.90	8.33	5.74	35.80	999.00	98.40	7.62	9.23	36.43	87.40	6.08	14.43	38.58	999.00	-2.86	999.00	-1.79	0.00
21	3	20	12	100.50	5.69	10.50	37.49	999.00	80.90	6.42	10.66	38.03	69.34	6.08	13.46	39.83	999.00	-2.00	999.00	-1.80	0.00
21	3	20	13	76.80	5.84	12.54	38.09	999.00	61.25	6.29	10.79	38.56	67.04	6.45	17.01	40.48	999.00	-2.54	999.00	-0.76	0.00
21	3	20	14	67.84	6.76	10.60	38.84	999.00	48.81	6.66	7.96	39.35	42.56	7.70	11.30	41.92	999.00	-3.39	999.00	-1.51	0.00

21	3	20	15	54.42	7.55	8.97	38.64	999.00	42.12	7.75	7.44	39.16	43.34	9.26	10.49	41.55	999.00	-2.53	999.00	-1.09	0.00
21	3	20	16	61.27	7.12	9.33	39.01	999.00	49.62	7.29	7.55	39.38	46.43	8.78	13.12	41.49	999.00	-3.01	999.00	-1.59	0.00
21	3	20	17	69.64	8.04	6.55	39.68	999.00	57.08	7.82	7.78	39.91	50.72	8.36	9.93	42.20	999.00	-2.85	999.00	-1.54	0.00
21	3	20	18	58.60	7.77	7.08	41.16	999.00	51.58	7.97	7.20	41.28	59.55	7.00	12.53	43.11	999.00	-1.77	999.00	-1.23	0.00
21	3	20	19	67.13	9.03	3.44	41.96	999.00	68.84	9.28	4.92	40.70	83.20	6.90	10.92	41.89	999.00	1.33	999.00	-0.82	0.00
21	3	20	20	91.30	15.44	1.37	40.57	999.00	81.60	15.63	2.90	39.37	82.00	8.52	9.98	39.97	999.00	0.50	999.00	-0.01	0.00
21	3	20	21	101.50	16.28	2.31	39.34	999.00	93.70	13.82	4.06	38.54	100.30	7.28	10.53	38.86	999.00	0.16	999.00	-0.44	0.00
21	3	20	22	108.50	15.45	3.51	39.44	999.00	99.00	12.53	5.12	38.79	108.10	6.36	12.06	39.03	999.00	-0.19	999.00	-0.41	0.00
21	3	20	23	106.90	19.94	1.65	40.61	999.00	100.20	15.26	3.04	39.08	106.30	7.00	11.44	39.02	999.00	1.92	999.00	0.37	0.00
21	3	20	24	112.30	21.84	1.64	41.52	999.00	105.40	15.25	3.61	39.93	111.50	5.78	11.68	39.25	999.00	2.22	999.00	0.62	0.00
21	3	21	1	114.80	22.41	0.70	42.86	999.00	108.90	15.92	2.30	40.94	114.30	4.79	11.38	39.67	999.00	4.02	999.00	1.84	0.00
21	3	21	2	120.00	18.44	3.64	44.12	999.00	107.60	12.97	2.63	42.07	113.00	3.01	6.90	39.67	999.00	5.11	999.00	2.55	0.00
21	3	21	3	141.50	16.06	0.90	44.39	999.00	129.60	10.57	2.36	41.64	117.40	2.31	4.67	39.14	999.00	5.59	999.00	2.76	0.00
21	3	21	4	147.80	18.86	1.04	45.42	999.00	141.60	12.38	1.43	42.00	114.50	0.20	16.70	38.34	999.00	7.81	999.00	4.06	0.00
21	3	21	5	156.10	20.22	0.91	45.67	999.00	146.50	14.56	0.55	42.86	124.50	2.70	3.89	37.65	999.00	999.00	999.00	5.16	0.00
21	3	21	6	163.50	18.45	0.85	999.00	999.00	151.10	13.44	0.63	43.51	123.00	2.95	3.54	37.29	999.00	999.00	999.00	6.10	0.00
21	3	21	7	171.30	13.98	1.64	999.00	999.00	154.40	10.33	4.53	43.69	352.40	1.42	12.75	36.54	999.00	999.00	999.00	7.96	0.00
21	3	21	8	166.20	9.02	2.04	999.00	999.00	141.90	7.28	3.02	43.69	76.20	3.06	4.99	36.54	999.00	6.30	999.00	4.88	0.00
21	3	21	9	174.90	7.87	1.47	43.47	999.00	138.70	6.70	3.21	41.85	83.10	2.29	9.47	38.28	999.00	3.81	999.00	2.86	0.00
21	3	21	10	183.00	8.80	2.58	43.90	999.00	146.70	5.23	6.53	41.50	109.00	3.82	16.17	41.49	999.00	1.46	999.00	0.54	0.00
21	3	21	11	192.10	6.48	6.42	44.44	999.00	183.60	5.64	8.62	44.01	171.90	2.56	27.94	45.70	999.00	-2.64	999.00	0.00	0.00
21	3	21	12	240.20	3.93	12.02	48.27	999.00	251.70	2.35	47.14	48.28	78.10	4.68	10.82	49.25	999.00	0.87	999.00	3.04	0.00
21	3	21	13	93.30	4.84	12.51	49.85	999.00	54.69	5.79	6.48	48.36	76.90	5.97	12.92	47.72	999.00	1.40	999.00	0.03	0.00
21	3	21	14	102.90	6.99	2.21	49.85	999.00	77.30	8.06	1.55	48.36	73.60	7.70	9.75	47.72	999.00	4.52	999.00	3.29	0.00
21	3	21	15	92.50	10.26	2.34	54.16	999.00	72.40	10.85	4.24	52.28	64.44	8.61	12.59	50.10	999.00	4.99	999.00	2.91	0.00
21	3	21	16	84.80	14.80	3.01	54.12	999.00	68.38	13.62	4.42	51.29	79.30	8.89	10.10	51.21	999.00	1.94	999.00	-0.16	0.00
21	3	21	17	92.30	18.88	2.20	54.12	999.00	79.50	16.17	4.38	51.29	78.90	8.53	12.45	51.21	999.00	3.29	999.00	0.10	0.00
21	3	21	18	100.60	19.30	2.09	54.44	999.00	91.40	18.51	3.43	52.34	94.90	8.16	14.91	52.24	999.00	2.14	999.00	0.32	0.00
21	3	21	19	101.20	20.39	1.07	53.85	999.00	91.20	18.46	1.43	52.21	91.20	6.53	12.36	49.83	999.00	6.38	999.00	5.35	0.00
21	3	21	20	113.70	16.49	2.79	53.02	999.00	97.40	17.94	3.15	51.21	89.90	8.58	12.40	47.67	999.00	4.51	999.00	3.15	0.00
21	3	21	21	107.90	22.52	1.32	49.30	999.00	102.10	14.65	2.70	47.53	105.70	5.38	11.29	44.85	999.00	5.46	999.00	2.12	0.00
21	3	21	22	131.00	16.81	2.46	51.61	999.00	105.70	17.03	1.03	48.03	98.10	5.67	8.70	44.22	999.00	999.00	999.00	4.87	0.00
21	3	21	23	151.50	14.43	1.34	999.00	999.00	136.50	13.82	2.89	52.70	103.50	6.39	8.13	45.16	999.00	999.00	999.00	7.97	0.00
21	3	21	24	163.20	16.26	2.33	999.00	999.00	148.10	14.17	1.81	54.18	108.30	4.24	6.17	46.20	999.00	999.00	999.00	7.97	0.00
21	3	22	1	167.30	18.81	0.97	999.00	999.00	156.40	14.74	1.23	54.00	116.90	1.89	6.06	45.49	999.00	999.00	999.00	7.97	0.00
21	3	22	2	183.30	16.90	1.29	999.00	999.00	171.70	13.94	3.25	51.73	214.50	3.18	6.88	44.48	999.00	999.00	999.00	7.97	0.00
21	3	22	3	183.90	18.61	0.72	999.00	999.00	174.40	15.26	0.59	50.76	142.40	3.28	6.88	43.20	999.00	999.00	999.00	7.97	0.00
21	3	22	4	185.50	22.11	1.79	999.00	999.00	173.20	17.13	1.32	999.00	158.60	3.07	6.51	45.44	999.00	999.00	999.00	7.71	0.00
21	3	22	5	198.80	21.18	1.98	999.00	999.00	185.10	20.14	2.21	999.00	161.60	4.07	7.24	46.03	999.00	999.00	999.00	7.97	0.00
21	3	22	6	179.60	20.69	1.19	53.69	999.00	167.60	16.44	2.33	53.13	160.30	3.57	8.27	46.04	999.00	7.88	999.00	6.38	0.00
21	3	22	7	189.40	15.89	6.98	51.41	999.00	190.70	10.86	12.81	49.21	248.70	4.97	26.84	44.19	999.00	7.28	999.00	5.14	0.00
21	3	22	8	194.20	18.93	2.98	49.94	999.00	191.50	14.29	4.49	48.65	211.60	3.61	18.47	42.85	999.00	7.74	999.00	5.77	0.00
21	3	22	9	199.60	16.21	3.96	49.12	999.00	202.80	11.96	7.20	47.77	220.60	3.28	18.48	43.23	999.00	4.52	999.00	3.19	0.00
21	3	22	10	191.20	15.19	5.18	48.76	999.00	185.60	12.29	6.84	47.99	186.60	6.32	15.47	47.22	999.00	-1.07	999.00	-0.48	0.00
21	3	22	11	190.70	14.61	6.25	51.58	999.00	183.50	14.07	7.52	51.97	183.80	9.26	15.94	54.12	999.00	-2.62	999.00	-0.99	0.00
21	3	22	12	193.00	13.17	7.47	56.77	999.00	187.20	12.54	8.55	57.27	189.90	8.75	17.38	59.86	999.00	-3.20	999.00	-1.59	0.00

21	3	22	13	194.50	10.56	14.13	60.00	999.00	189.70	9.98	14.83	60.53	192.30	7.37	22.16	63.46	999.00	-3.74	999.00	-2.13	0.00
21	3	22	14	182.90	12.34	11.71	62.51	999.00	178.00	12.41	12.30	63.07	175.80	8.39	20.02	66.27	999.00	-3.62	999.00	-1.53	0.00
21	3	22	15	188.60	13.21	11.91	64.15	999.00	184.50	13.13	13.06	64.72	184.50	9.19	21.45	67.68	999.00	-3.12	999.00	-1.55	0.00
21	3	22	16	172.00	14.83	8.65	65.15	999.00	166.70	14.08	8.76	65.71	178.10	8.54	18.13	68.12	999.00	-2.76	999.00	-1.53	0.00
21	3	22	17	176.60	13.08	9.11	65.57	999.00	172.20	12.33	9.56	66.11	179.10	7.60	18.72	68.48	999.00	-3.32	999.00	-1.68	0.00
21	3	22	18	173.30	16.26	6.53	65.73	999.00	169.00	15.20	7.36	66.26	177.40	9.71	13.79	68.21	999.00	-2.08	999.00	-0.98	0.00
21	3	22	19	179.10	15.95	4.97	65.45	999.00	175.00	14.08	5.76	65.93	179.40	7.77	11.97	66.95	999.00	-1.00	999.00	-0.42	0.00
21	3	22	20	167.70	13.26	1.44	64.98	999.00	159.30	12.26	1.80	65.28	156.00	4.35	9.67	64.96	999.00	0.91	999.00	0.90	0.00
21	3	22	21	162.10	14.62	0.94	64.61	999.00	151.60	13.54	1.23	64.56	139.60	4.18	7.09	62.85	999.00	2.34	999.00	2.07	0.00
21	3	22	22	157.80	15.31	2.37	64.19	999.00	146.10	12.89	4.11	63.86	121.20	3.61	14.54	61.33	999.00	3.45	999.00	3.18	0.00
21	3	22	23	162.80	15.57	5.39	63.62	999.00	151.00	12.49	6.73	62.72	107.60	4.11	12.97	57.35	999.00	7.49	999.00	6.51	0.00
21	3	22	24	156.40	19.19	1.24	62.45	999.00	146.80	18.07	1.75	61.84	147.30	4.16	8.40	56.46	999.00	5.88	999.00	4.26	0.00
21	3	23	1	167.90	21.84	1.50	63.30	999.00	157.10	19.30	1.22	62.26	152.80	4.78	8.40	56.25	999.00	7.64	999.00	6.45	0.00
21	3	23	2	175.60	21.82	0.96	63.23	999.00	164.70	17.22	1.97	61.28	163.70	3.89	9.75	55.35	999.00	7.84	999.00	4.32	0.00
21	3	23	3	180.30	21.24	1.03	62.22	999.00	164.80	17.92	1.51	60.65	150.40	3.42	13.42	54.33	999.00	7.99	999.00	5.97	0.00
21	3	23	4	176.80	16.76	5.08	999.00	999.00	163.10	15.56	3.10	60.53	158.10	2.69	10.02	52.82	999.00	999.00	999.00	7.82	0.00
21	3	23	5	171.50	15.63	4.70	59.70	999.00	151.30	14.02	3.79	58.70	124.50	3.43	17.45	52.68	999.00	7.17	999.00	5.17	0.00
21	3	23	6	154.20	22.88	1.71	58.72	999.00	144.50	18.23	2.48	56.21	124.10	4.18	9.05	51.46	999.00	7.99	999.00	5.68	0.00
21	3	23	7	159.90	22.53	4.52	58.95	999.00	143.30	17.62	4.35	57.15	130.00	4.53	11.39	51.44	999.00	7.19	999.00	3.07	0.00
21	3	23	8	171.00	22.42	1.66	55.40	999.00	155.80	17.11	2.36	53.34	135.50	5.61	10.73	50.76	999.00	4.86	999.00	2.52	0.00
21	3	23	9	173.40	24.22	1.42	55.66	999.00	160.00	18.23	2.69	53.16	155.40	5.04	14.10	50.65	999.00	4.51	999.00	1.84	0.00
21	3	23	10	162.00	17.63	4.97	54.20	999.00	151.70	13.91	6.07	53.23	148.80	5.67	16.70	52.96	999.00	-0.56	999.00	-0.59	0.00
21	3	23	11	172.90	15.82	6.58	55.82	999.00	165.30	14.46	7.04	56.21	170.30	8.85	14.85	58.23	999.00	-2.60	999.00	-1.24	0.00
21	3	23	12	175.20	14.22	6.37	59.28	999.00	168.90	13.77	7.16	59.79	175.20	9.92	14.97	61.84	999.00	-2.64	999.00	-1.23	0.00
21	3	23	13	152.90	12.93	6.14	60.83	999.00	146.70	12.52	7.17	61.32	149.00	8.31	14.93	63.44	999.00	-2.79	999.00	-1.25	0.00
21	3	23	14	120.10	15.14	8.13	62.87	999.00	109.40	14.87	7.40	63.24	100.20	7.67	15.86	65.47	999.00	-1.57	999.00	-0.64	0.00
21	3	23	15	109.00	17.80	3.37	63.51	999.00	95.20	15.19	7.98	63.27	108.40	7.71	14.89	63.85	999.00	-0.18	999.00	-0.57	0.00
21	3	23	16	119.00	17.70	3.84	63.70	999.00	101.20	17.27	4.35	62.58	84.60	8.67	13.54	62.53	999.00	3.06	999.00	2.14	0.00
21	3	23	17	137.30	14.83	6.57	64.22	999.00	119.80	14.63	6.14	63.79	102.20	7.28	12.46	60.95	999.00	5.30	999.00	4.72	0.00
21	3	23	18	136.70	14.72	5.51	65.08	999.00	118.50	14.92	6.38	64.12	86.30	6.39	16.16	59.58	999.00	6.56	999.00	6.19	0.00
21	3	23	19	159.60	13.35	4.49	65.47	999.00	153.40	11.55	5.15	65.34	92.20	3.08	11.78	58.39	999.00	7.48	999.00	7.79	0.00
21	3	23	20	140.30	15.07	1.82	65.47	999.00	130.50	14.14	2.01	65.34	102.40	5.25	7.79	58.39	999.00	6.03	999.00	5.33	0.00
21	3	23	21	139.90	18.45	3.18	64.13	999.00	129.00	14.98	3.60	63.70	109.20	5.22	8.31	60.37	999.00	3.88	999.00	4.27	0.00
21	3	23	22	136.10	20.17	2.82	63.09	999.00	124.70	18.81	2.85	62.55	114.80	6.58	8.45	58.12	999.00	4.42	999.00	3.69	0.00
21	3	23	23	137.70	20.28	2.72	62.61	999.00	126.10	18.38	2.77	62.28	111.10	6.39	9.74	58.45	999.00	4.44	999.00	4.02	0.00
21	3	23	24	137.30	20.81	3.13	61.90	999.00	127.60	17.69	3.65	61.62	113.50	6.08	9.63	58.23	999.00	3.69	999.00	3.32	0.00
21	3	24	1	136.80	18.41	4.23	61.45	999.00	125.30	16.72	4.19	61.34	107.10	5.89	10.70	58.89	999.00	2.69	999.00	3.26	0.00
21	3	24	2	140.20	17.31	2.99	60.14	999.00	130.10	15.09	3.41	60.21	101.90	5.05	9.30	54.93	999.00	6.26	999.00	5.88	0.00
21	3	24	3	152.80	20.35	3.95	59.72	999.00	143.60	16.97	5.12	59.65	122.50	5.69	11.81	55.51	999.00	3.58	999.00	2.46	0.00
21	3	24	4	159.90	23.75	2.65	60.32	999.00	151.10	19.58	3.49	59.81	147.20	6.68	13.07	58.40	999.00	2.00	999.00	1.18	0.00
21	3	24	5	158.00	22.12	3.27	60.13	999.00	149.60	19.15	4.35	60.11	149.50	7.93	13.81	59.58	999.00	0.08	999.00	0.01	0.00
21	3	24	6	167.50	20.65	3.59	59.31	999.00	159.20	17.73	3.98	59.49	157.80	7.84	11.88	59.35	999.00	0.02	999.00	0.12	0.00
21	3	24	7	172.30	20.49	5.35	58.22	999.00	164.70	18.15	5.72	58.42	162.40	7.96	13.26	58.15	999.00	-0.03	999.00	0.08	0.00
21	3	24	8	183.60	22.09	5.66	57.73	999.00	174.70	19.67	6.06	57.98	176.10	9.85	13.20	58.04	999.00	-0.41	999.00	-0.40	0.00
21	3	24	9	171.30	19.92	4.42	57.76	999.00	162.50	17.71	5.46	58.14	162.30	9.32	13.07	58.93	999.00	-1.69	999.00	-0.76	0.00
21	3	24	10	187.60	19.20	6.92	58.39	999.00	180.80	18.26	7.30	58.90	182.80	11.66	13.81	60.51	999.00	-2.32	999.00	-0.98	0.00

21	3	24	11	202.40	28.68	6.37	61.30	999.00	197.60	27.36	6.64	61.82	203.80	17.47	14.17	63.85	999.00	-2.73	999.00	-1.97	0.00
21	3	24	12	200.60	31.40	5.22	62.58	999.00	194.70	30.55	5.84	63.16	198.00	18.12	13.71	65.48	999.00	-2.79	999.00	-1.75	0.00
21	3	24	13	205.90	34.73	4.76	63.04	999.00	199.40	33.01	5.66	63.62	203.90	19.90	13.99	65.61	999.00	-2.52	999.00	-1.65	0.00
21	3	24	14	206.70	26.15	6.59	63.94	999.00	201.50	24.99	6.89	64.53	207.10	16.97	12.77	66.71	999.00	-3.05	999.00	-2.06	0.00
21	3	24	15	195.20	26.92	8.74	65.63	999.00	189.10	26.03	9.32	66.20	193.10	16.21	16.79	68.53	999.00	-2.85	999.00	-1.54	0.00
21	3	24	16	208.80	28.35	5.20	67.85	999.00	204.00	27.10	5.85	68.41	209.90	17.79	11.62	70.53	999.00	-2.64	999.00	-1.76	0.00
21	3	24	17	214.70	28.62	7.01	68.59	999.00	207.60	26.90	6.96	69.12	212.90	17.74	12.18	70.82	999.00	-2.18	999.00	-1.56	0.00
21	3	24	18	218.30	30.28	7.01	68.72	999.00	211.90	28.33	6.68	69.24	215.50	19.88	10.62	70.93	999.00	-2.12	999.00	-1.25	0.00
21	3	24	19	212.70	29.63	6.05	68.85	999.00	206.70	27.54	6.37	69.34	211.40	16.69	12.00	70.56	999.00	-1.25	999.00	-0.65	0.00
21	3	24	20	210.40	26.24	4.24	68.36	999.00	204.00	23.90	5.10	68.75	206.90	14.28	11.93	69.35	999.00	-0.51	999.00	-0.10	0.00
21	3	24	21	210.50	23.77	3.08	67.13	999.00	204.10	21.09	4.01	67.30	204.30	10.05	12.54	66.91	999.00	0.51	999.00	0.67	0.00
21	3	24	22	207.20	23.45	3.40	66.18	999.00	199.00	20.15	4.59	66.12	199.70	8.47	12.00	65.22	999.00	0.70	999.00	0.67	0.00
21	3	24	23	266.30	23.15	7.50	64.11	999.00	255.50	20.80	8.57	64.18	255.60	12.49	11.28	63.70	999.00	-0.81	999.00	-0.41	0.00
21	3	24	24	252.40	19.97	2.85	59.24	999.00	242.60	17.28	3.61	59.45	238.30	9.21	7.92	59.38	999.00	0.28	999.00	0.33	0.00
21	3	25	1	247.00	20.03	3.72	56.81	999.00	236.30	17.46	4.32	56.97	234.30	10.56	7.55	56.75	999.00	0.01	999.00	0.16	0.00
21	3	25	2	251.80	18.69	2.27	55.42	999.00	239.30	15.53	3.31	55.40	230.80	7.82	5.99	55.04	999.00	0.94	999.00	0.75	0.00
21	3	25	3	245.70	18.66	1.96	54.21	999.00	232.70	15.64	2.12	53.81	227.10	6.65	6.45	52.64	999.00	1.79	999.00	1.22	0.00
21	3	25	4	231.50	18.61	2.10	53.13	999.00	216.00	16.73	2.55	52.85	200.80	5.46	11.30	51.00	999.00	2.35	999.00	1.86	0.00
21	3	25	5	234.00	19.08	2.50	52.57	999.00	220.20	15.97	2.92	52.04	207.90	5.95	11.31	50.29	999.00	1.96	999.00	1.39	0.00
21	3	25	6	226.10	17.38	5.07	51.10	999.00	208.70	14.56	5.33	50.55	190.80	4.08	12.76	48.74	999.00	2.70	999.00	2.11	0.00
21	3	25	7	222.70	18.16	1.84	50.78	999.00	202.80	16.25	2.48	50.15	181.60	6.68	7.86	47.40	999.00	3.63	999.00	2.63	0.00
21	3	25	8	218.50	20.79	2.82	50.54	999.00	199.60	17.59	2.55	49.53	189.70	6.61	12.00	47.42	999.00	3.02	999.00	1.74	0.00
21	3	25	9	221.10	17.35	2.46	49.86	999.00	206.50	13.36	4.07	48.83	204.80	5.49	12.91	48.19	999.00	0.36	999.00	-0.34	0.00
21	3	25	10	234.50	8.59	7.61	49.86	999.00	225.70	7.58	7.10	48.83	224.90	6.14	11.61	48.19	999.00	-2.43	999.00	-1.59	0.00
21	3	25	11	221.90	6.61	8.29	51.66	999.00	217.30	6.51	8.39	52.21	223.00	5.58	12.70	54.55	999.00	-2.68	999.00	-1.58	0.00
21	3	25	12	208.60	5.01	41.80	54.54	999.00	192.30	5.06	30.45	55.11	176.50	4.49	21.54	57.62	999.00	-3.29	999.00	-1.28	0.00
21	3	25	13	83.80	9.83	6.06	54.54	999.00	67.59	8.67	9.07	55.11	58.99	7.19	17.02	57.62	999.00	-2.18	999.00	-1.91	0.00
21	3	25	14	106.30	9.51	6.28	55.94	999.00	75.50	8.75	8.53	55.07	70.30	7.55	12.99	56.74	999.00	1.04	999.00	-0.63	0.00
21	3	25	15	89.10	10.64	8.68	56.29	999.00	65.17	12.04	5.60	55.26	65.71	8.90	10.86	55.75	999.00	0.47	999.00	-0.39	0.00
21	3	25	16	73.90	14.39	2.11	57.02	999.00	58.84	14.30	3.49	55.55	62.88	9.02	11.73	55.41	999.00	3.03	999.00	1.24	0.00
21	3	25	17	71.90	15.04	3.59	54.98	999.00	55.39	14.03	3.52	53.08	55.01	8.97	10.21	52.67	999.00	2.90	999.00	1.41	0.01
21	3	25	18	85.60	14.12	5.73	54.55	999.00	76.60	13.23	5.54	53.37	93.80	5.90	21.07	51.16	999.00	3.58	999.00	2.36	0.05
21	3	25	19	84.90	15.91	3.98	51.67	999.00	70.30	17.09	2.87	50.77	70.60	9.43	9.57	48.71	999.00	3.27	999.00	1.95	0.00
21	3	25	20	82.40	18.35	2.02	50.59	999.00	62.11	18.71	2.82	50.01	77.10	7.71	11.72	47.24	999.00	4.29	999.00	2.77	0.00
21	3	25	21	92.70	18.61	2.91	47.55	999.00	77.00	14.94	3.83	46.50	72.70	8.92	10.27	45.89	999.00	1.56	999.00	-0.48	0.00
21	3	25	22	88.00	22.25	3.22	45.52	999.00	74.80	17.70	5.44	44.73	82.30	9.22	13.44	44.90	999.00	0.93	999.00	-0.74	0.00
21	3	25	23	82.60	25.87	1.80	46.62	999.00	68.86	20.70	4.38	45.23	71.90	10.60	10.41	44.70	999.00	1.90	999.00	-0.23	0.11
21	3	25	24	51.78	20.14	8.92	44.65	999.00	39.86	16.80	8.39	44.52	36.42	14.52	11.48	44.60	999.00	-0.77	999.00	-1.35	0.08
21	3	26	1	37.84	30.34	4.96	43.46	999.00	29.33	24.00	6.22	44.15	29.77	20.87	7.91	44.74	999.00	-1.51	999.00	-1.12	0.03
21	3	26	2	60.66	22.25	7.50	45.01	999.00	46.20	17.61	7.12	44.85	43.43	13.15	11.26	45.14	999.00	-0.31	999.00	-0.97	0.23
21	3	26	3	86.00	25.35	3.79	48.98	999.00	63.95	22.26	4.89	47.24	60.56	10.90	11.54	46.10	999.00	2.41	999.00	0.15	0.04
21	3	26	4	188.80	13.82	15.11	50.16	999.00	176.70	9.81	22.35	49.40	235.90	3.37	66.53	47.48	999.00	3.65	999.00	2.51	0.00
21	3	26	5	239.10	17.34	9.56	51.61	999.00	241.50	13.52	11.76	50.83	266.50	6.53	13.19	48.11	999.00	2.65	999.00	1.41	0.00
21	3	26	6	298.00	15.86	4.81	48.94	999.00	293.00	13.67	5.72	49.14	289.20	7.85	11.32	48.83	999.00	-0.22	999.00	-1.00	0.03
21	3	26	7	311.50	24.21	5.74	44.05	999.00	302.20	22.75	6.22	44.88	303.70	15.07	9.88	45.61	999.00	-1.70	999.00	-1.90	0.02
21	3	26	8	296.60	30.72	5.01	39.47	999.00	285.80	29.35	5.97	40.68	283.40	20.71	10.00	41.56	999.00	-2.36	999.00	-1.73	0.00

21	3	26	9	287.40	25.55	7.97	37.62	999.00	274.20	24.11	8.61	39.44	270.50	16.83	9.94	40.13	999.00	-2.40	999.00	-1.11	0.00
21	3	26	10	284.10	24.81	6.83	38.37	999.00	272.20	23.42	7.62	40.01	268.50	16.05	9.66	40.39	999.00	-1.91	999.00	-1.23	0.00
21	3	26	11	294.20	23.47	8.30	40.19	999.00	282.70	22.67	9.19	41.74	279.50	16.62	11.04	42.31	999.00	-2.05	999.00	-1.33	0.00
21	3	26	12	283.70	15.49	5.07	42.91	999.00	273.90	14.94	6.04	43.76	273.90	11.75	9.26	44.45	999.00	-1.15	999.00	-1.41	0.00
21	3	26	13	269.80	13.84	8.95	42.91	999.00	261.20	13.49	10.57	43.76	261.20	11.26	14.26	44.45	999.00	-1.90	999.00	-2.39	0.00
21	3	26	14	253.10	13.72	12.26	48.76	999.00	241.80	13.14	12.35	49.38	242.00	10.33	16.96	51.47	999.00	-3.32	999.00	-2.57	0.00
21	3	26	15	248.30	17.51	5.13	50.67	999.00	238.80	16.75	5.50	51.28	236.50	12.81	10.19	53.23	999.00	-2.31	999.00	-1.72	0.00
21	3	26	16	249.70	17.97	5.92	50.49	999.00	240.10	17.20	6.98	51.09	241.50	13.26	12.08	52.98	999.00	-2.77	999.00	-2.12	0.00
21	3	26	17	230.40	18.61	4.36	50.55	999.00	222.10	18.12	4.34	51.14	222.70	14.48	9.93	53.34	999.00	-2.66	999.00	-1.80	0.00
21	3	26	18	224.50	18.72	5.38	50.54	999.00	217.10	17.66	5.95	51.13	219.70	13.16	9.41	53.00	999.00	-2.23	999.00	-1.50	0.00
21	3	26	19	239.40	22.00	4.41	49.29	999.00	230.80	21.21	4.36	49.88	234.70	16.31	8.87	51.41	999.00	-2.07	999.00	-1.31	0.00
21	3	26	20	244.20	17.04	6.02	48.26	999.00	235.20	16.25	5.84	48.83	235.20	11.90	8.66	50.00	999.00	-1.65	999.00	-1.08	0.00
21	3	26	21	247.50	16.05	6.26	48.20	999.00	236.60	14.49	6.89	48.76	239.30	9.64	10.37	49.78	999.00	-1.53	999.00	-1.01	0.00
21	3	26	22	249.00	14.21	6.07	47.86	999.00	239.10	12.90	6.45	48.42	240.20	9.59	9.40	49.42	999.00	-1.54	999.00	-1.01	0.00
21	3	26	23	254.50	14.59	4.65	47.49	999.00	246.30	13.48	5.11	48.03	245.60	8.49	9.18	48.98	999.00	-1.45	999.00	-0.94	0.00
21	3	26	24	276.00	15.37	2.55	46.99	999.00	266.10	14.16	3.52	47.52	265.70	8.88	8.86	48.43	999.00	-1.38	999.00	-0.81	0.00
21	3	27	1	254.00	13.40	4.18	46.04	999.00	244.00	12.05	5.36	46.51	244.10	7.49	9.92	47.21	999.00	-1.21	999.00	-0.83	0.00
21	3	27	2	257.70	9.83	5.25	45.19	999.00	246.90	9.40	4.55	45.69	249.50	6.05	8.70	46.48	999.00	-1.23	999.00	-0.64	0.00
21	3	27	3	254.70	12.12	4.95	44.32	999.00	241.60	10.36	5.50	44.78	238.20	6.26	8.43	45.03	999.00	-0.77	999.00	-0.32	0.00
21	3	27	4	279.00	17.19	3.78	43.42	999.00	270.60	15.36	4.61	43.65	273.20	8.04	8.46	43.82	999.00	-0.35	999.00	-0.19	0.00
21	3	27	5	295.80	12.34	4.41	42.82	999.00	287.00	11.41	5.04	43.20	282.20	6.08	8.38	43.51	999.00	-0.62	999.00	-0.17	0.00
21	3	27	6	301.60	13.62	3.63	41.50	999.00	292.10	12.62	4.39	41.92	288.50	6.02	12.06	42.05	999.00	-0.43	999.00	-0.09	0.00
21	3	27	7	309.50	13.64	6.82	40.60	999.00	298.50	12.50	6.45	41.02	294.40	6.35	11.94	41.04	999.00	-0.35	999.00	-0.13	0.00
21	3	27	8	338.90	11.44	4.54	39.99	999.00	327.80	11.07	5.21	40.54	325.10	8.25	8.82	41.32	999.00	-1.67	999.00	-1.03	0.00
21	3	27	9	20.74	4.84	13.74	38.89	999.00	8.99	4.70	12.93	39.51	6.21	4.64	19.91	40.95	999.00	-2.36	999.00	-1.04	0.00
21	3	27	10	117.40	4.05	15.89	39.10	999.00	107.40	4.12	17.77	39.74	95.60	3.39	24.76	41.40	999.00	-2.44	999.00	-1.33	0.00
21	3	27	11	107.80	5.98	15.03	39.47	999.00	94.00	6.14	15.76	40.14	97.80	5.03	23.49	42.03	999.00	-2.67	999.00	-1.66	0.00
21	3	27	12	76.70	7.69	12.83	40.71	999.00	58.96	7.25	13.28	41.42	61.91	6.95	16.27	43.50	999.00	-2.71	999.00	-1.57	0.00
21	3	27	13	93.60	8.49	9.58	40.71	999.00	75.40	8.43	9.08	41.42	69.88	7.21	13.88	43.50	999.00	-3.20	999.00	-2.30	0.00
21	3	27	14	71.50	6.46	10.15	43.50	999.00	56.61	6.66	10.18	44.13	43.91	6.94	16.62	46.36	999.00	-3.28	999.00	-1.58	0.00
21	3	27	15	103.80	8.25	13.72	45.38	999.00	79.00	8.37	9.34	45.45	73.30	7.47	13.23	47.65	999.00	-1.53	999.00	-1.55	0.00
21	3	27	16	96.90	10.74	3.99	46.31	999.00	76.60	11.15	5.45	46.50	75.80	9.13	12.87	48.70	999.00	-2.21	999.00	-1.67	0.00
21	3	27	17	90.00	11.72	4.15	50.48	999.00	73.30	13.41	3.62	47.59	78.90	9.56	10.45	48.78	999.00	1.63	999.00	-0.54	0.00
21	3	27	18	78.80	16.37	3.91	48.05	999.00	63.61	14.45	6.20	46.75	65.67	9.39	12.52	48.58	999.00	-0.75	999.00	-1.04	0.00
21	3	27	19	91.30	16.98	3.70	47.86	999.00	81.30	12.89	6.62	47.00	85.20	9.22	13.38	48.43	999.00	0.04	999.00	-0.94	0.00
21	3	27	20	93.80	16.29	3.12	46.81	999.00	75.80	15.67	3.72	45.28	78.20	10.90	10.61	46.15	999.00	-0.69	999.00	-1.01	0.00
21	3	27	21	98.10	20.83	2.45	46.81	999.00	83.50	18.37	4.03	45.28	87.90	11.13	11.18	46.15	999.00	-0.39	999.00	-0.91	0.00
21	3	27	22	101.60	20.03	3.53	44.81	999.00	86.50	17.01	4.59	44.42	88.20	10.60	11.02	45.22	999.00	0.42	999.00	-0.57	0.00
21	3	27	23	117.20	19.02	3.53	48.37	999.00	96.40	15.55	4.14	44.52	95.90	8.43	10.25	45.08	999.00	7.16	999.00	-0.22	0.00
21	3	27	24	332.70	21.96	8.93	50.74	999.00	323.90	21.26	8.50	45.02	325.00	15.37	12.04	45.64	999.00	-1.83	999.00	-1.22	0.00
21	3	28	1	43.98	21.10	4.09	45.31	999.00	38.65	17.02	3.90	45.10	50.17	12.67	10.51	45.22	999.00	1.79	999.00	0.39	0.00
21	3	28	2	49.65	9.59	5.35	49.77	999.00	42.77	9.60	5.73	48.52	52.68	6.22	15.90	47.47	999.00	2.70	999.00	1.61	0.00
21	3	28	3	71.80	7.81	12.00	49.03	999.00	69.02	6.49	17.31	48.20	87.30	4.29	18.68	47.27	999.00	-0.77	999.00	-0.48	0.01
21	3	28	4	32.73	10.17	10.72	46.78	999.00	27.39	7.06	10.79	46.33	23.44	5.14	26.43	45.86	999.00	0.99	999.00	-0.21	0.04
21	3	28	5	56.48	9.23	7.69	47.69	999.00	60.42	8.82	10.66	46.16	98.80	5.43	8.15	44.74	999.00	3.62	999.00	2.73	0.00
21	3	28	6	130.30	7.36	12.45	47.33	999.00	146.30	7.53	13.44	46.70	183.90	3.73	13.01	45.30	999.00	1.72	999.00	0.41	0.04

21	3	28	7	134.30	10.52	2.03	48.11	999.00	131.70	13.76	7.10	46.87	143.00	6.51	13.38	45.93	999.00	2.73	999.00	1.29	0.00
21	3	28	8	157.70	14.60	7.00	49.37	999.00	151.30	12.98	7.42	47.62	161.40	6.47	14.81	46.87	999.00	2.23	999.00	-0.83	0.04
21	3	28	9	188.50	17.31	4.59	49.37	999.00	180.50	13.92	5.68	47.62	184.30	6.29	15.66	46.87	999.00	0.51	999.00	-0.89	0.03
21	3	28	10	276.70	25.73	5.55	48.04	999.00	264.80	23.92	6.93	48.22	263.30	15.79	9.41	48.70	999.00	-1.09	999.00	0.07	0.00
21	3	28	11	281.90	24.94	5.66	47.27	999.00	270.90	23.96	6.02	47.93	270.50	17.04	9.10	48.26	999.00	-0.91	999.00	-0.53	0.00
21	3	28	12	266.70	29.31	6.35	47.43	999.00	254.70	26.69	7.43	48.06	256.20	18.28	10.31	49.08	999.00	-2.59	999.00	-0.79	0.00
21	3	28	13	272.00	34.19	4.82	46.92	999.00	261.00	32.38	5.58	47.59	260.90	22.22	9.85	48.84	999.00	-0.94	999.00	-1.82	0.00
21	3	28	14	264.50	31.84	5.91	44.63	999.00	253.70	29.55	6.61	45.21	255.00	20.17	10.72	46.35	999.00	-2.23	999.00	-2.06	0.00
21	3	28	15	260.10	27.39	6.73	43.45	999.00	249.10	25.36	7.47	44.05	252.30	18.04	10.90	45.85	999.00	-2.25	999.00	-1.48	0.00
21	3	28	16	272.40	36.51	5.49	42.63	999.00	260.30	33.91	6.67	43.16	258.40	22.63	11.31	44.26	999.00	-1.74	999.00	-1.22	0.00
21	3	28	17	279.00	33.70	6.23	41.53	999.00	267.10	31.96	7.29	42.19	267.10	22.56	9.38	42.32	999.00	-0.63	999.00	-1.53	0.00
21	3	28	18	273.70	32.87	5.00	41.49	999.00	262.10	30.32	6.25	42.04	262.60	20.12	9.82	43.02	999.00	-1.70	999.00	-1.35	0.00
21	3	28	19	283.00	33.27	5.51	40.35	999.00	271.50	31.90	6.20	40.79	271.30	23.36	9.76	41.90	999.00	-1.66	999.00	-1.26	0.00
21	3	28	20	282.60	33.20	5.24	38.72	999.00	269.80	31.89	6.12	39.22	268.60	22.75	8.76	40.29	999.00	-1.53	999.00	-1.15	0.00
21	3	28	21	278.40	29.23	5.15	37.75	999.00	265.60	27.48	5.98	38.24	264.80	18.32	9.14	39.23	999.00	-1.45	999.00	-1.02	0.00
21	3	28	22	289.90	26.62	6.39	37.19	999.00	277.70	25.66	7.48	37.68	275.20	17.78	8.93	38.64	999.00	-1.41	999.00	-0.96	0.00
21	3	28	23	281.30	24.57	5.64	36.86	999.00	268.50	23.52	6.79	37.34	268.60	15.79	9.60	38.31	999.00	-1.47	999.00	-1.01	0.00
21	3	28	24	286.60	25.21	6.88	36.36	999.00	274.50	23.76	7.18	36.84	271.90	16.74	10.85	37.79	999.00	-1.37	999.00	-0.92	0.00
21	3	29	1	284.10	20.47	5.46	36.49	999.00	269.50	19.16	5.58	36.95	264.60	12.25	8.73	37.81	999.00	-1.29	999.00	-0.81	0.00
21	3	29	2	323.00	29.10	5.67	35.92	999.00	313.50	28.03	6.36	36.40	308.40	20.57	9.51	37.33	999.00	-1.52	999.00	-0.97	0.00
21	3	29	3	311.60	24.04	5.40	35.11	999.00	301.90	22.88	6.39	35.58	302.40	15.49	10.77	36.39	999.00	-1.22	999.00	-0.73	0.00
21	3	29	4	318.30	22.58	5.95	34.64	999.00	308.00	21.59	6.57	35.11	305.40	14.75	10.16	35.82	999.00	-1.27	999.00	-0.79	0.00
21	3	29	5	309.00	16.99	9.20	33.89	999.00	297.50	16.00	11.27	34.29	286.10	9.72	19.50	34.89	999.00	-0.69	999.00	-0.56	0.00
21	3	29	6	308.70	15.96	7.26	33.32	999.00	297.30	15.09	7.19	33.70	287.20	9.57	10.43	34.09	999.00	-0.76	999.00	-0.34	0.00
21	3	29	7	296.20	9.54	13.44	32.81	999.00	268.00	9.30	10.40	33.08	245.90	5.74	8.32	32.73	999.00	0.12	999.00	0.16	0.00
21	3	29	8	275.10	10.94	4.04	31.64	999.00	253.00	10.95	6.40	31.73	240.90	7.45	7.21	31.36	999.00	0.50	999.00	0.84	0.00
21	3	29	9	249.60	10.31	4.29	31.42	999.00	232.90	9.61	5.23	31.22	224.10	7.76	10.30	31.87	999.00	-1.81	999.00	-1.24	0.00
21	3	29	10	247.10	8.44	7.49	31.37	999.00	233.70	8.27	7.53	31.91	233.90	7.37	13.34	33.94	999.00	-2.93	999.00	-1.74	0.00
21	3	29	11	234.50	10.18	9.57	31.37	999.00	225.20	10.10	8.55	31.91	224.90	8.39	12.70	33.94	999.00	-3.41	999.00	-2.07	0.00
21	3	29	12	230.20	9.63	11.82	34.94	999.00	219.40	9.28	12.46	35.55	217.00	7.67	16.83	38.23	999.00	-3.35	999.00	-2.40	0.00
21	3	29	13	207.10	11.30	10.93	36.82	999.00	198.30	10.80	11.71	37.53	197.40	8.83	19.29	40.45	999.00	-3.66	999.00	-2.03	0.00
21	3	29	14	218.80	12.98	8.78	38.85	999.00	211.20	12.43	9.07	39.53	214.40	9.57	13.14	42.46	999.00	-3.61	999.00	-2.62	0.00
21	3	29	15	220.40	12.87	13.21	41.40	999.00	214.50	12.48	11.73	41.75	217.10	10.20	19.87	44.85	999.00	-3.45	999.00	-2.68	0.00
21	3	29	16	213.90	13.37	9.26	43.51	999.00	205.50	12.87	9.37	43.81	199.50	9.12	19.69	46.95	999.00	-3.38	999.00	-2.43	0.00
21	3	29	17	189.90	12.89	11.13	45.63	999.00	183.00	12.27	10.43	45.95	177.40	8.32	16.62	48.87	999.00	-3.21	999.00	-2.01	0.00
21	3	29	18	189.80	14.28	10.66	47.45	999.00	184.50	13.42	11.40	47.79	181.60	8.76	16.59	50.54	999.00	-2.85	999.00	-1.51	0.00
21	3	29	19	182.70	15.52	8.32	48.70	999.00	177.60	14.92	8.87	49.03	181.60	8.58	17.98	51.20	999.00	-2.24	999.00	-1.20	0.00
21	3	29	20	177.60	14.77	3.90	49.34	999.00	169.50	13.02	4.57	49.62	172.20	6.17	11.79	50.92	999.00	-1.00	999.00	-0.47	0.00
21	3	29	21	175.70	19.03	2.24	48.79	999.00	167.30	16.85	2.84	49.21	162.60	6.75	11.79	48.74	999.00	0.35	999.00	0.77	0.00
21	3	29	22	171.10	21.06	2.67	47.86	999.00	160.50	17.70	3.21	48.31	157.20	6.89	12.30	47.32	999.00	0.42	999.00	0.41	0.00
21	3	29	23	165.10	21.51	2.50	47.03	999.00	155.40	17.78	3.44	47.17	153.30	7.43	13.26	46.82	999.00	0.13	999.00	0.05	0.00
21	3	29	24	175.20	22.94	2.91	45.91	999.00	165.80	19.50	3.32	46.06	167.80	7.32	12.12	45.69	999.00	0.50	999.00	0.64	0.00
21	3	30	1	176.40	21.77	2.49	45.02	999.00	165.40	17.81	3.13	45.33	161.30	6.53	11.46	44.28	999.00	0.81	999.00	0.96	0.00
21	3	30	2	184.90	20.31	2.95	45.13	999.00	175.60	16.53	3.56	45.56	172.00	5.52	12.42	44.22	999.00	0.84	999.00	1.05	0.00
21	3	30	3	190.20	20.74	2.54	45.93	999.00	182.00	18.61	2.89	46.43	182.50	7.94	11.07	45.06	999.00	0.62	999.00	0.85	0.00
21	3	30	4	191.50	22.77	3.37	45.89	999.00	183.10	19.89	3.80	46.34	185.20	9.25	11.52	45.22	999.00	0.50	999.00	0.63	0.00

21	3	30	5	190.30	23.58	3.98	45.62	999.00	182.00	20.09	4.16	45.99	182.80	8.94	11.67	45.03	999.00	0.69	999.00	0.90	0.00
21	3	30	6	185.40	26.94	3.16	45.43	999.00	177.00	22.71	3.81	45.76	181.00	11.17	11.83	44.87	999.00	0.35	999.00	0.35	0.00
21	3	30	7	188.50	23.42	2.81	45.42	999.00	180.60	20.20	3.20	45.66	184.20	9.48	11.43	44.96	999.00	0.59	999.00	0.71	0.00
21	3	30	8	189.30	25.81	3.30	46.13	999.00	179.90	22.57	3.80	46.44	183.60	10.46	11.91	45.58	999.00	0.31	999.00	0.59	0.00
21	3	30	9	190.40	23.97	4.49	47.53	999.00	180.90	21.25	4.59	47.58	182.10	12.04	11.72	47.98	999.00	-0.87	999.00	-0.28	0.00
21	3	30	10	198.50	24.19	6.06	50.45	999.00	190.30	21.81	6.99	50.59	191.30	12.43	14.66	51.95	999.00	-1.79	999.00	-1.14	0.00
21	3	30	11	207.80	23.30	5.76	53.87	999.00	199.30	21.47	6.15	54.13	200.80	13.35	14.34	56.26	999.00	-2.64	999.00	-1.93	0.00
21	3	30	12	208.60	28.19	6.59	57.09	999.00	201.80	26.69	6.99	57.38	204.50	17.46	14.15	59.64	999.00	-2.57	999.00	-2.03	0.00
21	3	30	13	195.10	34.84	6.26	60.30	999.00	188.40	33.14	6.61	60.62	190.90	19.55	14.56	62.69	999.00	-2.30	999.00	-1.47	0.00
21	3	30	14	199.50	34.20	7.06	62.73	999.00	193.70	32.14	7.55	63.06	200.40	18.99	14.95	65.14	999.00	-2.66	999.00	-1.95	0.00
21	3	30	15	199.00	32.19	6.75	64.65	999.00	192.70	30.58	7.47	64.97	195.90	17.70	16.04	67.14	999.00	-2.44	999.00	-1.85	0.00
21	3	30	16	195.00	32.98	6.25	66.24	999.00	189.50	31.39	6.93	66.56	195.00	18.41	14.95	68.50	999.00	-2.29	999.00	-1.52	0.00
21	3	30	17	197.20	35.64	5.16	67.75	999.00	191.40	33.00	5.58	68.07	193.50	18.77	13.83	69.92	999.00	-2.11	999.00	-1.45	0.00
21	3	30	18	194.80	29.97	6.21	999.00	999.00	188.90	28.11	6.68	999.00	193.50	15.41	14.50	70.87	999.00	-1.64	999.00	-0.92	0.00
21	3	30	19	194.70	28.55	4.71	69.74	999.00	188.30	26.01	5.97	70.03	192.00	13.67	13.74	71.15	999.00	-1.31	999.00	-0.63	0.00
21	3	30	20	192.20	27.93	4.85	68.81	999.00	185.70	25.52	4.67	69.09	189.80	12.28	13.62	69.54	999.00	-0.45	999.00	-0.01	0.00
21	3	30	21	196.20	24.30	3.60	66.90	999.00	189.60	20.69	4.00	67.38	195.10	8.34	12.70	66.55	999.00	0.62	999.00	1.01	0.00
21	3	30	22	201.80	23.77	4.28	65.70	999.00	195.30	20.68	5.35	66.04	201.00	10.28	12.46	65.59	999.00	-0.13	999.00	0.12	0.00
21	3	30	23	203.50	23.43	3.32	65.70	999.00	194.90	20.24	4.49	66.04	194.90	8.78	13.51	65.59	999.00	0.28	999.00	0.54	0.00
21	3	30	24	215.30	21.14	6.64	64.03	999.00	208.90	18.58	7.91	64.32	214.10	9.58	11.75	63.76	999.00	0.23	999.00	1.05	0.00
21	3	31	1	260.40	21.52	6.27	60.58	999.00	250.00	18.90	7.12	61.02	250.60	11.41	10.55	60.68	999.00	-0.59	999.00	-0.55	0.00
21	3	31	2	239.80	19.46	4.09	57.10	999.00	230.90	17.90	3.92	57.37	232.30	11.94	7.49	57.99	999.00	-0.73	999.00	-0.36	0.00
21	3	31	3	218.10	20.23	4.13	55.56	999.00	209.80	18.03	4.89	55.84	211.30	10.32	10.83	56.47	999.00	-0.97	999.00	-0.71	0.00
21	3	31	4	218.70	22.97	5.13	54.49	999.00	210.80	20.32	5.82	54.75	215.70	13.34	9.19	55.36	999.00	-0.95	999.00	-0.72	0.00
21	3	31	5	312.40	25.17	5.33	46.29	999.00	304.70	23.39	5.94	47.11	303.70	15.25	9.59	47.81	999.00	-1.13	999.00	0.90	0.00
21	3	31	6	310.50	24.88	5.60	45.23	999.00	301.70	23.45	6.45	45.95	301.60	15.73	9.96	46.42	999.00	-0.74	999.00	0.06	0.01
21	3	31	7	300.50	23.28	8.58	44.48	999.00	291.30	21.91	9.70	45.04	292.50	14.61	12.90	45.25	999.00	-1.43	999.00	-0.80	0.00
21	3	31	8	282.70	15.33	4.32	43.08	999.00	271.60	14.73	5.28	43.36	267.70	9.05	9.27	44.24	999.00	-1.15	999.00	-0.55	0.00
21	3	31	9	274.50	13.49	4.03	42.65	999.00	263.60	12.20	5.32	42.90	262.00	7.03	9.83	43.74	999.00	-1.20	999.00	-0.53	0.00
21	3	31	10	290.80	16.78	6.82	42.84	999.00	281.10	16.34	7.88	43.14	274.20	12.30	11.64	44.79	999.00	-2.27	999.00	-2.24	0.00
21	3	31	11	309.30	18.15	5.26	42.84	999.00	302.10	17.73	5.86	43.14	300.50	13.39	11.64	44.79	999.00	-2.57	999.00	-2.42	0.00
21	3	31	12	301.80	13.71	17.87	42.62	999.00	293.80	13.17	18.56	42.90	297.40	10.47	19.26	45.18	999.00	-2.79	999.00	-2.56	0.00
21	3	31	13	269.60	16.21	17.24	44.00	999.00	261.20	15.60	17.83	44.33	266.40	12.15	21.23	46.94	999.00	-3.07	999.00	-2.57	0.00
21	3	31	14	283.30	16.84	8.78	44.46	999.00	274.60	16.35	8.74	44.76	274.90	12.90	10.77	47.41	999.00	-2.65	999.00	-2.55	0.00
21	3	31	15	270.10	19.20	10.86	45.31	999.00	261.30	18.48	12.21	45.64	263.20	13.55	16.45	48.26	999.00	-3.03	999.00	-2.68	0.00
21	3	31	16	275.10	18.15	13.02	45.90	999.00	266.30	17.72	14.19	46.23	265.40	13.40	16.52	48.89	999.00	-3.07	999.00	-2.56	0.00
21	3	31	17	296.30	21.23	6.62	46.09	999.00	287.80	20.78	8.37	46.41	288.60	15.40	13.00	48.66	999.00	-2.37	999.00	-2.13	0.00
21	3	31	18	279.10	22.01	7.35	45.92	999.00	268.40	21.61	7.59	46.24	267.30	15.98	10.04	48.03	999.00	-2.06	999.00	-1.59	0.00
21	3	31	19	283.10	19.46	7.64	45.46	999.00	272.80	18.73	8.09	45.77	272.40	14.04	10.19	47.15	999.00	-1.59	999.00	-1.25	0.00
21	3	31	20	286.30	20.96	5.01	44.25	999.00	275.70	20.19	5.47	44.54	274.30	13.88	8.23	45.62	999.00	-1.11	999.00	-0.77	0.00
21	3	31	21	293.90	28.93	6.07	42.19	999.00	282.40	27.33	6.91	42.47	279.60	19.02	10.26	43.30	999.00	-1.15	999.00	-0.84	0.00
21	3	31	22	306.90	25.28	6.04	39.16	999.00	296.80	24.08	7.03	39.44	294.00	14.89	12.04	40.22	999.00	-1.03	999.00	-0.66	0.00
21	3	31	23	309.70	23.08	8.00	37.08	999.00	300.20	22.46	8.51	37.36	297.60	13.76	12.42	38.03	999.00	-0.95	999.00	-0.71	0.00
21	3	31	24	313.90	25.03	6.57	37.08	999.00	303.10	24.08	7.79	37.36	301.10	16.08	11.49	38.03	999.00	-1.10	999.00	-0.86	0.00
21	4	1	1	318.00	25.04	6.78	35.46	999.00	308.30	23.78	8.02	35.75	305.00	16.67	10.65	36.80	999.00	-1.32	999.00	-1.03	0.00
21	4	1	2	314.40	23.47	5.92	34.89	999.00	303.60	22.37	6.55	35.18	300.00	15.30	10.99	36.23	999.00	-1.32	999.00	-1.04	0.00

21	4	1	3	342.30	22.88	6.46	33.60	999.00	332.60	22.15	7.48	33.86	333.10	15.46	11.72	35.02	999.00	-1.55	999.00	-1.33	0.00
21	4	1	4	339.20	21.48	5.72	32.69	999.00	328.60	20.72	6.08	32.96	327.10	15.26	9.35	34.22	999.00	-1.51	999.00	-1.22	0.00
21	4	1	5	332.30	21.75	6.13	31.87	999.00	322.80	21.08	5.98	32.14	320.40	15.22	10.25	33.41	999.00	-1.48	999.00	-1.21	0.00
21	4	1	6	338.60	23.56	6.38	31.21	999.00	328.30	22.87	6.41	31.49	326.40	16.94	10.26	32.79	999.00	-1.62	999.00	-1.36	0.00
21	4	1	7	336.60	25.17	4.63	30.00	999.00	326.30	24.00	5.17	30.28	323.60	17.47	9.70	31.54	999.00	-1.46	999.00	-1.13	0.00
21	4	1	8	340.00	22.90	6.30	28.60	999.00	330.20	22.13	6.12	28.89	329.10	15.99	11.01	30.08	999.00	-1.52	999.00	-1.21	0.00
21	4	1	9	337.20	25.12	5.65	27.92	999.00	327.60	24.50	6.66	28.19	326.40	18.30	9.45	29.68	999.00	-1.93	999.00	-1.53	0.00
21	4	1	10	342.30	22.79	6.62	27.54	999.00	331.60	22.01	7.34	27.81	330.10	17.88	10.71	29.66	999.00	-2.17	999.00	-1.75	0.00
21	4	1	11	322.10	25.32	6.85	27.26	999.00	312.80	24.58	6.86	27.54	309.70	19.40	9.59	29.15	999.00	-1.89	999.00	-1.73	0.00
21	4	1	12	333.30	20.78	8.13	27.04	999.00	323.50	20.29	8.50	27.32	324.30	15.49	14.20	29.30	999.00	-2.15	999.00	-1.84	0.00
21	4	1	13	321.90	19.51	12.27	27.13	999.00	310.70	19.33	14.28	27.43	306.20	14.66	15.97	29.63	999.00	-2.90	999.00	-2.63	0.00
21	4	1	14	344.00	20.80	6.90	27.97	999.00	335.60	20.23	8.03	28.22	335.70	16.66	9.01	30.67	999.00	-2.91	999.00	-1.92	0.00
21	4	1	15	332.30	18.67	8.82	29.13	999.00	321.50	18.48	9.47	29.41	317.80	15.27	14.34	31.71	999.00	-2.73	999.00	-2.22	0.00
21	4	1	16	326.60	20.74	12.33	29.13	999.00	316.20	20.21	13.61	29.41	315.50	15.44	18.68	31.71	999.00	-2.06	999.00	-1.79	0.00
21	4	1	17	326.30	22.98	6.44	29.86	999.00	316.10	22.47	7.43	30.15	313.70	16.48	11.39	31.97	999.00	-1.98	999.00	-1.96	0.00
21	4	1	18	326.20	18.28	8.28	30.39	999.00	315.90	17.88	8.83	30.68	313.30	13.96	12.56	32.51	999.00	-1.92	999.00	-1.78	0.00
21	4	1	19	338.90	22.97	5.81	31.32	999.00	329.40	22.15	6.84	31.61	328.70	16.34	9.86	33.37	999.00	-2.16	999.00	-1.71	0.00
21	4	1	20	349.60	20.83	8.11	31.98	999.00	340.30	20.15	9.15	32.25	338.10	15.57	12.42	33.82	999.00	-1.75	999.00	-1.42	0.00
21	4	1	21	348.80	20.68	6.60	32.01	999.00	339.00	20.25	7.23	32.28	336.00	15.27	8.79	33.53	999.00	-1.29	999.00	-1.16	0.00
21	4	1	22	354.40	23.95	7.04	31.91	999.00	345.20	23.15	7.34	32.20	341.70	17.06	10.29	33.32	999.00	-1.40	999.00	-1.23	0.00
21	4	1	23	359.30	19.21	4.92	31.82	999.00	350.60	18.58	5.17	32.10	346.10	14.99	7.89	33.26	999.00	-1.41	999.00	-1.32	0.00
21	4	1	24	2.41	20.19	4.87	31.86	999.00	354.20	19.68	5.44	32.14	353.60	15.32	8.94	33.22	999.00	-1.38	999.00	-1.29	0.00
21	4	2	1	12.66	15.60	12.64	31.51	999.00	2.06	14.60	12.54	31.77	359.70	12.42	15.22	32.93	999.00	-1.41	999.00	-1.38	0.00
21	4	2	2	13.37	15.03	13.45	30.41	999.00	3.20	13.94	13.50	30.68	358.80	10.88	12.52	31.86	999.00	-1.44	999.00	-1.36	0.00
21	4	2	3	3.05	15.25	8.07	30.17	999.00	354.40	14.86	7.60	30.43	350.60	11.29	9.42	31.55	999.00	-1.36	999.00	-1.29	0.00
21	4	2	4	351.80	16.52	4.89	30.51	999.00	342.50	16.07	5.73	30.79	339.10	11.75	8.22	31.76	999.00	-1.21	999.00	-1.14	0.00
21	4	2	5	351.00	16.15	5.82	30.57	999.00	340.80	15.71	6.99	30.85	337.70	11.49	8.70	31.79	999.00	-1.13	999.00	-1.04	0.00
21	4	2	6	347.40	16.47	5.32	30.41	999.00	338.50	15.68	6.49	30.68	333.20	11.46	9.70	31.60	999.00	-1.03	999.00	-0.86	0.00
21	4	2	7	340.00	14.43	7.30	29.94	999.00	330.90	14.00	7.83	30.24	324.10	9.22	9.28	30.80	999.00	-0.67	999.00	-0.56	0.00
21	4	2	8	349.00	12.72	4.85	29.65	999.00	337.80	12.45	5.68	29.91	332.80	9.61	7.95	30.81	999.00	-1.29	999.00	-0.98	0.00
21	4	2	9	349.10	13.01	5.19	29.60	999.00	340.00	12.74	6.89	29.83	338.50	10.52	10.23	31.61	999.00	-2.41	999.00	-1.59	0.00
21	4	2	10	347.80	12.11	6.34	29.55	999.00	338.60	11.85	8.00	29.74	338.20	10.41	11.25	32.08	999.00	-2.62	999.00	-1.86	0.00
21	4	2	11	333.40	11.49	10.59	29.78	999.00	324.20	11.55	12.29	29.92	321.50	9.84	18.13	32.66	999.00	-2.86	999.00	-2.22	0.00
21	4	2	12	318.80	11.14	9.45	30.15	999.00	308.30	11.00	9.37	30.39	307.70	8.97	14.62	32.86	999.00	-2.80	999.00	-2.61	0.00
21	4	2	13	329.10	10.65	9.75	31.24	999.00	321.20	10.39	9.94	31.42	327.90	8.88	16.78	34.08	999.00	-2.86	999.00	-1.88	0.00
21	4	2	14	343.80	8.09	11.63	32.30	999.00	338.00	7.96	13.58	32.47	342.20	6.98	18.07	35.56	999.00	-3.34	999.00	-1.17	0.00
21	4	2	15	9.30	6.25	23.35	34.33	999.00	10.73	5.39	20.51	34.54	14.23	5.62	18.04	37.71	999.00	-3.45	999.00	-0.73	0.00
21	4	2	16	22.90	6.14	18.05	36.20	999.00	22.88	5.79	15.85	36.51	29.93	6.16	18.47	39.44	999.00	-3.26	999.00	-1.27	0.00
21	4	2	17	63.95	4.46	22.33	37.56	999.00	54.95	4.88	19.16	37.88	59.42	4.89	22.03	40.46	999.00	-2.82	999.00	-1.80	0.00
21	4	2	18	23.97	4.41	20.68	38.86	999.00	27.14	4.49	14.79	39.24	43.07	5.04	15.47	41.56	999.00	-2.57	999.00	-0.65	0.00
21	4	2	19	115.80	5.95	12.46	39.21	999.00	105.60	6.42	10.35	39.47	118.90	5.46	15.19	41.53	999.00	-2.22	999.00	-1.76	0.00
21	4	2	20	157.20	7.51	7.88	38.84	999.00	146.30	6.81	9.25	39.10	143.40	3.92	18.01	40.76	999.00	-1.41	999.00	-0.85	0.00
21	4	2	21	167.70	7.48	3.35	39.19	999.00	153.80	8.49	2.58	39.56	160.80	4.20	8.02	39.54	999.00	0.30	999.00	0.61	0.00
21	4	2	22	168.60	11.62	3.36	38.88	999.00	158.70	11.39	2.23	39.82	167.70	3.38	8.01	38.10	999.00	0.92	999.00	1.57	0.00
21	4	2	23	170.20	15.56	1.32	37.96	999.00	160.70	13.12	1.76	38.76	167.10	3.95	9.95	37.11	999.00	0.85	999.00	1.01	0.00
21	4	2	24	184.20	16.16	3.77	37.08	999.00	164.80	14.25	1.48	37.35	165.40	5.14	10.66	35.91	999.00	1.33	999.00	1.08	0.00

21	4	3	1	212.30	12.56	3.15	36.78	999.00	189.70	12.93	5.53	36.98	167.00	4.51	10.67	34.38	999.00	2.62	999.00	4.56	0.00
21	4	3	2	229.70	16.29	2.63	36.48	999.00	209.30	13.16	4.05	38.09	183.90	3.99	8.69	33.28	999.00	4.44	999.00	4.52	0.00
21	4	3	3	223.20	18.04	1.39	39.67	999.00	207.70	15.26	1.19	37.31	184.10	3.91	10.55	32.31	999.00	7.63	999.00	5.82	0.00
21	4	3	4	219.80	19.13	1.63	39.80	999.00	203.40	16.26	1.09	37.40	189.50	4.25	9.98	32.00	999.00	7.78	999.00	4.73	0.00
21	4	3	5	219.20	20.07	0.99	39.77	999.00	202.30	15.96	1.70	36.34	180.60	4.20	10.54	31.87	999.00	7.99	999.00	4.39	0.00
21	4	3	6	220.80	23.01	1.11	38.74	999.00	201.40	16.90	1.66	34.61	181.90	6.13	9.64	31.23	999.00	7.94	999.00	3.87	0.00
21	4	3	7	210.70	24.11	1.96	38.52	999.00	189.30	18.92	2.64	34.80	181.10	6.70	10.41	31.04	999.00	6.42	999.00	2.21	0.00
21	4	3	8	200.80	25.03	2.28	35.77	999.00	999.00	19.56	3.27	33.50	181.00	8.28	11.52	31.97	999.00	2.49	999.00	0.80	0.00
21	4	3	9	195.90	21.39	3.86	35.10	999.00	184.00	17.72	4.49	34.33	182.50	9.35	12.64	34.18	999.00	-0.31	999.00	-0.54	0.00
21	4	3	10	202.70	21.61	5.16	36.41	999.00	192.40	19.27	5.80	36.54	191.60	10.74	14.11	37.67	999.00	-1.92	999.00	-1.31	0.00
21	4	3	11	206.50	23.83	4.64	40.52	999.00	197.00	22.30	5.02	41.01	199.00	13.55	12.84	42.80	999.00	-2.32	999.00	-1.85	0.00
21	4	3	12	210.70	26.97	6.56	43.25	999.00	202.40	26.11	6.73	43.80	203.30	16.25	13.99	46.30	999.00	-3.01	999.00	-2.27	0.00
21	4	3	13	207.50	26.47	8.33	47.13	999.00	198.00	24.84	8.50	47.73	202.50	15.19	14.68	50.38	999.00	-3.37	999.00	-2.58	0.00
21	4	3	14	203.50	28.20	8.64	50.00	999.00	195.60	26.80	8.77	50.62	200.60	16.83	14.89	53.26	999.00	-3.18	999.00	-2.21	0.00
21	4	3	15	210.40	27.06	8.36	50.00	999.00	203.10	25.17	8.75	50.62	208.70	16.83	13.42	53.26	999.00	-3.09	999.00	-2.42	0.00
21	4	3	16	214.20	29.36	6.97	56.04	999.00	206.10	27.87	7.50	56.64	207.70	18.30	13.59	59.25	999.00	-2.84	999.00	-1.99	0.00
21	4	3	17	219.40	25.91	7.44	57.90	999.00	211.40	24.78	7.07	58.45	215.60	17.02	10.99	60.76	999.00	-2.85	999.00	-2.01	0.00
21	4	3	18	219.20	30.27	5.07	59.61	999.00	212.30	28.36	5.29	60.12	215.80	19.88	10.52	61.82	999.00	-2.03	999.00	-1.28	0.00
21	4	3	19	222.80	29.68	4.68	60.51	999.00	216.00	27.86	4.87	60.99	218.60	19.34	8.88	62.16	999.00	-1.41	999.00	-0.79	0.00
21	4	3	20	230.60	24.93	4.24	60.57	999.00	222.10	22.85	3.88	60.96	223.00	14.68	8.03	61.22	999.00	-0.25	999.00	0.19	0.00
21	4	3	21	225.80	23.56	2.25	59.59	999.00	216.20	20.85	2.40	59.68	213.80	9.94	8.99	58.89	999.00	1.20	999.00	1.25	0.00
21	4	3	22	225.00	24.32	2.16	58.50	999.00	214.50	20.87	2.57	58.17	212.30	9.23	9.36	56.66	999.00	1.94	999.00	1.57	0.00
21	4	3	23	226.80	22.94	2.28	56.90	999.00	214.20	19.36	2.66	56.41	202.80	7.14	10.45	54.41	999.00	3.15	999.00	2.45	0.00
21	4	3	24	236.40	21.63	2.18	55.26	999.00	225.10	18.04	3.38	54.58	217.80	6.93	7.76	52.09	999.00	3.26	999.00	2.31	0.00
21	4	4	1	248.40	22.03	2.65	53.68	999.00	238.10	18.52	2.77	53.39	236.50	9.06	7.66	51.35	999.00	1.69	999.00	1.13	0.00
21	4	4	2	251.50	21.62	2.40	52.81	999.00	239.20	17.41	2.90	52.30	229.70	8.04	5.46	50.78	999.00	2.81	999.00	1.94	0.00
21	4	4	3	260.60	21.74	1.62	51.97	999.00	246.40	16.99	2.55	50.87	241.50	6.32	6.88	48.82	999.00	3.24	999.00	1.88	0.00
21	4	4	4	278.00	20.54	2.81	52.63	999.00	259.60	16.41	3.29	50.14	245.00	6.18	5.99	47.61	999.00	5.64	999.00	2.73	0.00
21	4	4	5	309.40	16.77	2.24	52.27	999.00	290.20	13.83	3.12	50.43	254.80	3.06	6.81	46.19	999.00	6.67	999.00	5.09	0.00
21	4	4	6	320.20	13.34	3.13	50.94	999.00	291.30	9.34	5.08	49.33	161.40	2.53	16.24	44.18	999.00	6.65	999.00	4.28	0.00
21	4	4	7	348.80	8.11	5.87	50.38	999.00	327.60	7.49	9.21	48.64	240.60	4.71	13.65	44.60	999.00	5.94	999.00	6.91	0.00
21	4	4	8	339.40	6.31	1.54	50.18	999.00	310.50	7.24	3.40	49.70	217.60	3.92	4.96	41.85	999.00	999.00	999.00	7.97	0.00
21	4	4	9	337.60	5.62	8.97	50.68	999.00	310.50	7.67	5.02	49.85	249.20	3.53	16.02	43.31	999.00	5.61	999.00	4.33	0.00
21	4	4	10	355.30	6.82	9.84	50.93	999.00	337.40	7.42	8.84	50.30	334.30	7.28	7.45	49.31	999.00	-1.28	999.00	-0.81	0.00
21	4	4	11	16.65	5.48	11.07	50.48	999.00	2.62	5.38	11.21	50.46	349.20	5.99	7.68	52.36	999.00	-2.46	999.00	-0.23	0.00
21	4	4	12	32.90	6.43	6.08	51.01	999.00	21.52	5.95	7.39	50.98	13.05	6.61	15.53	53.15	999.00	-2.09	999.00	0.43	0.00
21	4	4	13	53.66	6.42	8.55	51.15	999.00	36.79	5.91	7.23	51.69	32.66	6.85	12.79	53.90	999.00	-3.18	999.00	-0.67	0.00
21	4	4	14	76.80	7.80	8.03	51.01	999.00	58.69	7.67	8.86	51.54	41.65	8.00	9.18	53.88	999.00	-3.16	999.00	-1.74	0.00
21	4	4	15	83.50	8.88	3.15	51.45	999.00	73.60	8.98	6.51	51.83	71.20	7.68	11.36	53.82	999.00	-1.79	999.00	-1.34	0.00
21	4	4	16	86.00	5.56	11.63	53.29	999.00	80.40	6.05	17.12	53.66	94.10	5.01	26.08	55.42	999.00	-2.99	999.00	-1.84	0.00
21	4	4	17	99.50	7.92	6.01	54.57	999.00	91.30	7.75	9.12	55.28	85.80	6.56	16.62	57.58	999.00	-2.93	999.00	-1.74	0.00
21	4	4	18	94.60	10.59	1.94	54.96	999.00	84.80	12.14	4.86	55.14	87.50	7.44	13.06	57.08	999.00	-1.37	999.00	-1.51	0.00
21	4	4	19	103.20	11.15	1.34	55.98	999.00	92.80	12.17	3.11	56.04	103.70	5.89	15.83	57.11	999.00	-1.10	999.00	-0.32	0.00
21	4	4	20	112.20	13.52	1.84	56.17	999.00	103.40	12.59	1.94	56.34	107.10	6.30	10.45	56.35	999.00	-0.11	999.00	0.20	0.00
21	4	4	21	108.20	19.34	1.10	55.75	999.00	107.10	18.36	1.74	55.06	109.10	7.01	12.58	54.26	999.00	2.99	999.00	1.85	0.00
21	4	4	22	116.40	18.87	2.19	56.63	999.00	113.00	18.91	2.97	56.24	113.50	4.99	11.12	52.78	999.00	4.30	999.00	3.83	0.00

21	4	4	23	118.20	18.99	0.36	56.96	999.00	116.00	17.63	1.11	55.72	119.00	5.01	7.49	52.44	999.00	4.63	999.00	3.20	0.00
21	4	4	24	122.40	20.57	1.84	56.70	999.00	116.30	16.94	2.36	55.33	122.20	4.12	10.01	51.99	999.00	4.61	999.00	2.58	0.00
21	4	5	1	138.50	18.70	1.52	54.98	999.00	134.80	15.05	2.57	53.81	142.70	4.53	10.55	51.88	999.00	2.76	999.00	1.41	0.00
21	4	5	2	139.50	19.35	1.17	54.43	999.00	137.50	15.02	2.68	52.87	140.60	3.87	10.88	51.20	999.00	3.75	999.00	1.68	0.00
21	4	5	3	142.10	17.10	3.55	54.16	999.00	136.20	12.13	4.47	52.25	140.90	3.77	12.49	50.89	999.00	1.73	999.00	0.59	0.00
21	4	5	4	142.50	20.68	2.43	53.11	999.00	137.70	15.02	4.49	51.88	138.30	4.90	12.08	51.03	999.00	2.47	999.00	1.08	0.00
21	4	5	5	137.80	17.38	2.02	53.65	999.00	129.00	13.16	3.40	52.17	136.40	4.33	10.27	51.11	999.00	2.37	999.00	1.02	0.00
21	4	5	6	142.30	23.60	2.21	54.66	999.00	136.20	18.00	3.03	52.93	137.20	5.37	10.80	49.73	999.00	4.58	999.00	2.18	0.00
21	4	5	7	149.80	17.32	1.54	51.45	999.00	140.50	13.63	2.88	50.94	142.40	4.81	11.23	50.29	999.00	0.80	999.00	0.38	0.00
21	4	5	8	164.70	16.25	1.85	49.40	999.00	149.50	13.21	2.10	48.90	136.50	4.79	10.75	48.33	999.00	1.17	999.00	0.53	0.00
21	4	5	9	167.60	15.47	4.47	49.19	999.00	156.10	12.05	6.35	48.43	153.00	5.12	15.84	48.84	999.00	-0.96	999.00	-0.77	0.00
21	4	5	10	163.40	14.49	5.68	50.95	999.00	154.00	13.21	7.08	51.13	154.10	7.69	15.06	52.73	999.00	-2.47	999.00	-1.26	0.00
21	4	5	11	186.20	14.18	5.23	55.03	999.00	179.50	13.48	5.75	55.52	183.10	9.34	13.98	57.57	999.00	-2.31	999.00	-1.01	0.00
21	4	5	12	192.90	11.66	6.49	57.88	999.00	186.20	11.36	7.65	58.38	188.30	7.99	16.04	60.09	999.00	-2.52	999.00	-1.24	0.00
21	4	5	13	279.70	17.64	49.63	60.48	999.00	274.00	17.03	50.77	60.95	277.10	12.95	47.55	62.63	999.00	-2.26	999.00	-1.05	0.00
21	4	5	14	245.90	2.93	79.00	52.26	999.00	56.42	2.88	54.53	51.36	98.20	3.60	27.88	49.78	999.00	4.30	999.00	3.06	0.01
21	4	5	15	110.60	7.55	8.58	53.41	999.00	84.40	9.96	4.96	51.63	86.90	5.36	15.59	50.37	999.00	2.76	999.00	0.00	0.00
21	4	5	16	115.80	12.42	2.20	53.41	999.00	99.50	13.18	4.13	51.63	97.10	7.01	15.69	50.37	999.00	2.12	999.00	0.34	0.00
21	4	5	17	107.00	7.03	29.21	55.20	999.00	85.20	9.57	17.42	53.62	88.50	7.28	26.22	51.43	999.00	5.60	999.00	6.32	0.01
21	4	5	18	112.20	24.12	2.85	50.93	999.00	103.40	20.55	4.69	49.94	105.20	11.15	12.78	47.62	999.00	-0.17	999.00	-0.80	0.00
21	4	5	19	103.90	18.10	6.11	50.93	999.00	91.90	14.56	8.81	49.94	83.30	7.59	14.99	47.62	999.00	0.30	999.00	-0.28	0.00
21	4	5	20	112.00	15.80	2.03	51.97	999.00	95.00	15.19	3.60	49.92	84.40	8.14	10.78	48.59	999.00	5.95	999.00	3.24	0.00
21	4	5	21	145.40	14.11	3.45	56.26	999.00	124.10	16.31	3.36	53.72	112.00	6.91	9.52	48.70	999.00	7.99	999.00	7.24	0.00
21	4	5	22	154.10	13.71	2.62	999.00	999.00	131.50	14.35	3.43	56.90	119.30	3.28	12.03	49.57	999.00	999.00	999.00	5.70	0.00
21	4	5	23	154.00	11.01	2.53	56.25	999.00	118.30	10.26	3.92	54.80	81.30	3.38	16.55	48.87	999.00	7.99	999.00	6.77	0.00
21	4	5	24	174.80	12.01	2.58	55.52	999.00	141.40	10.29	3.17	55.34	91.80	3.45	12.66	48.25	999.00	999.00	999.00	7.45	0.00
21	4	6	1	183.30	11.24	2.82	999.00	999.00	146.80	9.87	5.55	56.19	102.00	2.94	10.36	48.78	999.00	999.00	999.00	7.53	0.00
21	4	6	2	205.00	13.74	3.79	999.00	999.00	179.80	9.76	5.17	56.59	116.70	1.78	17.79	48.66	999.00	999.00	999.00	7.96	0.00
21	4	6	3	205.50	15.40	2.91	999.00	999.00	188.80	11.20	1.94	56.16	112.20	3.03	5.06	48.21	999.00	999.00	999.00	7.97	0.00
21	4	6	4	209.70	16.77	2.48	999.00	999.00	192.30	10.94	1.71	56.03	87.00	2.36	23.90	48.46	999.00	999.00	999.00	6.93	0.00
21	4	6	5	225.10	12.37	2.66	999.00	999.00	208.20	12.81	2.40	56.65	214.60	2.19	38.63	48.74	999.00	999.00	999.00	7.97	0.00
21	4	6	6	230.00	11.83	1.06	999.00	999.00	214.70	9.33	1.55	999.00	242.20	1.52	29.36	47.40	999.00	999.00	999.00	7.97	0.00
21	4	6	7	239.40	6.76	3.47	999.00	999.00	245.10	2.71	18.08	53.48	40.57	1.59	36.23	46.68	999.00	999.00	999.00	5.86	0.00
21	4	6	8	226.80	8.21	1.44	55.42	999.00	191.00	4.98	2.90	54.09	127.70	2.86	7.94	47.42	999.00	7.99	999.00	7.15	0.00
21	4	6	9	227.70	12.74	2.24	57.32	999.00	204.50	10.73	1.53	55.02	168.10	2.45	16.80	48.75	999.00	7.33	999.00	5.98	0.00
21	4	6	10	215.90	14.04	3.63	58.32	999.00	197.60	10.59	4.01	56.37	182.10	4.43	12.50	54.25	999.00	1.81	999.00	-0.08	0.00
21	4	6	11	215.10	8.95	6.83	58.32	999.00	207.00	8.21	6.82	56.37	203.20	6.32	13.79	54.25	999.00	-2.75	999.00	-1.67	0.00
21	4	6	12	214.50	8.95	6.75	63.87	999.00	211.30	8.54	7.61	64.42	212.50	6.77	16.08	67.01	999.00	-3.33	999.00	-2.06	0.00
21	4	6	13	202.70	11.95	12.44	68.11	999.00	196.40	11.43	11.67	68.67	195.10	7.92	19.51	71.45	999.00	-3.44	999.00	-2.03	0.00
21	4	6	14	187.50	15.11	9.65	70.73	999.00	183.90	14.48	9.96	71.30	185.60	10.45	15.87	74.30	999.00	-3.60	999.00	-1.80	0.00
21	4	6	15	198.80	16.72	11.04	72.75	999.00	195.10	15.62	11.54	73.34	203.90	9.83	18.79	76.20	999.00	-3.64	999.00	-2.24	0.00
21	4	6	16	211.40	15.76	12.39	74.10	999.00	206.90	14.73	11.21	74.66	210.50	10.89	20.19	77.30	999.00	-3.22	999.00	-2.14	0.00
21	4	6	17	229.20	16.80	10.42	75.09	999.00	223.60	15.85	9.35	75.61	227.50	11.39	12.90	78.07	999.00	-2.58	999.00	-1.77	0.00
21	4	6	18	237.10	18.28	8.47	75.60	999.00	230.80	17.71	8.61	76.10	231.30	11.93	10.22	77.57	999.00	-1.38	999.00	-0.70	0.00
21	4	6	19	241.20	19.64	6.52	75.81	999.00	235.20	18.51	6.71	76.27	238.30	11.52	9.98	77.50	999.00	-1.55	999.00	-0.33	0.00
21	4	6	20	230.90	16.53	3.14	75.46	999.00	225.60	14.83	3.09	75.84	224.90	7.99	5.29	75.00	999.00	1.04	999.00	1.70	0.00

21	4	6	21	224.40	13.31	1.45	74.55	999.00	217.60	11.86	1.48	74.58	201.20	3.23	8.69	72.15	999.00	3.26	999.00	2.92	0.00
21	4	6	22	218.30	14.74	2.44	73.63	999.00	205.80	12.26	3.35	73.42	166.80	3.93	6.22	70.15	999.00	3.87	999.00	3.42	0.00
21	4	6	23	217.30	20.14	1.40	72.27	999.00	205.60	16.54	2.32	71.56	200.50	4.07	13.45	67.91	999.00	5.36	999.00	4.20	0.00
21	4	6	24	219.30	19.24	1.97	72.27	999.00	206.60	14.93	2.02	71.56	197.40	3.49	10.45	67.91	999.00	5.37	999.00	3.38	0.00
21	4	7	1	223.60	20.73	2.67	70.15	999.00	209.30	16.03	2.07	67.98	196.70	3.95	9.20	64.31	999.00	6.72	999.00	3.99	0.00
21	4	7	2	221.70	21.46	1.85	69.10	999.00	207.60	16.80	2.43	66.82	201.40	4.39	9.44	63.14	999.00	5.03	999.00	2.84	0.00
21	4	7	3	226.50	20.22	1.60	67.12	999.00	212.40	16.45	2.29	65.30	197.40	6.07	8.30	62.54	999.00	4.27	999.00	2.56	0.00
21	4	7	4	237.90	21.84	3.04	66.19	999.00	222.70	16.69	1.82	64.42	204.40	5.18	8.64	61.15	999.00	6.06	999.00	3.84	0.00
21	4	7	5	239.90	20.93	1.82	66.51	999.00	224.40	15.84	1.62	64.07	202.50	4.52	8.04	59.99	999.00	5.95	999.00	3.64	0.00
21	4	7	6	242.30	21.45	2.55	66.51	999.00	225.50	16.22	1.79	64.07	205.10	5.57	7.63	59.99	999.00	6.26	999.00	4.23	0.00
21	4	7	7	244.10	19.65	3.54	64.49	999.00	228.30	15.21	2.25	62.81	206.20	4.49	7.72	58.63	999.00	6.06	999.00	4.47	0.00
21	4	7	8	245.30	18.87	3.58	65.89	999.00	227.00	15.73	1.61	63.38	206.00	5.34	7.39	59.05	999.00	6.26	999.00	4.25	0.00
21	4	7	9	234.80	16.13	2.12	65.20	999.00	218.10	12.51	1.98	62.96	185.60	4.68	10.42	60.43	999.00	3.25	999.00	1.39	0.00
21	4	7	10	232.70	13.01	3.59	63.89	999.00	221.10	10.48	3.99	63.03	211.30	5.58	10.93	63.49	999.00	-0.53	999.00	-0.56	0.00
21	4	7	11	227.50	9.19	5.42	65.06	999.00	217.70	8.06	6.47	64.84	212.70	6.05	12.84	66.26	999.00	-2.80	999.00	-1.72	0.00
21	4	7	12	239.10	5.93	7.11	69.03	999.00	231.70	5.66	7.31	69.52	223.50	5.01	16.05	71.99	999.00	-3.15	999.00	-1.81	0.00
21	4	7	13	68.72	4.80	7.54	73.25	999.00	62.49	6.28	7.84	73.69	70.80	6.04	13.84	75.35	999.00	0.72	999.00	1.16	0.00
21	4	7	14	81.50	11.41	5.14	72.80	999.00	70.50	12.05	3.36	72.52	70.90	8.35	10.96	72.78	999.00	0.36	999.00	1.14	0.00
21	4	7	15	75.00	12.20	3.61	73.48	999.00	59.29	11.63	5.48	73.11	51.55	7.41	16.07	72.97	999.00	-0.31	999.00	-0.26	0.00
21	4	7	16	77.40	14.60	2.36	71.67	999.00	68.46	12.70	6.73	69.70	57.76	6.91	17.41	69.64	999.00	3.49	999.00	2.06	0.00
21	4	7	17	85.80	19.66	1.14	71.19	999.00	72.70	20.07	1.54	69.26	74.20	9.27	13.29	66.98	999.00	5.02	999.00	2.73	0.00
21	4	7	18	95.20	20.09	2.01	68.56	999.00	86.20	16.16	4.01	65.43	83.60	7.17	13.58	63.46	999.00	5.64	999.00	3.85	0.00
21	4	7	19	111.00	22.38	1.62	65.79	999.00	97.10	19.90	3.48	62.51	88.30	7.43	15.65	58.90	999.00	5.90	999.00	1.94	0.00
21	4	7	20	113.60	22.61	1.73	64.81	999.00	102.50	17.28	2.89	60.39	91.50	7.62	13.15	58.61	999.00	6.67	999.00	3.88	0.00
21	4	7	21	110.60	28.56	1.30	65.01	999.00	101.20	21.47	1.80	62.88	84.80	8.54	10.59	56.81	999.00	999.00	999.00	7.33	0.00
21	4	7	22	114.20	29.23	1.06	999.00	999.00	102.20	22.13	1.30	64.11	82.00	8.41	8.84	56.24	999.00	999.00	999.00	7.97	0.00
21	4	7	23	115.80	28.92	0.57	999.00	999.00	106.50	21.76	0.77	999.00	93.50	5.31	12.32	56.83	999.00	999.00	999.00	7.97	0.00
21	4	7	24	124.50	23.46	2.28	999.00	999.00	117.10	20.52	1.18	999.00	91.40	4.26	10.37	56.83	999.00	999.00	999.00	7.97	0.00
21	4	8	1	145.30	18.72	4.07	999.00	999.00	128.30	14.32	5.41	999.00	95.80	4.33	9.15	57.23	999.00	999.00	999.00	7.97	0.00
21	4	8	2	149.90	19.58	3.65	999.00	999.00	130.40	18.74	1.82	999.00	90.20	4.93	7.81	56.61	999.00	999.00	999.00	7.97	0.00
21	4	8	3	144.60	22.93	2.77	999.00	999.00	127.70	20.53	1.96	999.00	103.90	5.38	8.90	57.90	999.00	999.00	999.00	7.95	0.00
21	4	8	4	142.70	28.32	1.97	999.00	999.00	133.70	20.97	2.93	67.30	112.90	6.10	9.25	59.29	999.00	999.00	999.00	6.84	0.00
21	4	8	5	139.10	21.94	1.28	999.00	999.00	126.60	17.51	1.72	67.30	94.00	3.91	11.18	59.29	999.00	999.00	999.00	7.59	0.00
21	4	8	6	142.00	26.28	1.98	65.98	999.00	133.20	20.22	3.42	65.15	116.40	5.51	9.74	58.33	999.00	7.09	999.00	5.30	0.00
21	4	8	7	148.10	23.49	2.55	67.15	999.00	140.10	18.96	4.00	65.61	140.60	7.29	11.67	63.05	999.00	2.15	999.00	1.03	0.00
21	4	8	8	152.30	23.13	3.07	67.15	999.00	143.70	18.26	4.33	65.61	144.20	6.81	13.24	63.05	999.00	2.12	999.00	1.05	0.00
21	4	8	9	146.80	19.97	5.26	65.32	999.00	139.20	16.78	7.20	64.78	138.40	8.16	12.98	64.89	999.00	-0.89	999.00	-0.47	0.00
21	4	8	10	157.60	17.52	6.36	66.37	999.00	150.40	16.19	6.04	66.59	149.70	8.31	14.99	67.90	999.00	-2.00	999.00	-0.90	0.00
21	4	8	11	153.20	13.10	6.73	69.46	999.00	146.00	12.92	6.34	69.92	141.00	8.29	13.88	71.73	999.00	-2.57	999.00	-1.26	0.00
21	4	8	12	179.40	16.25	7.34	72.72	999.00	175.00	15.77	7.76	73.23	177.60	9.81	17.69	75.38	999.00	-2.64	999.00	-1.15	0.00
21	4	8	13	172.00	16.05	8.27	73.83	999.00	167.20	14.84	8.88	74.36	173.60	8.74	17.24	76.30	999.00	-2.37	999.00	-1.10	0.00
21	4	8	14	148.50	14.73	9.91	74.07	999.00	142.90	14.45	11.82	74.60	141.50	8.95	17.54	76.60	999.00	-2.86	999.00	-1.42	0.00
21	4	8	15	151.70	21.24	5.88	74.07	999.00	145.10	20.49	6.25	74.60	143.50	11.75	13.92	76.60	999.00	-1.64	999.00	-0.86	0.01
21	4	8	16	128.00	24.31	6.07	71.18	999.00	119.70	23.97	6.94	69.58	116.30	11.82	12.45	66.77	999.00	6.52	999.00	4.64	0.23
21	4	8	17	206.00	21.76	7.21	63.49	999.00	199.10	20.65	7.18	63.73	203.40	11.88	13.79	62.32	999.00	-1.16	999.00	0.26	0.02
21	4	8	18	185.20	23.35	5.05	61.63	999.00	179.30	21.89	5.49	62.54	183.50	12.21	12.81	62.10	999.00	-0.59	999.00	0.23	0.01

21	4	8	19	185.00	22.33	5.64	61.35	999.00	180.30	19.11	6.89	61.43	185.50	9.58	14.55	60.71	999.00	1.34	999.00	-1.13	0.00
21	4	8	20	162.90	17.65	4.62	62.75	999.00	155.80	15.15	5.13	62.74	151.30	6.30	15.31	61.79	999.00	0.23	999.00	-1.23	0.00
21	4	8	21	153.60	22.27	4.38	62.55	999.00	143.60	18.95	5.74	62.54	136.80	7.98	12.69	61.14	999.00	1.76	999.00	-0.76	0.00
21	4	8	22	162.50	17.92	3.38	63.21	999.00	155.70	15.04	4.34	63.27	156.70	6.02	12.27	61.96	999.00	1.63	999.00	-0.77	0.00
21	4	8	23	159.30	16.97	3.66	62.54	999.00	150.50	14.17	4.61	62.69	136.80	6.62	12.32	62.00	999.00	-0.12	999.00	-0.87	0.00
21	4	8	24	167.70	19.41	4.88	62.00	999.00	160.70	16.87	5.64	62.24	160.00	7.54	13.33	62.46	999.00	-0.60	999.00	-1.12	0.00
21	4	9	1	184.30	20.40	11.89	60.86	999.00	177.50	18.23	11.49	61.13	178.90	10.15	19.42	60.77	999.00	-0.22	999.00	-1.40	0.01
21	4	9	2	224.90	7.54	5.58	56.83	999.00	215.00	6.19	6.32	58.13	192.90	2.71	11.96	58.29	999.00	-1.91	999.00	-1.59	0.00
21	4	9	3	187.30	7.12	7.91	56.72	999.00	172.90	6.81	6.77	58.02	145.20	2.79	12.43	57.62	999.00	-0.32	999.00	-0.80	0.00
21	4	9	4	184.40	12.45	4.40	56.97	999.00	174.00	10.74	3.72	57.73	156.90	3.95	12.07	57.41	999.00	-0.18	999.00	-0.62	0.00
21	4	9	5	180.70	15.47	2.68	56.99	999.00	168.70	12.72	3.10	57.31	156.20	4.34	14.09	56.68	999.00	0.70	999.00	-0.43	0.00
21	4	9	6	180.80	13.83	5.24	56.62	999.00	168.80	11.73	5.22	56.97	160.90	4.08	17.39	56.35	999.00	0.00	999.00	-0.61	0.00
21	4	9	7	193.10	13.39	2.28	56.47	999.00	182.10	10.93	2.92	56.77	168.20	3.72	16.75	56.37	999.00	0.21	999.00	-0.39	0.00
21	4	9	8	183.40	15.96	2.89	56.43	999.00	172.50	13.80	3.28	56.66	166.30	4.85	13.34	56.21	999.00	-0.10	999.00	-0.38	0.00
21	4	9	9	188.20	15.19	4.23	56.43	999.00	181.10	13.56	4.59	56.96	179.50	7.85	12.06	57.50	999.00	-1.34	999.00	-1.01	0.00
21	4	9	10	173.50	14.51	6.72	56.43	999.00	168.20	13.21	6.94	56.96	174.30	8.68	14.12	57.50	999.00	-1.05	999.00	-2.32	0.00
21	4	9	11	161.00	16.89	5.56	59.99	999.00	157.10	15.97	6.60	60.33	158.00	8.66	14.93	62.16	999.00	-2.82	999.00	-0.68	0.00
21	4	9	12	178.30	23.79	6.64	63.08	999.00	172.50	22.24	7.35	63.62	179.10	14.78	15.65	65.83	999.00	-2.72	999.00	-1.59	0.00
21	4	9	13	176.50	23.68	5.54	65.22	999.00	171.90	22.06	6.05	65.80	176.10	14.19	12.42	68.11	999.00	-3.14	999.00	-1.50	0.00
21	4	9	14	169.20	25.82	5.90	67.07	999.00	162.90	24.56	6.31	67.63	164.10	13.68	15.22	69.99	999.00	-2.66	999.00	-1.40	0.00
21	4	9	15	175.30	26.98	7.09	68.93	999.00	170.10	24.76	7.56	69.47	173.80	13.87	14.39	71.45	999.00	-2.64	999.00	-1.57	0.00
21	4	9	16	176.80	34.32	5.63	69.67	999.00	171.30	31.91	6.37	70.23	175.10	18.55	14.24	72.15	999.00	-2.49	999.00	-1.56	0.00
21	4	9	17	176.90	26.52	8.10	70.31	999.00	171.40	24.90	8.59	70.83	175.10	13.47	16.23	72.63	999.00	-1.95	999.00	-1.13	0.00
21	4	9	18	172.50	25.74	5.74	72.67	999.00	167.30	23.16	6.54	73.14	170.90	12.83	15.40	74.57	999.00	-1.97	999.00	-0.98	0.00
21	4	9	19	196.40	28.81	6.47	73.60	999.00	191.10	26.33	7.33	74.07	195.30	14.40	14.95	75.30	999.00	-1.75	999.00	-0.83	0.00
21	4	9	20	173.40	28.74	4.63	70.55	999.00	167.70	26.27	5.12	70.99	172.10	14.28	13.31	71.92	999.00	-1.06	999.00	-0.57	0.00
21	4	9	21	173.90	26.11	3.88	66.69	999.00	167.40	23.06	4.54	66.95	169.40	10.15	14.32	67.10	999.00	0.09	999.00	0.20	0.00
21	4	9	22	168.40	22.50	3.82	65.42	999.00	160.70	19.73	4.59	65.56	163.10	7.97	13.94	65.04	999.00	0.39	999.00	0.34	0.00
21	4	9	23	174.90	26.14	3.65	65.03	999.00	166.50	23.32	3.88	65.04	166.10	9.76	14.24	64.68	999.00	0.48	999.00	0.47	0.00
21	4	9	24	199.70	23.96	6.81	65.48	999.00	192.60	21.51	7.99	65.56	193.20	10.43	15.34	65.40	999.00	-0.12	999.00	0.04	0.00
21	4	10	1	194.10	21.61	3.59	63.71	999.00	187.60	18.47	3.89	63.70	190.40	7.69	13.57	63.09	999.00	0.56	999.00	0.42	0.00
21	4	10	2	195.50	17.77	2.38	62.50	999.00	187.70	14.29	3.14	62.33	188.70	4.90	12.75	61.46	999.00	1.29	999.00	0.96	0.00
21	4	10	3	193.00	15.05	1.76	62.19	999.00	189.30	12.12	3.96	61.87	194.10	3.87	11.26	60.28	999.00	2.37	999.00	1.90	0.00
21	4	10	4	216.00	12.80	3.38	62.19	999.00	218.10	11.63	2.97	61.87	237.60	3.37	9.99	60.28	999.00	3.08	999.00	2.70	0.00
21	4	10	5	194.10	9.05	8.70	61.10	999.00	196.50	8.03	8.62	61.14	182.90	2.06	32.82	58.50	999.00	2.59	999.00	2.15	0.00
21	4	10	6	175.50	9.30	2.15	60.12	999.00	164.50	6.61	3.44	60.00	117.70	2.26	8.14	57.90	999.00	2.08	999.00	1.77	0.00
21	4	10	7	164.50	8.58	2.98	60.62	999.00	136.50	6.77	2.64	59.97	108.40	3.00	5.40	57.18	999.00	4.17	999.00	3.61	0.00
21	4	10	8	151.40	8.96	3.66	61.71	999.00	125.50	8.57	5.88	61.00	89.10	3.81	12.26	55.74	999.00	7.02	999.00	5.64	0.00
21	4	10	9	120.00	13.94	4.05	62.06	999.00	105.00	13.83	1.46	61.30	98.30	5.96	14.49	57.45	999.00	3.01	999.00	2.72	0.00
21	4	10	10	155.70	12.98	2.73	61.18	999.00	141.60	9.72	4.00	59.90	110.60	4.99	13.72	58.96	999.00	2.03	999.00	1.57	0.00
21	4	10	11	167.80	10.01	9.61	63.22	999.00	159.30	9.54	9.21	63.43	158.50	5.92	19.87	64.62	999.00	-2.49	999.00	-1.12	0.00
21	4	10	12	168.30	11.37	8.78	67.76	999.00	159.90	10.88	9.03	68.27	158.80	6.39	18.79	70.59	999.00	-3.19	999.00	-1.29	0.00
21	4	10	13	157.30	12.13	10.14	70.36	999.00	148.70	11.70	11.01	70.87	149.00	6.95	17.67	73.40	999.00	-3.04	999.00	-1.41	0.00
21	4	10	14	168.80	17.36	8.84	72.62	999.00	163.00	16.42	8.99	73.14	167.00	9.13	18.47	75.50	999.00	-3.11	999.00	-1.67	0.00
21	4	10	15	157.90	16.94	10.16	73.76	999.00	151.70	15.91	10.36	74.30	151.60	9.41	20.30	76.70	999.00	-2.82	999.00	-1.49	0.00
21	4	10	16	136.20	14.52	8.63	73.47	999.00	115.90	12.75	9.22	72.90	70.60	8.58	10.98	70.89	999.00	7.31	999.00	5.84	0.00

21	4	10	17	136.10	10.59	9.99	73.18	999.00	111.90	11.03	9.64	72.86	68.13	9.23	9.65	68.61	999.00	7.73	999.00	7.93	0.00
21	4	10	18	104.00	14.14	4.36	67.90	999.00	80.90	17.99	3.32	65.77	78.90	9.58	9.56	59.24	999.00	999.00	999.00	4.07	0.00
21	4	10	19	270.80	14.16	5.13	61.84	999.00	268.80	12.47	7.14	61.32	277.10	7.24	11.62	59.81	999.00	-0.11	999.00	-0.61	0.03
21	4	10	20	264.30	11.57	8.40	60.33	999.00	256.00	9.01	9.11	60.48	297.50	3.38	17.76	59.51	999.00	1.30	999.00	0.63	0.24
21	4	10	21	108.80	3.68	34.35	59.32	999.00	81.30	5.76	19.73	59.54	60.60	6.10	14.69	57.72	999.00	2.10	999.00	0.25	0.06
21	4	10	22	67.55	16.83	5.86	57.15	999.00	52.57	17.73	4.69	56.87	57.84	10.42	12.10	55.10	999.00	2.08	999.00	0.62	0.02
21	4	10	23	96.20	20.20	5.47	57.99	999.00	78.50	19.04	6.21	57.62	87.30	7.97	20.63	56.01	999.00	2.29	999.00	0.44	0.00
21	4	10	24	128.60	10.19	7.49	56.66	999.00	122.80	7.71	10.77	56.38	134.70	2.23	48.03	56.02	999.00	-0.39	999.00	-0.88	0.02
21	4	11	1	171.60	20.32	8.06	57.78	999.00	161.60	17.77	8.82	58.03	156.70	8.37	20.74	58.21	999.00	-0.51	999.00	-0.89	0.00
21	4	11	2	219.50	19.10	4.55	58.71	999.00	212.00	17.24	4.59	59.78	212.90	10.33	10.95	59.32	999.00	-0.08	999.00	-1.09	0.00
21	4	11	3	220.80	18.34	3.42	57.34	999.00	212.20	15.91	4.17	57.83	210.90	8.17	11.20	56.74	999.00	0.67	999.00	-0.74	0.00
21	4	11	4	213.20	13.67	1.74	56.35	999.00	202.00	10.97	2.21	56.35	191.60	3.32	12.16	55.44	999.00	1.27	999.00	0.37	0.00
21	4	11	5	196.60	17.13	2.01	56.35	999.00	187.30	13.46	3.12	56.35	177.90	4.13	9.40	55.44	999.00	1.98	999.00	1.60	0.00
21	4	11	6	182.90	16.15	3.51	57.20	999.00	173.10	12.97	4.08	56.92	163.80	3.52	11.59	55.06	999.00	1.83	999.00	1.30	0.00
21	4	11	7	207.90	18.04	3.04	55.53	999.00	201.00	16.04	3.60	55.77	200.30	7.60	12.22	54.89	999.00	0.34	999.00	-0.09	0.00
21	4	11	8	230.10	15.62	3.41	53.50	999.00	223.00	13.98	4.14	53.85	222.00	9.04	8.21	53.53	999.00	-0.28	999.00	-0.67	0.00
21	4	11	9	205.80	10.93	7.03	52.70	999.00	199.00	10.07	7.10	53.18	205.50	6.25	12.45	53.63	999.00	-1.85	999.00	-1.50	0.00
21	4	11	10	197.20	9.56	7.72	52.58	999.00	190.90	9.02	7.53	53.10	194.10	6.16	15.09	54.61	999.00	-2.06	999.00	-1.44	0.00
21	4	11	11	178.60	12.04	10.42	52.58	999.00	173.50	11.45	9.88	53.10	184.40	8.11	18.31	54.61	999.00	-2.56	999.00	-1.66	0.00
21	4	11	12	174.20	10.12	8.02	54.19	999.00	167.60	9.17	8.76	54.71	172.80	5.10	20.04	56.23	999.00	-1.62	999.00	-1.42	0.00
21	4	11	13	180.80	17.13	10.68	53.71	999.00	173.80	16.39	11.19	54.24	173.70	9.23	18.78	55.76	999.00	-1.78	999.00	-1.35	0.00
21	4	11	14	183.30	15.26	10.94	53.57	999.00	178.30	14.30	11.47	54.10	180.00	9.43	18.44	55.35	999.00	-1.10	999.00	-0.85	0.00
21	4	11	15	201.70	18.87	9.53	54.87	999.00	195.60	17.84	8.89	55.42	196.20	11.69	15.55	57.45	999.00	-1.36	999.00	-2.05	0.00
21	4	11	16	176.70	7.81	11.14	51.76	999.00	169.70	6.82	12.97	52.16	169.20	4.09	22.59	53.53	999.00	-1.63	999.00	-1.94	0.00
21	4	11	17	187.50	19.55	6.99	52.83	999.00	181.00	18.85	7.76	53.38	182.40	12.28	12.79	53.98	999.00	-2.16	999.00	-2.23	0.00
21	4	11	18	192.10	10.87	6.09	51.82	999.00	188.90	10.24	6.47	52.30	191.90	6.60	13.18	52.96	999.00	-0.73	999.00	-0.97	0.01
21	4	11	19	193.30	12.04	6.46	51.37	999.00	187.20	11.50	8.41	51.83	191.60	7.50	14.96	51.65	999.00	-0.22	999.00	-0.82	0.00
21	4	11	20	181.50	12.75	4.06	50.24	999.00	175.90	11.51	5.45	50.75	180.40	7.03	14.16	50.85	999.00	-0.72	999.00	-0.62	0.01
21	4	11	21	175.80	12.85	4.59	49.65	999.00	166.80	11.61	4.96	50.13	165.20	6.07	14.77	50.04	999.00	0.07	999.00	0.15	0.00
21	4	11	22	163.50	10.52	2.09	49.67	999.00	152.80	9.73	2.63	50.12	149.40	4.38	15.85	49.56	999.00	0.07	999.00	0.18	0.00
21	4	11	23	167.30	11.74	3.62	49.73	999.00	157.40	10.02	3.66	50.09	155.50	4.93	13.69	49.93	999.00	-0.26	999.00	-0.29	0.00
21	4	11	24	170.50	12.77	3.76	49.75	999.00	161.90	11.47	4.35	50.19	162.00	5.11	14.42	50.48	999.00	-0.80	999.00	-0.43	0.00
21	4	12	1	179.00	11.68	3.05	49.12	999.00	168.40	10.23	3.29	49.56	166.80	4.45	14.17	50.18	999.00	-1.01	999.00	-0.82	0.00
21	4	12	2	169.90	8.31	3.96	49.07	999.00	159.70	7.32	4.69	49.55	157.50	3.83	12.91	50.05	999.00	-0.95	999.00	-0.54	0.00
21	4	12	3	212.30	8.05	6.64	49.07	999.00	194.60	7.00	7.53	49.55	195.40	3.53	14.67	50.05	999.00	-0.68	999.00	-0.75	0.00
21	4	12	4	222.20	6.17	5.95	48.80	999.00	210.60	4.90	9.27	49.04	200.30	2.60	13.31	49.38	999.00	-0.85	999.00	-0.34	0.03
21	4	12	5	283.30	5.36	8.05	48.47	999.00	263.40	4.35	10.90	49.00	309.60	1.56	47.50	49.18	999.00	-0.47	999.00	0.18	0.00
21	4	12	6	282.90	9.44	8.92	48.75	999.00	264.90	9.29	8.92	49.05	256.00	3.13	15.42	48.77	999.00	0.01	999.00	0.17	0.00
21	4	12	7	258.10	11.46	11.24	48.43	999.00	244.30	10.29	12.56	48.62	243.70	5.65	18.41	48.63	999.00	-0.83	999.00	-0.38	0.00
21	4	12	8	267.00	14.72	2.24	48.47	999.00	252.60	13.41	3.38	48.78	248.50	7.91	9.11	49.04	999.00	-0.85	999.00	-0.68	0.00
21	4	12	9	320.50	12.85	6.60	48.05	999.00	312.50	12.34	7.35	48.70	305.60	7.50	15.80	49.32	999.00	-1.41	999.00	-1.14	0.02
21	4	12	10	323.20	8.04	7.09	48.14	999.00	316.50	8.07	5.86	48.90	320.30	7.23	11.94	50.14	999.00	-2.04	999.00	-1.80	0.00
21	4	12	11	289.40	8.14	7.38	48.49	999.00	281.50	7.90	8.05	49.25	281.10	6.60	11.81	51.10	999.00	-2.98	999.00	-2.36	0.00
21	4	12	12	322.40	9.20	7.04	49.54	999.00	314.00	8.88	6.71	50.19	308.90	7.56	12.36	52.58	999.00	-2.42	999.00	-1.97	0.00
21	4	12	13	271.50	10.66	7.19	49.90	999.00	261.60	10.03	7.87	50.55	259.80	6.96	10.03	51.75	999.00	-1.59	999.00	-1.33	0.00
21	4	12	14	266.70	10.94	6.91	51.20	999.00	256.20	10.53	7.88	51.73	254.00	8.13	12.89	53.14	999.00	-2.52	999.00	-2.00	0.00

21	4	12	15	286.10	9.10	9.68	53.51	999.00	278.00	8.64	10.99	53.90	278.40	7.05	15.92	56.83	999.00	-3.84	999.00	-3.74	0.00
21	4	12	16	305.90	6.97	16.21	56.19	999.00	301.80	6.99	16.73	56.40	306.90	5.63	24.07	60.08	999.00	-3.94	999.00	-4.00	0.00
21	4	12	17	287.50	5.29	14.33	56.82	999.00	285.80	5.09	15.12	57.33	294.20	3.89	19.99	58.26	999.00	-0.69	999.00	-0.89	0.00
21	4	12	18	206.80	3.72	11.48	57.41	999.00	182.70	3.46	23.00	57.79	147.30	2.92	29.86	58.69	999.00	-1.17	999.00	-0.21	0.00
21	4	12	19	203.60	4.56	10.99	57.40	999.00	183.00	3.78	13.34	57.51	99.70	2.85	18.08	56.97	999.00	0.72	999.00	1.14	0.00
21	4	12	20	287.60	5.95	12.04	58.14	999.00	262.50	4.66	14.49	58.39	142.10	1.75	23.95	57.19	999.00	0.62	999.00	0.79	0.00
21	4	12	21	292.40	7.05	14.40	58.46	999.00	278.10	5.74	17.08	58.75	216.60	3.22	16.91	57.98	999.00	0.66	999.00	0.70	0.00
21	4	12	22	300.90	13.61	3.56	58.03	999.00	289.80	12.03	4.08	58.33	273.00	5.29	5.55	57.81	999.00	0.45	999.00	0.78	0.00
21	4	12	23	310.70	14.80	2.52	58.03	999.00	299.10	13.27	3.69	58.33	267.40	5.38	6.29	57.81	999.00	2.11	999.00	2.08	0.00
21	4	12	24	309.50	11.12	1.25	57.18	999.00	290.50	8.83	3.43	57.11	236.00	4.97	3.77	55.21	999.00	2.22	999.00	1.91	0.00
21	4	13	1	315.50	7.62	1.75	56.49	999.00	287.50	6.36	1.91	56.21	168.30	2.51	9.01	52.95	999.00	4.12	999.00	3.95	0.00
21	4	13	2	280.60	9.69	6.52	56.44	999.00	257.60	10.68	4.39	56.25	227.90	5.44	7.13	51.19	999.00	5.31	999.00	4.42	0.00
21	4	13	3	309.80	16.76	3.43	54.53	999.00	295.50	14.02	5.00	53.87	253.30	5.92	8.27	50.20	999.00	3.52	999.00	2.75	0.00
21	4	13	4	313.60	9.53	2.18	53.54	999.00	289.90	7.27	4.08	53.11	183.90	3.43	10.05	49.74	999.00	4.39	999.00	4.14	0.00
21	4	13	5	284.50	12.62	4.94	52.64	999.00	263.60	11.48	6.78	52.19	258.50	2.91	11.94	47.35	999.00	4.67	999.00	3.77	0.00
21	4	13	6	313.40	9.08	7.16	50.25	999.00	298.10	7.76	8.41	50.36	256.50	3.42	11.33	47.96	999.00	1.09	999.00	0.99	0.00
21	4	13	7	324.90	9.63	4.25	49.05	999.00	311.60	7.63	6.04	49.22	246.60	2.84	12.50	48.20	999.00	0.66	999.00	0.71	0.00
21	4	13	8	313.70	5.38	4.32	48.65	999.00	277.30	3.83	11.40	48.54	173.10	4.31	5.76	46.01	999.00	2.88	999.00	3.05	0.00
21	4	13	9	231.40	3.41	9.46	48.43	999.00	215.20	4.11	6.26	48.00	192.30	3.04	18.16	47.10	999.00	-0.88	999.00	-1.07	0.00
21	4	13	10	229.20	2.36	20.20	48.15	999.00	214.70	2.75	12.66	48.53	220.70	3.92	12.37	50.77	999.00	-2.73	999.00	-0.94	0.00
21	4	13	11	194.10	4.54	14.26	51.03	999.00	188.60	4.55	14.26	51.61	190.80	3.49	30.80	54.42	999.00	-3.38	999.00	-0.71	0.00
21	4	13	12	228.20	7.48	13.77	53.24	999.00	221.00	7.35	13.22	53.92	214.80	6.21	23.05	56.66	999.00	-3.39	999.00	-1.75	0.00
21	4	13	13	221.90	9.63	10.47	54.83	999.00	217.30	9.22	10.97	55.51	216.20	7.63	24.34	58.44	999.00	-3.73	999.00	-2.12	0.00
21	4	13	14	229.50	12.58	10.80	56.10	999.00	223.20	12.33	10.08	56.69	224.60	9.82	17.62	59.74	999.00	-3.63	999.00	-2.23	0.00
21	4	13	15	227.40	13.12	13.71	56.10	999.00	222.70	12.61	11.23	56.69	228.30	9.94	14.28	59.74	999.00	-3.53	999.00	-2.48	0.00
21	4	13	16	235.80	16.85	12.27	58.85	999.00	228.50	16.10	11.64	59.43	231.10	12.56	14.13	62.18	999.00	-3.33	999.00	-2.31	0.00
21	4	13	17	240.60	19.58	10.60	60.04	999.00	232.50	18.58	10.63	60.58	234.80	13.77	14.41	63.07	999.00	-3.03	999.00	-2.14	0.00
21	4	13	18	231.50	21.19	6.97	60.90	999.00	224.10	20.77	7.14	61.46	228.10	15.01	11.97	63.65	999.00	-2.69	999.00	-1.64	0.00
21	4	13	19	236.90	20.32	5.03	61.27	999.00	229.10	19.63	4.76	61.80	233.60	14.88	9.34	63.61	999.00	-2.06	999.00	-1.23	0.00
21	4	13	20	233.30	16.61	3.88	60.82	999.00	225.30	15.54	3.81	61.27	223.20	9.65	8.08	62.29	999.00	-0.99	999.00	-0.15	0.00
21	4	13	21	238.60	18.11	2.78	59.93	999.00	230.00	15.26	3.07	60.09	223.80	7.75	7.22	59.50	999.00	1.15	999.00	1.08	0.00
21	4	13	22	259.30	18.49	4.63	58.38	999.00	245.40	15.64	4.31	58.19	244.30	7.52	8.14	57.14	999.00	1.00	999.00	1.00	0.00
21	4	13	23	268.90	18.25	1.33	56.93	999.00	256.80	15.11	2.43	56.48	243.40	6.36	4.42	54.89	999.00	2.29	999.00	1.70	0.00
21	4	13	24	281.10	18.36	3.13	55.04	999.00	265.30	15.14	3.61	54.74	249.50	6.26	7.11	53.33	999.00	1.77	999.00	1.39	0.00
21	4	14	1	320.20	20.76	4.64	52.59	999.00	312.00	19.21	5.20	52.70	307.20	12.82	9.69	51.83	999.00	-0.81	999.00	-0.33	0.00
21	4	14	2	335.20	20.86	4.94	49.46	999.00	325.80	19.92	5.35	49.91	323.50	14.09	10.21	50.39	999.00	-0.97	999.00	-0.57	0.00
21	4	14	3	343.80	15.15	3.56	49.46	999.00	336.70	15.04	3.87	49.91	339.00	10.94	7.63	50.39	999.00	-1.37	999.00	-1.03	0.00
21	4	14	4	349.00	11.11	4.96	46.59	999.00	341.30	10.92	4.91	47.07	339.80	7.66	7.41	47.99	999.00	-1.31	999.00	-1.02	0.00
21	4	14	5	355.80	7.57	4.74	46.37	999.00	346.90	7.52	6.06	46.84	345.50	6.19	8.85	47.80	999.00	-1.54	999.00	-1.10	0.00
21	4	14	6	45.10	3.09	25.01	46.37	999.00	33.44	3.07	21.29	46.84	53.83	2.17	24.06	47.80	999.00	-1.12	999.00	-0.98	0.00
21	4	14	7	152.90	2.47	7.46	46.15	999.00	158.30	2.11	6.60	46.52	188.30	2.78	14.51	46.23	999.00	1.50	999.00	1.49	0.00
21	4	14	8	152.40	8.26	1.43	46.41	999.00	148.80	7.80	1.12	46.69	197.90	2.39	20.00	44.22	999.00	2.35	999.00	3.00	0.00
21	4	14	9	175.80	9.79	6.81	46.41	999.00	172.90	8.11	9.21	46.69	176.70	5.43	14.44	44.22	999.00	-2.20	999.00	-0.81	0.00
21	4	14	10	169.00	10.96	7.78	46.74	999.00	160.60	10.75	8.29	47.20	161.10	6.59	18.93	49.89	999.00	-3.40	999.00	-1.46	0.00
21	4	14	11	188.00	9.98	10.19	48.68	999.00	181.00	9.46	9.48	49.21	180.40	7.32	15.54	52.17	999.00	-3.38	999.00	-1.20	0.00
21	4	14	12	234.80	10.57	15.81	50.47	999.00	228.50	10.19	13.96	51.10	229.00	8.28	18.51	53.87	999.00	-3.42	999.00	-1.97	0.00

21	4	14	13	231.40	15.30	9.11	51.48	999.00	224.00	14.88	8.77	52.05	227.40	12.03	15.93	54.78	999.00	-3.52	999.00	-2.44	0.00
21	4	14	14	247.40	14.45	6.92	52.54	999.00	238.90	13.90	7.53	53.13	243.00	10.19	11.82	55.71	999.00	-2.61	999.00	-1.74	0.00
21	4	14	15	237.30	18.09	9.46	53.54	999.00	229.10	17.52	8.31	54.14	230.50	13.68	12.30	56.57	999.00	-3.52	999.00	-2.56	0.00
21	4	14	16	238.30	17.99	9.42	54.73	999.00	230.50	17.27	8.72	55.31	231.30	12.66	14.18	57.94	999.00	-2.42	999.00	-1.85	0.00
21	4	14	17	238.60	17.92	8.49	55.50	999.00	232.60	16.81	8.75	56.04	239.50	12.15	12.95	58.02	999.00	-2.11	999.00	-1.34	0.00
21	4	14	18	264.10	18.85	7.60	55.70	999.00	254.90	17.76	9.17	56.23	254.10	12.65	12.66	57.66	999.00	-1.89	999.00	-1.27	0.00
21	4	14	19	288.40	20.86	5.91	54.56	999.00	280.30	20.07	6.97	55.06	277.90	13.49	10.25	56.14	999.00	-1.47	999.00	-0.92	0.00
21	4	14	20	312.80	24.94	9.07	52.17	999.00	304.60	23.68	9.87	52.65	301.30	15.69	13.47	53.59	999.00	-1.62	999.00	-1.09	0.00
21	4	14	21	324.80	23.81	4.27	49.09	999.00	316.40	22.84	4.61	49.58	314.00	15.12	10.31	50.57	999.00	-1.32	999.00	-0.85	0.00
21	4	14	22	325.10	22.39	4.26	46.86	999.00	316.50	21.56	4.76	47.34	314.00	15.27	9.44	48.10	999.00	-1.19	999.00	-0.69	0.00
21	4	14	23	315.60	22.72	5.99	45.13	999.00	306.60	21.46	6.95	45.61	304.10	14.72	11.10	46.37	999.00	-1.22	999.00	-0.71	0.00
21	4	14	24	319.50	18.21	6.49	43.33	999.00	309.60	17.12	7.00	43.78	305.80	11.80	11.11	44.39	999.00	-1.18	999.00	-0.72	0.00
21	4	15	1	316.00	17.63	6.45	41.75	999.00	305.70	16.75	7.06	42.21	304.10	11.02	10.44	42.94	999.00	-1.06	999.00	-0.56	0.00
21	4	15	2	323.00	18.39	5.26	40.95	999.00	313.40	17.80	5.61	41.41	309.60	11.64	10.12	41.99	999.00	-1.04	999.00	-0.58	0.00
21	4	15	3	322.30	14.22	5.66	40.19	999.00	313.20	13.71	6.60	40.66	308.60	9.47	11.70	41.25	999.00	-0.99	999.00	-0.50	0.00
21	4	15	4	318.30	17.58	5.39	39.29	999.00	306.50	16.57	5.45	39.62	301.10	10.87	11.48	39.89	999.00	-0.68	999.00	-0.70	0.00
21	4	15	5	315.20	19.83	4.99	37.96	999.00	304.40	19.26	5.56	38.42	302.00	12.73	10.25	39.21	999.00	-1.25	999.00	-0.73	0.00
21	4	15	6	288.50	16.12	2.55	36.83	999.00	270.90	14.92	4.31	37.05	255.20	7.64	8.95	37.48	999.00	0.28	999.00	0.14	0.00
21	4	15	7	256.80	11.16	7.71	34.92	999.00	238.10	10.39	6.85	35.02	227.00	8.32	8.42	35.07	999.00	-0.93	999.00	-0.78	0.00
21	4	15	8	253.20	12.04	5.61	33.43	999.00	236.60	10.70	5.20	33.64	228.10	8.46	8.98	34.52	999.00	-1.36	999.00	-1.06	0.00
21	4	15	9	255.90	12.41	7.11	33.86	999.00	241.60	11.32	7.66	34.29	238.70	8.86	10.81	35.66	999.00	-1.81	999.00	-1.35	0.00
21	4	15	10	253.00	10.85	9.41	35.52	999.00	238.50	10.62	9.11	36.06	240.80	8.75	14.72	37.94	999.00	-2.70	999.00	-1.90	0.00
21	4	15	11	260.50	13.02	11.90	38.31	999.00	247.00	12.58	12.89	38.89	245.60	10.23	14.35	41.05	999.00	-2.88	999.00	-1.91	0.00
21	4	15	12	261.00	17.80	7.26	39.75	999.00	250.30	16.67	8.33	40.33	251.50	12.86	12.90	42.25	999.00	-2.37	999.00	-1.72	0.00
21	4	15	13	273.70	19.25	5.93	40.17	999.00	263.50	18.72	7.30	40.69	261.20	13.50	10.45	42.01	999.00	-1.94	999.00	-1.43	0.00
21	4	15	14	271.20	16.12	9.14	39.23	999.00	260.30	15.52	11.02	39.78	258.30	11.87	14.40	40.96	999.00	-1.45	999.00	-1.87	0.01
21	4	15	15	271.50	14.77	7.85	40.47	999.00	260.20	14.12	9.20	40.99	260.40	10.86	12.75	42.14	999.00	-2.03	999.00	-2.40	0.00
21	4	15	16	294.30	16.65	9.02	41.50	999.00	282.50	16.48	10.20	42.19	274.80	13.05	13.69	44.36	999.00	-3.02	999.00	-2.79	0.00
21	4	15	17	299.40	17.19	10.72	41.55	999.00	290.40	16.33	11.28	42.11	284.50	11.53	15.64	44.15	999.00	-2.04	999.00	-2.14	0.00
21	4	15	18	313.40	14.90	7.71	42.51	999.00	304.80	15.07	8.17	42.94	304.80	11.48	13.16	44.08	999.00	-1.94	999.00	-1.67	0.00
21	4	15	19	314.00	18.42	6.91	44.91	999.00	306.10	17.41	7.51	45.47	304.50	11.92	11.16	46.19	999.00	-1.34	999.00	-1.11	0.00
21	4	15	20	311.30	22.21	5.99	45.56	999.00	302.70	21.41	6.44	46.05	302.00	15.02	10.45	46.57	999.00	-0.53	999.00	-1.25	0.00
21	4	15	21	305.80	24.03	6.45	45.40	999.00	296.30	22.83	7.64	45.88	295.30	15.04	12.83	45.79	999.00	-1.55	999.00	-1.23	0.00
21	4	15	22	312.50	21.18	6.86	43.38	999.00	302.90	20.50	8.33	43.83	299.20	12.91	12.44	44.68	999.00	-1.25	999.00	-1.07	0.00
21	4	15	23	280.90	16.87	5.05	43.20	999.00	268.50	15.81	5.76	43.67	263.10	9.76	10.41	44.56	999.00	-1.17	999.00	-0.94	0.00
21	4	15	24	299.00	21.04	7.97	43.29	999.00	287.80	19.87	9.11	43.74	280.80	12.69	13.02	44.60	999.00	-1.32	999.00	-1.04	0.00
21	4	16	1	294.30	20.80	6.52	43.15	999.00	283.70	19.70	6.61	43.63	277.60	13.24	9.98	44.56	999.00	-1.38	999.00	-1.04	0.00
21	4	16	2	281.30	15.92	6.03	42.63	999.00	270.60	15.05	6.40	43.10	266.30	9.73	10.34	44.00	999.00	-1.38	999.00	-1.07	0.00
21	4	16	3	279.00	16.81	5.00	42.15	999.00	267.90	15.02	6.18	42.59	260.70	8.91	10.63	43.50	999.00	-1.36	999.00	-1.06	0.00
21	4	16	4	303.30	20.79	8.45	41.89	999.00	294.10	19.39	9.15	42.37	287.60	12.01	12.76	43.28	999.00	-1.36	999.00	-1.01	0.00
21	4	16	5	291.30	18.72	9.71	41.61	999.00	281.10	17.65	9.50	42.08	276.30	11.64	12.07	43.00	999.00	-1.40	999.00	-0.99	0.00
21	4	16	6	313.60	19.75	7.11	41.45	999.00	303.50	18.86	8.08	41.94	301.90	12.55	11.95	42.97	999.00	-1.51	999.00	-1.02	0.00
21	4	16	7	324.10	18.84	6.03	41.07	999.00	314.70	18.34	6.40	41.58	313.50	13.21	10.74	42.62	999.00	-1.59	999.00	-1.11	0.00
21	4	16	8	333.60	17.14	5.14	40.39	999.00	324.40	16.69	4.92	40.89	323.80	13.11	9.72	42.07	999.00	-1.73	999.00	-1.15	0.00
21	4	16	9	311.90	16.45	6.13	39.81	999.00	302.50	15.90	5.95	40.31	300.50	11.07	11.88	41.58	999.00	-1.88	999.00	-1.49	0.00
21	4	16	10	300.10	14.27	8.33	39.68	999.00	290.70	14.04	8.57	40.20	286.40	10.35	13.10	41.70	999.00	-2.23	999.00	-1.72	0.00

21	4	16	11	310.70	15.83	7.58	39.85	999.00	300.60	15.60	7.39	40.39	300.20	11.99	12.55	42.21	999.00	-2.50	999.00	-2.07	0.00
21	4	16	12	313.80	13.86	9.99	40.33	999.00	304.20	13.54	10.12	40.88	303.30	10.64	16.97	43.15	999.00	-3.05	999.00	-2.58	0.00
21	4	16	13	324.50	15.10	9.28	41.72	999.00	318.00	14.98	9.79	42.26	324.20	12.59	13.78	44.92	999.00	-3.18	999.00	-2.28	0.00
21	4	16	14	318.80	14.81	7.67	43.11	999.00	311.40	14.92	7.24	43.66	311.10	12.37	11.38	46.26	999.00	-3.07	999.00	-2.35	0.00
21	4	16	15	321.00	16.52	6.74	44.33	999.00	313.50	16.21	7.15	44.91	312.10	13.18	12.46	47.23	999.00	-2.85	999.00	-2.12	0.00
21	4	16	16	332.20	15.03	6.81	45.01	999.00	324.90	14.74	6.97	45.57	325.70	12.35	12.02	48.04	999.00	-3.35	999.00	-1.77	0.00
21	4	16	17	333.80	8.98	12.92	45.84	999.00	329.10	8.68	11.58	46.35	334.90	7.23	16.98	49.06	999.00	-3.32	999.00	-1.56	0.00
21	4	16	18	303.50	4.45	32.17	47.67	999.00	307.00	3.99	28.88	48.13	319.60	3.12	45.09	51.31	999.00	-3.68	999.00	-1.71	0.00
21	4	16	19	51.09	4.40	20.10	48.99	999.00	54.66	4.46	15.41	49.49	80.80	4.36	15.27	51.64	999.00	-1.89	999.00	-1.11	0.00
21	4	16	20	87.30	5.59	12.53	48.34	999.00	82.50	5.58	11.19	48.83	88.50	3.99	18.54	50.16	999.00	-2.02	999.00	-1.13	0.00
21	4	16	21	42.32	3.64	22.23	48.24	999.00	61.55	4.51	15.47	48.45	118.00	3.74	17.93	49.06	999.00	-0.06	999.00	-0.03	0.00
21	4	16	22	999.00	999.00	999.00	48.98	999.00	999.00	999.00	999.00	48.96	999.00	999.00	999.00	49.04	999.00	999.00	999.00	0.00	0.00
21	4	16	23	126.30	6.16	7.22	48.60	999.00	129.90	5.58	8.15	48.77	167.90	2.22	24.97	49.34	999.00	-0.72	999.00	-0.55	0.00
21	4	16	24	156.50	4.66	6.51	49.11	999.00	151.10	4.30	8.21	49.32	216.10	0.97	56.76	49.01	999.00	0.38	999.00	-0.04	0.00
21	4	17	1	999.00	999.00	999.00	49.32	999.00	999.00	999.00	999.00	49.57	999.00	999.00	999.00	48.94	999.00	999.00	999.00	-1.28	0.00
21	4	17	2	78.80	11.09	5.12	42.62	999.00	68.43	10.91	6.34	43.14	75.30	7.07	12.95	44.22	999.00	-1.45	999.00	-1.05	0.00
21	4	17	3	69.86	11.11	4.49	43.46	999.00	57.82	10.93	5.81	43.95	67.26	7.43	10.45	44.85	999.00	-1.36	999.00	-0.98	0.00
21	4	17	4	65.61	5.70	9.03	43.83	999.00	55.58	5.67	9.35	44.30	61.43	4.03	14.12	45.10	999.00	-1.33	999.00	-0.88	0.00
21	4	17	5	49.84	7.14	5.75	44.03	999.00	41.72	6.07	5.15	44.51	46.97	5.75	9.45	45.52	999.00	-1.50	999.00	-1.06	0.00
21	4	17	6	45.59	8.74	6.24	44.03	999.00	38.82	7.42	5.34	44.51	49.94	6.73	9.60	45.52	999.00	-1.18	999.00	-0.91	0.00
21	4	17	7	45.29	7.04	7.58	43.38	999.00	36.63	6.13	7.17	43.82	45.39	5.15	11.37	44.39	999.00	-1.07	999.00	-0.79	0.00
21	4	17	8	47.28	8.79	7.70	43.09	999.00	39.62	7.87	7.23	43.58	42.84	7.54	13.77	44.66	999.00	-2.23	999.00	-0.77	0.00
21	4	17	9	57.62	6.72	11.80	42.56	999.00	46.09	6.17	10.66	43.12	44.48	6.25	14.07	44.83	999.00	-2.23	999.00	-1.16	0.00
21	4	17	10	47.75	7.02	12.98	42.72	999.00	38.26	6.21	12.21	43.30	41.76	5.95	18.14	45.03	999.00	-2.53	999.00	-1.16	0.00
21	4	17	11	49.56	4.46	13.85	43.56	999.00	34.45	4.49	14.13	44.17	21.49	4.92	21.52	46.29	999.00	-2.96	999.00	-0.50	0.00
21	4	17	12	49.96	5.15	11.43	44.33	999.00	41.94	4.93	13.52	44.95	54.62	5.12	18.08	47.59	999.00	-3.09	999.00	-0.43	0.00
21	4	17	13	41.67	5.48	22.10	44.82	999.00	33.59	5.18	22.53	45.47	9.89	5.54	22.16	48.42	999.00	-3.87	999.00	-0.72	0.00
21	4	17	14	53.64	4.77	14.40	44.57	999.00	47.58	4.88	14.92	45.14	59.31	5.18	21.58	47.62	999.00	-2.33	999.00	-0.84	0.00
21	4	17	15	119.70	5.40	13.15	46.14	999.00	115.80	5.66	15.28	46.74	123.10	5.19	25.31	49.12	999.00	-3.03	999.00	-1.72	0.00
21	4	17	16	81.50	5.38	20.80	47.39	999.00	83.90	5.50	21.70	48.00	86.10	4.68	27.63	50.19	999.00	-2.70	999.00	-1.41	0.00
21	4	17	17	117.30	4.86	12.29	47.91	999.00	117.60	4.98	15.53	48.45	135.10	4.34	22.75	50.48	999.00	-2.44	999.00	-1.67	0.00
21	4	17	18	131.80	4.79	9.40	48.50	999.00	125.00	4.93	11.36	49.03	139.50	4.39	23.22	50.88	999.00	-2.38	999.00	-1.42	0.00
21	4	17	19	130.90	5.36	8.26	49.55	999.00	123.10	5.24	9.50	50.09	122.90	4.00	18.57	52.26	999.00	-2.57	999.00	-1.38	0.00
21	4	17	20	168.90	6.61	9.52	50.33	999.00	164.20	6.72	9.10	50.86	171.70	4.33	15.89	52.69	999.00	-1.64	999.00	-0.88	0.00
21	4	17	21	181.20	7.18	3.92	49.48	999.00	171.50	6.90	2.96	49.90	161.10	1.96	20.45	50.17	999.00	0.28	999.00	-0.17	0.00
21	4	17	22	200.60	7.95	1.05	49.64	999.00	193.80	7.03	1.17	49.91	186.70	2.60	6.23	48.76	999.00	1.49	999.00	1.14	0.00
21	4	17	23	167.00	8.53	1.81	49.82	999.00	158.30	8.58	2.10	50.01	139.60	2.87	10.10	47.75	999.00	1.82	999.00	1.88	0.00
21	4	17	24	167.60	8.22	2.97	50.02	999.00	160.90	9.10	1.16	50.11	188.10	1.86	12.20	48.10	999.00	2.82	999.00	2.10	0.00
21	4	18	1	183.50	12.12	2.71	49.15	999.00	177.90	11.42	4.03	48.87	194.20	4.44	11.08	46.25	999.00	2.53	999.00	2.22	0.00
21	4	18	2	214.20	14.75	3.71	48.21	999.00	212.70	12.81	2.67	47.52	202.60	3.89	11.71	45.46	999.00	2.81	999.00	1.99	0.00
21	4	18	3	202.20	12.94	1.22	48.52	999.00	192.80	11.89	1.95	47.51	159.40	3.34	13.78	44.68	999.00	4.51	999.00	2.96	0.00
21	4	18	4	225.90	11.66	3.07	49.10	999.00	208.90	10.60	1.04	48.53	195.30	3.39	9.84	45.11	999.00	2.03	999.00	2.36	0.00
21	4	18	5	220.50	12.90	2.42	47.73	999.00	206.40	10.88	2.20	46.90	177.90	4.84	10.35	44.95	999.00	3.13	999.00	2.23	0.00
21	4	18	6	231.30	9.24	5.57	47.41	999.00	206.70	9.31	4.73	47.07	177.30	4.36	10.17	44.74	999.00	2.42	999.00	2.27	0.00
21	4	18	7	247.90	9.44	6.58	46.60	999.00	224.50	8.88	3.46	46.74	188.60	3.58	9.86	44.31	999.00	2.34	999.00	2.34	0.00
21	4	18	8	251.30	8.88	3.81	45.84	999.00	230.50	9.30	3.20	46.04	213.90	4.51	10.46	43.95	999.00	0.62	999.00	1.81	0.00

21	4	18	9	263.20	7.97	5.80	45.32	999.00	243.00	7.82	6.35	45.54	236.70	6.56	11.15	46.07	999.00	-1.71	999.00	-1.18	0.00
21	4	18	10	262.30	6.46	8.14	45.87	999.00	252.10	6.40	8.74	46.29	248.40	5.80	15.26	48.22	999.00	-2.21	999.00	-1.61	0.00
21	4	18	11	254.20	7.72	13.19	46.42	999.00	244.50	7.57	14.27	46.95	249.80	6.69	17.01	48.75	999.00	-2.99	999.00	-1.92	0.00
21	4	18	12	270.60	8.12	9.19	47.64	999.00	264.00	7.44	9.00	48.18	272.90	6.13	11.44	49.98	999.00	-2.13	999.00	-1.73	0.00
21	4	18	13	312.70	8.66	10.02	49.52	999.00	307.90	8.76	11.65	50.03	315.70	7.63	17.68	52.48	999.00	-3.10	999.00	-2.38	0.00
21	4	18	14	322.40	6.78	9.10	51.38	999.00	317.30	7.05	10.03	51.87	325.90	6.19	17.85	54.58	999.00	-3.39	999.00	-2.28	0.00
21	4	18	15	1.44	4.39	18.94	53.04	999.00	5.32	4.26	17.12	53.58	17.53	4.18	12.61	56.54	999.00	-3.21	999.00	-0.74	0.00
21	4	18	16	329.90	13.75	9.39	53.49	999.00	327.80	13.05	9.84	54.13	332.50	9.71	12.82	56.53	999.00	-1.93	999.00	-1.49	0.00
21	4	18	17	179.80	9.43	7.16	52.60	999.00	168.30	8.43	7.24	52.91	155.70	4.22	22.69	54.03	999.00	-1.41	999.00	-0.93	0.00
21	4	18	18	178.20	15.21	4.37	53.00	999.00	170.70	13.20	6.16	53.40	176.10	8.44	13.36	55.03	999.00	-2.22	999.00	-1.41	0.00
21	4	18	19	178.00	10.01	6.73	52.56	999.00	171.20	8.64	7.71	53.02	174.60	5.42	15.20	54.80	999.00	-2.26	999.00	-1.21	0.00
21	4	18	20	179.80	11.11	2.23	52.92	999.00	172.00	10.30	2.56	53.32	176.00	5.05	12.29	54.61	999.00	-0.74	999.00	-0.85	0.00
21	4	18	21	208.00	9.11	1.51	53.78	999.00	192.10	9.13	1.13	53.29	170.50	3.04	7.98	52.10	999.00	3.15	999.00	2.61	0.00
21	4	18	22	196.50	14.08	2.19	54.11	999.00	185.10	14.05	3.88	53.94	181.20	4.28	7.98	50.87	999.00	3.32	999.00	2.62	0.00
21	4	18	23	188.40	15.60	1.31	53.01	999.00	181.00	13.40	1.11	52.41	191.20	4.98	11.39	49.99	999.00	2.70	999.00	1.54	0.00
21	4	18	24	199.50	19.32	2.15	50.73	999.00	188.30	14.80	1.28	49.30	189.50	5.34	10.38	48.14	999.00	3.29	999.00	0.83	0.00
21	4	19	1	208.80	20.23	2.85	50.90	999.00	193.40	16.21	2.55	47.91	191.70	5.33	10.39	46.33	999.00	4.39	999.00	1.62	0.00
21	4	19	2	211.90	21.09	1.43	49.86	999.00	196.90	16.04	1.79	47.16	191.90	6.15	11.51	45.43	999.00	4.24	999.00	1.49	0.00
21	4	19	3	208.10	21.31	1.64	49.90	999.00	197.50	16.28	2.78	46.99	197.60	5.91	12.54	45.40	999.00	2.93	999.00	1.32	0.00
21	4	19	4	210.80	22.14	2.02	47.90	999.00	195.90	16.19	2.63	46.19	190.20	5.35	13.25	44.88	999.00	4.46	999.00	1.28	0.00
21	4	19	5	212.90	20.38	2.28	48.65	999.00	196.70	15.11	2.89	45.76	192.90	6.50	12.64	44.46	999.00	3.71	999.00	0.82	0.00
21	4	19	6	223.40	18.24	2.72	47.19	999.00	209.70	13.43	4.87	45.08	203.00	5.75	13.29	44.69	999.00	1.48	999.00	0.29	0.00
21	4	19	7	230.70	17.94	4.68	48.12	999.00	210.20	16.61	7.39	46.49	190.30	7.19	12.28	45.15	999.00	6.70	999.00	3.96	0.00
21	4	19	8	216.60	19.36	2.61	48.83	999.00	196.70	16.04	3.77	46.56	192.70	5.98	15.24	45.22	999.00	2.14	999.00	1.15	0.00
21	4	19	9	223.60	16.08	4.92	46.72	999.00	212.50	13.31	6.72	46.22	212.30	8.45	12.01	47.38	999.00	-1.96	999.00	-1.22	0.00
21	4	19	10	230.80	13.81	5.90	49.53	999.00	222.20	13.23	5.30	49.92	222.90	10.99	10.53	52.10	999.00	-2.96	999.00	-1.82	0.00
21	4	19	11	232.80	16.60	5.47	53.13	999.00	224.00	16.30	5.55	53.67	225.20	11.57	10.64	56.22	999.00	-3.14	999.00	-2.18	0.00
21	4	19	12	239.50	21.36	7.56	56.03	999.00	231.40	20.76	7.90	56.59	233.60	14.96	12.64	59.29	999.00	-3.28	999.00	-2.51	0.00
21	4	19	13	227.10	25.40	6.04	57.98	999.00	219.10	24.38	6.29	58.54	222.20	17.32	10.83	60.84	999.00	-3.08	999.00	-2.00	0.00
21	4	19	14	236.40	24.56	6.30	59.12	999.00	228.70	23.66	7.33	59.67	230.40	16.91	9.98	62.08	999.00	-3.04	999.00	-2.11	0.00
21	4	19	15	233.40	26.31	7.02	60.12	999.00	226.00	25.13	6.80	60.63	230.00	18.00	9.53	62.52	999.00	-2.32	999.00	-1.43	0.00
21	4	19	16	231.50	27.14	5.36	60.78	999.00	223.90	26.29	5.57	61.29	229.00	19.08	10.49	63.04	999.00	-2.27	999.00	-1.59	0.00
21	4	19	17	235.40	26.45	5.28	61.25	999.00	227.60	25.35	5.49	61.72	232.80	18.08	9.54	62.91	999.00	-1.30	999.00	-0.92	0.00
21	4	19	18	285.10	26.56	23.33	61.25	999.00	276.10	24.78	25.21	61.72	277.30	16.65	25.21	62.91	999.00	-1.85	999.00	-0.81	0.00
21	4	19	19	309.00	28.63	4.64	53.55	999.00	301.80	27.32	5.63	54.08	302.30	18.92	10.58	55.50	999.00	-2.03	999.00	-1.44	0.00
21	4	19	20	296.40	20.59	7.03	48.03	999.00	287.70	19.63	6.75	48.54	283.40	12.95	10.59	49.73	999.00	-1.45	999.00	-1.10	0.00
21	4	19	21	312.20	22.20	5.24	46.35	999.00	304.10	21.29	6.51	46.84	303.20	15.34	11.79	47.87	999.00	-1.95	999.00	-1.11	0.00
21	4	19	22	279.40	16.27	5.68	43.64	999.00	269.00	15.08	6.99	44.15	264.70	10.43	11.13	45.31	999.00	-1.51	999.00	-1.05	0.00
21	4	19	23	282.30	16.49	5.03	42.96	999.00	270.50	15.84	5.35	43.43	264.30	9.72	9.85	44.39	999.00	-1.39	999.00	-0.95	0.00
21	4	19	24	291.10	20.06	5.26	42.02	999.00	281.00	19.25	6.63	42.50	276.60	13.76	10.50	43.44	999.00	-1.41	999.00	-0.94	0.00
21	4	20	1	277.40	17.44	5.72	40.32	999.00	264.50	16.51	6.39	40.77	260.00	10.36	10.77	41.10	999.00	0.13	999.00	-1.00	0.00
21	4	20	2	281.80	14.24	10.20	39.65	999.00	270.40	13.61	10.93	40.05	264.50	9.15	13.24	39.65	999.00	-0.37	999.00	-0.95	0.00
21	4	20	3	242.30	10.38	5.97	38.47	999.00	229.90	10.00	7.02	38.94	229.60	7.73	14.27	38.86	999.00	-0.57	999.00	-1.05	0.00
21	4	20	4	238.60	13.22	5.08	38.47	999.00	226.80	12.45	5.08	38.94	226.40	9.54	10.60	38.86	999.00	-0.82	999.00	-1.20	0.00
21	4	20	5	238.60	12.33	4.73	38.19	999.00	227.00	11.65	4.84	38.69	224.40	8.86	9.69	39.03	999.00	-1.07	999.00	-1.26	0.00
21	4	20	6	243.60	13.56	5.75	37.47	999.00	230.50	13.05	5.23	38.01	229.50	10.73	7.90	38.51	999.00	-1.01	999.00	-1.21	0.00

21	4	20	7	272.70	11.51	7.80	37.35	999.00	260.30	10.56	9.63	37.87	258.60	6.96	12.77	38.27	999.00	-0.82	999.00	-1.01	0.00
21	4	20	8	246.20	9.71	7.21	36.55	999.00	232.10	9.26	7.12	37.00	232.40	6.56	12.40	37.12	999.00	-0.39	999.00	-1.02	0.00
21	4	20	9	234.10	10.25	6.86	36.62	999.00	221.60	9.78	6.30	37.08	217.80	7.65	12.36	37.43	999.00	-1.03	999.00	-1.26	0.00
21	4	20	10	264.20	10.83	6.05	37.25	999.00	252.30	10.11	6.29	37.75	254.60	7.42	10.58	38.20	999.00	-0.83	999.00	-1.43	0.00
21	4	20	11	301.90	9.87	13.83	37.70	999.00	291.60	9.68	14.46	38.20	283.80	7.39	16.78	39.02	999.00	-1.90	999.00	-1.56	0.00
21	4	20	12	283.10	7.90	9.87	38.19	999.00	271.20	7.79	10.73	38.71	274.90	6.05	15.92	40.15	999.00	-2.06	999.00	-1.72	0.00
21	4	20	13	305.00	7.82	10.26	38.15	999.00	295.90	7.49	10.91	38.68	299.50	5.79	14.61	40.44	999.00	-2.42	999.00	-2.14	0.00
21	4	20	14	315.20	9.58	15.77	38.15	999.00	305.00	9.32	12.78	38.68	300.30	6.75	14.70	40.44	999.00	-2.27	999.00	-1.75	0.00
21	4	20	15	337.00	13.31	9.14	37.65	999.00	325.70	12.83	8.68	38.18	323.30	10.41	11.49	40.01	999.00	-2.46	999.00	-1.74	0.00
21	4	20	16	337.30	14.53	6.03	35.56	999.00	328.10	14.48	6.48	36.08	327.10	11.64	12.87	37.90	999.00	-2.32	999.00	-1.78	0.00
21	4	20	17	343.70	15.66	6.07	34.89	999.00	335.40	15.08	6.48	35.42	336.80	12.14	9.67	37.09	999.00	-2.24	999.00	-1.60	0.00
21	4	20	18	350.40	16.68	4.27	33.67	999.00	341.60	16.25	4.97	34.19	339.80	12.47	9.42	35.53	999.00	-1.78	999.00	-1.33	0.01
21	4	20	19	348.40	17.40	5.85	32.82	999.00	338.00	17.15	6.56	33.21	337.50	13.15	9.98	34.14	999.00	-1.36	999.00	-1.37	0.04
21	4	20	20	25.72	20.97	6.10	32.32	999.00	15.70	18.96	7.81	32.73	14.43	15.39	10.50	33.55	999.00	-1.13	999.00	-1.25	0.02
21	4	20	21	30.44	19.18	5.05	31.99	999.00	22.07	16.16	6.65	32.21	19.03	13.68	11.94	33.04	999.00	-1.14	999.00	-0.92	0.05
21	4	20	22	30.55	18.78	4.98	31.66	999.00	21.93	16.05	5.41	32.33	24.56	12.67	9.50	32.65	999.00	-0.98	999.00	-0.82	0.07
21	4	20	23	18.31	13.53	11.62	31.52	999.00	8.60	12.28	12.61	32.41	6.83	10.12	12.54	32.55	999.00	-1.31	999.00	-0.82	0.09
21	4	20	24	12.13	15.88	11.78	31.69	999.00	1.54	15.53	11.38	32.62	359.80	13.84	10.33	32.63	999.00	-1.09	999.00	-0.87	0.07
21	4	21	1	20.67	17.92	9.51	31.85	999.00	11.00	16.53	10.66	32.68	8.06	15.62	10.43	32.83	999.00	-0.88	999.00	-0.54	0.06
21	4	21	2	10.14	16.46	8.82	31.71	999.00	358.40	16.68	9.44	32.51	355.20	14.59	8.99	32.59	999.00	-1.04	999.00	-0.67	0.05
21	4	21	3	2.02	17.61	6.38	31.58	999.00	350.60	18.05	6.56	32.43	346.80	16.14	7.91	32.43	999.00	-0.37	999.00	-0.92	0.04
21	4	21	4	346.30	17.85	6.65	32.79	999.00	335.70	17.92	7.21	33.39	336.20	15.12	8.57	33.26	999.00	-0.31	999.00	-0.45	0.00
21	4	21	5	352.70	19.60	5.24	33.01	999.00	341.70	19.58	5.96	33.58	339.90	16.43	7.81	33.44	999.00	-0.23	999.00	-0.51	0.00
21	4	21	6	339.20	15.71	7.35	32.99	999.00	329.40	15.53	8.10	33.49	326.90	12.77	13.08	33.09	999.00	-0.11	999.00	-0.08	0.00
21	4	21	7	8.98	18.01	6.94	32.65	999.00	359.60	17.84	7.72	32.90	2.20	16.19	10.26	33.09	999.00	-1.56	999.00	-0.76	0.00
21	4	21	8	335.70	17.68	4.56	32.59	999.00	325.00	17.35	4.75	32.85	322.90	14.23	9.55	33.29	999.00	-0.91	999.00	-0.17	0.00
21	4	21	9	339.60	17.24	6.19	32.86	999.00	329.40	16.59	6.84	33.25	328.40	13.71	9.51	34.17	999.00	-1.90	999.00	-0.73	0.00
21	4	21	10	328.10	18.17	6.72	32.18	999.00	318.70	17.83	7.28	32.68	317.40	14.86	12.92	34.36	999.00	-2.15	999.00	-1.67	0.00
21	4	21	11	316.90	17.95	8.97	31.66	999.00	307.40	18.12	10.05	32.22	304.70	14.31	16.81	33.78	999.00	-2.49	999.00	-3.76	0.00
21	4	21	12	312.20	18.81	7.22	31.48	999.00	303.60	18.45	8.48	32.11	302.30	14.65	13.58	34.22	999.00	-3.10	999.00	-3.95	0.00
21	4	21	13	305.00	19.52	8.00	31.89	999.00	296.30	20.01	8.93	32.63	297.40	15.20	15.99	35.21	999.00	-3.34	999.00	-4.00	0.00
21	4	21	14	309.10	21.25	7.92	32.74	999.00	301.20	21.07	8.65	33.69	302.80	15.86	12.38	36.21	999.00	-3.53	999.00	-4.00	0.00
21	4	21	15	271.20	18.47	9.23	33.98	999.00	260.20	18.02	9.22	35.41	259.90	13.84	13.64	37.63	999.00	-3.39	999.00	-1.28	0.00
21	4	21	16	277.00	19.11	7.09	35.07	999.00	266.70	18.75	8.35	36.53	268.10	14.93	11.72	38.57	999.00	-3.45	999.00	-2.33	0.00
21	4	21	17	267.00	17.45	10.57	35.80	999.00	255.50	17.23	10.87	37.05	254.20	13.56	14.23	39.38	999.00	-3.65	999.00	-2.45	0.00
21	4	21	18	302.20	11.46	23.81	36.83	999.00	294.10	10.88	24.92	37.69	298.70	7.30	24.46	39.54	999.00	-1.94	999.00	-1.48	0.01
21	4	21	19	265.90	16.76	6.82	35.86	999.00	253.30	15.86	7.60	36.31	256.00	11.84	12.12	37.21	999.00	-1.07	999.00	-1.04	0.00
21	4	21	20	276.10	13.71	5.68	34.56	999.00	264.20	12.79	6.70	35.44	264.30	9.53	10.01	35.53	999.00	-1.11	999.00	-1.24	0.00
21	4	21	21	240.50	13.44	5.55	34.79	999.00	228.70	12.38	6.32	35.42	231.20	9.27	11.49	35.92	999.00	-1.43	999.00	-0.78	0.00
21	4	21	22	240.10	13.26	6.41	32.93	999.00	226.50	11.56	6.25	33.58	223.30	7.70	10.41	34.44	999.00	-1.44	999.00	-0.93	0.00
21	4	21	23	255.10	16.85	5.11	32.15	999.00	240.90	14.48	6.10	32.73	240.40	9.53	9.62	33.38	999.00	-1.19	999.00	-0.84	0.00
21	4	21	24	259.50	19.73	3.55	32.29	999.00	244.20	17.75	4.20	32.71	243.40	11.31	8.87	33.34	999.00	-1.11	999.00	-0.72	0.00
21	4	22	1	266.50	17.86	4.62	31.91	999.00	252.00	14.51	5.91	32.22	254.20	8.19	10.95	32.79	999.00	-0.70	999.00	-0.46	0.00
21	4	22	2	280.00	18.64	3.28	32.07	999.00	260.90	15.60	5.07	32.11	255.20	7.47	9.36	32.29	999.00	0.16	999.00	-0.05	0.00
21	4	22	3	308.40	16.09	5.15	33.18	999.00	290.80	14.80	6.39	32.65	259.60	6.76	8.82	31.79	999.00	2.79	999.00	1.94	0.00
21	4	22	4	321.40	18.00	5.39	34.16	999.00	310.40	16.88	6.52	34.14	300.90	9.91	12.80	31.91	999.00	0.25	999.00	2.00	0.00

21	4	22	5	324.90	17.19	5.13	34.62	999.00	314.00	16.16	6.24	34.95	304.60	9.10	14.63	34.29	999.00	-0.37	999.00	0.01	0.00
21	4	22	6	309.40	12.72	7.19	34.32	999.00	290.50	12.19	6.39	34.51	245.30	6.83	7.63	33.28	999.00	2.87	999.00	2.07	0.00
21	4	22	7	305.70	12.28	2.41	33.69	999.00	280.40	12.62	5.53	33.19	248.40	6.32	7.28	30.30	999.00	3.75	999.00	3.03	0.00
21	4	22	8	282.80	11.19	4.47	33.69	999.00	258.60	12.17	7.28	33.19	243.70	7.44	8.01	30.30	999.00	1.11	999.00	1.24	0.00
21	4	22	9	264.70	9.44	5.83	31.63	999.00	247.90	8.45	6.89	31.19	237.40	7.54	12.32	32.60	999.00	-2.11	999.00	-1.39	0.00
21	4	22	10	240.30	10.73	5.61	33.06	999.00	227.50	10.58	5.40	33.44	228.90	9.13	10.68	35.83	999.00	-3.29	999.00	-1.99	0.00
21	4	22	11	249.60	13.79	7.38	34.72	999.00	237.80	13.45	6.98	35.31	235.00	10.68	13.61	37.91	999.00	-3.16	999.00	-2.12	0.00
21	4	22	12	261.00	13.99	11.41	37.21	999.00	247.50	13.75	12.34	37.84	249.60	10.40	17.27	40.48	999.00	-3.22	999.00	-2.37	0.00
21	4	22	13	263.30	16.56	14.78	39.16	999.00	253.00	16.21	15.38	39.77	255.70	12.64	19.30	42.21	999.00	-2.78	999.00	-2.11	0.00
21	4	22	14	253.70	18.45	8.32	40.23	999.00	243.60	16.95	8.61	40.81	245.50	12.79	13.34	43.10	999.00	-3.37	999.00	-2.51	0.00
21	4	22	15	262.50	19.59	12.04	41.35	999.00	251.50	18.87	12.88	41.96	250.00	13.63	15.37	44.09	999.00	-2.71	999.00	-1.97	0.00
21	4	22	16	266.20	17.79	11.72	42.29	999.00	255.10	17.17	11.44	42.88	254.50	12.64	13.76	44.94	999.00	-2.56	999.00	-1.84	0.00
21	4	22	17	275.30	17.77	11.41	43.22	999.00	264.70	16.76	12.95	43.77	267.20	12.26	13.77	45.67	999.00	-2.65	999.00	-1.99	0.00
21	4	22	18	276.60	17.55	9.31	43.22	999.00	265.80	16.75	8.89	43.77	263.40	12.71	12.09	45.67	999.00	-2.27	999.00	-1.62	0.00
21	4	22	19	278.50	15.44	10.75	44.73	999.00	268.10	14.50	11.51	45.27	272.20	10.08	13.31	46.75	999.00	-1.89	999.00	-1.36	0.00
21	4	22	20	273.80	14.38	5.36	45.51	999.00	262.40	13.37	6.64	46.00	261.30	8.08	10.12	47.26	999.00	-1.26	999.00	-0.91	0.00
21	4	22	21	277.70	16.80	1.92	45.32	999.00	265.90	14.46	2.69	45.55	257.70	6.25	8.43	45.27	999.00	1.12	999.00	0.89	0.00
21	4	22	22	276.40	18.10	2.57	44.95	999.00	260.60	15.61	3.52	44.83	249.20	6.67	8.03	43.30	999.00	1.84	999.00	1.79	0.00
21	4	22	23	271.90	13.37	4.11	44.31	999.00	252.70	11.71	3.49	44.04	207.00	4.45	8.74	42.01	999.00	3.52	999.00	2.61	0.00
21	4	22	24	263.00	13.98	1.23	44.29	999.00	244.90	13.47	1.33	44.05	210.20	5.16	8.86	40.06	999.00	4.45	999.00	4.34	0.00
21	4	23	1	247.70	16.96	2.33	44.27	999.00	226.40	16.12	2.66	43.41	206.90	5.63	9.09	39.36	999.00	5.52	999.00	3.73	0.00
21	4	23	2	250.60	15.93	5.60	44.65	999.00	225.20	15.52	3.92	42.55	205.60	5.97	10.81	38.48	999.00	6.17	999.00	3.87	0.00
21	4	23	3	245.80	15.09	1.03	44.86	999.00	232.40	16.11	2.01	42.90	207.20	5.13	9.30	37.84	999.00	7.66	999.00	4.70	0.00
21	4	23	4	244.10	16.07	7.43	44.37	999.00	221.00	14.10	3.55	42.65	190.80	4.49	8.59	37.52	999.00	5.93	999.00	4.59	0.00
21	4	23	5	231.10	18.98	2.22	41.32	999.00	212.60	15.86	2.52	40.45	185.20	5.82	8.96	36.89	999.00	3.88	999.00	2.70	0.00
21	4	23	6	236.80	22.36	2.63	41.32	999.00	219.70	18.75	2.86	40.45	207.10	7.14	11.56	36.89	999.00	2.85	999.00	2.27	0.00
21	4	23	7	247.80	22.89	3.28	39.01	999.00	232.20	19.59	3.52	38.56	228.00	11.44	8.29	37.60	999.00	0.33	999.00	0.14	0.00
21	4	23	8	249.60	20.95	4.82	39.05	999.00	235.10	17.94	4.84	38.96	228.40	11.39	8.59	39.31	999.00	-0.83	999.00	-0.56	0.00
21	4	23	9	254.20	22.05	4.42	40.71	999.00	239.90	19.61	5.61	40.83	239.40	13.22	10.04	42.09	999.00	-2.22	999.00	-1.34	0.00
21	4	23	10	253.40	18.26	5.48	43.15	999.00	240.10	17.20	6.22	43.61	239.70	12.25	10.72	45.52	999.00	-2.43	999.00	-1.70	0.00
21	4	23	11	253.70	19.51	6.93	46.65	999.00	240.90	18.61	7.29	47.18	243.00	13.99	12.03	49.26	999.00	-2.73	999.00	-2.06	0.00
21	4	23	12	252.50	19.55	6.57	48.69	999.00	241.90	18.50	6.50	49.24	242.00	13.56	11.83	51.06	999.00	-2.55	999.00	-1.64	0.00
21	4	23	13	256.10	18.40	6.87	52.00	999.00	245.50	17.67	7.04	52.60	247.20	12.47	13.16	54.73	999.00	-2.43	999.00	-1.81	0.00
21	4	23	14	250.90	19.18	8.16	53.27	999.00	240.80	18.08	8.37	53.87	238.30	13.39	12.57	56.30	999.00	-3.21	999.00	-2.38	0.00
21	4	23	15	253.40	17.45	8.04	54.89	999.00	243.50	16.43	9.18	55.49	247.90	12.79	11.99	57.87	999.00	-2.91	999.00	-2.04	0.00
21	4	23	16	242.20	18.33	8.14	55.84	999.00	233.80	17.76	7.59	56.41	236.50	12.78	12.76	58.87	999.00	-2.96	999.00	-2.13	0.00
21	4	23	17	235.20	18.25	9.10	56.63	999.00	228.10	17.03	9.05	57.18	232.70	12.21	11.83	59.58	999.00	-2.88	999.00	-1.75	0.00
21	4	23	18	225.20	19.05	7.26	57.00	999.00	218.20	18.31	7.19	57.56	220.50	13.35	12.51	59.78	999.00	-2.91	999.00	-1.85	0.00
21	4	23	19	220.50	18.30	4.99	57.14	999.00	214.00	17.24	4.94	57.68	216.50	11.36	11.49	59.44	999.00	-2.09	999.00	-1.26	0.00
21	4	23	20	219.80	17.19	3.32	57.00	999.00	213.30	15.13	3.72	57.42	213.90	7.17	10.37	58.41	999.00	-0.23	999.00	-0.32	0.00
21	4	23	21	223.40	11.91	2.93	55.89	999.00	213.80	11.28	3.26	56.02	193.40	4.17	10.56	55.36	999.00	1.32	999.00	1.01	0.00
21	4	23	22	206.50	16.27	2.44	54.83	999.00	193.10	14.19	2.35	54.85	170.70	4.08	11.13	52.55	999.00	2.95	999.00	2.20	0.00
21	4	23	23	220.60	19.22	1.24	53.56	999.00	206.20	15.06	1.82	53.07	183.80	4.45	7.63	50.45	999.00	3.97	999.00	2.53	0.00
21	4	23	24	214.50	19.31	1.58	53.63	999.00	198.20	15.42	2.08	52.34	181.30	5.41	8.50	49.66	999.00	4.60	999.00	2.43	0.00
21	4	24	1	201.40	20.57	1.77	52.83	999.00	188.00	15.45	1.93	51.01	182.20	4.50	12.66	48.28	999.00	4.99	999.00	2.42	0.00
21	4	24	2	212.50	19.90	3.95	52.00	999.00	197.00	15.46	3.89	50.19	182.80	5.00	8.91	47.38	999.00	4.02	999.00	2.21	0.00

21	4	24	3	227.30	18.66	2.05	50.26	999.00	211.30	13.87	1.95	48.79	194.80	3.67	6.56	46.04	999.00	4.74	999.00	2.57	0.00
21	4	24	4	238.80	17.58	1.91	50.45	999.00	219.40	14.47	2.19	48.58	184.90	5.34	6.35	44.77	999.00	6.80	999.00	4.15	0.00
21	4	24	5	233.90	15.07	1.40	50.69	999.00	221.80	13.71	1.20	49.12	198.10	4.95	7.80	44.05	999.00	6.67	999.00	6.03	0.00
21	4	24	6	221.10	15.83	1.27	50.88	999.00	200.80	14.18	2.12	49.23	184.50	4.35	6.72	43.79	999.00	7.62	999.00	5.01	0.00
21	4	24	7	221.50	14.37	2.60	51.23	999.00	201.00	13.63	2.65	49.67	181.70	4.66	4.34	43.31	999.00	999.00	999.00	6.45	0.00
21	4	24	8	201.00	16.33	1.73	51.11	999.00	182.70	16.68	2.41	48.35	173.40	4.63	13.18	43.90	999.00	5.55	999.00	5.11	0.00
21	4	24	9	196.90	14.92	3.44	49.45	999.00	178.50	10.43	5.10	46.84	175.30	5.45	13.32	46.65	999.00	0.60	999.00	-0.55	0.00
21	4	24	10	156.90	7.46	8.06	50.16	999.00	138.80	6.66	8.20	48.96	131.40	4.97	15.70	50.42	999.00	-2.27	999.00	-1.02	0.00
21	4	24	11	137.50	8.23	5.59	52.51	999.00	118.70	7.90	8.22	52.67	106.40	5.35	15.49	54.40	999.00	-1.15	999.00	-0.46	0.00
21	4	24	12	129.20	10.90	3.99	54.28	999.00	108.10	10.33	7.56	53.48	94.70	5.03	16.29	54.61	999.00	0.49	999.00	-0.66	0.00
21	4	24	13	100.00	13.76	1.31	55.14	999.00	84.90	12.50	4.54	54.67	79.50	5.91	14.75	55.20	999.00	-0.01	999.00	0.45	0.00
21	4	24	14	97.70	16.02	3.12	55.14	999.00	82.10	14.96	3.62	54.72	78.90	7.75	12.66	56.24	999.00	-0.87	999.00	-1.39	0.00
21	4	24	15	99.10	16.33	2.89	55.05	999.00	81.50	16.07	3.81	54.28	82.50	7.54	14.08	55.40	999.00	0.44	999.00	-0.82	0.00
21	4	24	16	121.30	12.10	3.87	54.88	999.00	99.80	12.20	5.27	53.69	104.60	5.48	14.49	54.03	999.00	1.03	999.00	-0.12	0.00
21	4	24	17	183.70	7.26	21.66	55.92	999.00	171.50	6.03	21.89	55.51	39.00	2.46	62.42	54.00	999.00	1.50	999.00	2.62	0.00
21	4	24	18	188.50	15.89	5.34	55.92	999.00	183.50	15.04	6.22	55.51	186.40	9.27	13.20	54.00	999.00	-1.45	999.00	-0.85	0.00
21	4	24	19	198.50	13.13	3.69	52.68	999.00	194.10	12.01	4.55	53.13	198.50	5.80	14.83	54.10	999.00	-1.41	999.00	-0.92	0.00
21	4	24	20	195.80	11.40	3.05	50.58	999.00	191.20	9.82	3.42	51.01	196.40	4.10	11.67	51.73	999.00	-0.81	999.00	-0.71	0.00
21	4	24	21	185.80	9.37	1.53	49.30	999.00	179.30	8.76	1.70	49.71	174.40	2.80	15.61	49.33	999.00	0.87	999.00	-0.13	0.00
21	4	24	22	204.50	6.08	2.99	48.60	999.00	199.80	5.80	3.47	49.01	203.90	2.47	11.91	47.79	999.00	0.56	999.00	0.17	0.00
21	4	24	23	201.10	6.30	1.30	48.41	999.00	196.60	5.72	1.28	48.78	194.40	2.46	7.52	47.99	999.00	0.40	999.00	0.12	0.00
21	4	24	24	223.00	7.64	2.38	48.35	999.00	214.10	6.87	1.74	48.70	210.50	2.62	9.58	48.02	999.00	0.20	999.00	0.26	0.00
21	4	25	1	241.80	8.91	2.67	48.18	999.00	238.10	8.73	4.08	48.31	221.60	3.54	10.35	48.04	999.00	0.24	999.00	0.35	0.00
21	4	25	2	260.60	13.23	1.27	48.11	999.00	250.60	10.41	2.19	47.90	256.20	3.97	5.87	47.66	999.00	0.78	999.00	0.19	0.00
21	4	25	3	262.90	14.31	2.68	47.79	999.00	249.60	11.33	4.28	47.57	245.50	5.75	8.35	46.93	999.00	-0.12	999.00	-0.07	0.00
21	4	25	4	260.30	13.02	4.39	47.79	999.00	243.50	10.61	6.40	47.57	232.50	6.37	9.82	46.93	999.00	-0.63	999.00	-0.31	0.00
21	4	25	5	258.50	14.75	3.70	47.08	999.00	242.10	12.20	4.92	47.27	239.30	6.61	9.26	47.76	999.00	-1.03	999.00	-0.70	0.00
21	4	25	6	271.30	13.95	2.77	46.79	999.00	253.50	11.61	3.65	47.13	246.00	6.25	8.78	47.54	999.00	-0.75	999.00	-0.43	0.00
21	4	25	7	285.80	15.48	4.97	46.80	999.00	267.30	12.86	5.46	47.15	259.70	6.21	9.43	47.51	999.00	-0.55	999.00	-0.40	0.00
21	4	25	8	290.30	12.07	5.05	47.11	999.00	276.80	10.79	5.73	47.60	264.60	6.71	11.08	48.10	999.00	-1.52	999.00	-0.66	0.00
21	4	25	9	310.00	18.13	4.92	47.63	999.00	300.00	16.44	5.52	48.28	296.70	10.45	11.99	49.38	999.00	-1.90	999.00	-1.44	0.00
21	4	25	10	311.10	17.44	5.02	48.04	999.00	301.20	16.70	5.87	48.67	299.20	11.80	11.30	50.13	999.00	-1.95	999.00	-1.55	0.00
21	4	25	11	326.70	21.60	3.93	45.97	999.00	318.80	20.72	4.69	46.60	320.80	15.18	9.89	48.45	999.00	-2.55	999.00	-1.94	0.00
21	4	25	12	321.10	20.22	6.24	43.67	999.00	313.00	20.03	6.47	44.31	312.20	16.11	11.18	46.43	999.00	-2.80	999.00	-2.28	0.00
21	4	25	13	313.10	20.40	5.97	42.05	999.00	305.70	20.09	6.62	42.65	304.90	15.95	13.29	44.90	999.00	-2.95	999.00	-2.47	0.00
21	4	25	14	313.60	18.13	6.71	41.82	999.00	306.50	18.03	7.25	42.41	307.90	14.55	12.18	45.01	999.00	-3.07	999.00	-2.69	0.00
21	4	25	15	308.60	15.02	9.29	43.75	999.00	301.50	14.73	10.88	44.35	305.90	10.80	14.75	47.00	999.00	-3.64	999.00	-2.85	0.00
21	4	25	16	319.30	13.53	11.24	46.06	999.00	315.00	13.66	11.33	46.60	322.60	11.78	17.58	49.43	999.00	-3.22	999.00	-2.19	0.00
21	4	25	17	332.30	13.57	8.55	48.05	999.00	324.50	13.35	8.43	48.58	324.60	11.71	11.38	51.11	999.00	-3.01	999.00	-1.81	0.00
21	4	25	18	327.60	9.03	9.67	49.26	999.00	320.40	9.14	8.79	49.74	318.50	8.09	15.24	52.12	999.00	-3.05	999.00	-1.78	0.00
21	4	25	19	19.86	4.67	20.50	49.45	999.00	28.41	4.03	21.99	50.05	37.54	3.84	20.43	52.53	999.00	-2.09	999.00	-0.73	0.00
21	4	25	20	92.20	4.97	9.17	48.49	999.00	83.60	5.00	8.27	48.94	87.60	3.59	13.46	50.00	999.00	-1.36	999.00	-0.86	0.00
21	4	25	21	11.90	6.71	16.00	48.18	999.00	3.00	5.34	18.34	48.49	10.52	3.25	23.96	49.06	999.00	-0.53	999.00	-0.78	0.00
21	4	25	22	16.55	8.73	11.97	48.31	999.00	5.99	6.96	13.30	48.67	350.20	4.00	13.62	49.09	999.00	-0.64	999.00	-0.84	0.00
21	4	25	23	69.80	20.43	3.04	47.23	999.00	57.52	19.79	4.29	47.65	62.59	12.88	11.44	48.07	999.00	-1.45	999.00	-0.99	0.00
21	4	25	24	75.90	21.90	3.95	44.43	999.00	64.46	21.38	4.86	44.93	65.82	14.19	11.34	45.91	999.00	-1.47	999.00	-1.03	0.00

21	4	26	1	75.10	17.80	6.05	43.51	999.00	62.17	16.92	6.75	44.04	63.79	11.79	10.56	45.08	999.00	-1.65	999.00	-1.03	0.00
21	4	26	2	87.30	20.90	4.18	41.70	999.00	75.60	20.08	5.28	42.24	79.20	11.66	13.83	43.35	999.00	-1.71	999.00	-1.16	0.00
21	4	26	3	86.70	19.17	5.41	41.04	999.00	74.80	18.33	6.22	41.58	80.20	10.60	13.82	42.73	999.00	-1.73	999.00	-1.18	0.00
21	4	26	4	75.30	15.41	6.33	40.40	999.00	62.44	15.19	6.70	40.92	62.32	10.66	11.03	41.98	999.00	-1.49	999.00	-1.02	0.00
21	4	26	5	71.00	14.09	7.29	39.86	999.00	58.64	13.19	7.74	40.37	58.96	9.81	10.55	41.35	999.00	-1.47	999.00	-1.05	0.00
21	4	26	6	77.70	16.81	4.83	39.23	999.00	65.45	16.48	5.10	39.73	65.60	10.98	10.42	40.73	999.00	-1.54	999.00	-1.11	0.00
21	4	26	7	91.00	17.21	5.59	39.23	999.00	78.10	16.36	7.06	39.73	83.50	8.93	15.54	40.73	999.00	-1.73	999.00	-1.18	0.00
21	4	26	8	97.50	17.57	4.95	39.16	999.00	84.50	17.05	6.03	39.69	89.30	9.18	14.63	40.91	999.00	-1.79	999.00	-1.26	0.00
21	4	26	9	109.30	14.37	7.32	39.52	999.00	98.10	13.78	10.41	40.08	104.80	7.77	18.61	41.65	999.00	-2.20	999.00	-1.61	0.00
21	4	26	10	101.00	13.38	8.35	39.87	999.00	89.60	13.07	11.07	40.42	89.80	8.40	20.97	42.08	999.00	-3.24	999.00	-1.74	0.00
21	4	26	11	103.70	14.35	6.45	40.66	999.00	92.80	14.32	8.28	41.36	93.50	9.34	15.50	44.04	999.00	-3.31	999.00	-2.52	0.00
21	4	26	12	93.30	15.77	9.62	41.80	999.00	81.00	15.19	10.94	42.54	78.80	10.60	15.46	45.21	999.00	-3.63	999.00	-2.51	0.00
21	4	26	13	81.70	18.64	3.80	41.83	999.00	69.51	18.60	4.87	42.47	71.10	13.51	13.35	45.29	999.00	-3.33	999.00	-2.63	0.00
21	4	26	14	84.40	19.91	4.60	42.18	999.00	71.60	19.19	5.38	42.73	73.60	13.24	13.14	45.60	999.00	-3.70	999.00	-2.73	0.00
21	4	26	15	82.00	18.75	5.30	42.43	999.00	69.59	17.85	6.98	43.01	69.69	13.02	13.99	45.90	999.00	-3.36	999.00	-2.51	0.00
21	4	26	16	82.50	22.59	3.30	43.32	999.00	69.79	22.34	3.67	43.88	69.05	15.90	11.45	46.70	999.00	-3.21	999.00	-2.51	0.00
21	4	26	17	85.70	23.42	3.87	43.84	999.00	74.00	22.32	5.56	44.37	78.60	14.52	13.05	47.06	999.00	-3.18	999.00	-2.52	0.00
21	4	26	18	91.00	22.14	5.09	44.16	999.00	78.30	20.85	6.29	44.75	84.10	12.48	14.62	47.07	999.00	-2.84	999.00	-1.89	0.00
21	4	26	19	100.30	21.84	4.96	45.18	999.00	88.60	21.44	6.28	45.76	94.80	11.85	14.25	47.66	999.00	-2.33	999.00	-1.40	0.00
21	4	26	20	97.10	21.91	4.27	45.71	999.00	85.70	21.25	5.45	46.25	93.00	11.32	14.20	47.72	999.00	-1.72	999.00	-1.24	0.00
21	4	26	21	104.70	21.22	3.62	46.39	999.00	92.90	20.52	4.90	46.87	95.70	11.49	14.79	47.95	999.00	-1.37	999.00	-1.03	0.00
21	4	26	22	110.90	19.92	3.88	46.82	999.00	97.90	17.45	4.87	47.25	98.60	9.41	14.95	48.19	999.00	-1.22	999.00	-0.94	0.00
21	4	26	23	126.50	20.95	1.86	49.40	999.00	105.20	16.27	3.73	48.57	98.70	7.17	15.37	49.07	999.00	3.13	999.00	-0.27	0.00
21	4	26	24	94.30	17.63	5.47	52.79	999.00	70.20	17.68	5.68	50.52	68.37	8.45	11.39	50.26	999.00	2.13	999.00	0.79	0.00
21	4	27	1	87.90	20.88	4.55	52.49	999.00	67.91	18.22	4.40	50.65	69.95	9.51	11.10	50.59	999.00	1.51	999.00	-0.37	0.00
21	4	27	2	102.10	19.02	3.43	50.46	999.00	87.60	16.88	5.21	49.21	90.40	8.45	13.68	49.63	999.00	0.13	999.00	-0.51	0.00
21	4	27	3	124.90	22.49	3.28	51.20	999.00	106.30	18.59	3.36	49.44	104.00	9.08	11.89	49.76	999.00	5.47	999.00	-0.09	0.00
21	4	27	4	151.10	23.12	2.13	56.28	999.00	135.30	18.34	2.71	51.81	135.30	4.98	11.53	50.44	999.00	7.46	999.00	3.20	0.00
21	4	27	5	180.40	26.90	1.26	58.42	999.00	167.60	21.27	1.52	54.86	161.40	5.53	13.80	51.91	999.00	7.39	999.00	3.36	0.00
21	4	27	6	198.30	27.97	2.47	59.58	999.00	185.50	22.10	3.51	57.01	183.60	7.98	12.83	53.56	999.00	4.47	999.00	2.67	0.00
21	4	27	7	208.60	27.27	2.56	59.19	999.00	196.50	22.64	2.68	57.74	190.90	9.61	13.41	55.88	999.00	2.73	999.00	1.55	0.00
21	4	27	8	215.20	26.10	3.33	58.71	999.00	204.70	21.76	3.52	57.78	204.10	9.51	13.66	56.56	999.00	1.06	999.00	0.84	0.00
21	4	27	9	219.50	23.09	4.82	59.61	999.00	210.40	20.05	5.30	59.51	211.80	11.97	12.71	60.15	999.00	-1.19	999.00	-0.87	0.00
21	4	27	10	230.80	26.41	5.48	63.45	999.00	222.00	24.90	5.05	63.79	223.70	17.10	9.50	65.06	999.00	-1.72	999.00	-1.08	0.00
21	4	27	11	232.00	25.26	5.40	67.21	999.00	224.60	24.58	5.60	67.64	229.20	15.88	10.69	68.86	999.00	-1.80	999.00	-0.94	0.00
21	4	27	12	227.80	24.59	5.23	68.88	999.00	222.10	23.90	4.79	69.35	226.20	17.12	9.79	71.12	999.00	-2.54	999.00	-1.70	0.00
21	4	27	13	226.40	24.25	4.44	71.10	999.00	221.00	23.44	4.37	71.58	223.80	16.26	8.82	73.36	999.00	-2.19	999.00	-1.24	0.00
21	4	27	14	220.70	19.83	6.91	73.82	999.00	215.30	18.78	7.13	74.33	219.10	13.51	9.75	76.53	999.00	-2.74	999.00	-2.02	0.00
21	4	27	15	215.70	21.00	6.88	76.09	999.00	210.10	20.01	6.88	76.58	214.90	12.72	12.34	78.42	999.00	-2.33	999.00	-1.49	0.00
21	4	27	16	213.90	23.06	7.77	76.09	999.00	208.10	22.13	8.65	76.58	210.20	14.35	14.13	78.42	999.00	-2.72	999.00	-1.72	0.00
21	4	27	17	204.90	24.05	7.45	79.22	999.00	200.00	21.77	8.19	79.72	206.10	13.82	13.99	81.59	999.00	-2.37	999.00	-1.47	0.00
21	4	27	18	219.80	27.87	6.76	80.52	999.00	213.90	26.10	7.06	81.02	216.60	17.18	12.59	82.65	999.00	-1.83	999.00	-1.21	0.00
21	4	27	19	213.40	26.24	4.54	81.04	999.00	207.60	24.04	4.93	81.49	211.10	14.69	11.69	82.53	999.00	-1.31	999.00	-0.74	0.00
21	4	27	20	209.70	18.46	4.28	80.22	999.00	204.00	15.77	4.69	80.49	207.50	7.20	13.43	80.73	999.00	0.38	999.00	0.47	0.00
21	4	27	21	214.00	18.84	2.09	78.71	999.00	206.80	16.79	1.85	78.78	198.30	5.81	12.62	77.16	999.00	2.93	999.00	2.04	0.00
21	4	27	22	212.10	21.06	2.27	77.39	999.00	201.60	17.71	2.37	77.05	191.10	4.96	11.34	74.19	999.00	3.84	999.00	3.08	0.00

21	4	27	23	211.00	21.52	3.10	77.39	999.00	200.90	17.56	3.03	77.05	187.80	5.61	11.36	74.19	999.00	2.99	999.00	2.42	0.00
21	4	27	24	207.70	21.84	3.64	73.73	999.00	195.50	18.57	3.65	73.15	182.20	6.82	10.28	70.80	999.00	3.39	999.00	2.26	0.00
21	4	28	1	209.20	24.89	2.86	71.98	999.00	198.00	19.94	3.17	71.18	190.40	6.36	13.01	68.49	999.00	3.45	999.00	2.46	0.00
21	4	28	2	206.00	24.98	3.03	70.75	999.00	196.00	20.78	3.13	69.95	190.10	8.16	13.42	67.92	999.00	2.14	999.00	1.54	0.00
21	4	28	3	210.20	24.04	2.49	68.86	999.00	201.40	20.15	2.88	68.28	202.80	8.75	12.72	67.13	999.00	1.47	999.00	0.93	0.00
21	4	28	4	213.80	22.91	2.71	68.40	999.00	205.20	19.47	3.08	68.08	203.70	7.97	13.33	67.04	999.00	1.10	999.00	0.70	0.00
21	4	28	5	213.80	22.43	2.97	68.28	999.00	205.60	18.60	3.73	67.97	205.90	7.21	13.77	67.04	999.00	1.19	999.00	0.80	0.00
21	4	28	6	213.70	23.11	3.72	68.01	999.00	205.40	19.20	4.28	67.64	204.80	8.02	12.52	66.71	999.00	1.31	999.00	0.85	0.00
21	4	28	7	213.30	24.44	3.63	67.28	999.00	203.10	20.86	4.25	67.04	198.80	9.16	13.59	66.41	999.00	0.83	999.00	0.50	0.00
21	4	28	8	215.90	22.47	3.79	66.11	999.00	206.00	19.61	4.10	65.98	206.50	10.39	11.56	65.84	999.00	-0.54	999.00	-0.22	0.00
21	4	28	9	221.00	21.36	4.60	66.53	999.00	213.80	19.03	5.64	66.72	213.70	11.00	12.90	67.38	999.00	-1.51	999.00	-0.75	0.00
21	4	28	10	230.70	20.94	5.27	68.08	999.00	225.30	20.03	4.87	68.53	226.70	13.35	9.73	69.65	999.00	-1.54	999.00	-0.88	0.00
21	4	28	11	233.50	20.12	6.31	69.07	999.00	227.80	19.59	6.08	69.56	228.90	13.65	9.72	70.97	999.00	-2.16	999.00	-1.81	0.00
21	4	28	12	247.10	17.41	5.48	70.58	999.00	240.60	16.48	6.65	71.09	237.30	11.99	12.43	72.86	999.00	-2.39	999.00	-1.68	0.00
21	4	28	13	220.10	17.32	5.36	72.14	999.00	215.90	16.36	6.03	72.66	217.90	10.58	12.18	74.36	999.00	-2.00	999.00	-1.29	0.00
21	4	28	14	231.70	16.50	5.60	72.54	999.00	228.70	15.45	5.45	73.01	232.30	9.62	10.85	74.15	999.00	-1.16	999.00	-1.17	0.00
21	4	28	15	225.10	16.22	6.88	72.54	999.00	221.00	15.36	6.20	72.97	224.50	10.90	9.05	73.89	999.00	-1.83	999.00	-1.00	0.00
21	4	28	16	226.60	20.78	5.53	73.86	999.00	222.00	19.90	5.08	74.34	224.70	13.74	9.98	75.70	999.00	-1.65	999.00	-1.04	0.00
21	4	28	17	235.70	25.99	5.91	73.92	999.00	229.70	25.02	5.71	74.39	232.10	16.78	9.57	75.35	999.00	-1.22	999.00	-0.77	0.00
21	4	28	18	240.80	23.22	4.76	999.00	999.00	234.50	22.14	4.66	999.00	235.20	15.28	9.78	74.51	999.00	-1.24	999.00	-0.79	0.00
21	4	28	19	242.00	20.23	3.97	999.00	999.00	234.90	19.16	3.87	999.00	234.80	12.80	8.25	73.87	999.00	-0.97	999.00	-0.67	0.00
21	4	28	20	243.70	15.31	3.85	72.27	999.00	237.20	14.08	3.67	72.64	239.60	7.54	9.63	73.00	999.00	-0.63	999.00	-0.38	0.00
21	4	28	21	234.80	18.66	4.08	71.59	999.00	228.90	16.65	3.96	71.95	230.80	9.04	7.23	71.65	999.00	0.22	999.00	0.38	0.00
21	4	28	22	232.10	19.07	4.62	70.02	999.00	225.40	17.44	4.41	70.35	223.40	10.77	9.28	70.15	999.00	-0.56	999.00	-0.23	0.00
21	4	28	23	312.90	10.98	8.55	65.42	999.00	305.20	8.43	10.68	65.65	269.90	3.76	35.42	65.77	999.00	0.87	999.00	-2.83	0.01
21	4	28	24	117.40	4.12	15.95	60.09	999.00	88.90	8.31	5.61	59.76	99.40	5.28	13.49	58.94	999.00	2.86	999.00	-1.95	0.00
21	4	29	1	74.80	13.10	5.29	58.55	999.00	59.99	13.65	6.57	56.70	62.71	9.20	9.44	54.85	999.00	0.79	999.00	-1.33	0.00
21	4	29	2	50.86	13.52	6.76	51.79	999.00	42.38	11.48	6.65	52.24	49.45	9.33	11.39	53.17	999.00	-1.47	999.00	-2.43	0.07
21	4	29	3	70.80	15.66	3.76	49.30	999.00	60.48	15.23	4.28	50.09	67.34	10.98	11.53	50.77	999.00	-1.34	999.00	-2.84	0.05
21	4	29	4	80.40	11.54	4.70	48.49	999.00	66.83	11.06	5.88	49.29	66.02	8.09	11.31	49.94	999.00	-1.49	999.00	-2.38	0.01
21	4	29	5	87.60	13.35	3.45	48.39	999.00	77.70	12.86	4.11	49.19	89.80	7.47	15.36	49.86	999.00	-1.44	999.00	-2.21	0.06
21	4	29	6	71.00	13.22	8.59	47.71	999.00	59.96	12.74	8.35	48.44	64.07	8.69	13.08	49.19	999.00	-1.53	999.00	-2.34	0.07
21	4	29	7	48.51	15.35	4.61	47.24	999.00	40.43	12.99	5.26	47.95	43.28	11.61	10.28	48.76	999.00	-1.58	999.00	-2.38	0.13
21	4	29	8	49.66	12.16	6.65	47.06	999.00	40.72	10.78	6.20	47.75	45.03	9.93	10.40	48.55	999.00	-1.47	999.00	-1.67	0.12
21	4	29	9	81.60	16.15	4.54	47.16	999.00	69.60	15.24	6.01	47.82	70.00	10.49	11.73	48.65	999.00	-1.68	999.00	-1.60	0.02
21	4	29	10	92.40	15.29	5.05	47.34	999.00	79.90	14.74	6.17	48.07	83.20	7.60	17.88	49.14	999.00	-1.95	999.00	-1.93	0.01
21	4	29	11	8.94	13.59	14.18	47.38	999.00	0.28	12.78	14.27	48.06	356.60	11.03	13.41	49.10	999.00	-1.92	999.00	-1.67	0.04
21	4	29	12	6.55	13.71	10.69	47.38	999.00	357.50	12.99	11.15	48.06	357.70	10.40	11.29	49.10	999.00	-1.88	999.00	-1.68	0.01
21	4	29	13	355.90	18.27	5.70	47.19	999.00	347.30	17.19	5.93	47.89	343.90	14.16	8.16	49.08	999.00	-1.88	999.00	-2.00	0.00
21	4	29	14	348.30	16.24	5.19	47.34	999.00	340.70	14.88	6.57	48.12	341.70	10.64	9.62	49.33	999.00	-2.10	999.00	-1.91	0.00
21	4	29	15	346.40	13.90	5.11	47.97	999.00	338.50	13.21	6.16	48.92	341.40	10.63	8.72	50.03	999.00	-1.97	999.00	-1.89	0.00
21	4	29	16	327.50	11.83	5.87	48.28	999.00	319.40	11.10	5.62	49.10	321.10	8.42	9.90	50.13	999.00	-1.65	999.00	-1.84	0.01
21	4	29	17	309.10	14.56	5.78	49.03	999.00	301.90	13.24	6.86	49.76	299.90	8.74	12.33	50.62	999.00	-1.65	999.00	-1.72	0.03
21	4	29	18	301.00	10.32	5.88	49.47	999.00	292.50	10.06	7.78	50.25	286.40	6.91	10.56	51.17	999.00	-1.92	999.00	-2.02	0.00
21	4	29	19	308.50	15.26	5.61	49.54	999.00	303.10	14.24	6.41	50.51	304.90	9.76	10.69	51.39	999.00	-1.81	999.00	-2.05	0.00
21	4	29	20	297.60	17.44	6.43	50.07	999.00	289.70	15.87	7.61	51.25	284.90	10.13	11.29	51.44	999.00	-0.68	999.00	-2.08	0.00

21	4	29	21	286.20	16.89	6.89	50.96	999.00	276.00	15.09	7.32	51.76	272.40	9.04	9.31	51.58	999.00	-0.32	999.00	-1.43	0.00
21	4	29	22	271.50	14.25	4.55	51.61	999.00	260.20	12.19	5.39	52.14	258.00	6.49	8.35	52.04	999.00	-0.60	999.00	-1.14	0.00
21	4	29	23	259.40	17.24	4.19	51.51	999.00	248.00	14.61	4.88	51.91	245.10	8.14	8.49	51.93	999.00	-0.14	999.00	-0.76	0.00
21	4	29	24	258.80	20.41	3.21	51.40	999.00	246.00	17.17	4.35	51.56	242.50	9.27	9.21	51.19	999.00	0.37	999.00	-0.70	0.00
21	4	30	1	260.50	22.44	3.83	50.67	999.00	246.00	19.56	4.91	50.65	244.50	11.08	9.57	50.40	999.00	0.23	999.00	-0.63	0.00
21	4	30	2	269.00	23.02	3.43	50.18	999.00	255.70	20.11	4.84	49.98	251.70	10.82	9.41	50.05	999.00	0.20	999.00	-0.69	0.00
21	4	30	3	283.70	22.39	4.48	50.07	999.00	272.00	20.11	5.33	50.18	266.40	10.80	9.43	50.13	999.00	-0.02	999.00	-0.55	0.00
21	4	30	4	287.00	22.82	5.34	49.57	999.00	275.90	20.85	5.57	49.91	270.60	12.76	9.79	50.01	999.00	-0.82	999.00	-0.94	0.00
21	4	30	5	303.80	24.10	7.85	49.58	999.00	293.30	22.00	8.40	49.98	288.10	13.07	12.50	50.48	999.00	-0.80	999.00	-1.17	0.00
21	4	30	6	311.80	22.94	6.21	49.30	999.00	303.40	21.48	7.14	49.75	299.50	12.75	12.16	50.21	999.00	-0.72	999.00	-0.87	0.00
21	4	30	7	297.60	14.90	7.43	48.14	999.00	283.70	13.37	7.50	48.52	268.60	7.32	10.13	48.77	999.00	0.02	999.00	-0.24	0.00
21	4	30	8	296.90	15.07	6.62	46.84	999.00	285.10	14.20	7.67	47.21	278.30	9.09	11.57	47.72	999.00	-1.81	999.00	-1.57	0.00
21	4	30	9	295.40	12.70	6.05	46.44	999.00	286.40	12.11	7.01	46.94	281.80	8.69	11.80	48.47	999.00	-1.96	999.00	-1.75	0.00
21	4	30	10	297.30	15.86	5.68	46.78	999.00	288.00	15.35	6.52	47.31	283.30	10.24	11.87	48.62	999.00	-1.82	999.00	-1.43	0.00
21	4	30	11	317.90	18.99	6.32	46.73	999.00	310.20	18.00	6.82	47.27	306.40	12.73	12.99	48.67	999.00	-1.96	999.00	-1.39	0.00
21	4	30	12	307.90	18.51	5.47	46.26	999.00	299.00	17.98	6.41	46.81	295.70	12.18	12.30	48.32	999.00	-1.71	999.00	-1.35	0.00
21	4	30	13	307.20	19.64	8.25	46.52	999.00	299.90	19.04	8.95	47.06	295.90	13.13	13.06	48.40	999.00	-2.32	999.00	-1.59	0.00
21	4	30	14	312.60	25.18	7.67	48.12	999.00	305.00	24.94	8.02	48.75	305.70	19.48	12.34	50.94	999.00	-3.00	999.00	-2.53	0.00
21	4	30	15	317.50	27.68	6.13	48.12	999.00	308.80	26.85	6.35	48.75	307.70	19.91	12.43	50.94	999.00	-2.94	999.00	-2.38	0.00
21	4	30	16	314.20	24.63	6.65	50.38	999.00	307.40	24.13	6.92	51.02	306.60	18.66	12.06	53.41	999.00	-3.10	999.00	-2.66	0.00
21	4	30	17	313.40	21.78	7.81	50.93	999.00	306.70	21.57	8.63	51.52	307.20	16.21	12.38	53.88	999.00	-2.84	999.00	-2.38	0.00
21	4	30	18	312.10	22.62	6.27	51.67	999.00	305.50	21.63	7.27	52.24	305.50	15.76	11.17	54.31	999.00	-2.65	999.00	-2.16	0.00
21	4	30	19	311.40	23.17	6.11	52.33	999.00	304.40	21.66	7.05	52.90	303.30	14.61	11.28	54.81	999.00	-2.25	999.00	-1.79	0.00
21	4	30	20	318.50	22.76	5.80	52.58	999.00	311.50	21.45	5.95	53.07	307.10	14.18	9.28	54.40	999.00	-1.33	999.00	-0.99	0.00
21	4	30	21	325.50	22.83	5.35	51.80	999.00	317.90	21.07	6.21	52.20	315.20	13.02	10.97	52.72	999.00	-0.43	999.00	-0.25	0.00
21	4	30	22	342.80	20.24	3.38	51.16	999.00	334.70	19.00	4.46	51.56	337.40	12.80	7.28	51.82	999.00	-0.90	999.00	-0.35	0.00
21	4	30	23	345.10	18.79	4.50	49.88	999.00	336.40	17.88	5.16	50.31	337.30	12.89	8.17	50.74	999.00	-1.02	999.00	-0.60	0.00
21	4	30	24	339.80	20.45	3.99	48.77	999.00	331.30	19.65	4.88	49.22	331.90	13.29	8.28	49.62	999.00	-0.89	999.00	-0.35	0.00
21	5	1	1	341.40	18.36	3.74	47.64	999.00	332.90	17.49	4.18	48.08	333.60	11.61	7.49	48.35	999.00	-0.83	999.00	-0.41	0.00
21	5	1	2	326.90	12.38	5.92	46.89	999.00	317.30	11.47	6.50	47.34	292.30	5.22	18.29	47.68	999.00	0.52	999.00	-0.16	0.00
21	5	1	3	322.60	13.21	4.71	45.99	999.00	313.90	12.37	5.19	46.37	299.10	5.98	12.72	45.31	999.00	0.35	999.00	0.51	0.00
21	5	1	4	332.80	11.11	4.30	45.00	999.00	322.70	10.21	4.56	45.40	264.30	4.28	9.17	44.08	999.00	1.80	999.00	1.79	0.00
21	5	1	5	280.20	6.85	5.92	43.82	999.00	240.20	6.13	7.23	43.46	145.70	2.95	24.36	41.07	999.00	3.42	999.00	1.53	0.00
21	5	1	6	296.20	4.13	7.57	43.05	999.00	267.10	5.95	3.53	42.35	219.10	3.09	10.96	37.84	999.00	5.62	999.00	5.56	0.00
21	5	1	7	289.80	4.07	4.15	42.99	999.00	267.30	5.22	2.57	42.70	193.70	2.07	12.22	38.03	999.00	5.18	999.00	4.75	0.00
21	5	1	8	194.20	2.80	6.00	43.27	999.00	194.90	2.82	6.29	43.55	194.30	2.65	16.43	38.86	999.00	3.22	999.00	4.96	0.00
21	5	1	9	170.60	4.04	16.77	43.59	999.00	172.10	3.97	20.15	43.76	182.10	3.33	20.48	43.07	999.00	-2.32	999.00	1.13	0.00
21	5	1	10	188.00	5.42	15.83	44.52	999.00	181.90	4.87	18.09	45.03	189.40	4.02	33.13	47.92	999.00	-3.41	999.00	-0.96	0.00
21	5	1	11	174.80	8.48	11.43	46.59	999.00	165.40	8.20	11.02	47.19	167.70	4.99	25.57	50.17	999.00	-3.70	999.00	-1.68	0.00
21	5	1	12	180.20	13.02	7.17	48.96	999.00	174.10	12.33	8.62	49.50	174.90	7.66	19.16	52.49	999.00	-3.70	999.00	-1.73	0.00
21	5	1	13	199.60	18.09	7.21	51.78	999.00	193.70	17.30	7.54	52.38	191.40	11.52	18.10	55.39	999.00	-3.20	999.00	-1.92	0.00
21	5	1	14	206.80	18.55	10.99	54.80	999.00	200.90	17.31	11.39	55.41	208.40	12.09	16.49	58.30	999.00	-3.76	999.00	-2.37	0.00
21	5	1	15	203.60	26.24	5.86	57.12	999.00	197.20	24.96	7.24	57.72	202.70	15.37	15.30	60.59	999.00	-3.37	999.00	-2.59	0.00
21	5	1	16	206.00	28.14	5.55	60.10	999.00	200.70	26.29	5.93	60.72	206.20	16.21	14.53	63.43	999.00	-2.85	999.00	-2.10	0.00
21	5	1	17	195.00	29.05	5.94	62.44	999.00	189.30	27.02	7.06	63.00	194.60	14.10	14.03	64.98	999.00	-1.97	999.00	-1.30	0.00
21	5	1	18	208.60	30.52	5.30	63.97	999.00	203.50	28.60	5.81	64.47	208.30	15.59	13.38	65.72	999.00	-1.50	999.00	-0.93	0.00

21	5	1	19	200.40	30.90	5.04	64.62	999.00	193.30	28.63	5.59	65.06	198.50	13.95	15.40	65.93	999.00	-1.13	999.00	-0.76	0.00
21	5	1	20	202.00	33.18	4.71	64.69	999.00	195.40	29.31	5.42	65.04	200.40	15.01	14.13	65.71	999.00	-0.71	999.00	-0.58	0.00
21	5	1	21	210.10	29.76	3.91	65.13	999.00	202.80	26.88	4.87	65.41	206.50	14.63	12.96	65.73	999.00	-0.17	999.00	-0.08	0.00
21	5	1	22	203.70	28.51	3.65	64.53	999.00	194.40	25.16	4.63	64.67	196.70	11.01	15.17	64.53	999.00	0.03	999.00	0.00	0.00
21	5	1	23	206.00	28.94	3.53	63.59	999.00	196.40	25.03	5.00	63.66	200.90	11.47	14.89	63.57	999.00	0.10	999.00	-0.01	0.00
21	5	1	24	212.70	27.87	3.71	63.41	999.00	204.00	24.50	4.56	63.39	205.00	12.32	13.20	63.08	999.00	0.46	999.00	0.31	0.00
21	5	2	1	220.00	29.98	5.48	63.97	999.00	211.70	26.11	6.31	64.00	211.40	14.58	13.16	63.69	999.00	0.00	999.00	0.09	0.00
21	5	2	2	225.30	31.76	4.20	64.00	999.00	217.30	28.46	4.36	64.18	218.30	17.22	10.16	64.13	999.00	-0.21	999.00	0.01	0.00
21	5	2	3	228.30	30.69	4.11	62.99	999.00	220.10	28.25	4.16	63.21	219.60	18.00	9.57	63.25	999.00	-0.35	999.00	-0.13	0.00
21	5	2	4	230.00	29.03	5.01	62.07	999.00	222.70	26.07	4.80	62.30	221.90	16.86	9.26	62.42	999.00	-0.31	999.00	-0.14	0.00
21	5	2	5	235.00	28.03	4.57	61.90	999.00	227.30	25.37	4.06	62.10	227.30	16.10	8.79	62.02	999.00	0.05	999.00	0.19	0.00
21	5	2	6	231.40	27.62	4.49	61.50	999.00	223.10	24.10	4.56	61.64	223.10	14.40	9.60	61.46	999.00	-0.11	999.00	-0.01	0.00
21	5	2	7	230.30	25.31	4.39	61.17	999.00	222.40	22.42	4.13	61.31	220.70	13.20	9.74	61.22	999.00	-0.19	999.00	0.02	0.00
21	5	2	8	230.40	25.06	4.61	61.12	999.00	221.70	22.27	4.84	61.30	219.60	13.61	9.36	61.40	999.00	-0.28	999.00	-0.17	0.00
21	5	2	9	231.40	29.04	4.49	62.61	999.00	224.70	27.72	4.64	62.92	224.20	18.67	9.36	63.54	999.00	-1.61	999.00	-0.77	0.00
21	5	2	10	233.80	25.43	4.66	65.09	999.00	227.80	24.76	4.43	65.53	229.70	17.77	9.07	66.94	999.00	-2.02	999.00	-1.35	0.00
21	5	2	11	230.10	26.38	4.54	67.52	999.00	224.40	25.70	4.49	67.99	225.70	17.53	9.94	69.72	999.00	-2.16	999.00	-1.69	0.00
21	5	2	12	228.70	23.33	6.42	69.96	999.00	223.70	22.64	6.41	70.44	225.30	15.42	11.83	72.46	999.00	-2.57	999.00	-1.95	0.00
21	5	2	13	232.80	27.73	5.98	72.96	999.00	226.90	26.98	5.32	73.49	226.30	19.31	9.36	75.61	999.00	-2.33	999.00	-1.90	0.00
21	5	2	14	223.30	30.12	4.11	74.61	999.00	217.70	29.01	4.78	75.13	217.50	20.09	10.61	77.25	999.00	-2.64	999.00	-1.89	0.00
21	5	2	15	229.50	27.26	9.73	999.00	999.00	223.00	25.59	10.36	999.00	227.40	17.80	12.70	78.10	999.00	-2.15	999.00	-1.51	0.00
21	5	2	16	223.10	24.86	8.22	76.56	999.00	216.70	23.42	8.40	77.07	221.50	17.20	11.15	78.94	999.00	-2.42	999.00	-1.49	0.00
21	5	2	17	226.80	29.37	7.68	77.20	999.00	220.80	28.04	7.85	77.69	222.00	17.94	12.86	79.29	999.00	-1.69	999.00	-1.16	0.00
21	5	2	18	221.50	30.16	4.77	77.61	999.00	215.40	28.10	5.43	78.07	218.00	18.37	11.00	79.05	999.00	-1.51	999.00	-0.66	0.00
21	5	2	19	224.10	27.88	4.56	77.06	999.00	217.10	25.93	5.06	77.50	218.50	17.84	9.68	78.36	999.00	-1.04	999.00	-0.56	0.00
21	5	2	20	221.60	20.95	3.16	75.86	999.00	215.30	18.56	3.88	76.18	214.80	9.75	10.99	76.39	999.00	0.06	999.00	0.17	0.00
21	5	2	21	213.20	19.74	2.87	74.25	999.00	206.60	17.02	3.74	74.38	201.20	7.04	12.49	73.83	999.00	0.72	999.00	0.64	0.00
21	5	2	22	220.20	22.56	3.79	72.68	999.00	214.00	19.68	4.65	72.75	213.30	10.00	12.17	72.07	999.00	0.10	999.00	0.34	0.00
21	5	2	23	221.00	26.25	5.03	70.79	999.00	213.60	23.21	5.98	70.94	213.70	12.86	12.42	70.79	999.00	-0.54	999.00	-0.16	0.00
21	5	2	24	229.30	28.55	4.72	68.50	999.00	221.20	26.41	4.72	68.83	220.70	16.73	9.81	69.21	999.00	-0.78	999.00	-0.44	0.00
21	5	3	1	219.80	25.26	4.04	66.29	999.00	213.30	22.58	4.72	66.61	214.70	12.33	12.06	67.00	999.00	-0.72	999.00	-0.40	0.00
21	5	3	2	211.50	23.10	4.79	64.67	999.00	204.10	20.56	5.69	65.01	205.30	10.70	14.30	65.46	999.00	-0.79	999.00	-0.41	0.00
21	5	3	3	209.30	23.19	5.19	63.26	999.00	200.80	20.98	6.25	63.63	204.60	11.17	14.82	64.24	999.00	-1.11	999.00	-0.72	0.00
21	5	3	4	205.30	20.21	5.06	61.28	999.00	198.10	17.68	5.59	61.44	197.50	8.23	14.57	61.70	999.00	-0.18	999.00	0.17	0.00
21	5	3	5	207.20	15.05	3.77	59.06	999.00	201.80	13.00	4.14	59.27	201.20	6.11	12.94	59.26	999.00	-0.63	999.00	-0.28	0.02
21	5	3	6	190.50	10.52	4.34	56.55	999.00	183.00	9.12	4.75	56.92	181.50	3.57	15.31	56.92	999.00	-0.48	999.00	-0.17	0.02
21	5	3	7	153.00	10.55	5.02	54.98	999.00	145.70	9.18	6.59	55.66	132.20	4.35	15.92	55.93	999.00	-1.35	999.00	-0.70	0.04
21	5	3	8	133.10	10.00	5.96	54.51	999.00	123.10	8.71	6.75	55.31	124.90	4.32	15.44	55.90	999.00	-1.42	999.00	-1.39	0.02
21	5	3	9	122.40	13.02	3.73	54.60	999.00	107.90	11.63	3.84	55.22	102.40	5.39	15.61	56.00	999.00	-1.26	999.00	-1.38	0.01
21	5	3	10	133.10	11.73	6.95	54.90	999.00	116.90	10.65	7.43	55.35	107.30	5.45	15.64	56.21	999.00	-1.30	999.00	-1.46	0.02
21	5	3	11	143.70	11.25	7.28	55.80	999.00	134.60	9.83	8.75	56.31	138.00	5.27	15.31	57.23	999.00	-1.75	999.00	-1.63	0.00
21	5	3	12	154.60	11.08	8.23	56.86	999.00	147.90	9.85	8.54	57.50	143.50	5.48	17.58	58.66	999.00	-2.13	999.00	-1.94	0.00
21	5	3	13	163.30	11.96	7.02	58.87	999.00	156.60	11.30	8.17	59.32	157.90	5.58	21.60	60.83	999.00	-1.71	999.00	-1.93	0.00
21	5	3	14	167.50	9.18	6.43	59.44	999.00	162.70	8.65	6.31	60.08	167.50	4.77	18.58	61.23	999.00	-1.90	999.00	-1.82	0.00
21	5	3	15	202.30	7.17	8.77	59.99	999.00	198.30	6.63	9.78	60.74	209.00	4.58	16.85	61.75	999.00	-1.98	999.00	-1.85	0.00
21	5	3	16	227.90	2.27	27.59	60.33	999.00	307.10	0.83	88.60	61.11	57.41	3.89	16.71	61.57	999.00	0.31	999.00	0.08	0.00

21	5	3	17	15.60	2.81	9.98	60.14	999.00	32.29	3.17	7.42	60.34	75.40	3.92	14.21	58.48	999.00	2.00	999.00	1.27	0.00
21	5	3	18	338.40	2.92	8.46	59.93	999.00	24.19	2.66	6.43	60.34	71.50	2.38	12.42	58.88	999.00	1.28	999.00	0.29	0.00
21	5	3	19	343.20	4.43	6.22	59.77	999.00	355.90	3.68	3.56	59.96	49.14	2.37	21.21	58.58	999.00	0.90	999.00	0.99	0.00
21	5	3	20	316.30	4.38	3.77	59.43	999.00	322.90	2.93	5.83	59.76	142.90	1.41	21.15	58.53	999.00	0.92	999.00	0.92	0.00
21	5	3	21	258.50	3.71	6.11	59.17	999.00	220.90	3.28	6.09	59.48	201.70	1.08	21.25	58.76	999.00	-0.27	999.00	-0.06	0.00
21	5	3	22	244.90	6.29	2.17	58.78	999.00	231.10	5.94	2.71	59.31	241.10	2.31	8.23	59.35	999.00	-0.63	999.00	-0.30	0.00
21	5	3	23	227.40	9.64	2.59	59.41	999.00	212.90	7.36	2.99	59.80	189.60	2.00	17.28	59.82	999.00	0.09	999.00	-0.07	0.00
21	5	3	24	215.80	9.18	5.73	60.37	999.00	195.10	7.90	4.22	60.67	140.20	2.72	8.90	60.06	999.00	0.44	999.00	0.81	0.00
21	5	4	1	216.70	13.09	3.07	60.73	999.00	197.80	10.69	3.33	60.84	175.80	3.22	13.47	60.40	999.00	1.64	999.00	0.32	0.00
21	5	4	2	219.40	16.41	4.21	62.33	999.00	205.90	13.16	2.26	61.55	204.00	4.30	14.16	60.69	999.00	1.40	999.00	0.86	0.00
21	5	4	3	203.10	15.33	2.77	62.33	999.00	191.60	12.43	3.57	61.55	184.00	5.11	10.65	60.69	999.00	0.00	999.00	0.23	0.00
21	5	4	4	195.60	18.50	2.53	61.34	999.00	185.10	14.57	3.33	61.28	181.80	4.96	12.64	60.75	999.00	0.93	999.00	0.66	0.00
21	5	4	5	191.20	18.41	3.17	61.16	999.00	181.60	15.29	3.64	61.24	179.50	6.24	14.40	60.81	999.00	-0.43	999.00	0.18	0.00
21	5	4	6	207.70	15.89	4.30	60.63	999.00	200.00	13.25	5.21	61.23	190.60	5.72	15.77	61.40	999.00	-0.73	999.00	-0.69	0.00
21	5	4	7	204.30	16.10	2.48	61.29	999.00	197.80	13.11	3.38	61.55	196.70	4.79	14.44	61.29	999.00	0.39	999.00	-0.28	0.00
21	5	4	8	234.70	15.60	4.71	62.07	999.00	225.70	13.97	4.17	62.29	223.90	8.54	10.97	61.81	999.00	0.01	999.00	-0.13	0.00
21	5	4	9	246.40	14.34	6.22	62.51	999.00	237.30	13.31	6.86	63.05	234.40	8.96	10.96	63.43	999.00	-1.81	999.00	-1.72	0.00
21	5	4	10	263.20	14.76	6.51	63.15	999.00	254.60	14.18	7.83	63.70	254.50	9.93	12.10	65.31	999.00	-2.33	999.00	-2.78	0.00
21	5	4	11	274.90	14.20	8.21	63.39	999.00	269.70	13.84	9.40	64.04	271.30	11.09	11.32	65.68	999.00	-1.59	999.00	-3.15	0.00
21	5	4	12	264.60	14.26	7.03	62.78	999.00	258.00	13.98	7.86	63.43	253.30	10.33	11.40	64.57	999.00	-2.72	999.00	-1.56	0.00
21	5	4	13	244.20	11.64	6.62	60.84	999.00	235.20	11.42	6.21	61.51	233.70	8.98	13.03	63.73	999.00	-3.31	999.00	-2.46	0.00
21	5	4	14	241.20	15.53	4.04	60.97	999.00	234.60	15.07	4.88	61.63	233.40	12.17	9.82	64.25	999.00	-3.43	999.00	-2.45	0.00
21	5	4	15	273.40	15.39	6.04	62.43	999.00	267.70	15.03	7.63	63.07	267.00	12.07	10.38	65.49	999.00	-2.45	999.00	-2.00	0.00
21	5	4	16	313.40	17.08	6.09	62.43	999.00	308.60	15.66	6.82	63.07	307.90	11.80	11.83	65.49	999.00	-2.09	999.00	-1.66	0.00
21	5	4	17	313.00	15.71	5.82	59.45	999.00	306.30	14.26	6.43	59.94	305.20	9.59	10.91	61.43	999.00	-1.87	999.00	-1.40	0.00
21	5	4	18	311.00	17.06	4.25	59.35	999.00	304.10	15.36	5.91	59.70	301.90	8.77	12.09	60.94	999.00	-1.22	999.00	-0.97	0.00
21	5	4	19	316.70	21.08	5.21	58.87	999.00	309.50	19.38	6.45	59.28	307.70	12.67	10.75	60.39	999.00	-1.69	999.00	-1.09	0.00
21	5	4	20	308.60	21.11	4.72	57.06	999.00	300.60	19.36	5.82	57.52	301.70	11.92	11.97	58.62	999.00	-1.62	999.00	-1.06	0.00
21	5	4	21	312.20	19.20	5.36	55.26	999.00	304.50	18.12	5.75	55.76	302.60	12.04	9.93	56.80	999.00	-1.53	999.00	-1.02	0.00
21	5	4	22	320.90	14.83	4.50	53.98	999.00	310.00	13.47	5.40	54.46	303.30	8.47	9.92	55.41	999.00	-1.29	999.00	-0.89	0.00
21	5	4	23	325.30	15.19	4.36	54.05	999.00	316.10	13.65	5.77	54.45	309.30	8.65	11.01	55.25	999.00	-1.23	999.00	-0.80	0.00
21	5	4	24	331.90	16.73	4.16	53.98	999.00	322.20	14.87	4.89	54.37	318.80	9.04	9.76	55.22	999.00	-1.25	999.00	-0.89	0.00
21	5	5	1	324.90	14.00	5.62	53.44	999.00	315.20	12.61	6.07	53.88	310.00	7.99	10.39	54.79	999.00	-1.39	999.00	-0.96	0.00
21	5	5	2	54.38	8.93	10.52	51.83	999.00	44.44	8.60	9.75	52.41	42.14	7.52	13.75	53.61	999.00	-2.12	999.00	-1.22	0.00
21	5	5	3	48.35	8.03	9.53	49.58	999.00	41.21	7.72	9.18	50.26	48.18	6.47	13.28	51.52	999.00	-1.81	999.00	-1.23	0.01
21	5	5	4	42.54	7.98	7.09	48.70	999.00	37.05	6.94	5.42	49.38	44.87	6.21	14.65	50.58	999.00	-1.65	999.00	-1.17	0.01
21	5	5	5	340.30	16.47	4.72	47.63	999.00	331.30	15.82	5.02	48.30	332.80	10.70	8.69	49.07	999.00	-0.72	999.00	-1.28	0.01
21	5	5	6	338.70	19.47	4.06	47.49	999.00	329.60	18.98	4.73	48.01	329.50	13.47	9.44	47.55	999.00	-0.01	999.00	-0.32	0.00
21	5	5	7	331.80	21.46	5.53	47.16	999.00	323.50	21.05	5.45	47.65	323.40	15.51	10.56	47.85	999.00	-1.11	999.00	-0.63	0.00
21	5	5	8	330.60	20.52	4.71	46.25	999.00	321.50	19.95	4.93	46.75	318.90	13.86	10.16	47.30	999.00	-1.13	999.00	-0.99	0.00
21	5	5	9	323.00	17.69	7.58	45.36	999.00	312.70	17.41	7.56	45.88	311.10	12.41	12.82	45.99	999.00	-0.50	999.00	-1.58	0.00
21	5	5	10	318.80	19.43	6.23	44.48	999.00	309.00	19.06	6.12	45.04	306.30	14.44	11.96	46.26	999.00	-2.22	999.00	-2.27	0.00
21	5	5	11	315.60	17.74	7.88	43.22	999.00	306.70	17.10	8.32	43.80	305.60	12.43	12.81	45.77	999.00	-2.71	999.00	-2.42	0.00
21	5	5	12	317.80	15.25	9.20	43.01	999.00	309.90	15.10	9.65	43.58	309.30	11.12	14.74	45.51	999.00	-2.27	999.00	-1.80	0.00
21	5	5	13	328.50	15.35	9.89	43.74	999.00	320.70	14.95	9.80	44.28	321.80	10.97	13.59	46.00	999.00	-2.25	999.00	-1.92	0.00
21	5	5	14	320.80	14.92	7.40	44.49	999.00	312.10	14.75	8.25	45.05	311.60	11.33	11.95	46.74	999.00	-2.35	999.00	-1.99	0.00

21	5	5	15	331.90	10.48	9.32	45.30	999.00	321.60	10.86	8.81	45.84	318.00	8.88	14.43	47.97	999.00	-2.92	999.00	-2.34	0.00
21	5	5	16	316.80	4.81	14.34	46.14	999.00	307.20	4.47	22.35	46.67	298.50	3.81	22.17	49.11	999.00	-2.73	999.00	-2.15	0.00
21	5	5	17	298.50	8.17	10.95	48.10	999.00	292.90	7.95	10.63	48.65	293.60	6.62	18.89	51.03	999.00	-2.61	999.00	-2.07	0.00
21	5	5	18	313.60	9.36	8.37	49.87	999.00	306.20	9.19	9.61	50.42	303.20	7.08	14.73	52.52	999.00	-2.45	999.00	-2.12	0.00
21	5	5	19	333.10	10.60	7.95	50.90	999.00	325.80	10.28	8.23	51.43	321.80	8.01	14.16	53.64	999.00	-2.80	999.00	-1.87	0.00
21	5	5	20	352.70	8.20	6.41	50.90	999.00	345.10	7.74	6.76	51.43	345.80	5.59	9.74	53.32	999.00	-2.15	999.00	-1.05	0.00
21	5	5	21	8.45	3.17	20.17	50.88	999.00	1.67	2.54	21.84	51.35	178.70	0.94	55.98	52.25	999.00	-0.23	999.00	-0.39	0.00
21	5	5	22	116.50	0.79	50.35	50.88	999.00	107.80	1.10	49.13	51.35	167.60	2.00	12.61	52.25	999.00	-0.13	999.00	-0.88	0.00
21	5	5	23	191.60	3.65	6.00	50.56	999.00	179.30	3.73	3.02	50.95	199.00	2.53	16.07	48.78	999.00	2.37	999.00	1.65	0.00
21	5	5	24	214.10	8.60	3.07	50.27	999.00	205.60	9.21	1.88	50.51	195.00	3.36	9.86	47.46	999.00	3.61	999.00	3.46	0.00
21	5	6	1	226.70	7.98	1.42	50.18	999.00	214.90	8.24	2.54	49.68	154.50	0.50	72.80	45.77	999.00	5.10	999.00	3.95	0.00
21	5	6	2	247.50	11.14	2.19	49.93	999.00	232.80	9.57	4.20	48.65	269.60	1.51	25.62	44.90	999.00	5.62	999.00	3.50	0.00
21	5	6	3	296.50	16.17	3.86	49.01	999.00	290.30	15.04	2.16	47.64	265.90	5.47	8.17	43.70	999.00	4.97	999.00	3.79	0.00
21	5	6	4	353.10	10.04	6.21	48.64	999.00	339.90	9.13	10.53	48.79	111.20	1.14	77.50	44.71	999.00	2.98	999.00	3.61	0.00
21	5	6	5	13.36	4.22	12.51	48.09	999.00	1.87	3.95	11.87	48.38	283.80	2.10	30.18	46.12	999.00	0.89	999.00	1.02	0.00
21	5	6	6	29.30	8.76	5.37	47.78	999.00	20.31	7.55	6.53	48.16	9.17	4.55	18.80	46.96	999.00	-0.57	999.00	0.10	0.00
21	5	6	7	54.31	7.88	8.53	47.20	999.00	44.97	7.62	6.71	47.70	54.02	6.14	11.50	48.47	999.00	-1.36	999.00	-0.92	0.00
21	5	6	8	92.50	13.08	6.43	47.09	999.00	80.90	12.66	6.47	47.60	84.80	7.36	15.11	48.60	999.00	-1.89	999.00	-1.07	0.00
21	5	6	9	116.60	9.64	5.77	47.63	999.00	106.00	9.46	5.04	48.18	110.90	6.14	15.95	50.10	999.00	-2.30	999.00	-1.65	0.00
21	5	6	10	142.80	7.28	15.25	48.24	999.00	133.60	7.07	17.37	48.80	143.40	5.38	24.92	51.16	999.00	-3.13	999.00	-1.47	0.00
21	5	6	11	163.80	6.43	22.97	48.24	999.00	156.80	6.08	24.26	48.80	155.50	4.98	36.17	51.16	999.00	-3.35	999.00	-1.14	0.02
21	5	6	12	124.80	5.82	24.42	51.20	999.00	118.90	5.60	24.97	51.82	123.70	4.36	31.38	54.76	999.00	-3.51	999.00	-1.52	0.00
21	5	6	13	84.40	9.35	6.92	51.79	999.00	73.00	9.39	7.85	52.42	73.30	7.49	13.19	54.99	999.00	-2.48	999.00	-1.62	0.00
21	5	6	14	73.30	7.06	10.47	51.43	999.00	60.83	7.24	9.64	52.00	52.08	7.37	14.09	53.95	999.00	-2.43	999.00	-1.61	0.00
21	5	6	15	69.45	9.33	7.96	51.53	999.00	57.28	9.16	8.72	52.02	58.19	8.40	12.63	53.74	999.00	-2.31	999.00	-1.35	0.00
21	5	6	16	90.60	11.72	5.96	51.11	999.00	81.60	11.35	10.05	51.66	84.10	7.72	13.31	53.21	999.00	-2.04	999.00	-1.46	0.00
21	5	6	17	78.50	8.42	9.80	49.99	999.00	66.84	7.95	11.12	50.52	59.63	5.38	16.32	51.82	999.00	-1.63	999.00	-1.29	0.01
21	5	6	18	67.88	2.30	13.71	48.13	999.00	59.39	2.64	15.25	48.58	97.90	1.88	43.60	48.89	999.00	0.12	999.00	-1.16	0.05
21	5	6	19	59.23	7.91	4.53	46.31	999.00	49.79	7.87	3.08	46.74	56.40	6.47	8.74	46.42	999.00	-0.35	999.00	-0.43	0.07
21	5	6	20	90.90	10.47	6.21	45.04	999.00	80.70	9.54	8.68	45.54	91.80	5.54	19.75	45.81	999.00	-0.90	999.00	-0.83	0.03
21	5	6	21	107.10	11.54	5.61	44.57	999.00	97.10	10.98	7.87	45.08	101.20	6.28	16.05	45.30	999.00	-0.69	999.00	-0.73	0.00
21	5	6	22	114.80	12.30	4.97	44.61	999.00	104.60	11.77	6.03	45.12	107.00	7.11	15.10	45.24	999.00	-0.64	999.00	-0.77	0.00
21	5	6	23	123.50	10.49	4.70	44.36	999.00	115.90	10.44	6.87	44.91	127.90	6.31	15.51	45.23	999.00	-0.86	999.00	-1.11	0.00
21	5	6	24	122.10	5.50	7.63	44.00	999.00	121.70	5.42	7.00	44.52	136.00	3.73	13.01	44.93	999.00	-0.72	999.00	-1.14	0.00
21	5	7	1	153.50	3.00	17.59	44.10	999.00	168.20	2.49	21.87	44.59	246.20	2.15	18.47	44.85	999.00	-0.55	999.00	-1.01	0.00
21	5	7	2	126.60	1.24	79.60	44.55	999.00	208.30	1.23	41.09	45.06	246.10	2.18	27.06	45.11	999.00	-0.56	999.00	-0.80	0.00
21	5	7	3	25.55	7.31	12.34	44.73	999.00	15.24	6.66	11.01	45.21	7.89	5.31	15.19	45.42	999.00	-0.95	999.00	-0.99	0.07
21	5	7	4	29.83	19.46	3.70	44.00	999.00	21.53	16.44	5.62	44.48	21.60	13.87	9.50	45.20	999.00	-1.23	999.00	-1.31	0.04
21	5	7	5	31.16	17.63	5.68	43.74	999.00	22.92	15.26	7.54	44.09	19.52	12.92	9.20	44.88	999.00	-1.01	999.00	-1.35	0.00
21	5	7	6	20.85	17.22	8.08	44.05	999.00	13.43	15.89	9.37	44.44	9.27	12.27	9.86	44.78	999.00	-1.03	999.00	-0.99	0.00
21	5	7	7	6.60	13.46	11.71	43.15	999.00	359.10	13.46	11.81	43.71	354.10	11.34	10.45	44.29	999.00	-1.15	999.00	-1.47	0.00
21	5	7	8	355.80	13.34	4.75	42.78	999.00	346.70	12.92	4.53	43.26	344.50	9.85	8.37	44.02	999.00	-1.56	999.00	-1.45	0.00
21	5	7	9	5.20	11.16	13.41	43.02	999.00	353.60	10.89	14.01	43.53	348.90	9.19	13.83	44.85	999.00	-2.27	999.00	-1.73	0.00
21	5	7	10	354.50	6.89	12.52	44.18	999.00	342.20	6.41	17.69	44.57	333.60	5.15	27.09	47.39	999.00	-3.76	999.00	-4.00	0.00
21	5	7	11	338.00	6.63	20.77	44.27	999.00	331.30	6.62	17.86	45.29	334.80	5.74	22.37	46.76	999.00	-1.54	999.00	-1.18	0.00
21	5	7	12	329.50	6.14	22.94	44.68	999.00	325.30	6.49	21.14	44.97	330.30	5.74	24.49	47.55	999.00	-3.70	999.00	-2.16	0.00

21	5	7	13	60.06	5.44	20.87	46.65	999.00	50.00	5.48	16.09	47.19	39.54	6.12	22.85	50.21	999.00	-3.08	999.00	-0.46	0.00
21	5	7	14	92.60	8.11	11.32	46.65	999.00	83.30	8.21	12.48	47.19	83.90	6.80	20.44	50.21	999.00	-3.47	999.00	-1.83	0.00
21	5	7	15	103.00	9.47	8.77	48.16	999.00	90.40	9.88	11.23	48.84	84.10	7.56	15.03	51.20	999.00	-2.32	999.00	-1.86	0.00
21	5	7	16	16.97	5.04	37.62	48.98	999.00	13.71	4.77	34.44	49.47	7.76	5.33	35.26	50.87	999.00	-2.03	999.00	-1.08	0.01
21	5	7	17	319.60	13.03	13.60	48.35	999.00	315.90	10.50	15.60	48.86	326.60	6.34	23.50	50.69	999.00	-1.53	999.00	-1.53	0.08
21	5	7	18	151.80	7.62	7.88	48.79	999.00	143.10	7.66	7.65	48.97	141.00	4.90	20.52	50.36	999.00	-1.53	999.00	-2.00	0.03
21	5	7	19	153.50	11.36	5.88	47.62	999.00	145.50	10.33	6.50	48.02	147.40	6.72	17.52	48.65	999.00	-2.28	999.00	-1.95	0.01
21	5	7	20	168.90	13.13	3.14	47.67	999.00	162.50	11.65	4.22	48.13	172.40	5.74	17.42	49.44	999.00	-1.57	999.00	-0.68	0.00
21	5	7	21	179.60	17.87	5.13	48.21	999.00	171.90	15.87	3.80	48.31	180.30	7.47	16.18	48.46	999.00	0.78	999.00	0.07	0.00
21	5	7	22	246.60	14.80	15.42	49.37	999.00	231.90	13.59	12.92	49.09	218.90	8.28	11.07	48.01	999.00	1.03	999.00	0.94	0.00
21	5	7	23	355.70	10.23	10.99	49.27	999.00	350.20	9.78	9.96	49.54	4.63	7.05	12.84	48.69	999.00	-0.66	999.00	0.06	0.00
21	5	7	24	342.40	29.75	7.87	47.24	999.00	333.10	28.69	8.75	47.75	335.30	21.81	11.57	48.00	999.00	-1.40	999.00	-1.44	0.03
21	5	8	1	337.80	25.46	3.62	42.45	999.00	328.70	24.80	4.54	42.99	332.40	18.16	8.18	43.09	999.00	-0.48	999.00	0.50	0.01
21	5	8	2	330.10	27.63	5.42	42.36	999.00	319.90	26.46	5.93	42.71	316.80	18.32	11.54	42.89	999.00	-0.65	999.00	-0.22	0.00
21	5	8	3	335.80	27.35	4.68	41.13	999.00	326.70	26.42	4.98	41.56	327.10	18.70	9.39	41.99	999.00	-1.03	999.00	-0.25	0.00
21	5	8	4	335.20	21.11	6.69	40.46	999.00	325.50	20.03	6.76	40.97	323.70	14.00	11.42	41.18	999.00	-0.44	999.00	-0.46	0.00
21	5	8	5	336.10	22.16	6.78	40.68	999.00	327.00	21.57	6.90	41.18	327.60	15.18	10.92	41.66	999.00	-1.61	999.00	-0.52	0.00
21	5	8	6	327.10	18.90	7.17	40.92	999.00	316.50	17.98	6.49	41.42	312.80	12.71	11.17	42.52	999.00	-1.54	999.00	-0.93	0.00
21	5	8	7	337.40	18.15	5.43	40.80	999.00	326.90	17.28	6.28	41.30	325.80	12.57	9.46	42.36	999.00	-1.60	999.00	-1.10	0.00
21	5	8	8	334.90	17.01	6.26	40.68	999.00	325.00	16.33	7.99	41.18	325.70	11.41	11.31	42.45	999.00	-2.11	999.00	-1.70	0.00
21	5	8	9	313.90	15.11	9.85	40.72	999.00	305.80	14.90	9.63	41.24	305.70	11.58	14.78	42.91	999.00	-2.21	999.00	-1.97	0.00
21	5	8	10	303.50	16.09	10.20	40.72	999.00	294.40	15.76	11.52	41.24	290.20	11.90	18.30	42.91	999.00	-2.82	999.00	-2.50	0.00
21	5	8	11	309.20	15.55	7.78	40.83	999.00	301.40	15.24	7.80	41.41	299.30	11.92	14.31	43.66	999.00	-2.92	999.00	-3.00	0.00
21	5	8	12	312.60	14.31	6.61	42.63	999.00	304.90	14.32	8.70	43.20	306.70	11.43	14.27	45.65	999.00	-3.09	999.00	-2.90	0.00
21	5	8	13	315.60	14.43	9.42	42.63	999.00	307.40	14.03	10.78	43.20	311.40	11.11	15.45	45.65	999.00	-3.36	999.00	-3.01	0.00
21	5	8	14	332.00	14.51	6.52	45.92	999.00	325.50	14.45	6.62	46.44	334.90	12.56	9.14	49.15	999.00	-3.23	999.00	-2.02	0.00
21	5	8	15	331.10	11.61	8.12	47.39	999.00	325.10	11.30	9.16	47.91	330.40	9.71	12.31	50.81	999.00	-3.44	999.00	-1.70	0.00
21	5	8	16	339.40	10.19	9.34	49.06	999.00	332.70	9.90	10.32	49.58	335.60	8.77	14.48	52.60	999.00	-3.55	999.00	-1.47	0.00
21	5	8	17	341.80	6.46	17.74	49.93	999.00	339.70	6.43	16.70	50.45	348.50	5.59	20.83	53.37	999.00	-2.96	999.00	-1.27	0.00
21	5	8	18	48.59	3.16	56.78	51.01	999.00	38.74	3.28	45.67	51.51	357.50	2.74	60.55	54.46	999.00	-3.89	999.00	-1.14	0.00
21	5	8	19	105.40	6.98	9.20	50.88	999.00	97.10	7.36	8.95	51.45	101.30	5.44	14.08	53.65	999.00	-2.18	999.00	-1.79	0.00
21	5	8	20	142.30	10.11	2.22	50.31	999.00	137.40	9.36	3.62	50.77	142.40	3.89	19.79	51.97	999.00	-1.18	999.00	-0.90	0.00
21	5	8	21	152.50	11.87	2.12	50.39	999.00	146.40	10.87	2.66	50.70	158.20	3.32	17.63	51.18	999.00	0.08	999.00	-0.11	0.00
21	5	8	22	149.10	16.06	2.90	50.60	999.00	143.50	13.91	4.35	50.79	143.10	4.54	18.30	50.52	999.00	-0.50	999.00	0.03	0.00
21	5	8	23	143.80	15.51	4.07	49.55	999.00	137.60	13.21	5.48	49.79	137.50	6.13	16.61	50.41	999.00	-0.99	999.00	-0.72	0.00
21	5	8	24	152.70	16.06	2.36	49.21	999.00	146.30	13.42	4.42	49.49	150.30	5.82	15.82	50.21	999.00	-0.94	999.00	-0.79	0.00
21	5	9	1	162.30	14.31	3.02	48.83	999.00	155.20	12.20	3.53	49.05	161.20	4.82	18.67	49.74	999.00	-0.77	999.00	-0.66	0.00
21	5	9	2	166.50	15.06	1.75	48.44	999.00	160.70	12.67	2.79	48.62	166.10	4.52	19.25	49.09	999.00	-0.47	999.00	-0.51	0.00
21	5	9	3	167.20	14.05	2.42	48.28	999.00	159.30	11.74	3.43	48.37	163.80	4.05	18.67	48.80	999.00	-0.61	999.00	-0.61	0.00
21	5	9	4	210.30	17.04	5.95	48.28	999.00	203.40	15.41	6.16	48.37	203.40	8.12	14.76	48.80	999.00	-1.57	999.00	-1.09	0.00
21	5	9	5	214.90	12.20	6.04	45.43	999.00	208.00	10.56	7.79	45.92	208.30	6.43	13.21	46.93	999.00	-1.47	999.00	-1.01	0.00
21	5	9	6	208.10	10.22	5.06	44.31	999.00	201.90	9.41	6.99	44.80	197.70	5.22	16.07	45.85	999.00	-1.61	999.00	-1.09	0.00
21	5	9	7	179.40	5.64	9.71	43.42	999.00	173.30	5.04	13.95	43.95	180.40	2.98	24.18	45.04	999.00	-1.65	999.00	-1.14	0.00
21	5	9	8	171.50	9.73	5.66	42.87	999.00	166.30	8.70	7.06	43.45	175.90	4.98	15.00	44.65	999.00	-1.82	999.00	-1.28	0.06
21	5	9	9	153.30	14.55	7.59	41.42	999.00	147.50	13.33	8.53	41.98	147.40	6.27	21.75	42.83	999.00	-1.13	999.00	-1.16	0.13
21	5	9	10	128.20	21.61	6.48	39.84	999.00	120.20	20.98	8.02	40.09	126.00	9.27	15.92	40.85	999.00	-0.87	999.00	-1.03	0.10

21	5	9	11	124.90	19.85	9.28	38.94	999.00	116.70	17.83	11.30	39.39	123.90	9.72	18.91	40.26	999.00	-1.55	999.00	-1.26	0.18
21	5	9	12	108.40	25.32	5.85	37.96	999.00	96.50	24.19	7.94	38.66	101.90	12.55	16.49	39.45	999.00	-1.44	999.00	-1.31	0.13
21	5	9	13	103.40	25.47	6.58	37.65	999.00	92.10	24.62	8.06	38.43	98.90	13.37	15.59	39.26	999.00	-1.66	999.00	-1.34	0.07
21	5	9	14	81.50	28.87	5.01	37.91	999.00	69.03	28.09	5.39	38.74	70.70	16.30	13.56	39.58	999.00	-1.57	999.00	-1.38	0.08
21	5	9	15	73.30	25.94	5.44	38.21	999.00	61.18	26.07	5.80	38.95	64.22	18.25	10.73	39.72	999.00	-1.41	999.00	-1.12	0.06
21	5	9	16	70.20	27.22	6.07	38.49	999.00	58.93	26.51	6.37	39.20	62.86	17.53	11.76	39.90	999.00	-1.34	999.00	-0.99	0.03
21	5	9	17	56.97	23.89	6.43	39.51	999.00	46.15	22.64	6.16	40.24	50.23	17.47	10.42	40.86	999.00	-1.37	999.00	-1.00	0.02
21	5	9	18	56.58	25.24	6.65	40.27	999.00	45.85	23.69	6.20	40.96	50.67	18.53	11.76	41.42	999.00	-0.96	999.00	-1.18	0.00
21	5	9	19	65.63	22.34	6.23	40.83	999.00	53.65	21.21	6.47	41.59	57.93	14.90	12.75	41.79	999.00	-0.67	999.00	-0.42	0.00
21	5	9	20	47.38	18.00	8.36	40.83	999.00	38.55	15.23	8.13	41.59	38.69	13.74	14.18	41.79	999.00	-0.50	999.00	-0.64	0.00
21	5	9	21	39.44	11.28	10.71	42.97	999.00	30.30	9.44	9.69	43.14	31.14	9.37	14.04	43.55	999.00	-0.74	999.00	-1.54	0.00
21	5	9	22	22.55	8.81	12.66	43.18	999.00	13.62	7.76	12.10	43.22	8.32	6.02	13.00	43.79	999.00	-0.39	999.00	-1.43	0.00
21	5	9	23	342.50	9.42	5.76	43.35	999.00	332.90	9.10	7.16	43.30	320.80	4.45	8.06	43.36	999.00	0.75	999.00	-0.53	0.00
21	5	9	24	321.90	9.34	3.23	44.02	999.00	304.60	8.10	7.96	44.04	248.20	4.11	6.95	43.13	999.00	1.50	999.00	1.25	0.00
21	5	10	1	298.50	12.86	1.59	43.86	999.00	280.90	13.48	1.57	43.85	254.90	5.16	7.31	41.24	999.00	2.81	999.00	2.71	0.00
21	5	10	2	304.70	12.43	4.77	42.98	999.00	283.60	10.78	4.56	42.87	192.80	2.03	69.39	39.72	999.00	3.62	999.00	2.88	0.00
21	5	10	3	270.40	14.33	4.16	42.13	999.00	246.20	10.80	6.20	41.47	213.90	4.84	11.50	39.65	999.00	1.30	999.00	0.06	0.00
21	5	10	4	293.50	15.12	2.63	40.62	999.00	264.50	12.66	3.88	39.86	240.80	5.22	6.99	39.04	999.00	2.41	999.00	0.30	0.00
21	5	10	5	305.90	10.95	2.23	41.96	999.00	270.50	11.16	4.89	40.29	237.00	4.72	6.13	38.39	999.00	3.76	999.00	2.01	0.00
21	5	10	6	309.80	13.01	2.22	42.30	999.00	285.00	11.37	4.52	40.71	240.50	4.45	6.60	38.30	999.00	4.32	999.00	2.78	0.00
21	5	10	7	321.30	13.13	1.86	42.02	999.00	298.50	12.32	4.30	40.36	260.80	3.12	11.00	37.56	999.00	5.02	999.00	3.11	0.00
21	5	10	8	325.20	13.45	3.53	42.56	999.00	316.40	12.56	3.89	42.16	279.60	4.55	17.79	38.40	999.00	2.17	999.00	3.16	0.00
21	5	10	9	320.40	11.32	6.11	42.92	999.00	311.00	11.44	6.45	43.41	307.80	8.95	10.33	44.48	999.00	-2.44	999.00	-2.14	0.00
21	5	10	10	320.20	11.44	6.62	43.18	999.00	311.80	11.34	6.00	43.68	305.80	9.37	10.53	45.69	999.00	-2.44	999.00	-0.01	0.00
21	5	10	11	321.80	10.58	8.95	44.28	999.00	316.60	10.62	9.32	44.83	319.10	8.85	15.08	47.04	999.00	-2.88	999.00	-0.01	0.00
21	5	10	12	310.10	9.27	11.10	45.88	999.00	307.10	9.40	11.67	46.42	313.60	8.16	17.80	48.89	999.00	-3.05	999.00	-0.01	0.00
21	5	10	13	311.60	9.69	11.55	47.51	999.00	308.50	9.98	12.97	48.06	307.70	7.70	17.24	50.70	999.00	-3.17	999.00	0.43	0.00
21	5	10	14	325.90	11.02	6.94	48.81	999.00	320.20	11.11	6.05	49.35	320.20	9.72	11.68	52.07	999.00	-2.87	999.00	1.60	0.00
21	5	10	15	323.20	10.48	9.25	49.12	999.00	319.40	10.26	9.65	49.64	320.00	8.25	16.69	51.96	999.00	-2.92	999.00	0.13	0.00
21	5	10	16	325.60	9.45	8.30	49.12	999.00	320.50	9.31	9.54	49.64	324.60	7.52	15.09	51.96	999.00	-2.84	999.00	0.05	0.00
21	5	10	17	323.40	11.43	7.03	50.90	999.00	316.80	11.52	7.44	51.40	321.50	9.60	12.35	53.72	999.00	-2.62	999.00	0.05	0.00
21	5	10	18	318.60	10.18	7.02	50.90	999.00	315.20	9.59	7.56	51.40	317.40	6.80	12.45	53.72	999.00	-1.77	999.00	0.05	0.00
21	5	10	19	271.20	13.64	6.01	51.40	999.00	261.70	11.99	7.39	51.89	260.80	8.32	12.66	53.10	999.00	-1.79	999.00	0.05	0.00
21	5	10	20	276.40	12.27	4.02	51.44	999.00	266.90	11.67	5.18	51.95	261.30	7.93	10.31	53.23	999.00	-1.82	999.00	0.05	0.00
21	5	10	21	282.00	14.65	2.59	50.96	999.00	271.70	13.19	3.43	51.36	259.90	6.16	7.81	51.71	999.00	0.26	999.00	0.05	0.00
21	5	10	22	290.40	14.07	3.19	50.02	999.00	279.10	12.20	3.21	50.23	256.20	5.15	6.05	49.60	999.00	0.66	999.00	0.05	0.00
21	5	10	23	279.10	12.56	2.51	49.27	999.00	264.60	10.65	4.83	49.31	243.80	5.05	4.32	48.20	999.00	1.15	999.00	0.05	0.00
21	5	10	24	284.30	16.60	1.85	48.09	999.00	269.90	14.34	1.80	47.69	262.50	4.49	5.84	46.47	999.00	2.47	999.00	0.05	0.00
21	5	11	1	301.80	19.61	4.89	47.70	999.00	289.50	16.46	5.24	47.40	273.30	6.56	8.52	45.37	999.00	1.92	999.00	0.05	0.00
21	5	11	2	314.20	19.26	5.32	47.32	999.00	304.40	17.63	5.94	47.52	299.50	10.45	11.97	46.81	999.00	-0.64	999.00	0.05	0.00
21	5	11	3	316.20	18.98	5.06	46.75	999.00	307.40	17.51	5.36	47.15	302.80	11.52	9.22	47.44	999.00	-0.92	999.00	0.05	0.00
21	5	11	4	327.10	19.66	4.82	45.74	999.00	316.20	18.69	4.99	46.17	309.60	12.10	10.28	46.57	999.00	-0.80	999.00	0.05	0.00
21	5	11	5	336.40	18.39	4.73	45.06	999.00	325.70	17.62	4.85	45.49	322.30	11.99	9.04	45.92	999.00	-0.79	999.00	0.05	0.00
21	5	11	6	334.00	18.38	3.72	43.78	999.00	323.80	17.75	4.32	44.21	319.80	11.72	10.51	44.66	999.00	-0.89	999.00	0.05	0.00
21	5	11	7	336.80	19.96	5.50	43.78	999.00	326.90	19.19	6.59	44.21	328.00	12.95	11.70	44.66	999.00	-1.61	999.00	0.05	0.00
21	5	11	8	337.50	18.75	5.79	41.48	999.00	327.20	18.00	5.76	41.98	326.10	14.21	8.67	43.47	999.00	-2.27	999.00	0.05	0.00

21	5	11	9	329.60	17.59	5.50	40.87	999.00	321.00	17.41	5.86	41.34	319.50	13.86	10.22	43.41	999.00	-2.66	999.00	0.04	0.00
21	5	11	10	315.30	17.13	8.00	40.92	999.00	309.00	17.00	8.90	41.43	307.60	12.91	14.50	43.64	999.00	-2.80	999.00	-0.01	0.00
21	5	11	11	305.30	18.58	7.57	41.83	999.00	297.10	18.66	8.49	42.40	295.30	14.24	14.13	44.73	999.00	-2.76	999.00	-0.01	0.00
21	5	11	12	313.60	16.82	9.17	43.14	999.00	307.70	16.49	10.08	43.69	312.30	12.97	12.21	46.18	999.00	-3.08	999.00	-2.82	0.00
21	5	11	13	303.90	16.31	9.24	44.08	999.00	297.40	15.91	10.69	44.67	297.60	12.08	15.27	47.30	999.00	-3.28	999.00	-3.03	0.00
21	5	11	14	311.90	16.26	10.49	45.55	999.00	304.60	15.68	12.22	46.12	307.20	11.66	18.52	48.84	999.00	-3.52	999.00	-3.00	0.00
21	5	11	15	307.80	15.04	10.56	47.30	999.00	301.20	15.19	12.67	47.63	301.90	11.19	16.60	50.43	999.00	-3.03	999.00	-3.19	0.00
21	5	11	16	308.50	16.24	8.35	48.45	999.00	302.40	15.93	8.49	48.75	300.10	11.91	13.17	51.03	999.00	-2.66	999.00	-2.09	0.00
21	5	11	17	317.50	14.76	7.53	49.16	999.00	312.70	14.65	6.82	49.47	316.20	11.61	12.55	51.80	999.00	-2.52	999.00	-2.67	0.00
21	5	11	18	343.90	9.96	9.99	49.69	999.00	338.40	9.83	10.98	49.91	340.00	8.42	13.73	52.46	999.00	-2.93	999.00	-1.23	0.00
21	5	11	19	316.10	7.66	13.76	49.87	999.00	311.70	7.48	13.86	50.07	318.20	5.72	18.00	52.71	999.00	-2.75	999.00	-1.66	0.00
21	5	11	20	303.30	8.70	8.69	50.31	999.00	297.80	7.94	9.19	50.57	287.60	4.50	14.81	52.52	999.00	-1.07	999.00	-1.40	0.00
21	5	11	21	338.30	11.60	6.61	50.84	999.00	330.70	11.12	8.56	51.16	328.20	6.52	11.07	51.72	999.00	-0.65	999.00	-0.42	0.00
21	5	11	22	341.90	18.94	5.44	50.82	999.00	334.80	18.02	6.01	51.19	335.40	11.70	8.94	51.47	999.00	-0.85	999.00	-0.59	0.00
21	5	11	23	353.20	14.27	2.90	50.58	999.00	346.90	13.98	3.66	50.90	344.00	9.92	6.68	51.47	999.00	-0.89	999.00	-0.60	0.00
21	5	11	24	41.23	10.33	8.84	50.10	999.00	37.23	8.61	7.73	50.41	42.14	7.35	14.06	50.99	999.00	-0.94	999.00	-0.82	0.00
21	5	12	1	41.70	4.50	10.11	48.34	999.00	33.10	3.42	11.96	48.61	39.62	3.24	21.25	49.32	999.00	-1.13	999.00	-1.03	0.00
21	5	12	2	126.20	1.08	60.34	48.17	999.00	232.10	1.39	17.71	48.51	222.20	4.14	5.68	48.87	999.00	0.47	999.00	0.63	0.00
21	5	12	3	293.70	8.58	2.44	47.30	999.00	284.70	8.91	3.40	48.20	273.30	5.89	3.45	45.28	999.00	3.84	999.00	4.06	0.00
21	5	12	4	343.80	17.99	3.59	47.81	999.00	336.90	17.12	4.29	48.14	336.60	10.96	7.97	45.40	999.00	-0.20	999.00	1.52	0.00
21	5	12	5	352.80	19.62	4.30	47.32	999.00	345.60	18.80	5.57	47.78	343.30	13.47	7.54	48.37	999.00	-1.37	999.00	-0.93	0.00
21	5	12	6	353.30	13.85	4.35	46.14	999.00	344.90	13.02	5.50	46.60	342.90	8.95	10.18	47.51	999.00	-1.17	999.00	-1.01	0.00
21	5	12	7	3.46	11.81	10.74	45.98	999.00	353.00	11.02	10.04	46.42	353.10	8.44	10.92	47.32	999.00	-1.76	999.00	-1.04	0.00
21	5	12	8	359.10	9.80	13.54	46.20	999.00	355.50	8.97	12.72	46.76	353.30	9.54	10.94	48.23	999.00	-1.89	999.00	-1.12	0.00
21	5	12	9	8.32	9.07	16.11	47.02	999.00	8.96	8.02	15.44	47.74	5.70	7.84	17.64	48.84	999.00	-1.74	999.00	-0.93	0.00
21	5	12	10	345.40	8.72	12.69	48.06	999.00	344.40	8.58	11.20	48.62	349.60	8.39	11.35	49.97	999.00	-1.93	999.00	-1.43	0.00
21	5	12	11	352.20	7.36	13.31	48.06	999.00	348.10	6.94	10.59	48.62	339.80	7.10	17.18	49.97	999.00	-1.84	999.00	-1.16	0.00
21	5	12	12	344.00	7.01	16.02	48.50	999.00	339.80	7.05	12.78	49.05	344.50	6.33	16.29	50.22	999.00	-2.17	999.00	-1.24	0.00
21	5	12	13	337.50	6.48	11.59	49.84	999.00	336.40	6.39	11.75	50.55	341.90	5.75	20.36	51.78	999.00	-1.95	999.00	-1.47	0.00
21	5	12	14	343.20	7.68	11.62	51.97	999.00	343.40	7.31	11.31	52.63	351.50	6.55	15.88	54.06	999.00	-1.76	999.00	-1.14	0.00
21	5	12	15	359.50	7.23	12.73	54.22	999.00	355.30	6.82	14.00	54.56	353.00	7.07	13.34	55.76	999.00	-1.53	999.00	-1.17	0.00
21	5	12	16	19.07	5.38	17.26	55.58	999.00	15.73	4.49	17.32	56.12	28.90	5.46	19.11	56.98	999.00	-1.01	999.00	-0.41	0.00
21	5	12	17	50.59	5.26	21.46	56.53	999.00	53.42	5.76	19.94	57.00	48.73	5.58	33.62	58.03	999.00	-1.95	999.00	-1.40	0.00
21	5	12	18	66.05	6.57	16.23	56.56	999.00	61.20	6.47	16.03	57.25	50.80	5.91	24.93	58.55	999.00	-1.99	999.00	-1.28	0.00
21	5	12	19	56.83	6.14	13.20	56.79	999.00	60.35	5.62	12.48	57.39	60.77	4.97	15.58	58.94	999.00	-1.81	999.00	-1.35	0.00
21	5	12	20	58.17	3.58	11.47	57.05	999.00	52.00	3.01	10.88	57.69	37.02	2.53	15.42	58.53	999.00	-1.20	999.00	-0.54	0.00
21	5	12	21	292.80	2.03	8.84	56.69	999.00	284.70	2.14	8.41	57.31	285.70	2.16	6.60	57.82	999.00	-0.94	999.00	-0.40	0.00
21	5	12	22	311.00	1.25	57.05	56.20	999.00	289.10	1.59	32.49	56.80	33.95	0.86	64.81	55.42	999.00	0.88	999.00	1.50	0.00
21	5	12	23	71.40	4.01	3.71	56.07	999.00	66.84	3.80	2.93	56.57	126.70	0.97	16.46	55.15	999.00	2.15	999.00	2.61	0.00
21	5	12	24	65.61	5.16	4.23	55.98	999.00	68.80	4.27	3.90	56.35	192.00	1.54	7.26	52.84	999.00	2.86	999.00	3.22	0.00
21	5	13	1	23.44	1.55	49.46	55.29	999.00	289.70	1.08	35.15	55.62	196.50	1.34	36.71	51.06	999.00	3.12	999.00	3.63	0.00
21	5	13	2	259.80	3.05	5.53	54.93	999.00	249.20	3.35	3.73	55.46	202.70	2.17	9.50	49.36	999.00	5.87	999.00	6.38	0.00
21	5	13	3	294.70	3.35	2.82	54.93	999.00	278.10	3.01	1.39	55.46	253.50	2.30	9.59	49.36	999.00	7.44	999.00	7.56	0.00
21	5	13	4	243.50	3.66	3.16	54.35	999.00	239.30	5.19	1.61	54.49	203.00	2.63	13.96	47.07	999.00	7.59	999.00	7.90	0.00
21	5	13	5	260.40	4.80	4.67	54.06	999.00	259.30	7.16	2.46	53.95	205.10	1.37	17.30	46.57	999.00	7.74	999.00	7.70	0.00
21	5	13	6	320.90	10.36	2.93	51.78	999.00	320.30	10.25	2.69	51.69	288.10	3.53	7.56	45.99	999.00	4.46	999.00	4.89	0.00

21	5	13	7	0.85	5.40	11.59	51.00	999.00	8.71	4.71	12.84	51.44	171.80	1.14	55.82	47.70	999.00	2.41	999.00	2.85	0.00
21	5	13	8	45.83	4.81	10.13	52.43	999.00	54.14	5.24	7.62	52.77	146.90	1.22	25.64	50.30	999.00	2.24	999.00	2.37	0.00
21	5	13	9	8.62	1.07	63.34	55.02	999.00	84.80	2.12	13.93	54.24	131.40	2.48	18.20	53.64	999.00	0.51	999.00	-0.61	0.00
21	5	13	10	149.00	4.28	15.35	55.02	999.00	151.00	4.19	14.33	54.24	155.70	3.18	31.97	53.64	999.00	-2.32	999.00	-0.66	0.00
21	5	13	11	120.90	4.78	17.78	56.57	999.00	116.60	5.01	14.02	57.80	116.50	5.35	12.14	58.89	999.00	-2.04	999.00	-1.27	0.00
21	5	13	12	37.94	5.81	17.74	56.84	999.00	24.05	5.77	15.53	57.28	1.50	6.50	10.40	58.43	999.00	-0.36	999.00	-0.35	0.00
21	5	13	13	55.38	4.95	16.85	57.43	999.00	47.03	4.90	16.68	57.90	42.05	4.98	25.01	58.58	999.00	-1.60	999.00	-0.84	0.00
21	5	13	14	11.17	4.11	20.50	58.82	999.00	10.42	3.76	17.61	59.47	9.25	4.80	16.70	60.50	999.00	-0.93	999.00	-0.65	0.00
21	5	13	15	59.19	5.44	18.63	58.43	999.00	60.60	5.63	17.84	58.81	50.22	5.13	29.10	59.92	999.00	-2.20	999.00	-1.68	0.00
21	5	13	16	100.30	6.73	12.98	58.14	999.00	104.30	6.82	11.29	58.67	135.70	5.96	18.96	60.61	999.00	-2.67	999.00	-1.92	0.00
21	5	13	17	93.00	6.36	11.98	59.47	999.00	93.90	6.48	13.78	60.17	82.70	5.35	21.30	61.99	999.00	-2.48	999.00	-1.67	0.00
21	5	13	18	87.80	7.22	11.39	60.37	999.00	91.40	7.06	11.22	61.02	102.40	5.37	20.56	62.76	999.00	-2.63	999.00	-1.99	0.00
21	5	13	19	100.70	9.08	7.73	60.15	999.00	96.60	7.62	10.02	60.72	90.70	5.27	19.29	62.45	999.00	-2.12	999.00	-1.62	0.00
21	5	13	20	110.90	11.76	3.67	59.94	999.00	106.50	10.98	4.76	60.46	108.90	6.22	15.26	61.82	999.00	-1.58	999.00	-1.01	0.00
21	5	13	21	124.60	10.93	3.41	59.65	999.00	122.30	10.28	4.15	60.12	132.30	4.76	12.26	60.65	999.00	-0.64	999.00	-0.23	0.00
21	5	13	22	135.00	13.40	1.80	59.61	999.00	133.20	13.05	2.42	59.76	147.60	2.71	15.38	58.74	999.00	1.78	999.00	1.96	0.00
21	5	13	23	143.00	13.84	0.90	59.57	999.00	144.60	13.82	0.97	59.77	156.10	2.46	15.06	56.75	999.00	3.40	999.00	3.49	0.00
21	5	13	24	152.20	15.16	1.68	59.65	999.00	155.90	13.95	2.79	59.47	187.70	2.84	14.65	55.71	999.00	4.38	999.00	3.95	0.00
21	5	14	1	169.80	15.51	1.24	59.15	999.00	169.90	13.88	1.95	58.30	186.40	3.16	13.47	53.93	999.00	5.53	999.00	4.06	0.00
21	5	14	2	177.10	14.07	3.54	59.15	999.00	182.10	11.74	7.49	58.30	198.20	4.07	12.72	53.93	999.00	4.34	999.00	2.79	0.00
21	5	14	3	192.80	13.98	2.63	58.35	999.00	191.30	12.85	4.49	57.03	210.40	3.62	8.06	52.92	999.00	6.82	999.00	5.01	0.00
21	5	14	4	206.10	15.31	1.56	57.07	999.00	211.10	14.74	1.87	55.60	189.20	3.61	7.93	51.27	999.00	6.55	999.00	6.10	0.00
21	5	14	5	231.70	14.09	6.57	57.94	999.00	223.60	14.56	3.17	57.68	206.70	5.37	9.53	50.84	999.00	6.55	999.00	5.90	0.00
21	5	14	6	269.70	12.82	1.61	54.78	999.00	249.70	11.16	3.46	54.28	192.10	3.27	11.38	49.72	999.00	5.04	999.00	3.36	0.00
21	5	14	7	289.00	14.59	1.87	53.13	999.00	270.40	11.84	3.81	50.60	219.00	3.51	7.79	47.72	999.00	4.61	999.00	2.79	0.00
21	5	14	8	305.00	13.89	1.59	51.89	999.00	295.70	12.14	2.72	50.52	262.90	2.98	12.90	47.97	999.00	3.57	999.00	2.78	0.00
21	5	14	9	319.40	13.61	4.15	56.30	999.00	311.20	11.57	6.08	54.84	313.30	6.75	10.38	54.51	999.00	0.68	999.00	-0.84	0.00
21	5	14	10	312.90	8.09	9.20	58.73	999.00	303.70	7.26	9.71	57.85	300.60	6.14	16.98	59.64	999.00	-2.41	999.00	-2.43	0.00
21	5	14	11	315.70	7.65	7.14	58.85	999.00	312.50	7.14	8.86	59.17	309.20	5.82	12.84	61.70	999.00	-3.43	999.00	-2.86	0.00
21	5	14	12	308.70	8.03	10.49	60.75	999.00	306.30	8.23	11.73	61.32	312.20	6.05	17.95	64.08	999.00	-3.34	999.00	-2.74	0.00
21	5	14	13	322.00	7.58	9.11	61.86	999.00	321.20	7.55	9.61	62.48	328.90	6.55	13.12	64.32	999.00	-2.47	999.00	-1.80	0.00
21	5	14	14	355.40	7.48	6.48	63.33	999.00	354.60	6.82	5.60	63.58	353.20	7.41	5.93	64.32	999.00	-0.87	999.00	-0.78	0.00
21	5	14	15	38.46	6.63	13.77	63.72	999.00	39.93	6.77	13.36	64.03	43.87	6.59	24.85	65.29	999.00	-1.76	999.00	-1.36	0.00
21	5	14	16	60.53	8.35	6.83	63.43	999.00	56.26	8.28	7.57	64.07	60.83	7.07	14.23	65.57	999.00	-2.21	999.00	-1.45	0.00
21	5	14	17	96.90	9.34	5.72	63.34	999.00	93.80	8.69	8.40	64.05	101.20	6.85	18.21	65.88	999.00	-2.51	999.00	-1.76	0.00
21	5	14	18	117.20	7.47	6.62	63.70	999.00	111.90	7.90	6.55	64.38	113.70	6.66	13.38	66.24	999.00	-2.35	999.00	-1.79	0.00
21	5	14	19	133.00	5.16	18.16	64.77	999.00	130.40	4.56	22.09	65.51	142.60	2.88	23.58	67.18	999.00	-2.23	999.00	-1.41	0.00
21	5	14	20	154.20	5.50	7.87	64.95	999.00	133.70	4.40	11.74	65.52	108.30	2.76	18.00	66.34	999.00	-0.45	999.00	-0.19	0.00
21	5	14	21	153.80	8.09	2.15	64.54	999.00	150.00	7.39	2.29	64.80	141.50	2.00	11.71	63.64	999.00	1.61	999.00	1.90	0.00
21	5	14	22	162.80	10.72	2.31	64.21	999.00	159.70	10.00	2.44	64.43	181.10	1.92	12.37	61.44	999.00	3.31	999.00	3.33	0.00
21	5	14	23	171.70	13.75	1.50	63.56	999.00	168.90	13.49	1.97	63.20	167.70	2.42	8.92	59.21	999.00	5.25	999.00	4.72	0.00
21	5	14	24	185.50	12.44	1.65	63.52	999.00	176.70	13.14	1.60	63.17	167.00	3.00	10.51	58.02	999.00	5.72	999.00	5.32	0.00
21	5	15	1	189.80	10.05	2.30	63.87	999.00	182.50	10.98	1.96	63.45	169.90	2.52	7.07	57.22	999.00	7.02	999.00	6.48	0.00
21	5	15	2	193.90	11.04	1.96	63.33	999.00	195.90	12.47	4.56	62.64	203.80	4.45	7.69	55.89	999.00	7.51	999.00	6.46	0.00
21	5	15	3	215.20	14.87	1.79	62.10	999.00	214.90	15.04	1.64	61.61	198.10	4.33	9.83	54.29	999.00	7.97	999.00	7.85	0.00
21	5	15	4	222.50	15.56	1.20	999.00	999.00	220.10	16.16	1.50	62.04	199.50	3.81	8.11	54.10	999.00	999.00	999.00	7.90	0.00

21	5	15	5	232.20	14.31	8.15	58.01	999.00	232.80	9.64	13.03	56.54	224.50	3.73	39.32	52.17	999.00	5.75	999.00	3.36	0.00
21	5	15	6	237.30	13.11	3.39	58.67	999.00	218.50	11.36	2.47	55.62	160.20	3.58	9.53	51.19	999.00	7.56	999.00	5.14	0.00
21	5	15	7	251.50	12.32	4.87	56.97	999.00	231.10	10.47	4.09	55.36	194.60	2.93	44.02	49.38	999.00	6.72	999.00	5.28	0.00
21	5	15	8	245.20	8.94	1.80	55.40	999.00	224.40	10.11	1.62	53.41	180.60	3.85	14.07	50.07	999.00	4.85	999.00	2.66	0.00
21	5	15	9	219.30	8.32	5.37	54.43	999.00	204.00	7.28	7.84	52.40	195.70	4.41	17.91	52.57	999.00	-0.69	999.00	-1.54	0.00
21	5	15	10	203.80	4.63	10.51	55.01	999.00	202.90	4.09	14.67	55.18	199.40	3.93	24.98	56.58	999.00	-1.65	999.00	-1.27	0.00
21	5	15	11	209.50	4.40	24.36	59.83	999.00	212.10	4.02	18.51	61.08	220.00	4.18	28.44	62.07	999.00	-2.24	999.00	-1.39	0.00
21	5	15	12	231.10	3.68	20.37	63.83	999.00	224.10	3.40	25.77	64.67	228.20	3.48	32.99	66.20	999.00	-2.12	999.00	-1.35	0.00
21	5	15	13	19.85	3.83	13.69	64.88	999.00	24.70	4.38	13.90	64.46	33.79	6.14	8.42	63.94	999.00	0.87	999.00	0.36	0.00
21	5	15	14	22.65	5.03	16.70	64.57	999.00	31.18	4.57	15.19	63.90	39.20	5.69	15.39	64.35	999.00	-0.08	999.00	-0.49	0.00
21	5	15	15	37.32	6.76	6.07	65.45	999.00	35.51	7.21	5.32	65.52	46.41	6.35	11.26	66.56	999.00	-1.09	999.00	-1.05	0.00
21	5	15	16	57.62	7.29	9.44	66.11	999.00	50.11	7.38	10.06	66.50	44.11	6.58	17.14	67.47	999.00	-1.74	999.00	-1.15	0.00
21	5	15	17	74.60	9.95	1.90	65.50	999.00	70.20	9.02	4.40	65.58	85.80	5.40	13.00	66.61	999.00	0.19	999.00	-0.44	0.00
21	5	15	18	91.50	10.74	0.91	65.18	999.00	87.80	9.82	4.31	64.88	101.10	4.24	17.29	65.53	999.00	0.18	999.00	-0.29	0.00
21	5	15	19	103.70	10.17	1.65	65.63	999.00	104.10	9.68	2.31	65.29	111.60	4.50	12.96	65.55	999.00	0.29	999.00	0.10	0.00
21	5	15	20	117.30	10.41	4.69	65.44	999.00	110.20	9.38	3.70	65.38	111.30	4.29	12.76	65.86	999.00	0.19	999.00	-0.03	0.00
21	5	15	21	129.70	8.29	4.09	65.06	999.00	130.70	7.71	3.47	65.15	143.10	1.37	20.95	64.06	999.00	0.97	999.00	1.11	0.00
21	5	15	22	149.20	10.86	19.29	64.26	999.00	150.00	9.31	23.66	64.08	183.50	3.29	54.28	63.38	999.00	1.47	999.00	1.15	0.00
21	5	15	23	73.70	8.54	15.88	65.23	999.00	65.77	7.89	16.92	65.53	50.87	4.50	14.60	64.75	999.00	0.65	999.00	0.95	0.00
21	5	15	24	192.40	2.04	54.82	65.08	999.00	251.90	2.71	14.69	65.25	273.30	3.21	28.27	64.19	999.00	1.04	999.00	1.18	0.00
21	5	16	1	232.10	11.78	4.59	62.97	999.00	233.10	11.45	3.37	62.96	241.20	5.37	10.17	61.62	999.00	1.77	999.00	1.68	0.00
21	5	16	2	257.30	10.36	8.39	63.84	999.00	255.00	9.64	10.02	64.26	248.40	4.78	12.20	61.24	999.00	2.17	999.00	2.63	0.00
21	5	16	3	206.00	9.24	11.25	61.60	999.00	207.10	8.60	12.11	62.04	202.20	4.34	19.93	62.03	999.00	-0.78	999.00	-0.32	0.00
21	5	16	4	195.00	11.79	5.12	60.73	999.00	193.60	10.46	4.67	60.91	185.30	4.14	13.13	60.83	999.00	0.30	999.00	0.61	0.00
21	5	16	5	174.70	10.74	5.90	60.12	999.00	163.30	8.81	7.08	60.20	133.00	2.47	19.82	59.88	999.00	0.23	999.00	0.15	0.00
21	5	16	6	163.60	10.88	8.98	60.60	999.00	155.40	9.67	8.68	60.52	137.90	3.20	24.88	59.38	999.00	0.70	999.00	0.85	0.00
21	5	16	7	106.60	12.69	4.32	59.04	999.00	99.40	12.18	4.12	59.35	96.70	5.81	15.77	59.64	999.00	-1.07	999.00	-0.60	0.00
21	5	16	8	90.80	11.27	5.93	58.63	999.00	82.60	10.04	6.53	59.00	83.70	4.01	16.31	59.59	999.00	-0.80	999.00	-0.56	0.00
21	5	16	9	66.85	9.09	6.22	58.08	999.00	53.03	9.06	5.59	58.14	48.53	7.45	9.17	58.82	999.00	-0.63	999.00	-0.70	0.00
21	5	16	10	85.80	8.64	7.33	58.09	999.00	77.40	8.15	8.10	58.38	79.40	4.82	20.08	59.61	999.00	-2.12	999.00	-1.59	0.00
21	5	16	11	81.90	8.65	4.11	57.94	999.00	73.00	8.55	6.51	58.49	65.06	6.84	12.56	60.16	999.00	-2.16	999.00	-1.70	0.00
21	5	16	12	127.10	8.87	6.69	59.48	999.00	116.40	8.09	6.99	59.81	103.30	4.94	17.24	61.27	999.00	-1.84	999.00	-1.56	0.00
21	5	16	13	86.10	13.77	5.04	59.48	999.00	77.70	13.65	6.01	59.81	67.68	10.65	13.04	61.27	999.00	-2.78	999.00	-2.43	0.00
21	5	16	14	77.70	13.86	4.19	61.06	999.00	70.70	14.60	4.88	61.33	67.10	9.32	14.45	63.57	999.00	-2.28	999.00	-2.20	0.00
21	5	16	15	77.90	17.67	3.21	60.19	999.00	71.70	16.73	5.26	60.21	70.40	10.53	13.86	62.59	999.00	-1.99	999.00	-2.16	0.00
21	5	16	16	78.10	18.74	2.65	60.17	999.00	72.80	18.17	4.23	60.21	72.90	10.17	16.82	62.24	999.00	-2.69	999.00	-2.42	0.00
21	5	16	17	82.10	17.86	3.22	59.86	999.00	76.50	16.93	4.43	60.11	72.10	10.09	14.59	62.38	999.00	-2.33	999.00	-1.99	0.00
21	5	16	18	86.60	17.43	3.05	59.60	999.00	81.40	15.69	5.59	59.89	81.70	8.29	14.57	61.63	999.00	-1.94	999.00	-1.65	0.00
21	5	16	19	91.80	15.48	7.34	59.19	999.00	87.70	13.14	8.98	59.61	89.70	6.92	18.43	61.38	999.00	-2.18	999.00	-1.73	0.00
21	5	16	20	93.50	17.23	5.20	59.41	999.00	89.70	14.76	6.64	59.75	92.90	7.69	15.88	60.90	999.00	-1.09	999.00	-0.86	0.00
21	5	16	21	98.50	18.29	2.65	59.90	999.00	92.50	15.56	4.87	59.75	92.80	6.88	15.15	60.19	999.00	0.04	999.00	-0.32	0.00
21	5	16	22	99.90	16.06	3.74	59.74	999.00	97.00	13.10	4.79	59.59	95.80	6.03	13.35	59.82	999.00	-0.16	999.00	-0.21	0.00
21	5	16	23	102.80	17.44	2.95	59.61	999.00	100.60	14.67	4.51	59.52	105.50	6.93	13.89	59.74	999.00	-0.05	999.00	-0.12	0.00
21	5	16	24	110.30	18.16	2.18	60.48	999.00	105.80	14.66	3.46	60.26	103.80	5.53	13.74	60.24	999.00	0.44	999.00	0.08	0.00
21	5	17	1	115.30	16.53	2.04	60.72	999.00	111.30	13.48	3.06	60.48	114.80	4.65	14.48	60.18	999.00	0.47	999.00	0.35	0.00
21	5	17	2	117.40	16.25	2.17	60.72	999.00	113.50	13.30	3.00	60.48	120.60	4.34	13.90	60.18	999.00	0.65	999.00	0.49	0.00

21	5	17	3	117.90	17.66	2.14	60.58	999.00	113.30	14.70	3.20	60.43	118.00	5.14	15.10	60.08	999.00	0.40	999.00	0.32	0.00
21	5	17	4	132.60	17.18	1.69	60.24	999.00	127.60	12.94	3.71	59.96	129.50	4.68	13.85	59.79	999.00	0.97	999.00	0.36	0.00
21	5	17	5	136.70	14.70	1.92	59.68	999.00	132.50	11.17	3.06	59.14	126.90	3.64	11.66	58.63	999.00	0.84	999.00	0.55	0.00
21	5	17	6	138.90	14.70	0.99	58.83	999.00	129.30	11.75	1.86	58.52	125.10	4.13	10.60	58.06	999.00	0.77	999.00	0.38	0.00
21	5	17	7	152.10	12.72	2.63	58.34	999.00	137.00	10.51	1.91	57.96	132.50	3.59	12.47	57.66	999.00	0.89	999.00	0.15	0.00
21	5	17	8	171.40	12.67	3.84	57.83	999.00	152.00	9.53	4.09	57.05	146.70	3.36	19.10	57.14	999.00	0.88	999.00	-0.14	0.00
21	5	17	9	191.60	14.63	1.92	59.57	999.00	175.70	9.54	4.58	57.70	172.40	3.24	23.91	57.73	999.00	4.00	999.00	0.04	0.00
21	5	17	10	180.40	4.89	11.37	61.77	999.00	176.00	2.77	19.15	60.70	175.10	2.03	36.03	61.30	999.00	-1.35	999.00	-0.79	0.00
21	5	17	11	169.50	4.39	13.56	63.65	999.00	161.60	4.04	15.41	65.11	172.70	3.42	26.18	65.87	999.00	-2.34	999.00	-0.70	0.00
21	5	17	12	122.50	5.38	13.60	66.22	999.00	97.50	5.21	11.24	67.14	74.20	6.35	11.82	67.43	999.00	1.21	999.00	1.08	0.00
21	5	17	13	82.50	7.45	7.63	65.61	999.00	67.61	6.92	10.73	65.32	73.80	6.07	15.61	66.10	999.00	-1.36	999.00	-1.06	0.00
21	5	17	14	80.00	10.08	4.16	66.21	999.00	67.73	10.09	6.25	66.14	71.70	7.05	15.20	67.26	999.00	-0.27	999.00	-0.54	0.00
21	5	17	15	67.98	12.69	4.74	66.55	999.00	62.78	11.43	7.44	66.52	60.73	8.80	14.01	67.92	999.00	-0.99	999.00	-1.10	0.00
21	5	17	16	78.50	13.00	3.40	66.40	999.00	72.90	11.26	9.32	66.28	71.20	7.73	16.30	67.96	999.00	-1.99	999.00	-1.99	0.00
21	5	17	17	71.90	13.79	1.80	66.99	999.00	65.40	13.12	3.25	66.38	72.60	7.76	14.98	67.67	999.00	0.32	999.00	-0.66	0.00
21	5	17	18	67.56	13.60	1.87	66.99	999.00	66.93	11.67	6.15	66.38	75.30	6.02	16.37	67.67	999.00	0.51	999.00	-0.63	0.00
21	5	17	19	73.40	13.27	2.79	65.68	999.00	75.60	10.88	7.06	64.29	89.60	4.43	15.33	65.05	999.00	0.85	999.00	-0.73	0.00
21	5	17	20	86.80	18.06	2.09	65.82	999.00	82.50	15.54	5.00	64.39	93.00	5.86	17.02	64.20	999.00	1.83	999.00	0.49	0.00
21	5	17	21	99.80	15.97	2.35	64.28	999.00	100.80	13.54	2.73	63.18	94.70	5.95	12.91	63.06	999.00	1.15	999.00	0.32	0.00
21	5	17	22	104.30	16.39	2.57	62.76	999.00	106.90	13.40	3.27	62.14	113.70	5.15	12.61	62.15	999.00	1.56	999.00	0.33	0.00
21	5	17	23	111.50	16.77	1.77	64.06	999.00	106.90	13.58	3.15	63.39	109.80	4.33	13.31	62.46	999.00	1.49	999.00	1.09	0.00
21	5	17	24	154.60	10.37	17.11	63.42	999.00	158.60	8.96	16.29	63.16	170.70	2.60	31.27	61.48	999.00	2.59	999.00	2.48	0.00
21	5	18	1	167.60	12.45	5.82	63.42	999.00	162.60	12.02	6.01	63.16	181.90	2.13	17.12	61.48	999.00	4.74	999.00	4.38	0.00
21	5	18	2	219.60	10.14	1.52	64.30	999.00	215.50	9.39	1.48	64.22	176.80	3.40	9.46	60.01	999.00	4.26	999.00	4.34	0.00
21	5	18	3	215.20	11.88	1.17	63.62	999.00	212.20	11.46	1.46	63.72	194.90	3.72	13.23	59.42	999.00	4.13	999.00	4.18	0.00
21	5	18	4	231.60	6.34	2.45	63.22	999.00	221.90	7.35	3.07	63.15	195.40	2.33	15.54	58.32	999.00	5.05	999.00	4.90	0.00
21	5	18	5	224.90	2.58	11.86	63.26	999.00	228.70	3.10	9.64	63.12	207.70	0.07	0.78	57.16	999.00	6.36	999.00	6.29	0.00
21	5	18	6	210.50	3.83	4.76	62.25	999.00	196.50	5.23	1.37	62.21	160.80	1.39	18.11	56.37	999.00	6.53	999.00	6.32	0.00
21	5	18	7	172.20	4.11	1.72	61.90	999.00	175.10	3.47	2.30	61.93	172.10	0.67	13.46	55.49	999.00	6.24	999.00	6.06	0.00
21	5	18	8	121.00	3.41	1.82	60.82	999.00	103.50	3.34	10.02	61.10	135.50	1.19	19.94	57.15	999.00	2.12	999.00	2.45	0.00
21	5	18	9	87.80	6.75	3.59	61.51	999.00	91.30	5.14	10.32	61.28	115.40	4.01	12.91	61.20	999.00	-0.44	999.00	-0.74	0.00
21	5	18	10	90.60	7.95	6.76	61.29	999.00	91.60	6.36	13.15	61.43	101.20	5.04	18.16	62.68	999.00	-1.24	999.00	-1.31	0.00
21	5	18	11	89.80	7.37	9.00	62.39	999.00	77.10	7.18	9.82	62.85	62.07	6.66	17.49	64.55	999.00	-2.69	999.00	-2.02	0.00
21	5	18	12	80.30	7.99	6.66	63.57	999.00	73.00	7.77	9.28	64.08	66.05	6.71	14.49	66.04	999.00	-2.52	999.00	-1.93	0.00
21	5	18	13	69.75	7.84	7.54	64.75	999.00	61.90	7.26	9.03	65.40	55.20	6.62	17.27	66.99	999.00	-2.61	999.00	-1.85	0.00
21	5	18	14	69.41	7.54	7.44	65.55	999.00	55.30	7.51	8.94	66.25	38.15	8.05	9.89	67.63	999.00	-1.47	999.00	-0.94	0.00
21	5	18	15	64.80	14.10	3.95	65.55	999.00	55.67	12.31	6.35	66.25	56.28	8.45	15.15	67.63	999.00	-0.59	999.00	-1.22	0.00
21	5	18	16	69.37	16.43	3.68	67.07	999.00	64.68	13.66	6.16	66.77	72.60	8.35	14.98	68.21	999.00	-0.85	999.00	-1.44	0.00
21	5	18	17	77.10	18.14	3.26	67.04	999.00	74.60	15.07	6.32	66.36	79.60	7.63	16.25	67.84	999.00	-0.99	999.00	-1.54	0.00
21	5	18	18	84.60	20.76	3.71	66.13	999.00	81.30	17.55	5.69	65.67	85.20	8.95	17.13	67.33	999.00	-0.64	999.00	-1.37	0.00
21	5	18	19	90.00	20.04	3.10	65.32	999.00	88.00	15.53	5.54	63.96	93.20	6.08	17.41	64.30	999.00	0.61	999.00	-0.49	0.00
21	5	18	20	98.80	22.85	2.57	65.62	999.00	93.50	19.12	4.72	64.78	95.30	7.83	17.08	65.21	999.00	1.20	999.00	0.06	0.00
21	5	18	21	98.00	19.58	1.56	65.62	999.00	91.50	17.86	4.02	64.78	96.80	7.63	14.86	65.21	999.00	1.35	999.00	0.22	0.00
21	5	18	22	100.30	19.67	1.58	66.09	999.00	97.90	15.37	3.62	64.88	99.10	5.98	13.17	64.65	999.00	2.10	999.00	0.51	0.00
21	5	18	23	100.90	20.61	1.94	65.53	999.00	98.80	16.17	3.77	64.44	100.80	6.75	12.93	63.76	999.00	1.49	999.00	0.49	0.00
21	5	18	24	101.30	21.45	1.77	65.61	999.00	99.10	17.49	3.58	64.70	99.00	6.66	12.93	64.15	999.00	1.86	999.00	0.69	0.00

21	5	19	1	109.90	21.76	1.24	66.72	999.00	107.40	17.99	2.44	65.50	109.60	5.67	15.14	64.01	999.00	2.78	999.00	1.62	0.00
21	5	19	2	128.00	17.48	2.65	67.47	999.00	128.50	13.82	3.31	66.46	132.60	3.54	12.73	64.36	999.00	3.30	999.00	1.77	0.00
21	5	19	3	140.50	15.65	6.71	68.27	999.00	144.40	11.69	8.00	66.06	177.60	2.84	30.46	63.67	999.00	3.62	999.00	1.90	0.00
21	5	19	4	139.90	21.22	1.13	67.78	999.00	133.10	14.20	2.92	65.01	133.50	3.13	12.13	62.68	999.00	5.06	999.00	2.14	0.00
21	5	19	5	159.70	18.10	3.02	67.78	999.00	148.00	17.06	1.82	65.01	150.60	2.55	14.71	62.68	999.00	6.88	999.00	4.37	0.00
21	5	19	6	170.50	16.16	1.22	69.19	999.00	157.20	17.07	0.79	66.35	166.70	3.05	14.23	62.36	999.00	6.83	999.00	4.43	0.00
21	5	19	7	177.90	13.09	1.61	69.07	999.00	165.40	14.77	3.05	67.69	147.50	2.64	19.38	61.69	999.00	7.85	999.00	6.19	0.00
21	5	19	8	162.30	13.72	0.89	69.07	999.00	153.90	12.04	4.11	67.69	152.90	3.20	19.48	61.69	999.00	6.13	999.00	1.68	0.00
21	5	19	9	171.50	13.73	3.56	69.92	999.00	165.70	9.79	5.77	67.32	165.00	3.74	20.14	65.50	999.00	1.89	999.00	0.20	0.00
21	5	19	10	170.00	7.23	9.00	69.07	999.00	167.30	6.48	9.58	70.14	172.00	4.65	16.60	70.94	999.00	-2.39	999.00	-1.05	0.00
21	5	19	11	174.70	12.90	6.14	69.07	999.00	171.90	12.39	6.92	70.14	176.90	6.69	20.68	70.94	999.00	-2.49	999.00	-1.19	0.00
21	5	19	12	195.10	10.48	15.25	75.03	999.00	193.50	9.61	17.99	76.21	198.60	6.95	23.76	77.67	999.00	-2.65	999.00	-1.66	0.00
21	5	19	13	120.00	8.58	20.94	75.95	999.00	99.10	7.99	15.81	76.74	72.30	7.81	13.18	77.78	999.00	-0.31	999.00	-0.50	0.00
21	5	19	14	94.40	7.71	19.03	75.66	999.00	80.10	9.22	10.03	75.36	78.40	6.83	16.23	74.05	999.00	1.03	999.00	0.60	0.00
21	5	19	15	80.30	13.92	4.13	74.98	999.00	73.80	14.65	3.49	74.21	70.80	8.26	13.37	74.03	999.00	1.13	999.00	-0.04	0.00
21	5	19	16	82.50	17.13	2.12	75.17	999.00	76.90	16.66	5.10	74.11	82.90	8.35	17.59	75.32	999.00	-0.15	999.00	-1.29	0.00
21	5	19	17	84.00	20.08	1.24	74.92	999.00	78.60	19.39	3.98	73.06	83.70	7.78	18.35	73.10	999.00	2.25	999.00	0.18	0.00
21	5	19	18	95.30	20.66	3.85	73.55	999.00	93.90	18.31	5.94	72.37	99.50	8.21	14.85	73.20	999.00	1.61	999.00	0.15	0.00
21	5	19	19	97.90	19.38	2.55	72.62	999.00	97.00	16.06	5.26	70.91	100.80	7.84	14.75	70.70	999.00	0.53	999.00	-0.98	0.00
21	5	19	20	106.20	21.81	1.73	71.33	999.00	100.60	18.87	3.17	70.15	99.00	9.10	13.37	70.08	999.00	1.69	999.00	0.35	0.00
21	5	19	21	114.90	14.84	11.60	71.95	999.00	119.00	11.51	23.19	70.65	135.20	3.48	66.06	68.96	999.00	2.79	999.00	1.70	0.00
21	5	19	22	117.10	9.56	6.82	70.72	999.00	119.10	6.76	10.54	70.50	188.50	2.02	59.46	70.02	999.00	0.88	999.00	0.65	0.00
21	5	19	23	120.30	11.15	5.41	71.94	999.00	110.00	11.87	3.41	70.93	101.80	3.43	16.59	69.76	999.00	4.42	999.00	2.29	0.00
21	5	19	24	169.30	7.09	4.14	75.37	999.00	142.50	9.05	7.35	73.17	134.60	2.33	12.31	68.99	999.00	7.62	999.00	5.43	0.00
21	5	20	1	198.20	4.43	6.93	75.46	999.00	188.60	7.42	3.20	74.80	307.10	0.65	32.00	67.18	999.00	999.00	999.00	7.83	0.00
21	5	20	2	221.00	4.26	7.91	999.00	999.00	219.00	6.89	4.27	74.44	237.10	1.44	13.73	66.34	999.00	999.00	999.00	7.97	0.00
21	5	20	3	242.30	4.83	3.60	999.00	999.00	231.20	5.02	1.96	999.00	198.10	1.43	23.16	66.17	999.00	999.00	999.00	7.97	0.00
21	5	20	4	183.50	3.06	2.44	999.00	999.00	179.10	3.21	1.53	999.00	136.40	1.88	26.13	65.81	999.00	999.00	999.00	7.97	0.00
21	5	20	5	158.10	3.41	2.22	999.00	999.00	156.90	3.63	1.60	999.00	95.10	0.90	19.70	66.08	999.00	999.00	999.00	7.97	0.00
21	5	20	6	127.20	3.68	4.07	999.00	999.00	134.30	3.23	6.35	73.66	78.70	1.42	16.53	66.01	999.00	999.00	999.00	7.65	0.00
21	5	20	7	117.90	5.54	1.11	999.00	999.00	116.00	5.46	1.82	73.40	140.20	1.53	6.84	65.46	999.00	999.00	999.00	7.97	0.00
21	5	20	8	127.30	8.31	2.35	74.17	999.00	139.80	8.90	2.91	73.15	155.00	2.68	8.93	66.38	999.00	7.20	999.00	6.25	0.00
21	5	20	9	141.20	11.03	2.42	74.18	999.00	151.10	9.89	4.16	72.68	160.20	1.82	18.10	68.44	999.00	4.18	999.00	2.14	0.00
21	5	20	10	170.50	7.24	7.91	73.34	999.00	167.60	6.53	10.26	73.12	173.50	4.81	18.80	73.00	999.00	-2.63	999.00	-1.27	0.00
21	5	20	11	160.80	9.16	8.89	76.35	999.00	153.90	8.68	9.44	77.54	152.90	3.89	26.17	78.68	999.00	-2.27	999.00	-1.11	0.00
21	5	20	12	176.80	9.12	18.39	76.35	999.00	174.40	8.29	20.99	77.54	189.90	6.10	30.12	78.68	999.00	-2.69	999.00	-1.60	0.00
21	5	20	13	95.80	6.38	16.46	79.97	999.00	83.10	6.45	16.21	80.50	79.20	4.84	20.88	81.63	999.00	-1.11	999.00	-0.87	0.00
21	5	20	14	70.00	8.63	7.69	79.20	999.00	50.72	7.98	6.90	78.96	24.83	6.06	9.91	78.97	999.00	1.98	999.00	0.99	0.00
21	5	20	15	73.60	14.02	2.20	77.66	999.00	66.98	12.92	5.46	75.06	67.57	6.25	15.28	74.17	999.00	4.39	999.00	1.51	0.00
21	5	20	16	76.40	15.12	2.12	78.35	999.00	69.09	12.78	5.21	76.12	75.50	5.84	15.72	74.13	999.00	5.85	999.00	2.77	0.00
21	5	20	17	73.00	15.71	3.07	78.37	999.00	66.35	13.06	6.34	76.60	85.20	5.17	17.86	73.60	999.00	3.12	999.00	0.72	0.00
21	5	20	18	78.10	20.13	2.40	76.96	999.00	74.90	16.48	5.05	75.00	76.20	6.40	16.80	74.83	999.00	2.22	999.00	0.41	0.00
21	5	20	19	93.50	18.97	3.12	76.87	999.00	96.70	15.44	4.01	75.52	100.70	6.18	13.47	74.30	999.00	3.72	999.00	1.91	0.00
21	5	20	20	102.20	17.93	2.43	75.57	999.00	98.80	15.86	2.99	73.57	97.70	6.30	15.71	72.72	999.00	3.52	999.00	2.21	0.00
21	5	20	21	102.80	23.05	1.17	75.23	999.00	102.20	19.54	1.43	74.55	95.70	5.87	12.77	70.88	999.00	5.58	999.00	4.33	0.00
21	5	20	22	109.70	21.56	2.10	76.82	999.00	103.70	18.78	1.16	75.56	103.00	5.96	12.52	71.48	999.00	5.55	999.00	3.91	0.00

21	5	20	23	141.30	16.07	2.70	79.00	999.00	122.70	14.41	4.33	76.14	106.50	4.62	12.57	72.18	999.00	6.85	999.00	5.00	0.00
21	5	20	24	163.80	22.34	0.95	78.95	999.00	155.70	16.71	1.95	77.52	138.80	2.20	14.09	71.50	999.00	7.89	999.00	6.22	0.00
21	5	21	1	171.40	23.33	1.04	79.25	999.00	163.40	18.24	1.43	77.53	157.30	2.73	20.56	71.80	999.00	6.95	999.00	5.05	0.00
21	5	21	2	178.00	20.92	0.93	77.10	999.00	168.50	16.81	1.51	75.77	158.70	3.15	15.54	70.95	999.00	5.73	999.00	4.54	0.00
21	5	21	3	187.10	19.09	1.40	75.21	999.00	177.60	14.70	1.91	73.94	172.70	2.56	13.24	70.29	999.00	4.74	999.00	3.20	0.00
21	5	21	4	185.10	18.69	2.03	74.66	999.00	173.30	14.73	3.02	72.83	152.20	2.96	13.53	69.10	999.00	5.40	999.00	3.77	0.00
21	5	21	5	187.10	17.42	2.50	71.97	999.00	175.60	13.93	2.77	70.97	173.90	2.86	15.68	68.18	999.00	3.24	999.00	2.46	0.00
21	5	21	6	189.70	16.40	4.06	70.20	999.00	179.40	12.19	4.15	69.14	163.00	2.71	12.18	67.12	999.00	3.44	999.00	2.10	0.00
21	5	21	7	199.20	19.82	1.63	70.77	999.00	189.70	16.51	2.81	69.07	182.00	4.04	10.19	65.94	999.00	6.39	999.00	4.50	0.00
21	5	21	8	205.30	18.47	3.95	71.46	999.00	196.50	14.99	4.66	69.99	182.70	4.33	14.92	66.84	999.00	3.59	999.00	2.27	0.00
21	5	21	9	200.20	11.38	6.28	70.13	999.00	197.20	9.05	7.25	69.65	201.80	5.08	13.67	69.72	999.00	-1.66	999.00	-1.39	0.00
21	5	21	10	203.10	9.40	4.70	71.37	999.00	198.80	8.61	5.51	71.84	209.30	6.21	13.70	73.53	999.00	-2.35	999.00	-1.77	0.00
21	5	21	11	211.50	10.79	9.24	75.47	999.00	208.80	9.64	12.15	76.00	208.10	6.34	19.37	77.80	999.00	-2.46	999.00	-1.89	0.00
21	5	21	12	221.60	9.37	12.94	75.47	999.00	219.70	8.74	12.89	76.00	223.60	6.39	18.95	77.80	999.00	-2.57	999.00	-2.01	0.00
21	5	21	13	218.90	10.27	16.03	81.17	999.00	217.60	9.59	18.53	81.75	229.80	7.53	17.09	83.88	999.00	-2.64	999.00	-2.00	0.00
21	5	21	14	217.50	9.46	17.18	82.00	999.00	213.80	8.89	18.06	82.60	216.30	6.69	22.45	84.75	999.00	-2.96	999.00	-2.43	0.00
21	5	21	15	34.04	6.28	17.45	81.51	999.00	35.75	6.18	16.17	81.94	38.42	7.42	28.33	82.70	999.00	-0.96	999.00	-0.61	0.00
21	5	21	16	61.36	6.54	10.85	80.83	999.00	56.33	7.34	10.99	80.51	64.70	6.46	18.97	80.72	999.00	0.74	999.00	0.60	0.00
21	5	21	17	72.00	9.34	6.25	79.71	999.00	71.60	11.90	8.79	78.52	87.50	6.72	18.56	78.00	999.00	1.80	999.00	0.46	0.00
21	5	21	18	80.10	10.79	4.72	79.41	999.00	77.30	11.62	6.02	78.58	77.90	6.15	15.96	78.45	999.00	1.69	999.00	0.88	0.00
21	5	21	19	93.00	12.51	1.85	79.59	999.00	89.10	13.12	5.29	78.70	93.60	5.06	17.93	77.47	999.00	1.99	999.00	1.25	0.00
21	5	21	20	101.10	12.46	1.65	79.56	999.00	100.50	13.25	3.79	78.51	108.60	4.85	12.76	76.60	999.00	3.00	999.00	2.79	0.00
21	5	21	21	118.20	13.44	1.80	79.08	999.00	116.40	11.92	2.88	78.62	126.40	3.97	10.46	76.37	999.00	2.07	999.00	1.72	0.00
21	5	21	22	139.00	9.75	3.35	79.08	999.00	125.90	9.53	2.07	78.62	152.80	1.95	15.08	76.37	999.00	5.24	999.00	3.24	0.00
21	5	21	23	212.00	8.70	6.20	80.36	999.00	197.30	8.21	8.08	79.76	177.40	3.27	7.58	74.05	999.00	6.60	999.00	6.75	0.00
21	5	21	24	250.40	11.52	2.44	78.99	999.00	236.70	9.60	2.47	79.10	184.80	2.91	8.03	73.85	999.00	4.18	999.00	3.97	0.00
21	5	22	1	254.10	18.06	0.72	78.99	999.00	244.00	13.84	1.37	79.10	203.50	2.83	9.46	73.85	999.00	5.36	999.00	4.21	0.00
21	5	22	2	256.00	17.82	0.79	77.52	999.00	245.40	14.53	1.41	76.51	207.20	3.64	8.43	71.63	999.00	5.64	999.00	4.75	0.00
21	5	22	3	249.50	17.12	2.04	75.18	999.00	236.30	13.48	2.20	73.83	201.90	4.14	11.08	70.13	999.00	4.54	999.00	3.03	0.00
21	5	22	4	249.20	17.27	1.71	73.21	999.00	234.90	14.54	1.47	71.66	204.70	3.77	11.03	68.18	999.00	5.04	999.00	3.74	0.00
21	5	22	5	258.30	18.71	2.62	72.15	999.00	242.90	13.38	4.16	70.44	204.60	3.78	15.64	67.34	999.00	4.85	999.00	2.81	0.00
21	5	22	6	257.40	21.54	1.00	72.52	999.00	244.40	14.98	2.72	69.90	210.80	4.49	12.89	66.57	999.00	6.64	999.00	3.49	0.00
21	5	22	7	260.70	20.12	1.64	71.29	999.00	244.20	15.83	2.77	68.88	218.90	6.11	9.18	65.85	999.00	5.47	999.00	2.98	0.00
21	5	22	8	258.40	14.98	5.22	70.74	999.00	239.00	12.59	3.74	68.58	218.80	5.80	11.88	66.72	999.00	2.95	999.00	1.20	0.00
21	5	22	9	245.50	11.55	5.78	69.08	999.00	232.50	9.30	4.88	68.15	219.40	6.10	11.33	68.08	999.00	0.01	999.00	-0.47	0.00
21	5	22	10	241.10	12.68	4.94	69.62	999.00	234.10	11.44	4.90	69.65	232.30	8.40	8.85	70.69	999.00	-1.49	999.00	-1.24	0.00
21	5	22	11	268.40	10.42	9.81	71.66	999.00	263.20	9.69	10.14	71.99	263.50	6.44	12.32	73.23	999.00	-1.68	999.00	-1.21	0.00
21	5	22	12	276.40	10.18	8.04	72.82	999.00	273.60	9.96	8.46	73.37	275.30	7.50	12.41	74.95	999.00	-2.04	999.00	-1.51	0.00
21	5	22	13	272.40	10.41	8.17	73.66	999.00	269.60	9.76	9.85	74.22	271.50	7.59	17.03	76.15	999.00	-2.96	999.00	-2.39	0.00
21	5	22	14	272.80	6.43	18.27	76.23	999.00	271.80	6.07	18.43	76.79	281.50	4.74	26.67	79.15	999.00	-2.63	999.00	-2.07	0.00
21	5	22	15	242.00	10.78	10.51	78.13	999.00	239.90	10.14	11.03	78.73	239.50	7.64	18.22	80.88	999.00	-2.59	999.00	-2.00	0.00
21	5	22	16	249.50	12.73	14.02	79.78	999.00	246.40	11.96	15.43	80.28	246.40	9.31	26.67	82.72	999.00	-2.91	999.00	-2.44	0.00
21	5	22	17	226.80	11.67	11.73	80.69	999.00	223.40	10.92	11.85	81.21	224.30	8.14	14.77	83.30	999.00	-2.49	999.00	-2.02	0.00
21	5	22	18	249.40	11.78	10.84	81.69	999.00	246.70	10.87	11.19	82.20	241.90	7.97	16.64	84.02	999.00	-2.17	999.00	-1.72	0.00
21	5	22	19	247.20	11.90	9.44	82.30	999.00	244.00	10.90	10.04	82.77	240.80	7.58	14.00	84.22	999.00	-1.88	999.00	-1.41	0.00
21	5	22	20	232.20	12.64	3.75	82.35	999.00	229.60	11.56	4.39	82.78	232.10	6.42	11.35	83.22	999.00	-0.47	999.00	-0.09	0.00

21	5	22	21	226.70	15.51	1.75	81.72	999.00	222.80	12.93	2.41	81.95	216.60	5.00	8.83	81.50	999.00	0.83	999.00	0.83	0.00
21	5	22	22	225.80	15.30	1.32	80.65	999.00	219.80	12.66	1.83	80.45	211.00	4.12	10.21	79.25	999.00	1.54	999.00	1.36	0.00
21	5	22	23	233.70	19.52	2.08	79.41	999.00	228.80	15.64	2.29	78.87	225.10	6.12	7.40	77.03	999.00	2.31	999.00	1.80	0.00
21	5	22	24	244.10	19.46	2.58	77.59	999.00	236.80	15.19	3.49	77.26	230.40	6.92	8.60	75.98	999.00	1.42	999.00	0.93	0.00
21	5	23	1	248.60	20.11	1.70	76.34	999.00	241.20	15.58	2.56	75.59	230.30	5.88	7.92	73.92	999.00	2.52	999.00	1.85	0.00
21	5	23	2	264.80	21.47	4.79	76.08	999.00	254.30	17.15	4.49	74.87	241.20	6.96	8.71	73.10	999.00	3.41	999.00	1.88	0.00
21	5	23	3	258.70	19.95	2.97	75.39	999.00	249.00	15.77	4.02	74.21	232.70	7.69	8.20	72.85	999.00	1.38	999.00	0.71	0.00
21	5	23	4	266.40	21.27	2.46	72.84	999.00	258.00	16.49	4.72	72.24	249.60	7.17	10.42	71.60	999.00	1.52	999.00	0.73	0.00
21	5	23	5	274.30	19.06	1.39	72.73	999.00	267.00	15.04	2.73	71.86	257.70	5.47	8.88	71.03	999.00	2.01	999.00	1.24	0.00
21	5	23	6	263.50	16.71	2.79	73.33	999.00	252.40	12.73	3.80	72.80	218.60	4.06	10.83	71.17	999.00	2.58	999.00	1.89	0.00
21	5	23	7	267.70	16.36	3.32	72.50	999.00	255.10	12.84	4.44	71.65	225.20	4.43	10.33	69.84	999.00	2.63	999.00	1.76	0.00
21	5	23	8	285.50	15.55	6.39	72.63	999.00	276.70	12.62	7.07	72.43	259.10	5.27	12.88	71.25	999.00	0.12	999.00	0.18	0.00
21	5	23	9	283.30	13.73	8.19	72.91	999.00	276.50	12.88	8.12	73.19	269.90	8.79	11.72	73.55	999.00	-1.21	999.00	-0.77	0.00
21	5	23	10	251.40	10.48	10.17	73.55	999.00	245.80	9.07	10.27	74.05	233.90	6.86	11.28	75.28	999.00	-1.79	999.00	-1.35	0.00
21	5	23	11	290.00	12.98	9.51	75.38	999.00	288.70	12.79	9.95	75.97	293.80	9.79	17.07	77.97	999.00	-3.11	999.00	-2.46	0.00
21	5	23	12	287.10	12.36	11.93	77.73	999.00	284.90	12.11	12.62	78.29	288.80	8.42	17.51	80.82	999.00	-2.98	999.00	-2.35	0.00
21	5	23	13	304.90	10.22	8.20	78.60	999.00	303.10	10.27	9.62	79.22	311.50	7.85	14.70	81.77	999.00	-3.21	999.00	-2.57	0.00
21	5	23	14	326.70	12.65	5.55	79.60	999.00	329.40	12.34	6.61	80.23	338.60	10.52	9.96	82.15	999.00	-2.00	999.00	-1.42	0.00
21	5	23	15	316.30	10.56	10.96	80.79	999.00	320.70	10.52	11.24	81.43	336.10	9.14	13.12	83.30	999.00	-2.28	999.00	-1.59	0.00
21	5	23	16	335.40	9.99	6.08	81.72	999.00	339.40	8.84	7.69	82.20	358.30	7.05	9.70	83.18	999.00	-1.20	999.00	-0.86	0.00
21	5	23	17	356.00	4.66	11.96	82.32	999.00	8.08	3.41	13.35	82.49	44.86	3.94	20.07	83.00	999.00	-0.06	999.00	-0.06	0.00
21	5	23	18	345.90	3.81	12.77	82.62	999.00	19.34	3.21	18.68	82.07	84.60	3.87	16.77	80.32	999.00	4.29	999.00	3.23	0.00
21	5	23	19	299.40	25.14	13.19	78.21	999.00	295.50	23.28	12.62	77.66	294.70	14.19	16.28	76.50	999.00	-1.44	999.00	-1.11	0.37
21	5	23	20	12.63	23.92	4.97	63.77	999.00	10.39	19.12	6.57	63.95	11.45	16.32	10.18	65.36	999.00	-1.64	999.00	-1.33	0.08
21	5	23	21	16.34	20.07	5.69	61.23	999.00	14.75	15.32	7.68	61.32	17.79	14.76	10.60	62.67	999.00	-1.58	999.00	-1.41	0.01
21	5	23	22	21.33	13.53	6.11	60.39	999.00	19.75	10.87	7.04	60.40	26.75	11.45	9.31	61.58	999.00	-1.18	999.00	-0.96	0.04
21	5	23	23	54.63	7.95	9.20	59.82	999.00	51.36	7.38	10.23	60.08	62.82	4.52	17.36	60.95	999.00	-1.09	999.00	-0.77	0.00
21	5	23	24	35.72	8.19	9.46	59.65	999.00	32.29	7.93	9.39	59.84	33.60	8.09	16.45	60.98	999.00	-1.35	999.00	-1.31	0.00
21	5	24	1	36.78	10.85	6.88	58.51	999.00	35.23	10.74	6.56	58.28	44.26	8.48	12.92	59.87	999.00	-1.31	999.00	-1.64	0.00
21	5	24	2	23.83	8.31	9.83	57.92	999.00	19.94	7.20	10.44	57.67	17.26	7.66	11.02	59.28	999.00	-1.59	999.00	-1.87	0.00
21	5	24	3	1.96	6.89	13.92	57.35	999.00	358.70	6.43	13.84	56.93	6.90	6.47	18.00	59.07	999.00	-1.73	999.00	-2.16	0.00
21	5	24	4	29.89	7.31	9.58	57.35	999.00	27.48	7.00	9.35	56.93	34.98	6.49	13.70	59.07	999.00	-1.72	999.00	-2.03	0.00
21	5	24	5	7.12	5.05	11.21	57.05	999.00	4.81	4.52	15.66	57.22	357.30	4.66	16.57	58.83	999.00	-1.82	999.00	-0.99	0.00
21	5	24	6	24.53	4.88	14.97	56.90	999.00	17.13	4.39	14.54	57.77	11.63	5.39	14.34	58.10	999.00	-1.10	999.00	-0.18	0.00
21	5	24	7	23.69	6.41	9.54	57.10	999.00	19.68	5.78	10.96	57.87	17.07	6.26	11.40	58.32	999.00	-1.72	999.00	-1.03	0.00
21	5	24	8	333.40	4.05	10.47	57.74	999.00	326.10	4.06	11.02	58.23	322.80	3.44	15.39	59.21	999.00	-1.45	999.00	-1.04	0.00
21	5	24	9	348.80	2.72	18.69	58.09	999.00	347.60	2.63	12.48	58.88	359.80	2.30	26.63	59.85	999.00	-2.13	999.00	-0.88	0.00
21	5	24	10	343.30	2.17	18.61	59.27	999.00	341.20	2.13	15.16	60.09	1.23	2.20	24.61	61.01	999.00	-1.63	999.00	-0.99	0.00
21	5	24	11	230.20	1.75	44.91	60.49	999.00	275.40	1.42	53.62	61.22	331.60	1.83	50.11	62.26	999.00	-2.47	999.00	-1.74	0.00
21	5	24	12	40.30	3.22	20.20	63.51	999.00	35.34	3.58	22.51	63.97	28.93	4.86	18.43	64.64	999.00	-0.28	999.00	-0.34	0.00
21	5	24	13	39.26	7.47	8.79	62.19	999.00	42.02	7.93	6.08	62.52	52.39	7.45	12.12	63.48	999.00	-1.21	999.00	-1.11	0.00
21	5	24	14	67.90	5.53	11.48	62.53	999.00	66.16	5.75	13.03	62.83	69.30	4.75	22.03	64.08	999.00	-2.25	999.00	-1.71	0.00
21	5	24	15	73.40	7.32	10.98	63.49	999.00	64.29	7.78	10.54	64.16	59.59	7.17	14.83	66.11	999.00	-2.61	999.00	-1.93	0.00
21	5	24	16	94.80	6.41	7.07	65.30	999.00	86.70	7.40	9.09	65.68	80.10	6.66	13.65	67.70	999.00	-1.46	999.00	-1.78	0.00
21	5	24	17	97.90	8.52	6.93	67.39	999.00	89.50	7.55	7.99	67.22	76.40	6.30	14.85	69.30	999.00	-1.94	999.00	-2.04	0.00
21	5	24	18	91.20	9.95	3.54	69.03	999.00	85.30	9.22	5.88	68.83	74.30	7.28	12.43	70.29	999.00	-0.63	999.00	-1.27	0.00

21	5	24	19	102.40	11.71	2.76	70.34	999.00	92.50	11.67	6.86	69.40	88.90	6.29	16.62	70.12	999.00	0.82	999.00	-0.46	0.00
21	5	24	20	107.90	14.22	2.10	71.58	999.00	97.70	13.17	3.63	70.31	88.70	5.50	15.03	70.95	999.00	0.95	999.00	-0.01	0.00
21	5	24	21	108.50	14.74	1.21	71.65	999.00	105.00	14.68	1.54	71.16	102.00	5.23	14.15	70.06	999.00	1.84	999.00	1.27	0.00
21	5	24	22	116.70	16.56	1.42	71.59	999.00	107.00	13.52	3.11	70.33	98.00	5.40	15.13	70.06	999.00	1.99	999.00	0.13	0.00
21	5	24	23	123.60	16.51	1.27	72.05	999.00	114.00	13.81	2.33	70.33	105.50	5.89	12.34	69.54	999.00	2.83	999.00	1.48	0.00
21	5	24	24	133.90	16.78	1.95	72.18	999.00	129.00	12.32	3.27	70.56	130.60	3.63	15.61	69.78	999.00	1.68	999.00	0.75	0.00
21	5	25	1	149.80	15.45	3.85	72.14	999.00	143.10	11.78	5.16	71.48	137.00	3.64	17.30	71.32	999.00	0.34	999.00	-0.01	0.00
21	5	25	2	164.40	17.77	2.70	999.00	999.00	157.60	14.20	3.51	999.00	165.50	3.71	19.11	72.37	999.00	1.10	999.00	0.53	0.00
21	5	25	3	175.10	16.77	2.98	999.00	999.00	170.00	13.41	3.47	999.00	180.20	3.52	17.89	73.17	999.00	0.59	999.00	0.37	0.00
21	5	25	4	186.70	17.53	2.67	73.57	999.00	183.90	14.03	3.81	73.38	189.50	4.33	14.51	73.00	999.00	0.47	999.00	0.34	0.00
21	5	25	5	207.70	16.22	3.62	72.43	999.00	200.60	13.30	3.43	72.30	199.70	4.95	13.96	72.10	999.00	0.60	999.00	0.25	0.00
21	5	25	6	230.90	18.68	2.49	72.80	999.00	218.80	15.21	2.00	71.82	203.80	5.51	12.10	70.90	999.00	3.06	999.00	1.30	0.00
21	5	25	7	230.80	17.42	2.64	74.94	999.00	217.70	14.80	2.22	72.68	192.10	4.97	10.31	70.33	999.00	4.17	999.00	2.27	0.00
21	5	25	8	221.40	16.80	3.52	74.94	999.00	212.50	12.57	5.16	72.68	202.90	5.56	12.34	70.33	999.00	1.07	999.00	0.14	0.00
21	5	25	9	210.20	11.37	6.66	72.56	999.00	205.90	9.88	7.51	72.05	206.00	5.66	15.13	72.67	999.00	-1.72	999.00	-1.43	0.00
21	5	25	10	217.10	11.30	7.89	74.09	999.00	214.10	10.48	8.78	74.53	217.40	8.06	11.96	76.32	999.00	-2.40	999.00	-1.90	0.00
21	5	25	11	222.70	16.26	5.30	76.70	999.00	219.60	15.77	5.45	77.17	219.80	10.99	11.22	79.00	999.00	-2.23	999.00	-1.79	0.00
21	5	25	12	211.70	16.05	7.20	79.04	999.00	209.30	14.86	7.79	79.49	210.70	9.40	14.97	81.35	999.00	-2.35	999.00	-1.86	0.00
21	5	25	13	233.00	22.01	7.61	80.99	999.00	231.40	20.88	7.91	81.47	235.60	14.96	11.64	83.05	999.00	-2.03	999.00	-1.56	0.00
21	5	25	14	234.70	23.31	6.04	82.61	999.00	232.50	21.95	6.78	83.07	233.50	15.67	11.91	84.88	999.00	-2.31	999.00	-1.86	0.00
21	5	25	15	229.70	19.76	8.71	83.58	999.00	228.70	18.52	9.55	84.03	230.60	13.54	11.84	85.72	999.00	-2.24	999.00	-1.78	0.00
21	5	25	16	232.30	24.50	6.83	84.70	999.00	231.00	22.98	7.48	85.14	233.30	15.02	11.44	86.50	999.00	-1.72	999.00	-1.29	0.00
21	5	25	17	224.20	19.41	9.08	85.32	999.00	221.80	18.45	9.15	85.78	220.70	12.43	14.06	86.93	999.00	-1.92	999.00	-1.49	0.00
21	5	25	18	223.50	18.73	6.02	85.21	999.00	221.70	17.30	6.45	85.65	224.10	10.86	11.45	86.35	999.00	-1.10	999.00	-0.67	0.00
21	5	25	19	240.00	19.69	7.47	85.32	999.00	237.40	18.11	8.73	85.77	237.60	12.50	11.71	86.55	999.00	-1.18	999.00	-0.73	0.00
21	5	25	20	248.00	17.26	5.52	83.62	999.00	246.00	14.93	6.35	84.02	244.20	8.83	11.06	84.43	999.00	-0.71	999.00	-0.32	0.00
21	5	25	21	232.50	16.28	2.78	81.89	999.00	229.70	14.09	3.42	82.19	224.60	7.40	8.50	82.07	999.00	0.21	999.00	0.48	0.00
21	5	25	22	222.40	20.18	2.11	81.07	999.00	217.40	17.25	2.41	81.02	207.00	6.08	14.40	79.63	999.00	2.08	999.00	2.00	0.00
21	5	25	23	213.30	20.58	1.52	80.34	999.00	208.50	16.46	2.30	79.96	202.10	4.60	13.50	77.97	999.00	2.55	999.00	1.89	0.00
21	5	25	24	213.70	21.01	2.09	80.34	999.00	208.10	17.01	3.29	79.96	202.50	5.78	14.65	77.97	999.00	1.88	999.00	1.33	0.00
21	5	26	1	205.70	21.05	3.90	77.46	999.00	199.70	16.86	4.71	77.01	198.30	5.74	13.52	75.80	999.00	1.71	999.00	1.11	0.00
21	5	26	2	199.90	20.47	3.33	76.17	999.00	195.20	16.47	4.25	75.79	192.60	5.68	14.84	74.98	999.00	1.26	999.00	0.83	0.00
21	5	26	3	199.00	20.96	3.68	75.31	999.00	194.40	17.34	4.52	75.14	194.90	6.71	15.07	74.65	999.00	0.41	999.00	0.32	0.16
21	5	26	4	199.80	22.37	4.56	71.82	999.00	195.90	18.11	6.55	72.16	198.20	7.24	15.73	71.78	999.00	0.29	999.00	0.31	0.00
21	5	26	5	218.10	14.77	2.25	70.21	999.00	215.70	12.17	2.91	70.17	214.60	5.75	10.86	70.23	999.00	-0.14	999.00	-0.10	0.00
21	5	26	6	219.30	20.67	3.89	70.37	999.00	215.70	16.49	4.61	69.92	213.30	6.69	12.84	69.25	999.00	1.27	999.00	0.82	0.00
21	5	26	7	241.80	19.98	4.58	69.98	999.00	237.50	17.26	5.69	70.30	238.60	9.46	10.57	70.50	999.00	-0.66	999.00	-0.31	0.03
21	5	26	8	225.50	15.72	4.02	68.89	999.00	219.80	13.44	5.19	69.19	214.10	7.07	12.67	69.77	999.00	-0.87	999.00	-0.65	0.00
21	5	26	9	222.20	17.39	5.62	69.11	999.00	215.40	15.12	6.78	69.38	215.10	9.21	11.22	70.28	999.00	-1.35	999.00	-0.98	0.00
21	5	26	10	232.00	18.50	7.28	69.81	999.00	230.10	17.87	7.37	70.31	231.70	12.98	11.37	71.45	999.00	-1.71	999.00	-1.15	0.00
21	5	26	11	255.40	20.32	6.59	69.92	999.00	252.60	18.81	6.93	70.47	253.90	12.68	10.45	71.60	999.00	-1.64	999.00	-1.05	0.17
21	5	26	12	256.20	13.12	8.53	69.92	999.00	254.70	11.69	9.17	70.47	254.40	7.36	13.78	71.60	999.00	-0.94	999.00	-0.41	0.18
21	5	26	13	190.60	8.25	7.45	65.40	999.00	184.70	7.88	7.27	65.93	185.60	4.57	16.18	66.62	999.00	-1.49	999.00	-0.95	0.01
21	5	26	14	212.80	13.00	16.66	65.61	999.00	210.20	12.79	17.50	66.19	213.00	9.02	23.42	67.89	999.00	-2.48	999.00	-1.89	0.00
21	5	26	15	228.40	14.40	6.17	66.78	999.00	226.70	13.91	6.54	67.39	229.40	10.64	13.22	69.32	999.00	-3.22	999.00	-2.73	0.00
21	5	26	16	230.00	16.52	8.41	68.70	999.00	227.40	16.01	8.37	69.17	227.70	12.21	11.41	71.82	999.00	-3.66	999.00	-3.22	0.00

21	5	26	17	230.90	20.22	4.59	70.09	999.00	228.40	19.56	5.32	70.59	229.60	14.16	10.77	72.05	999.00	-1.38	999.00	-0.90	0.00
21	5	26	18	234.30	18.68	5.90	71.60	999.00	231.10	17.69	6.32	72.12	233.80	12.09	10.89	73.75	999.00	-1.83	999.00	-1.31	0.00
21	5	26	19	245.60	22.79	12.92	72.51	999.00	243.90	21.26	13.12	73.02	244.00	14.02	15.44	74.35	999.00	-1.48	999.00	-0.98	0.04
21	5	26	20	278.00	18.60	4.65	69.01	999.00	273.20	16.65	5.59	69.10	267.20	9.55	11.42	68.23	999.00	0.23	999.00	0.58	0.00
21	5	26	21	287.90	15.83	6.32	70.31	999.00	281.70	13.22	6.88	70.46	267.10	5.64	10.28	69.11	999.00	1.41	999.00	1.54	0.00
21	5	26	22	290.40	15.47	2.41	70.48	999.00	283.80	12.97	3.41	70.56	262.70	4.57	9.05	67.94	999.00	3.24	999.00	3.26	0.00
21	5	26	23	302.90	14.19	4.70	70.21	999.00	299.80	12.90	4.87	70.27	283.70	5.11	8.81	66.22	999.00	4.67	999.00	4.96	0.00
21	5	26	24	319.50	21.61	3.36	69.26	999.00	315.30	18.59	4.67	69.40	310.90	9.33	9.58	68.02	999.00	0.81	999.00	0.86	0.00
21	5	27	1	54.43	15.43	4.28	64.35	999.00	51.48	14.35	5.27	64.60	59.04	9.15	12.62	64.90	999.00	-1.36	999.00	-0.85	0.00
21	5	27	2	59.40	16.47	4.24	59.57	999.00	55.37	16.01	4.79	60.09	61.49	10.88	11.95	60.96	999.00	-1.38	999.00	-0.86	0.00
21	5	27	3	52.45	19.75	4.87	57.86	999.00	47.97	19.11	5.04	58.41	52.50	12.33	12.24	59.36	999.00	-1.54	999.00	-0.99	0.00
21	5	27	4	51.78	20.11	4.20	55.61	999.00	47.44	19.20	5.26	56.18	50.77	12.99	11.92	57.20	999.00	-1.58	999.00	-1.02	0.00
21	5	27	5	49.97	18.57	5.93	53.98	999.00	45.38	17.73	6.65	54.53	48.69	12.99	11.79	55.54	999.00	-1.58	999.00	-1.02	0.00
21	5	27	6	50.37	16.79	5.90	52.66	999.00	47.19	16.57	6.13	53.23	50.62	11.55	11.68	54.22	999.00	-1.60	999.00	-1.04	0.00
21	5	27	7	53.83	13.20	7.39	52.17	999.00	50.69	12.68	6.75	52.77	59.72	8.79	13.02	53.76	999.00	-1.65	999.00	-1.00	0.00
21	5	27	8	48.93	10.77	11.06	52.36	999.00	46.29	10.28	12.11	53.02	52.53	7.69	17.72	54.16	999.00	-1.84	999.00	-1.18	0.00
21	5	27	9	56.30	10.32	8.72	52.18	999.00	53.09	9.78	10.61	52.77	60.08	7.48	16.97	54.12	999.00	-2.07	999.00	-1.46	0.00
21	5	27	10	61.69	9.92	10.66	52.19	999.00	57.86	9.73	11.62	52.82	54.32	8.50	14.79	54.39	999.00	-2.34	999.00	-1.66	0.00
21	5	27	11	65.37	9.94	9.06	51.79	999.00	60.80	10.06	9.91	52.52	68.83	7.15	20.69	54.38	999.00	-2.53	999.00	-1.77	0.00
21	5	27	12	53.74	10.32	10.04	52.33	999.00	49.96	9.93	10.80	53.06	52.46	7.47	22.99	54.96	999.00	-2.54	999.00	-1.84	0.00
21	5	27	13	56.14	9.87	12.19	52.86	999.00	50.44	9.72	13.82	53.63	48.07	7.89	22.84	55.40	999.00	-2.62	999.00	-1.91	0.00
21	5	27	14	53.65	10.32	13.73	53.25	999.00	48.01	9.91	14.85	53.92	41.82	8.48	19.53	55.90	999.00	-2.64	999.00	-2.01	0.00
21	5	27	15	58.51	11.88	6.63	53.76	999.00	55.70	11.86	7.55	54.43	63.37	9.27	13.99	56.56	999.00	-3.09	999.00	-2.30	0.00
21	5	27	16	68.38	12.64	8.54	54.92	999.00	64.47	12.29	9.57	55.57	69.69	8.81	17.66	57.74	999.00	-3.16	999.00	-2.37	0.00
21	5	27	17	76.30	14.52	5.91	55.43	999.00	71.60	14.14	7.54	56.24	73.20	9.68	16.61	58.54	999.00	-3.05	999.00	-2.28	0.00
21	5	27	18	76.30	14.14	6.39	55.43	999.00	72.80	14.02	6.69	56.24	76.40	8.48	17.50	58.54	999.00	-2.54	999.00	-1.88	0.00
21	5	27	19	79.10	13.21	5.05	56.78	999.00	75.20	12.99	6.18	57.41	79.30	7.90	16.84	58.95	999.00	-2.06	999.00	-1.44	0.00
21	5	27	20	60.02	22.69	6.13	57.54	999.00	55.94	22.28	6.64	58.12	60.96	14.44	13.27	59.44	999.00	-1.82	999.00	-1.25	0.00
21	5	27	21	56.14	25.49	5.60	56.78	999.00	52.03	24.03	6.82	57.37	55.76	15.95	11.49	58.61	999.00	-1.82	999.00	-1.23	0.00
21	5	27	22	57.70	21.42	6.99	55.31	999.00	53.85	20.32	7.32	55.90	58.48	13.88	13.02	57.11	999.00	-1.80	999.00	-1.21	0.00
21	5	27	23	59.30	24.30	4.43	54.57	999.00	56.03	23.26	5.25	55.14	59.59	14.33	12.93	56.35	999.00	-1.80	999.00	-1.22	0.00
21	5	27	24	62.62	20.67	5.75	54.28	999.00	57.95	20.18	5.89	54.84	60.69	13.07	12.49	56.02	999.00	-1.67	999.00	-1.13	0.00
21	5	28	1	66.33	21.20	4.66	54.42	999.00	62.38	20.44	5.19	54.98	64.29	12.92	14.92	56.17	999.00	-1.72	999.00	-1.16	0.00
21	5	28	2	77.60	22.50	5.14	54.89	999.00	73.30	21.44	6.14	55.46	75.00	12.07	15.44	56.63	999.00	-1.70	999.00	-1.15	0.00
21	5	28	3	66.91	23.93	5.34	55.34	999.00	63.31	23.19	6.25	55.74	63.38	15.66	11.75	56.87	999.00	-1.59	999.00	-1.06	0.00
21	5	28	4	48.03	22.97	4.65	55.20	999.00	43.65	21.48	5.85	55.65	43.19	13.98	12.68	56.19	999.00	-0.88	999.00	-0.29	0.01
21	5	28	5	21.30	24.46	5.16	54.23	999.00	18.39	19.13	6.57	54.65	22.55	18.49	9.45	54.91	999.00	-0.52	999.00	-0.48	0.28
21	5	28	6	40.34	27.04	8.45	51.73	999.00	35.80	24.10	9.27	51.55	34.14	19.70	11.06	52.78	999.00	-1.36	999.00	-1.17	0.15
21	5	28	7	57.19	38.12	3.74	51.73	999.00	53.77	36.63	4.72	51.55	58.50	22.53	12.47	52.78	999.00	-1.53	999.00	-0.04	0.06
21	5	28	8	57.85	35.98	5.44	49.20	999.00	54.16	34.42	6.22	50.40	57.46	22.04	12.21	50.71	999.00	-1.48	999.00	-0.32	0.02
21	5	28	9	58.13	36.70	5.20	48.85	999.00	54.95	34.61	5.65	50.08	61.72	21.80	11.97	50.42	999.00	-1.57	999.00	-0.19	0.03
21	5	28	10	52.13	39.24	4.64	49.29	999.00	48.24	37.30	5.37	50.59	53.96	24.75	10.69	50.87	999.00	-1.62	999.00	-0.44	0.02
21	5	28	11	50.59	40.46	5.59	47.89	999.00	46.97	38.23	6.36	48.99	51.74	24.48	11.74	49.61	999.00	-1.81	999.00	-0.43	0.00
21	5	28	12	45.02	41.49	6.43	46.98	999.00	41.07	38.76	7.32	48.34	42.89	26.39	11.91	48.83	999.00	-1.83	999.00	-0.28	0.21
21	5	28	13	26.74	30.32	6.97	44.61	999.00	24.28	26.43	8.04	45.28	29.81	25.55	9.29	46.55	999.00	-1.87	999.00	-1.51	0.07
21	5	28	14	50.56	45.73	4.29	44.18	999.00	47.14	43.64	5.00	44.48	53.09	27.82	10.43	45.98	999.00	-2.02	999.00	-1.07	0.00

21	5	28	15	51.72	40.92	4.55	46.16	999.00	47.69	38.39	6.12	47.66	52.99	25.84	11.55	48.18	999.00	-1.89	999.00	-0.35	0.00
21	5	28	16	27.58	27.34	7.66	47.53	999.00	23.83	23.75	7.86	48.42	27.81	23.97	9.52	48.78	999.00	-1.36	999.00	-0.79	0.00
21	5	28	17	28.04	27.44	10.20	46.58	999.00	25.65	24.20	11.01	47.19	25.29	22.24	10.81	48.40	999.00	-2.10	999.00	-1.49	0.00
21	5	28	18	29.15	29.42	6.87	45.57	999.00	27.48	27.65	7.42	46.17	31.27	26.44	8.58	47.67	999.00	-2.05	999.00	-1.44	0.00
21	5	28	19	24.98	28.98	9.04	45.29	999.00	22.58	24.18	9.38	45.90	24.85	23.68	10.04	47.38	999.00	-2.13	999.00	-1.51	0.00
21	5	28	20	29.88	25.33	7.96	45.30	999.00	27.55	23.02	8.44	45.90	29.58	20.39	10.49	47.33	999.00	-2.05	999.00	-1.44	0.00
21	5	28	21	37.83	29.66	7.65	45.15	999.00	34.89	28.00	7.92	45.75	37.27	21.11	11.18	47.16	999.00	-2.03	999.00	-1.44	0.00
21	5	28	22	42.59	35.43	7.15	44.98	999.00	39.30	33.02	7.22	45.59	39.66	22.85	11.31	47.01	999.00	-2.04	999.00	-1.41	0.00
21	5	28	23	39.34	29.66	7.89	45.18	999.00	36.32	26.97	8.46	45.81	34.00	20.65	11.69	47.19	999.00	-2.02	999.00	-1.40	0.00
21	5	28	24	30.50	27.27	9.03	46.01	999.00	28.07	24.25	8.85	46.64	30.14	22.25	10.04	48.01	999.00	-1.98	999.00	-1.35	0.00
21	5	29	1	28.32	28.10	5.46	46.31	999.00	25.15	25.40	6.46	46.91	28.27	24.12	8.98	48.29	999.00	-2.01	999.00	-1.41	0.00
21	5	29	2	36.36	29.55	8.04	46.43	999.00	34.01	27.79	8.43	47.02	34.14	22.57	11.17	48.31	999.00	-1.88	999.00	-1.27	0.00
21	5	29	3	39.00	31.79	7.78	46.43	999.00	36.04	28.59	8.20	47.02	36.57	21.49	11.22	48.31	999.00	-1.93	999.00	-1.32	0.00
21	5	29	4	40.99	30.55	7.09	46.10	999.00	38.42	28.94	7.72	46.70	41.21	20.45	12.68	47.96	999.00	-1.85	999.00	-1.25	0.00
21	5	29	5	43.62	30.54	7.72	45.71	999.00	40.15	28.65	7.94	46.29	43.14	20.28	13.13	47.53	999.00	-1.82	999.00	-1.25	0.00
21	5	29	6	40.05	28.14	6.47	45.49	999.00	37.63	26.25	7.42	46.08	39.67	17.65	12.83	47.37	999.00	-1.82	999.00	-1.23	0.00
21	5	29	7	40.50	23.76	8.06	45.60	999.00	37.64	21.21	8.61	46.18	35.69	14.92	11.78	47.43	999.00	-1.87	999.00	-1.26	0.00
21	5	29	8	39.40	25.64	7.79	45.59	999.00	36.36	23.42	8.40	46.19	39.17	17.88	11.45	47.44	999.00	-1.87	999.00	-1.27	0.00
21	5	29	9	39.26	26.72	7.69	45.85	999.00	35.86	24.88	7.97	46.46	38.00	19.04	11.91	47.89	999.00	-2.00	999.00	-1.40	0.00
21	5	29	10	41.48	27.17	8.11	46.49	999.00	38.55	25.59	8.16	47.12	42.40	18.52	13.48	48.63	999.00	-2.21	999.00	-1.58	0.00
21	5	29	11	49.16	30.61	6.16	47.61	999.00	46.30	29.00	7.19	48.25	50.78	19.38	12.01	49.76	999.00	-2.23	999.00	-1.59	0.00
21	5	29	12	43.22	30.02	6.79	49.25	999.00	40.62	27.70	7.49	49.93	43.66	18.49	12.42	51.95	999.00	-2.86	999.00	-2.16	0.00
21	5	29	13	45.66	31.10	7.78	50.80	999.00	42.66	29.79	7.60	51.50	44.73	21.06	13.48	53.65	999.00	-2.94	999.00	-2.20	0.00
21	5	29	14	53.88	31.66	5.16	51.26	999.00	50.65	30.20	6.09	52.02	56.68	19.70	12.72	54.42	999.00	-3.19	999.00	-2.42	0.00
21	5	29	15	59.45	29.04	4.92	52.32	999.00	55.48	28.28	5.85	53.09	58.06	18.85	12.52	55.40	999.00	-3.09	999.00	-2.31	0.00
21	5	29	16	60.24	23.05	5.80	53.40	999.00	55.68	22.03	6.80	54.21	59.95	14.76	13.48	56.56	999.00	-3.04	999.00	-2.25	0.00
21	5	29	17	63.95	23.03	6.65	53.76	999.00	60.31	21.94	8.16	54.53	64.08	15.65	12.97	56.57	999.00	-2.62	999.00	-1.88	0.00
21	5	29	18	65.53	22.45	4.45	54.43	999.00	63.01	21.86	5.06	55.20	68.01	13.61	13.37	57.25	999.00	-2.77	999.00	-1.97	0.00
21	5	29	19	59.58	22.24	6.18	55.02	999.00	56.58	21.19	7.30	55.81	59.99	13.96	12.33	57.57	999.00	-2.42	999.00	-1.70	0.00
21	5	29	20	70.40	21.32	5.25	54.94	999.00	67.43	20.85	5.88	55.59	70.00	11.15	15.15	56.88	999.00	-1.86	999.00	-1.21	0.00
21	5	29	21	56.12	18.62	4.88	54.17	999.00	53.24	17.80	5.53	54.79	57.72	11.36	11.89	55.72	999.00	-1.40	999.00	-0.85	0.00
21	5	29	22	39.25	16.06	8.14	54.00	999.00	36.20	15.30	7.69	54.56	37.14	11.11	11.18	55.35	999.00	-1.42	999.00	-0.86	0.00
21	5	29	23	37.18	17.36	6.92	54.10	999.00	35.14	16.23	7.38	54.64	36.53	11.68	10.22	55.37	999.00	-1.37	999.00	-0.82	0.00
21	5	29	24	24.33	15.67	7.45	53.62	999.00	21.43	12.75	7.17	54.19	24.19	13.10	8.92	55.24	999.00	-1.64	999.00	-1.09	0.00
21	5	30	1	26.04	15.73	5.78	52.77	999.00	24.46	14.04	6.83	53.33	28.06	13.54	8.43	54.38	999.00	-1.66	999.00	-1.09	0.00
21	5	30	2	24.35	15.71	6.92	52.33	999.00	20.83	13.07	7.03	52.88	27.19	13.14	9.71	53.95	999.00	-1.65	999.00	-1.10	0.00
21	5	30	3	29.28	14.76	7.51	52.00	999.00	26.02	12.90	8.37	52.55	27.22	12.55	9.70	53.61	999.00	-1.62	999.00	-1.05	0.00
21	5	30	4	38.06	13.21	6.88	51.87	999.00	35.82	12.70	7.24	52.44	40.11	8.90	12.85	53.38	999.00	-1.38	999.00	-0.83	0.00
21	5	30	5	33.50	11.02	9.12	51.98	999.00	31.29	10.21	8.94	52.54	34.44	8.47	12.90	53.26	999.00	-1.30	999.00	-0.74	0.00
21	5	30	6	35.05	13.63	7.53	52.00	999.00	33.60	13.15	8.36	52.55	36.09	9.65	11.22	53.35	999.00	-1.35	999.00	-0.79	0.00
21	5	30	7	30.04	12.21	7.88	52.42	999.00	28.25	11.00	8.77	52.98	27.58	10.24	9.23	53.85	999.00	-1.47	999.00	-0.86	0.00
21	5	30	8	44.38	17.15	5.85	53.32	999.00	41.19	16.25	5.91	53.90	46.36	10.61	12.14	54.79	999.00	-1.50	999.00	-0.92	0.00
21	5	30	9	37.70	14.23	7.92	54.33	999.00	36.31	13.75	8.80	54.92	40.04	10.28	12.71	56.00	999.00	-1.76	999.00	-1.15	0.00
21	5	30	10	35.63	10.81	9.66	55.09	999.00	30.88	9.78	9.46	55.63	29.25	9.63	11.20	56.89	999.00	-1.69	999.00	-1.13	0.00
21	5	30	11	25.22	10.71	10.17	55.34	999.00	22.10	9.24	10.12	55.88	25.22	10.04	12.10	56.74	999.00	-1.31	999.00	-0.77	0.00
21	5	30	12	26.04	9.65	11.20	55.91	999.00	25.25	8.15	11.53	56.39	24.46	9.86	10.51	57.38	999.00	-1.39	999.00	-0.88	0.00

21	5	30	13	3.04	9.16	13.72	57.39	999.00	359.40	8.47	15.04	57.86	0.60	9.06	16.39	58.83	999.00	-1.51	999.00	-1.02	0.00
21	5	30	14	16.68	8.12	17.53	58.72	999.00	14.60	6.82	16.78	59.23	10.33	7.27	21.11	60.36	999.00	-1.64	999.00	-1.12	0.00
21	5	30	15	43.48	7.80	12.29	59.35	999.00	42.59	7.63	13.14	59.80	48.59	6.94	20.41	61.20	999.00	-1.91	999.00	-1.37	0.00
21	5	30	16	72.50	8.25	14.22	58.68	999.00	66.35	8.12	13.62	59.30	65.85	6.55	23.13	61.25	999.00	-2.42	999.00	-1.74	0.00
21	5	30	17	114.50	4.86	14.32	59.10	999.00	112.10	4.61	18.04	59.82	145.90	4.32	21.86	61.64	999.00	-2.70	999.00	-1.85	0.00
21	5	30	18	99.60	6.45	8.01	59.44	999.00	96.00	6.59	8.35	60.21	110.80	5.18	16.39	62.11	999.00	-2.51	999.00	-1.81	0.00
21	5	30	19	109.00	8.79	3.88	59.55	999.00	106.40	8.72	4.80	60.24	117.40	6.32	14.00	62.10	999.00	-2.54	999.00	-1.92	0.00
21	5	30	20	144.30	4.43	6.44	60.09	999.00	138.30	4.40	7.37	60.85	138.70	3.24	16.54	62.08	999.00	-1.57	999.00	-0.53	0.00
21	5	30	21	158.20	8.28	1.68	60.27	999.00	153.80	8.23	2.43	61.10	160.10	2.57	21.03	61.34	999.00	-0.62	999.00	-0.16	0.00
21	5	30	22	157.40	8.96	2.92	59.38	999.00	147.00	9.02	2.22	59.67	148.50	2.49	18.39	58.69	999.00	1.03	999.00	1.25	0.00
21	5	30	23	164.90	10.15	1.71	59.38	999.00	158.80	9.71	1.37	59.67	170.60	1.99	21.14	58.69	999.00	2.51	999.00	2.64	0.00
21	5	30	24	168.70	11.63	1.42	59.55	999.00	161.60	11.77	1.59	59.68	174.50	2.27	16.81	55.98	999.00	3.70	999.00	3.70	0.00
21	5	31	1	180.50	13.14	2.15	59.33	999.00	174.80	12.75	3.51	59.17	186.50	3.28	11.69	55.00	999.00	4.98	999.00	4.78	0.00
21	5	31	2	196.20	11.74	1.44	59.33	999.00	195.50	12.29	1.72	58.91	210.10	3.52	9.72	53.85	999.00	5.35	999.00	4.60	0.00
21	5	31	3	203.60	12.05	1.04	59.05	999.00	206.90	12.07	1.70	58.91	198.40	3.22	8.09	52.81	999.00	6.80	999.00	6.84	0.00
21	5	31	4	209.30	11.50	1.14	59.19	999.00	216.00	12.74	1.06	59.23	198.50	3.71	8.85	52.23	999.00	7.28	999.00	7.24	0.00
21	5	31	5	212.00	12.60	1.95	59.56	999.00	210.80	12.59	1.78	59.51	188.10	4.10	8.26	51.99	999.00	7.57	999.00	7.43	0.00
21	5	31	6	220.40	13.28	1.09	59.32	999.00	217.40	12.93	1.07	59.25	204.80	4.08	10.36	51.56	999.00	7.44	999.00	7.29	0.00
21	5	31	7	216.90	11.60	2.54	59.56	999.00	206.20	11.60	1.88	59.26	189.60	3.95	9.65	52.02	999.00	7.09	999.00	6.79	0.00
21	5	31	8	220.70	13.83	3.74	58.88	999.00	211.60	14.17	4.21	58.25	213.50	5.17	8.25	51.83	999.00	6.54	999.00	5.56	0.00
21	5	31	9	245.10	13.77	4.30	55.13	999.00	241.00	11.36	5.98	54.15	247.10	6.71	10.52	53.51	999.00	-0.86	999.00	-0.73	0.00
21	5	31	10	230.70	9.81	6.10	54.93	999.00	222.90	8.48	7.08	55.13	222.80	6.50	12.65	56.51	999.00	-1.78	999.00	-1.49	0.00
21	5	31	11	212.50	8.97	7.58	58.49	999.00	209.00	8.55	10.13	59.01	218.60	6.73	13.76	60.81	999.00	-2.66	999.00	-2.01	0.00
21	5	31	12	214.20	10.42	9.56	62.38	999.00	213.60	9.90	9.61	62.92	218.80	8.03	13.44	65.21	999.00	-2.87	999.00	-2.27	0.00
21	5	31	13	225.20	7.01	15.49	64.85	999.00	225.70	6.74	17.56	65.50	228.10	5.46	21.44	67.62	999.00	-2.57	999.00	-1.95	0.00
21	5	31	14	228.90	6.65	15.19	66.23	999.00	228.80	6.03	21.65	66.81	223.20	4.31	28.69	68.90	999.00	-2.67	999.00	-2.16	0.00
21	5	31	15	262.20	5.89	34.65	67.27	999.00	268.30	5.04	46.02	67.80	327.30	3.83	42.06	70.03	999.00	-2.67	999.00	-2.19	0.00
21	5	31	16	306.10	5.05	45.43	67.68	999.00	331.90	3.86	64.86	68.58	358.10	3.77	53.42	69.91	999.00	-2.13	999.00	-1.16	0.00
21	5	31	17	33.58	5.34	19.22	68.11	999.00	33.06	5.76	17.90	68.76	30.97	5.30	15.78	69.65	999.00	-1.15	999.00	-0.73	0.00
21	5	31	18	65.04	7.56	8.35	67.29	999.00	62.59	8.46	7.70	67.48	67.15	6.31	18.91	68.49	999.00	-1.73	999.00	-1.33	0.00
21	5	31	19	89.70	4.17	14.32	66.89	999.00	73.80	6.45	7.02	66.71	76.40	4.60	15.32	67.32	999.00	0.34	999.00	-0.04	0.00
21	5	31	20	224.10	3.07	12.32	67.69	999.00	187.50	1.12	34.83	67.62	90.20	2.85	13.16	66.56	999.00	1.69	999.00	2.00	0.00
21	5	31	21	239.20	3.58	6.61	68.03	999.00	240.00	1.97	9.22	68.24	23.45	0.70	13.94	66.36	999.00	1.48	999.00	1.66	0.00
21	5	31	22	265.50	3.69	11.18	67.85	999.00	247.20	3.10	12.47	68.08	0.00	0.00	0.00	65.74	999.00	2.41	999.00	2.78	0.00
21	5	31	23	227.20	2.07	95.10	67.54	999.00	172.80	1.94	86.10	67.85	153.80	2.83	27.22	65.41	999.00	2.08	999.00	2.38	0.00
21	5	31	24	172.80	4.01	10.30	67.32	999.00	175.30	4.52	9.30	67.57	151.00	2.25	20.52	64.71	999.00	2.68	999.00	2.90	0.00
21	6	1	1	187.70	3.84	6.35	67.38	999.00	186.20	4.15	3.74	67.60	164.00	2.70	5.85	64.10	999.00	3.17	999.00	3.08	0.00
21	6	1	2	203.90	5.25	3.34	67.45	999.00	208.90	6.74	8.41	67.63	198.40	3.28	7.27	64.18	999.00	3.10	999.00	3.35	0.00
21	6	1	3	265.10	6.95	3.68	66.34	999.00	260.70	7.18	4.78	65.75	169.50	1.69	24.42	62.50	999.00	4.31	999.00	4.03	0.00
21	6	1	4	290.50	8.18	3.40	66.34	999.00	280.90	7.99	3.52	65.97	173.90	1.85	9.77	61.19	999.00	5.08	999.00	4.39	0.00
21	6	1	5	313.00	5.42	6.32	66.34	999.00	298.10	3.56	11.13	65.97	151.80	2.40	11.20	61.19	999.00	5.30	999.00	4.04	0.00
21	6	1	6	334.20	6.46	4.14	64.03	999.00	333.20	4.16	8.17	63.76	195.20	1.46	17.52	59.98	999.00	2.42	999.00	2.83	0.00
21	6	1	7	4.16	3.91	12.09	62.14	999.00	337.60	2.69	11.86	62.21	235.90	2.01	6.75	59.56	999.00	3.03	999.00	3.03	0.00
21	6	1	8	282.40	2.54	28.58	62.01	999.00	250.80	2.65	19.12	62.12	224.20	4.42	8.35	59.69	999.00	1.60	999.00	1.88	0.00
21	6	1	9	356.20	5.04	13.41	62.97	999.00	343.10	4.26	12.19	63.25	293.20	1.91	37.82	61.97	999.00	0.64	999.00	0.79	0.00
21	6	1	10	5.24	3.64	14.90	64.08	999.00	0.81	3.14	14.20	64.31	344.40	3.62	19.14	64.87	999.00	-1.48	999.00	-1.00	0.00

21	6	1	11	4.24	5.36	16.11	64.08	999.00	0.68	5.02	12.23	64.31	360.00	4.61	20.06	64.87	999.00	-1.36	999.00	-0.88	0.00
21	6	1	12	34.00	4.09	16.83	64.94	999.00	34.78	4.08	15.76	65.42	23.53	4.04	21.83	66.10	999.00	-1.36	999.00	-0.56	0.00
21	6	1	13	57.21	5.40	8.72	65.02	999.00	45.67	5.43	8.94	65.46	34.15	5.38	9.26	66.29	999.00	-1.36	999.00	-0.68	0.00
21	6	1	14	70.70	6.60	10.59	66.23	999.00	66.66	6.54	9.93	66.86	81.30	5.58	21.56	67.90	999.00	-2.43	999.00	-1.71	0.00
21	6	1	15	70.30	6.90	8.19	66.25	999.00	67.82	7.11	8.32	66.93	66.30	6.09	19.09	68.93	999.00	-2.64	999.00	-1.96	0.00
21	6	1	16	54.45	8.08	4.97	66.66	999.00	51.27	8.28	6.56	67.33	51.80	6.97	11.25	68.89	999.00	-1.95	999.00	-1.40	0.00
21	6	1	17	53.40	8.10	5.71	67.45	999.00	47.82	8.49	5.63	67.99	44.07	8.61	7.89	69.17	999.00	-1.32	999.00	-0.90	0.00
21	6	1	18	61.89	7.93	5.96	67.49	999.00	57.28	8.07	5.75	68.04	60.41	7.11	10.97	69.30	999.00	-1.78	999.00	-1.19	0.00
21	6	1	19	68.02	7.72	7.52	67.06	999.00	68.61	7.64	8.31	66.80	77.80	5.02	17.05	68.00	999.00	-1.55	999.00	-1.54	0.00
21	6	1	20	75.30	10.57	2.45	67.03	999.00	73.80	9.89	3.82	67.10	78.60	3.85	17.41	68.11	999.00	-0.55	999.00	-0.47	0.00
21	6	1	21	73.60	12.00	2.96	67.25	999.00	74.40	11.75	3.53	67.15	84.60	3.97	13.28	66.97	999.00	0.64	999.00	0.48	0.00
21	6	1	22	81.50	13.56	1.48	67.30	999.00	82.60	13.83	1.85	67.14	85.40	4.87	12.48	66.24	999.00	1.67	999.00	1.63	0.00
21	6	1	23	97.90	12.88	3.84	66.34	999.00	97.40	10.96	3.99	66.03	99.00	4.61	13.46	65.71	999.00	-0.15	999.00	-0.17	0.00
21	6	1	24	106.10	15.16	2.88	65.44	999.00	103.30	12.83	2.99	65.31	95.40	4.27	14.62	65.15	999.00	1.23	999.00	0.82	0.00
21	6	2	1	116.30	15.72	1.83	66.35	999.00	112.00	13.04	2.37	65.98	116.50	4.18	14.26	64.96	999.00	1.22	999.00	0.87	0.00
21	6	2	2	120.50	17.46	2.77	66.06	999.00	116.30	13.69	5.18	65.73	111.70	4.52	16.80	64.89	999.00	0.99	999.00	0.61	0.00
21	6	2	3	116.10	12.70	3.41	66.06	999.00	110.40	10.75	3.88	65.73	111.20	4.52	12.04	64.89	999.00	-0.10	999.00	0.08	0.00
21	6	2	4	116.50	11.46	3.87	64.12	999.00	101.80	9.69	3.88	64.29	96.30	3.85	11.56	64.26	999.00	-0.14	999.00	-0.05	0.00
21	6	2	5	120.90	11.30	4.61	63.89	999.00	110.60	9.44	4.73	63.91	101.50	3.43	14.97	63.90	999.00	0.14	999.00	0.08	0.00
21	6	2	6	140.50	13.40	4.77	63.75	999.00	130.60	9.91	6.19	63.71	114.40	3.69	14.36	63.71	999.00	0.01	999.00	-0.19	0.00
21	6	2	7	158.30	13.51	4.56	64.12	999.00	152.30	11.63	5.03	64.10	148.90	4.12	21.89	63.99	999.00	-0.78	999.00	-0.47	0.00
21	6	2	8	192.00	12.96	4.94	62.33	999.00	185.60	10.66	5.35	62.61	184.20	4.46	16.31	63.23	999.00	-0.78	999.00	-0.53	0.01
21	6	2	9	227.00	10.38	3.33	62.33	999.00	214.50	9.35	5.15	62.61	199.00	3.49	14.67	63.23	999.00	-0.06	999.00	0.00	0.05
21	6	2	10	189.40	9.07	6.54	60.94	999.00	183.20	7.39	8.85	61.07	188.20	3.97	15.34	61.83	999.00	-1.59	999.00	-1.10	0.04
21	6	2	11	160.00	6.28	7.54	60.45	999.00	164.20	4.78	10.75	60.67	183.60	1.94	24.41	61.60	999.00	-1.03	999.00	-0.81	0.14
21	6	2	12	139.70	8.16	9.85	60.45	999.00	139.50	7.71	10.14	60.67	141.70	4.32	25.03	61.60	999.00	-1.50	999.00	-0.99	0.04
21	6	2	13	104.60	10.53	5.94	58.71	999.00	100.60	10.13	5.75	59.14	104.40	5.57	14.32	60.03	999.00	-1.32	999.00	-0.88	0.01
21	6	2	14	96.70	11.51	5.25	59.01	999.00	90.30	11.16	6.39	59.50	96.50	5.55	18.20	60.62	999.00	-1.95	999.00	-1.46	0.08
21	6	2	15	115.40	12.80	4.40	59.11	999.00	110.40	11.91	5.25	59.57	115.80	6.22	17.23	61.08	999.00	-1.86	999.00	-1.42	0.02
21	6	2	16	107.00	14.85	4.36	59.68	999.00	102.30	13.97	5.20	60.14	102.90	7.12	15.98	61.09	999.00	-1.49	999.00	-1.00	0.10
21	6	2	17	122.10	13.06	3.04	60.34	999.00	110.90	12.52	3.08	60.65	107.50	5.90	15.41	61.58	999.00	-1.15	999.00	-0.97	0.15
21	6	2	18	143.40	11.01	7.47	61.73	999.00	134.40	9.23	8.99	61.94	119.00	3.86	16.79	62.56	999.00	-0.72	999.00	-0.28	0.00
21	6	2	19	165.20	13.55	4.55	61.86	999.00	161.10	11.99	5.32	62.65	169.40	4.37	19.66	62.90	999.00	-1.16	999.00	-0.47	0.06
21	6	2	20	152.80	11.85	4.53	61.14	999.00	146.90	10.13	5.51	61.86	143.50	3.92	21.37	62.36	999.00	-1.22	999.00	-0.58	0.03
21	6	2	21	137.50	14.23	3.92	61.40	999.00	132.60	12.42	4.88	62.00	130.40	5.97	14.58	62.18	999.00	-0.76	999.00	-0.07	0.03
21	6	2	22	134.50	17.56	5.21	61.40	999.00	129.10	15.59	6.02	62.00	126.70	8.05	15.88	62.18	999.00	-0.83	999.00	0.04	0.20
21	6	2	23	148.10	5.99	13.84	60.48	999.00	148.90	4.95	15.94	60.85	171.30	2.11	35.69	61.38	999.00	-0.89	999.00	-0.65	0.09
21	6	2	24	96.60	10.44	5.27	59.93	999.00	90.10	10.12	6.04	60.27	90.30	4.61	15.09	61.02	999.00	-1.04	999.00	-0.68	0.04
21	6	3	1	99.50	13.02	6.11	59.58	999.00	94.10	11.64	6.98	59.89	99.00	5.81	15.44	60.64	999.00	-0.84	999.00	-0.64	0.00
21	6	3	2	198.60	13.38	10.84	60.76	999.00	192.00	11.14	12.46	60.83	183.10	3.74	27.32	61.36	999.00	-0.56	999.00	-0.51	0.01
21	6	3	3	231.80	10.95	3.17	61.02	999.00	229.70	9.37	4.77	61.13	235.20	5.56	9.05	61.93	999.00	-0.95	999.00	-0.88	0.00
21	6	3	4	236.70	12.82	3.77	61.02	999.00	235.40	11.28	4.34	61.13	237.60	6.13	9.59	61.93	999.00	-0.82	999.00	-0.87	0.00
21	6	3	5	235.50	9.18	14.56	60.85	999.00	230.70	7.52	15.60	60.97	227.20	3.50	24.33	61.75	999.00	-0.78	999.00	-0.64	0.00
21	6	3	6	250.70	9.37	4.58	60.96	999.00	241.70	8.01	6.40	61.01	227.00	4.39	13.21	61.70	999.00	-0.70	999.00	-0.79	0.00
21	6	3	7	234.60	6.64	6.36	61.29	999.00	226.30	5.23	6.18	61.23	189.20	2.76	11.50	61.87	999.00	-0.69	999.00	-0.63	0.00
21	6	3	8	206.10	8.06	5.19	61.67	999.00	195.40	6.49	5.19	61.62	174.10	2.23	16.24	62.18	999.00	-0.51	999.00	-0.58	0.00

21	6	3	9	211.20	9.23	8.80	62.36	999.00	205.60	8.29	9.41	62.25	208.60	4.70	15.39	63.49	999.00	-1.52	999.00	-1.66	0.00
21	6	3	10	213.60	8.11	6.27	63.12	999.00	209.70	7.87	7.26	62.72	212.40	5.47	16.13	64.92	999.00	-2.02	999.00	-2.58	0.00
21	6	3	11	206.90	7.51	7.46	64.65	999.00	201.50	7.11	9.01	63.65	202.50	4.27	19.20	66.85	999.00	-1.94	999.00	-2.57	0.00
21	6	3	12	198.10	8.74	5.81	65.32	999.00	195.00	8.04	7.47	64.66	193.90	4.58	20.57	67.47	999.00	-2.36	999.00	-3.06	0.00
21	6	3	13	334.80	6.89	8.50	65.62	999.00	340.80	6.84	6.96	64.95	351.50	7.02	7.40	67.73	999.00	-1.47	999.00	-1.64	0.00
21	6	3	14	76.20	3.14	64.44	65.85	999.00	58.15	2.71	50.86	65.17	50.44	3.53	58.47	67.29	999.00	-1.90	999.00	-2.99	0.00
21	6	3	15	5.79	4.34	20.38	68.33	999.00	7.64	3.96	15.26	66.23	20.00	5.64	10.77	69.08	999.00	-0.60	999.00	-3.05	0.00
21	6	3	16	33.21	3.69	17.09	67.98	999.00	34.27	3.63	11.83	67.53	27.68	5.47	11.14	68.40	999.00	-0.42	999.00	0.59	0.00
21	6	3	17	91.50	4.02	23.94	68.05	999.00	95.80	4.13	17.82	68.47	130.40	3.52	22.63	68.90	999.00	-2.09	999.00	-1.48	0.00
21	6	3	18	120.60	3.27	19.28	69.18	999.00	102.80	3.45	18.05	69.86	107.80	3.55	18.99	70.97	999.00	-1.52	999.00	-1.06	0.00
21	6	3	19	132.20	6.01	5.36	69.51	999.00	114.80	6.45	3.66	69.94	107.20	4.63	12.61	71.07	999.00	-0.80	999.00	-0.78	0.00
21	6	3	20	162.40	6.16	4.96	69.51	999.00	151.00	5.57	6.28	69.94	111.30	2.76	11.85	71.07	999.00	0.34	999.00	0.81	0.00
21	6	3	21	180.40	9.01	2.16	70.89	999.00	173.80	8.23	1.82	71.44	182.90	2.45	13.83	71.00	999.00	-0.50	999.00	-0.05	0.00
21	6	3	22	184.40	9.04	5.38	70.90	999.00	174.00	8.75	4.90	70.85	169.60	2.08	10.71	69.86	999.00	1.94	999.00	1.73	0.00
21	6	3	23	211.70	12.79	1.33	70.89	999.00	204.70	10.84	1.86	71.02	181.10	3.42	9.37	68.44	999.00	2.71	999.00	2.77	0.00
21	6	3	24	219.90	16.67	1.74	70.53	999.00	212.00	13.51	3.80	69.94	197.30	3.67	10.70	67.76	999.00	3.00	999.00	1.86	0.00
21	6	4	1	194.70	16.87	3.55	68.54	999.00	185.10	13.97	3.78	67.63	184.90	4.93	13.44	66.25	999.00	1.19	999.00	0.42	0.00
21	6	4	2	203.30	17.98	2.99	66.51	999.00	194.80	14.17	2.49	65.45	195.90	4.66	13.30	64.63	999.00	1.95	999.00	1.04	0.00
21	6	4	3	211.20	17.44	3.44	64.77	999.00	206.50	13.97	4.64	64.32	207.50	5.14	12.98	63.92	999.00	0.66	999.00	0.45	0.00
21	6	4	4	219.30	16.87	4.85	64.62	999.00	211.80	13.23	6.52	64.15	208.20	4.82	12.60	63.57	999.00	1.23	999.00	0.68	0.00
21	6	4	5	222.60	20.21	1.70	64.77	999.00	215.60	16.37	2.80	64.18	200.70	5.83	12.35	63.19	999.00	1.82	999.00	1.15	0.00
21	6	4	6	209.90	18.48	2.66	999.00	999.00	203.70	15.10	3.46	999.00	201.40	6.45	12.25	63.28	999.00	0.45	999.00	0.17	0.00
21	6	4	7	217.00	18.33	3.21	63.74	999.00	211.80	14.78	4.32	63.58	207.70	7.36	11.98	63.72	999.00	0.00	999.00	-0.19	0.00
21	6	4	8	210.50	19.74	4.74	64.10	999.00	204.60	16.90	6.54	64.05	201.30	7.93	14.30	64.26	999.00	-0.38	999.00	-0.43	0.00
21	6	4	9	220.60	17.73	4.35	64.31	999.00	216.50	15.45	5.32	64.44	216.70	8.82	10.72	64.99	999.00	-1.07	999.00	-0.78	0.00
21	6	4	10	236.30	14.87	5.35	64.91	999.00	233.60	13.32	6.21	65.27	233.10	8.89	10.01	66.21	999.00	-1.33	999.00	-0.91	0.00
21	6	4	11	223.00	15.51	4.23	66.13	999.00	219.80	14.86	5.07	66.55	218.90	10.86	10.03	67.94	999.00	-2.00	999.00	-1.53	0.00
21	6	4	12	211.70	10.71	6.22	69.36	999.00	209.50	10.37	7.53	69.83	214.20	7.51	12.43	71.89	999.00	-2.51	999.00	-2.01	0.00
21	6	4	13	221.20	17.84	4.53	72.35	999.00	219.20	17.54	4.73	72.83	219.40	12.31	11.02	74.82	999.00	-2.31	999.00	-1.89	0.00
21	6	4	14	213.10	15.99	6.55	73.69	999.00	211.70	15.11	7.62	74.14	215.50	11.23	13.62	76.10	999.00	-2.81	999.00	-2.35	0.00
21	6	4	15	225.40	18.62	4.77	76.68	999.00	223.70	17.94	5.52	77.14	223.00	12.32	11.41	78.88	999.00	-2.32	999.00	-1.89	0.00
21	6	4	16	231.70	17.99	6.38	999.00	999.00	230.80	17.35	7.21	999.00	231.00	12.21	12.25	80.47	999.00	-2.18	999.00	-1.76	0.00
21	6	4	17	238.20	21.13	5.76	80.01	999.00	236.40	19.94	6.28	80.42	235.30	14.78	9.78	81.93	999.00	-1.84	999.00	-1.45	0.00
21	6	4	18	234.40	18.71	6.90	81.45	999.00	232.60	17.50	7.43	81.86	233.60	10.79	11.48	83.10	999.00	-1.18	999.00	-0.83	0.00
21	6	4	19	236.10	14.36	5.31	82.12	999.00	232.30	13.48	5.83	82.43	232.10	7.86	10.43	83.13	999.00	-0.66	999.00	-0.36	0.00
21	6	4	20	246.00	16.07	4.00	82.82	999.00	242.50	13.83	4.59	83.06	236.60	7.43	9.22	83.05	999.00	0.24	999.00	0.41	0.00
21	6	4	21	227.20	15.58	2.77	81.79	999.00	222.40	13.43	3.78	81.91	212.20	5.51	10.26	80.95	999.00	1.16	999.00	1.07	0.00
21	6	4	22	220.30	22.01	1.47	80.56	999.00	215.20	18.78	2.00	80.15	210.70	7.15	11.56	77.78	999.00	3.04	999.00	2.60	0.00
21	6	4	23	216.50	21.61	2.21	78.41	999.00	211.20	17.66	3.29	77.92	209.20	5.35	12.64	75.98	999.00	2.56	999.00	2.06	0.00
21	6	4	24	216.20	22.37	2.32	76.66	999.00	212.60	17.64	3.20	75.98	206.80	4.80	13.86	74.10	999.00	3.10	999.00	2.34	0.00
21	6	5	1	221.40	24.18	2.07	75.13	999.00	216.50	20.05	3.70	74.60	215.60	8.64	10.82	73.15	999.00	1.67	999.00	1.15	0.00
21	6	5	2	231.60	24.17	3.18	74.48	999.00	228.20	20.70	3.58	74.33	224.80	11.64	8.90	73.30	999.00	0.81	999.00	0.75	0.00
21	6	5	3	235.00	20.75	3.51	72.64	999.00	231.40	17.57	3.98	72.62	226.80	9.01	9.45	71.90	999.00	0.71	999.00	0.65	0.00
21	6	5	4	234.50	18.53	4.13	71.12	999.00	230.10	15.65	3.50	71.09	220.70	8.06	8.98	70.15	999.00	0.95	999.00	0.93	0.00
21	6	5	5	234.10	20.74	2.68	69.83	999.00	229.60	17.13	3.48	69.64	220.00	8.84	8.43	68.63	999.00	1.25	999.00	0.94	0.00
21	6	5	6	230.50	21.25	2.73	68.59	999.00	226.10	17.83	3.66	68.39	218.30	8.64	9.96	67.74	999.00	1.00	999.00	0.72	0.00

21	6	5	7	233.10	19.93	2.74	68.50	999.00	229.30	16.21	3.53	68.28	218.00	7.69	9.36	67.41	999.00	0.99	999.00	0.75	0.00
21	6	5	8	231.00	18.06	3.70	68.40	999.00	226.60	15.59	4.24	68.29	221.30	9.48	8.67	68.41	999.00	-0.74	999.00	-0.66	0.00
21	6	5	9	240.30	18.23	6.38	70.29	999.00	238.90	15.90	6.69	70.48	238.90	10.96	11.37	71.56	999.00	-1.66	999.00	-1.39	0.00
21	6	5	10	236.20	18.16	5.73	72.31	999.00	235.20	16.79	6.83	72.69	234.60	11.82	10.04	74.22	999.00	-1.91	999.00	-1.48	0.00
21	6	5	11	240.10	19.82	6.00	74.79	999.00	238.20	18.49	6.56	75.25	239.20	12.45	13.27	77.00	999.00	-2.31	999.00	-1.83	0.00
21	6	5	12	236.80	19.32	6.62	76.05	999.00	236.60	17.84	7.57	76.51	238.60	12.53	12.08	78.07	999.00	-2.03	999.00	-1.55	0.00
21	6	5	13	222.50	23.33	5.13	77.77	999.00	220.70	22.28	5.68	78.23	222.10	15.16	12.43	79.78	999.00	-2.32	999.00	-1.88	0.00
21	6	5	14	226.80	24.90	3.62	79.37	999.00	225.10	24.31	4.42	79.80	225.60	17.45	10.58	81.63	999.00	-2.11	999.00	-1.69	0.00
21	6	5	15	221.80	22.20	9.53	80.46	999.00	221.10	20.95	11.12	80.93	226.00	14.95	13.35	82.63	999.00	-2.36	999.00	-1.88	0.00
21	6	5	16	226.00	22.01	6.46	81.41	999.00	224.80	21.11	6.94	81.82	227.70	15.36	10.79	83.60	999.00	-2.17	999.00	-1.76	0.00
21	6	5	17	212.10	23.82	9.39	82.03	999.00	209.80	22.25	9.90	82.47	209.90	13.88	16.67	84.18	999.00	-1.97	999.00	-1.53	0.00
21	6	5	18	220.90	20.90	5.45	82.56	999.00	219.50	19.89	6.55	82.99	223.00	13.74	12.05	84.33	999.00	-1.75	999.00	-1.33	0.00
21	6	5	19	218.80	19.35	5.71	82.78	999.00	217.70	18.59	6.78	83.22	215.30	11.22	13.58	84.35	999.00	-1.56	999.00	-1.12	0.00
21	6	5	20	219.10	18.83	4.56	82.61	999.00	217.60	17.14	5.16	82.97	217.70	10.03	10.88	83.60	999.00	-0.48	999.00	-0.17	0.00
21	6	5	21	215.00	16.31	1.83	81.97	999.00	211.70	14.29	2.07	82.19	199.80	4.40	14.10	81.40	999.00	1.41	999.00	1.52	0.00
21	6	5	22	209.30	15.97	1.64	80.87	999.00	202.90	12.98	2.44	80.80	185.30	3.53	12.56	78.67	999.00	2.52	999.00	2.36	0.00
21	6	5	23	199.80	20.81	1.83	79.60	999.00	193.20	16.92	2.18	79.01	179.80	5.03	10.93	76.00	999.00	3.68	999.00	3.03	0.00
21	6	5	24	200.70	22.08	2.24	77.61	999.00	194.70	17.98	3.39	77.03	191.30	5.57	14.48	74.90	999.00	2.43	999.00	1.86	0.00
21	6	6	1	205.10	22.17	2.23	76.34	999.00	199.90	17.93	2.86	75.69	193.90	6.25	14.46	74.02	999.00	2.08	999.00	1.56	0.00
21	6	6	2	208.40	21.31	2.18	75.34	999.00	201.70	17.26	2.31	74.69	195.60	5.19	12.46	73.00	999.00	2.48	999.00	1.80	0.00
21	6	6	3	215.20	20.93	1.94	74.67	999.00	209.10	16.93	2.39	73.95	198.70	5.23	13.74	72.10	999.00	2.51	999.00	1.80	0.00
21	6	6	4	217.60	19.94	2.05	73.67	999.00	212.40	15.42	3.20	72.95	200.60	4.13	13.83	71.05	999.00	2.55	999.00	1.84	0.00
21	6	6	5	218.60	18.11	1.51	72.39	999.00	210.20	14.37	2.33	71.58	197.90	5.20	10.08	69.79	999.00	2.55	999.00	1.78	0.00
21	6	6	6	219.50	18.27	1.49	71.55	999.00	209.30	14.58	2.23	70.76	193.50	4.64	11.26	68.83	999.00	2.64	999.00	1.81	0.00
21	6	6	7	218.70	19.04	2.64	70.74	999.00	207.60	14.65	3.31	69.61	187.70	4.64	11.09	67.81	999.00	3.16	999.00	1.80	0.00
21	6	6	8	218.20	16.58	3.57	70.60	999.00	212.10	13.55	5.45	69.62	204.70	6.20	14.28	69.09	999.00	0.07	999.00	-0.35	0.00
21	6	6	9	221.90	10.88	5.54	71.19	999.00	218.40	9.11	6.09	71.32	210.40	5.14	15.47	72.18	999.00	-1.23	999.00	-0.95	0.00
21	6	6	10	226.10	10.71	6.35	74.25	999.00	224.00	10.20	6.24	74.67	225.10	7.49	12.85	76.53	999.00	-2.45	999.00	-1.99	0.00
21	6	6	11	222.40	12.82	7.48	74.25	999.00	220.50	12.35	7.93	74.67	219.60	8.31	15.36	76.53	999.00	-2.59	999.00	-2.09	0.00
21	6	6	12	221.60	13.28	11.95	79.18	999.00	220.00	12.77	14.39	79.70	223.70	9.22	16.10	81.88	999.00	-2.71	999.00	-2.21	0.00
21	6	6	13	213.90	12.29	12.20	80.53	999.00	210.50	11.12	14.93	81.06	214.60	7.48	17.59	83.10	999.00	-2.55	999.00	-1.96	0.00
21	6	6	14	210.20	11.72	18.68	81.58	999.00	210.10	11.06	18.03	82.11	217.40	8.80	17.96	84.22	999.00	-2.76	999.00	-2.13	0.00
21	6	6	15	218.30	13.25	13.99	82.78	999.00	217.50	12.65	14.67	83.39	224.50	9.21	15.18	85.47	999.00	-2.83	999.00	-2.24	0.00
21	6	6	16	225.40	14.18	8.10	83.78	999.00	224.70	13.54	8.86	84.23	228.10	10.10	13.67	86.17	999.00	-2.37	999.00	-1.95	0.00
21	6	6	17	193.40	14.19	8.15	84.53	999.00	192.50	13.25	9.35	85.01	201.10	7.59	17.51	86.65	999.00	-1.61	999.00	-1.03	0.00
21	6	6	18	204.00	15.52	10.59	84.95	999.00	201.40	14.70	11.38	85.55	203.10	8.76	16.98	86.75	999.00	-1.50	999.00	-0.95	0.00
21	6	6	19	192.70	13.56	6.24	85.25	999.00	191.30	12.84	6.30	85.78	198.50	6.86	15.02	86.88	999.00	-1.26	999.00	-0.69	0.00
21	6	6	20	189.40	16.51	4.60	84.43	999.00	186.10	14.33	5.95	84.96	192.10	5.76	15.38	85.45	999.00	-0.80	999.00	-0.35	0.00
21	6	6	21	192.60	13.76	2.86	83.43	999.00	189.90	12.10	3.39	83.81	189.70	4.13	14.14	83.92	999.00	-0.14	999.00	0.16	0.00
21	6	6	22	184.80	16.86	2.80	81.89	999.00	180.80	14.21	3.57	82.04	182.50	4.88	15.16	81.80	999.00	0.53	999.00	0.57	0.00
21	6	6	23	181.00	15.31	1.93	80.38	999.00	178.80	12.87	2.35	80.41	177.60	3.85	14.53	79.68	999.00	0.67	999.00	0.74	0.00
21	6	6	24	183.20	17.76	3.16	79.09	999.00	179.60	14.92	4.20	79.16	180.40	5.13	13.40	78.40	999.00	0.55	999.00	0.66	0.00
21	6	7	1	191.20	17.85	2.92	77.38	999.00	185.00	14.81	3.90	77.44	183.80	5.40	15.08	77.28	999.00	0.37	999.00	0.31	0.00
21	6	7	2	187.50	16.37	5.01	76.07	999.00	181.40	13.84	4.89	76.06	177.70	4.69	15.21	75.73	999.00	0.39	999.00	0.35	0.00
21	6	7	3	197.50	18.45	4.37	74.98	999.00	193.60	15.64	5.47	75.02	194.50	6.80	15.83	74.93	999.00	-0.29	999.00	-0.12	0.00
21	6	7	4	196.40	16.22	3.95	74.02	999.00	193.30	14.20	5.11	74.34	191.90	5.74	15.15	74.73	999.00	-0.79	999.00	-0.44	0.00

21	6	7	5	207.10	14.76	5.21	72.70	999.00	204.60	12.49	6.16	73.07	205.80	6.19	15.06	73.63	999.00	-1.02	999.00	-0.62	0.00
21	6	7	6	205.80	15.01	4.07	71.81	999.00	203.10	12.74	5.14	72.16	200.30	5.51	15.10	72.63	999.00	-0.77	999.00	-0.41	0.00
21	6	7	7	208.10	13.04	3.07	71.33	999.00	203.40	10.81	4.68	71.60	202.50	4.29	13.78	72.05	999.00	-0.69	999.00	-0.44	0.00
21	6	7	8	202.40	12.44	4.86	71.06	999.00	197.60	9.94	5.97	71.36	199.70	4.57	15.28	72.18	999.00	-1.53	999.00	-1.21	0.00
21	6	7	9	201.80	11.23	5.75	71.59	999.00	199.60	10.25	7.08	72.13	205.20	6.41	14.79	73.47	999.00	-1.95	999.00	-1.40	0.00
21	6	7	10	216.90	12.91	8.28	72.99	999.00	214.70	12.48	10.50	73.53	216.60	9.14	15.59	75.45	999.00	-2.72	999.00	-2.22	0.00
21	6	7	11	210.90	12.79	7.33	75.19	999.00	208.10	12.23	8.19	75.67	208.80	7.96	15.22	77.68	999.00	-2.19	999.00	-1.72	0.00
21	6	7	12	222.00	12.73	8.11	76.05	999.00	220.40	12.26	8.40	76.54	225.60	9.21	11.88	78.18	999.00	-1.95	999.00	-1.44	0.00
21	6	7	13	224.10	12.09	6.85	75.29	999.00	224.50	11.52	8.14	75.79	227.70	9.24	12.38	77.50	999.00	-2.70	999.00	-2.26	0.00
21	6	7	14	203.90	10.46	7.48	75.93	999.00	200.70	10.00	7.44	76.43	207.60	6.73	13.60	78.28	999.00	-2.70	999.00	-2.16	0.00
21	6	7	15	174.00	14.13	9.67	77.58	999.00	172.40	13.48	10.78	78.40	179.00	7.48	20.69	79.68	999.00	-2.15	999.00	-1.31	0.00
21	6	7	16	187.00	12.17	15.22	78.72	999.00	184.30	11.14	16.99	79.54	193.70	7.05	27.30	81.05	999.00	-2.56	999.00	-1.82	0.00
21	6	7	17	197.60	17.50	28.81	78.86	999.00	196.00	16.51	29.74	79.50	204.20	10.53	29.64	80.65	999.00	-1.55	999.00	-1.23	0.00
21	6	7	18	195.80	5.00	19.90	70.27	999.00	182.80	3.82	15.69	69.30	172.40	1.48	38.77	71.17	999.00	-3.42	999.00	-3.71	0.12
21	6	7	19	175.20	10.55	7.47	70.24	999.00	161.90	9.30	7.49	69.16	151.60	4.48	21.34	71.16	999.00	-0.96	999.00	-2.15	0.03
21	6	7	20	178.10	8.43	7.75	70.24	999.00	166.30	7.77	6.91	69.16	165.20	4.11	16.84	71.16	999.00	-2.84	999.00	-3.74	0.00
21	6	7	21	185.20	9.36	3.69	71.26	999.00	174.40	8.38	4.05	70.15	159.90	2.83	15.66	71.98	999.00	0.33	999.00	-0.91	0.00
21	6	7	22	179.60	8.82	4.32	72.17	999.00	164.80	7.47	4.98	70.91	118.60	2.20	13.53	70.60	999.00	2.43	999.00	1.11	0.00
21	6	7	23	199.20	11.81	3.73	72.71	999.00	184.50	10.30	4.10	71.25	182.20	1.17	26.17	70.23	999.00	3.14	999.00	1.22	0.00
21	6	7	24	194.80	10.86	3.19	73.74	999.00	184.00	10.57	2.02	72.08	153.60	2.34	13.35	70.53	999.00	3.39	999.00	1.91	0.00
21	6	8	1	182.10	15.86	2.34	73.35	999.00	171.20	11.95	2.83	71.87	165.00	2.83	14.85	70.88	999.00	2.53	999.00	1.20	0.00
21	6	8	2	193.20	16.00	3.09	73.93	999.00	188.10	12.80	4.24	72.94	181.30	3.83	15.62	70.80	999.00	1.81	999.00	1.71	0.00
21	6	8	3	190.40	16.49	3.09	999.00	999.00	185.50	13.10	3.65	999.00	187.90	4.80	13.37	70.50	999.00	1.13	999.00	1.11	0.00
21	6	8	4	201.50	11.74	2.08	70.99	999.00	196.10	9.52	2.72	71.05	195.70	3.10	13.45	70.07	999.00	0.78	999.00	0.90	0.00
21	6	8	5	203.40	13.25	1.82	70.62	999.00	198.00	10.76	2.26	70.57	192.70	3.60	12.46	69.56	999.00	1.08	999.00	1.05	0.00
21	6	8	6	207.20	11.79	1.31	70.21	999.00	197.90	9.91	1.83	70.13	190.00	3.13	13.00	69.23	999.00	1.21	999.00	1.18	0.00
21	6	8	7	208.40	15.27	1.64	70.52	999.00	194.70	12.97	1.83	70.09	187.70	4.67	12.96	69.38	999.00	0.53	999.00	-0.17	0.00
21	6	8	8	205.20	13.33	5.04	70.45	999.00	197.90	11.22	5.83	70.37	199.10	5.50	13.54	71.97	999.00	-1.93	999.00	-1.66	0.00
21	6	8	9	208.90	10.90	6.42	70.92	999.00	203.30	9.34	7.36	71.33	205.20	5.41	15.68	73.25	999.00	-2.86	999.00	-2.39	0.00
21	6	8	10	209.10	11.77	4.80	72.18	999.00	206.80	11.10	5.64	72.70	210.60	7.44	13.65	75.18	999.00	-2.35	999.00	-1.84	0.00
21	6	8	11	204.40	7.65	11.29	74.09	999.00	200.70	7.02	15.53	74.41	215.10	6.24	17.38	77.53	999.00	-4.00	999.00	-4.00	0.00
21	6	8	12	207.50	6.92	19.27	77.61	999.00	204.30	6.42	18.54	78.12	204.50	4.55	24.27	80.82	999.00	-1.50	999.00	-0.56	0.00
21	6	8	13	255.90	3.25	87.30	77.61	999.00	274.10	3.00	80.30	78.12	266.00	3.36	80.80	80.82	999.00	-1.82	999.00	-1.04	0.00
21	6	8	14	45.05	2.45	48.37	79.14	999.00	39.14	3.26	26.70	79.57	39.20	4.70	9.70	79.57	999.00	0.04	999.00	-0.01	0.00
21	6	8	15	163.50	10.10	25.51	77.56	999.00	150.00	8.69	30.99	77.65	111.90	3.45	37.51	77.30	999.00	0.08	999.00	0.20	0.01
21	6	8	16	201.80	16.82	8.47	72.82	999.00	199.50	14.89	9.46	73.35	202.00	7.86	16.43	74.13	999.00	-0.54	999.00	0.07	0.10
21	6	8	17	196.50	10.22	8.36	69.80	999.00	192.30	9.11	10.76	70.41	201.50	5.82	19.23	70.49	999.00	-1.34	999.00	-0.73	0.02
21	6	8	18	210.30	8.70	6.16	69.80	999.00	211.10	8.24	7.06	70.41	224.80	8.23	10.03	70.49	999.00	-3.45	999.00	-2.99	0.00
21	6	8	19	206.30	5.98	14.68	72.96	999.00	207.80	5.28	17.63	73.49	226.70	4.31	16.86	75.40	999.00	-2.89	999.00	-2.29	0.00
21	6	8	20	204.00	6.31	9.51	74.52	999.00	202.80	5.78	10.48	75.03	208.60	3.85	19.98	77.25	999.00	-1.66	999.00	-1.11	0.00
21	6	8	21	240.80	1.69	38.34	75.05	999.00	228.00	0.48	60.84	75.67	317.50	0.67	7.43	76.03	999.00	-0.50	999.00	0.06	0.00
21	6	8	22	137.00	4.71	6.73	74.78	999.00	118.30	6.19	6.03	74.99	111.20	3.50	11.52	72.97	999.00	1.98	999.00	2.12	0.00
21	6	8	23	153.30	6.01	2.62	75.01	999.00	144.40	7.00	4.16	74.98	81.70	1.86	29.42	72.70	999.00	2.42	999.00	2.35	0.00
21	6	8	24	207.00	9.59	4.60	73.97	999.00	201.30	8.97	5.36	73.59	187.50	3.35	9.74	71.80	999.00	2.56	999.00	2.23	0.00
21	6	9	1	189.40	12.60	2.52	73.61	999.00	187.40	9.55	3.42	73.16	193.60	2.96	13.51	70.57	999.00	2.91	999.00	1.84	0.00
21	6	9	2	204.80	12.11	6.81	73.61	999.00	202.40	9.68	4.55	73.16	190.90	3.17	10.24	70.57	999.00	2.56	999.00	1.32	0.00

21	6	9	3	191.20	14.29	1.44	73.16	999.00	184.70	10.69	2.42	72.23	184.10	2.00	16.39	70.45	999.00	2.45	999.00	1.00	0.00
21	6	9	4	194.30	13.95	1.95	71.70	999.00	187.90	11.16	2.11	71.23	186.00	3.88	13.08	70.68	999.00	0.91	999.00	0.56	0.00
21	6	9	5	205.20	14.06	2.37	71.36	999.00	194.00	12.84	1.90	71.11	184.60	4.35	13.41	70.25	999.00	0.89	999.00	0.83	0.00
21	6	9	6	200.00	13.23	3.64	70.36	999.00	191.50	11.85	3.69	70.49	188.70	4.52	13.16	70.28	999.00	-0.39	999.00	-0.12	0.00
21	6	9	7	218.30	13.54	3.26	70.18	999.00	212.50	11.19	4.69	70.44	212.70	5.89	11.76	70.95	999.00	-0.93	999.00	-0.71	0.00
21	6	9	8	236.50	7.70	8.80	70.36	999.00	231.10	6.79	9.32	70.71	224.70	4.69	15.09	71.82	999.00	-1.66	999.00	-1.26	0.00
21	6	9	9	237.70	8.38	7.34	999.00	999.00	233.80	7.76	7.89	999.00	233.10	6.80	11.43	72.63	999.00	-1.93	999.00	-1.42	0.00
21	6	9	10	224.80	8.26	8.53	71.21	999.00	224.60	7.84	7.60	71.73	228.00	6.71	11.37	73.22	999.00	-2.18	999.00	-1.65	0.00
21	6	9	11	231.60	3.95	21.60	71.21	999.00	230.40	3.91	19.82	71.73	219.30	2.59	36.23	73.22	999.00	-2.00	999.00	-1.48	0.00
21	6	9	12	80.30	3.77	30.53	74.49	999.00	85.60	4.16	33.85	74.89	93.10	3.60	34.91	76.00	999.00	-1.32	999.00	-1.01	0.00
21	6	9	13	119.30	4.31	11.04	73.70	999.00	112.00	4.38	10.33	73.90	112.70	2.75	20.35	74.20	999.00	-1.10	999.00	-0.71	0.00
21	6	9	14	144.00	6.40	5.33	73.09	999.00	139.80	5.87	7.70	73.78	138.30	4.33	16.74	74.80	999.00	-1.62	999.00	-1.05	0.00
21	6	9	15	150.60	6.22	11.14	74.91	999.00	146.30	6.06	11.10	75.79	139.80	4.78	19.36	77.40	999.00	-2.97	999.00	-1.78	0.00
21	6	9	16	118.60	5.57	14.18	77.19	999.00	112.20	5.09	18.76	78.01	112.80	3.74	34.37	79.97	999.00	-2.83	999.00	-2.04	0.00
21	6	9	17	73.10	6.83	6.79	77.82	999.00	65.71	7.27	7.40	78.43	61.92	6.68	13.53	80.42	999.00	-2.47	999.00	-1.91	0.00
21	6	9	18	80.80	9.20	6.61	76.99	999.00	74.80	9.57	7.93	77.42	74.10	7.17	17.64	79.18	999.00	-2.13	999.00	-1.82	0.00
21	6	9	19	99.70	12.17	10.76	75.92	999.00	94.90	11.33	10.76	76.42	98.40	7.73	17.18	78.30	999.00	-2.47	999.00	-2.00	0.00
21	6	9	20	169.70	10.67	7.77	75.16	999.00	167.20	9.72	7.99	75.86	185.20	5.45	20.20	77.30	999.00	-1.88	999.00	-1.05	0.00
21	6	9	21	93.60	5.37	7.38	75.12	999.00	88.60	5.84	7.28	76.01	84.50	3.55	12.58	76.65	999.00	-1.19	999.00	-0.80	0.00
21	6	9	22	88.10	8.07	4.87	73.96	999.00	83.60	7.93	4.70	74.35	91.20	3.31	13.98	75.00	999.00	-0.95	999.00	-0.51	0.00
21	6	9	23	92.90	11.97	5.13	73.65	999.00	86.70	12.35	6.29	73.72	92.90	5.47	14.10	74.18	999.00	-0.42	999.00	-0.43	0.00
21	6	9	24	114.40	10.38	1.39	999.00	999.00	110.20	9.78	2.13	999.00	106.80	4.40	12.38	73.50	999.00	1.10	999.00	-0.28	0.00
21	6	10	1	106.60	12.17	1.21	74.21	999.00	101.30	11.11	2.48	73.38	98.50	4.18	15.22	73.23	999.00	1.17	999.00	0.41	0.00
21	6	10	2	112.20	10.89	5.50	74.04	999.00	106.50	9.42	4.34	73.13	107.00	2.80	14.58	73.10	999.00	1.38	999.00	0.52	0.00
21	6	10	3	129.40	9.12	1.06	74.04	999.00	120.10	7.32	4.36	73.13	102.60	1.88	14.86	73.10	999.00	0.30	999.00	0.23	0.00
21	6	10	4	140.20	4.47	1.68	73.00	999.00	141.30	2.55	5.14	72.73	305.70	0.89	9.83	72.68	999.00	0.54	999.00	0.24	0.00
21	6	10	5	201.20	1.93	17.37	72.42	999.00	247.90	1.21	28.69	72.41	305.00	1.03	17.29	72.55	999.00	-0.40	999.00	-0.21	0.00
21	6	10	6	62.01	2.81	12.02	71.72	999.00	59.00	4.07	5.70	72.03	75.20	2.65	15.02	72.18	999.00	-0.58	999.00	-0.19	0.00
21	6	10	7	82.70	6.91	5.14	999.00	999.00	80.80	7.11	4.03	999.00	89.90	3.12	14.94	72.00	999.00	-1.28	999.00	-0.83	0.00
21	6	10	8	78.00	9.38	4.73	70.51	999.00	75.20	8.64	8.02	71.08	74.80	5.63	17.24	72.38	999.00	-2.20	999.00	-1.52	0.00
21	6	10	9	71.70	10.86	5.87	70.88	999.00	68.75	10.21	7.54	71.61	67.98	7.55	16.89	73.28	999.00	-2.73	999.00	-1.85	0.00
21	6	10	10	69.03	8.04	10.21	69.99	999.00	63.20	7.80	13.02	70.76	57.02	6.42	18.80	72.55	999.00	-2.43	999.00	-1.67	0.00
21	6	10	11	46.71	7.95	12.02	70.01	999.00	41.54	8.12	9.25	70.63	41.40	7.58	12.58	72.03	999.00	-1.43	999.00	-1.00	0.00
21	6	10	12	72.70	6.98	10.20	70.65	999.00	65.36	7.08	12.15	71.10	51.71	6.87	16.00	72.50	999.00	-2.69	999.00	-1.95	0.00
21	6	10	13	51.71	8.45	13.89	72.31	999.00	45.29	8.62	12.89	72.96	33.93	8.00	12.92	74.40	999.00	-1.94	999.00	-1.32	0.00
21	6	10	14	53.36	11.08	9.86	72.98	999.00	48.37	10.96	8.87	73.43	44.78	9.29	14.12	75.27	999.00	-2.72	999.00	-2.00	0.00
21	6	10	15	52.39	15.48	6.46	72.27	999.00	47.93	15.20	7.83	72.80	51.96	11.07	15.80	74.90	999.00	-2.98	999.00	-2.32	0.00
21	6	10	16	58.00	13.13	9.14	72.60	999.00	54.69	12.74	8.14	73.26	56.15	9.95	15.55	75.22	999.00	-2.90	999.00	-2.20	0.00
21	6	10	17	77.60	15.06	5.97	71.29	999.00	74.30	13.95	8.60	72.02	80.80	8.72	19.11	74.10	999.00	-2.64	999.00	-1.92	0.00
21	6	10	18	78.20	13.47	5.48	70.28	999.00	71.90	13.25	5.76	70.89	71.20	8.30	16.13	72.60	999.00	-2.28	999.00	-1.67	0.00
21	6	10	19	70.90	17.88	5.60	999.00	999.00	68.36	16.88	7.01	999.00	69.03	11.93	12.06	73.10	999.00	-2.67	999.00	-1.95	0.00
21	6	10	20	80.00	19.69	4.95	70.72	999.00	77.00	17.49	7.17	71.31	81.80	9.18	15.93	72.82	999.00	-1.63	999.00	-1.08	0.00
21	6	10	21	82.40	22.24	4.36	71.06	999.00	78.70	19.87	6.24	71.43	85.20	8.86	16.30	72.20	999.00	-1.02	999.00	-0.67	0.00
21	6	10	22	93.50	21.16	4.44	71.12	999.00	91.10	18.69	6.16	71.50	90.90	8.31	18.10	72.05	999.00	-0.86	999.00	-0.47	0.00
21	6	10	23	110.80	13.26	3.86	71.12	999.00	98.10	11.61	4.08	71.50	88.20	4.42	16.34	72.05	999.00	0.01	999.00	-0.21	0.00
21	6	10	24	79.60	12.50	3.70	72.18	999.00	71.50	12.39	4.88	71.13	68.33	6.27	15.38	70.70	999.00	-0.32	999.00	-0.55	0.00

21	6	11	1	73.60	14.13	5.32	999.00	999.00	65.07	11.82	5.66	999.00	66.43	5.15	16.37	70.50	999.00	0.63	999.00	-0.26	0.00
21	6	11	2	77.40	14.23	4.05	999.00	999.00	68.85	11.72	4.75	999.00	70.00	5.27	13.68	70.57	999.00	0.09	999.00	-0.37	0.00
21	6	11	3	71.40	14.92	3.86	999.00	999.00	62.67	11.86	4.81	999.00	59.80	6.00	9.83	70.43	999.00	0.30	999.00	-0.21	0.00
21	6	11	4	80.70	13.00	5.03	999.00	999.00	75.10	10.50	6.52	999.00	79.50	4.82	18.56	70.08	999.00	-0.14	999.00	-0.46	0.00
21	6	11	5	79.60	12.50	4.10	68.94	999.00	73.30	11.24	4.77	69.13	82.30	5.15	16.63	69.59	999.00	-0.69	999.00	-0.61	0.00
21	6	11	6	78.00	10.04	3.74	68.10	999.00	73.10	9.67	4.40	68.49	77.60	4.60	16.59	69.07	999.00	-1.04	999.00	-0.60	0.00
21	6	11	7	86.60	9.41	5.24	68.14	999.00	75.50	9.30	4.35	68.32	78.30	4.60	18.66	68.97	999.00	-0.35	999.00	-0.76	0.00
21	6	11	8	97.90	6.80	6.01	68.21	999.00	88.30	5.93	9.20	68.70	73.60	5.40	11.76	70.03	999.00	-1.74	999.00	-1.42	0.00
21	6	11	9	65.14	6.65	11.26	69.11	999.00	57.66	6.67	10.84	69.75	53.82	5.48	18.64	71.30	999.00	-2.40	999.00	-1.53	0.00
21	6	11	10	37.45	8.33	10.70	69.85	999.00	32.29	7.53	10.18	70.42	26.08	7.85	14.76	71.43	999.00	-1.77	999.00	-1.27	0.00
21	6	11	11	66.95	8.28	8.49	70.08	999.00	61.58	8.25	8.73	70.76	67.04	6.84	16.71	72.13	999.00	-2.44	999.00	-1.62	0.00
21	6	11	12	65.20	9.11	7.49	70.61	999.00	63.13	8.93	8.80	71.36	65.64	6.66	18.48	73.43	999.00	-2.64	999.00	-1.90	0.00
21	6	11	13	32.47	6.48	11.74	72.59	999.00	31.06	6.49	11.77	73.10	29.48	7.38	16.78	74.53	999.00	-1.45	999.00	-1.19	0.00
21	6	11	14	36.50	10.18	14.81	71.95	999.00	34.06	9.70	13.62	72.08	37.13	9.88	16.02	73.10	999.00	-1.25	999.00	-1.07	0.00
21	6	11	15	41.50	12.76	5.44	71.47	999.00	41.87	12.81	4.74	71.77	45.97	10.73	9.53	73.63	999.00	-2.26	999.00	-2.04	0.00
21	6	11	16	51.36	10.00	9.65	72.50	999.00	46.21	9.10	10.10	72.80	38.60	8.92	12.84	74.50	999.00	-2.06	999.00	-1.59	0.00
21	6	11	17	54.44	12.74	6.28	73.57	999.00	51.47	12.02	7.07	74.05	59.87	9.08	12.97	75.75	999.00	-2.36	999.00	-1.95	0.00
21	6	11	18	84.10	10.22	8.03	73.05	999.00	82.30	9.30	10.15	73.65	86.00	6.97	18.57	75.40	999.00	-2.50	999.00	-1.83	0.00
21	6	11	19	60.76	12.42	4.36	72.33	999.00	58.71	11.56	5.34	72.88	68.34	8.40	12.80	74.57	999.00	-1.92	999.00	-1.54	0.00
21	6	11	20	91.20	9.06	8.77	71.44	999.00	91.20	7.80	10.18	71.86	88.60	5.40	15.69	73.42	999.00	-1.56	999.00	-1.21	0.00
21	6	11	21	109.20	7.70	4.92	71.18	999.00	96.80	5.51	8.35	71.51	80.40	2.58	16.42	72.38	999.00	-0.63	999.00	-0.56	0.00
21	6	11	22	117.50	7.62	3.54	72.05	999.00	104.00	7.52	4.13	71.60	105.20	3.30	13.73	71.50	999.00	0.67	999.00	0.02	0.00
21	6	11	23	335.20	8.58	3.31	70.77	999.00	334.00	8.31	3.28	71.04	337.00	5.52	10.22	71.82	999.00	-1.48	999.00	-0.99	0.00
21	6	11	24	80.30	5.99	13.09	72.19	999.00	72.40	6.82	15.72	71.82	60.37	3.76	17.69	71.85	999.00	1.89	999.00	0.52	0.00
21	6	12	1	35.45	7.54	16.06	72.41	999.00	29.97	6.96	15.65	71.97	32.54	4.65	18.97	72.22	999.00	-0.56	999.00	-0.51	0.00
21	6	12	2	56.48	11.55	3.91	72.41	999.00	52.96	10.27	5.00	71.97	60.51	6.27	13.14	72.22	999.00	-1.10	999.00	-0.69	0.00
21	6	12	3	85.80	9.08	4.11	69.64	999.00	81.40	8.90	4.78	70.09	82.80	4.44	15.13	70.75	999.00	-1.15	999.00	-0.67	0.00
21	6	12	4	52.41	10.48	5.13	69.19	999.00	47.90	10.15	5.70	69.72	50.13	6.69	10.53	70.57	999.00	-1.39	999.00	-0.86	0.00
21	6	12	5	77.10	12.12	4.91	68.88	999.00	72.20	12.07	5.07	69.40	79.90	6.03	13.99	70.09	999.00	-1.13	999.00	-0.62	0.00
21	6	12	6	78.90	9.45	4.22	68.49	999.00	74.20	9.20	5.81	68.98	87.80	3.50	15.73	69.42	999.00	-0.84	999.00	-0.35	0.00
21	6	12	7	34.72	6.81	10.40	68.56	999.00	36.16	6.66	10.20	69.12	41.64	4.68	17.89	69.99	999.00	-1.51	999.00	-0.96	0.00
21	6	12	8	31.89	8.88	11.48	68.93	999.00	32.71	8.63	11.17	69.45	40.10	7.33	13.65	70.53	999.00	-1.65	999.00	-1.15	0.00
21	6	12	9	36.88	7.45	14.91	69.25	999.00	36.89	7.58	11.84	69.80	38.25	6.75	16.02	70.98	999.00	-1.78	999.00	-1.20	0.00
21	6	12	10	61.39	11.02	5.85	68.71	999.00	58.75	10.91	6.97	69.30	60.58	7.84	14.58	70.78	999.00	-2.41	999.00	-1.69	0.00
21	6	12	11	66.99	8.86	12.06	68.71	999.00	66.06	8.45	12.88	69.30	70.70	7.00	16.68	70.78	999.00	-2.75	999.00	-2.01	0.00
21	6	12	12	88.10	10.84	10.04	68.02	999.00	88.00	10.76	9.85	68.72	97.70	7.42	20.32	70.95	999.00	-3.46	999.00	-2.76	0.00
21	6	12	13	49.02	6.47	14.67	68.44	999.00	46.41	6.55	14.28	69.11	52.24	5.94	25.98	71.28	999.00	-2.00	999.00	-1.44	0.00
21	6	12	14	31.07	6.39	18.70	70.38	999.00	30.31	5.96	19.99	70.55	26.14	5.53	26.64	71.68	999.00	-1.36	999.00	-1.24	0.00
21	6	12	15	81.10	5.88	16.19	71.02	999.00	83.20	5.84	16.66	71.69	93.10	5.43	28.32	73.60	999.00	-2.64	999.00	-1.88	0.00
21	6	12	16	60.78	6.67	9.47	73.49	999.00	57.91	6.69	10.60	73.75	52.02	6.27	13.99	75.05	999.00	-1.70	999.00	-1.36	0.00
21	6	12	17	57.88	6.05	11.46	74.31	999.00	51.14	6.03	12.46	74.80	40.33	4.97	21.13	76.13	999.00	-1.80	999.00	-1.25	0.00
21	6	12	18	65.85	6.86	8.01	74.31	999.00	67.41	6.99	8.37	74.80	70.10	5.35	19.85	76.13	999.00	-2.29	999.00	-1.73	0.00
21	6	12	19	88.50	6.90	7.14	74.79	999.00	87.70	6.77	8.35	75.31	89.40	4.90	17.38	76.95	999.00	-2.13	999.00	-1.72	0.00
21	6	12	20	114.60	8.50	4.49	74.30	999.00	109.70	8.05	6.90	74.59	105.70	5.02	14.55	76.00	999.00	-1.57	999.00	-1.16	0.00
21	6	12	21	119.50	9.61	3.76	73.60	999.00	111.20	8.97	4.62	73.80	108.30	4.84	13.70	74.65	999.00	-0.57	999.00	-0.61	0.00
21	6	12	22	118.90	9.96	3.83	73.03	999.00	114.30	9.41	5.50	73.11	119.40	5.47	15.64	73.72	999.00	-1.33	999.00	-0.91	0.00

21	6	12	23	117.10	13.01	1.84	72.02	999.00	110.60	12.02	2.97	72.22	115.30	6.07	13.42	72.90	999.00	-0.67	999.00	-0.46	0.00
21	6	12	24	130.10	11.54	2.03	72.36	999.00	127.40	9.47	2.45	72.31	133.80	3.88	16.05	72.72	999.00	0.26	999.00	-0.09	0.00
21	6	13	1	143.30	12.89	3.40	74.04	999.00	141.40	9.70	5.99	72.90	150.80	2.73	24.39	72.57	999.00	0.87	999.00	0.07	0.00
21	6	13	2	145.20	12.81	1.07	74.26	999.00	136.40	10.35	2.28	73.11	139.30	3.36	17.01	72.45	999.00	2.30	999.00	0.63	0.00
21	6	13	3	165.90	11.23	2.08	75.29	999.00	159.10	10.30	2.43	73.28	163.40	1.77	30.51	72.25	999.00	3.76	999.00	1.29	0.00
21	6	13	4	173.60	10.33	3.75	74.67	999.00	165.70	6.67	4.53	72.78	182.80	1.00	33.50	72.13	999.00	1.49	999.00	0.26	0.00
21	6	13	5	17.59	8.16	13.74	71.74	999.00	16.55	7.64	15.48	71.89	18.31	6.90	17.20	72.50	999.00	-1.32	999.00	-0.95	0.00
21	6	13	6	77.20	11.34	7.97	71.06	999.00	70.70	10.20	7.17	71.39	76.20	4.34	16.73	72.00	999.00	-0.82	999.00	-0.51	0.00
21	6	13	7	99.40	7.52	5.18	70.59	999.00	91.80	7.41	6.55	70.76	87.30	3.20	14.98	71.25	999.00	-0.34	999.00	-0.49	0.00
21	6	13	8	70.30	5.45	15.10	999.00	999.00	64.60	4.92	15.41	999.00	66.41	2.83	33.51	71.17	999.00	-1.72	999.00	-1.18	0.00
21	6	13	9	22.66	2.89	22.01	71.73	999.00	12.13	2.67	17.49	72.04	14.04	3.33	20.34	72.78	999.00	-1.18	999.00	-0.65	0.00
21	6	13	10	331.40	7.23	9.33	71.87	999.00	332.50	6.81	9.85	72.19	340.60	6.20	12.83	73.30	999.00	-1.84	999.00	-1.31	0.00
21	6	13	11	318.30	10.22	4.46	71.71	999.00	317.20	9.87	4.46	72.21	321.30	8.15	11.89	73.77	999.00	-2.30	999.00	-1.79	0.00
21	6	13	12	341.00	8.71	7.78	71.99	999.00	341.80	8.75	5.92	72.50	347.70	8.48	11.69	74.18	999.00	-1.49	999.00	-1.15	0.00
21	6	13	13	327.70	11.25	8.75	73.94	999.00	327.20	10.55	8.39	74.47	339.60	9.32	12.26	76.35	999.00	-2.28	999.00	-1.70	0.00
21	6	13	14	328.20	10.22	10.13	74.67	999.00	327.60	9.86	9.75	75.22	333.80	8.64	14.51	76.97	999.00	-2.35	999.00	-1.78	0.00
21	6	13	15	340.70	9.54	9.60	74.67	999.00	341.10	8.52	10.17	75.22	353.10	7.59	13.16	76.97	999.00	-1.71	999.00	-1.24	0.00
21	6	13	16	330.90	9.48	14.56	76.98	999.00	331.80	9.14	13.95	77.29	343.20	8.32	12.06	78.65	999.00	-2.07	999.00	-1.54	0.00
21	6	13	17	330.00	14.51	7.13	77.51	999.00	329.20	13.81	7.42	77.97	334.30	11.95	11.55	79.57	999.00	-2.27	999.00	-1.75	0.00
21	6	13	18	326.00	12.43	8.06	78.12	999.00	325.30	11.37	9.72	78.57	334.10	8.92	13.65	79.90	999.00	-1.88	999.00	-1.32	0.00
21	6	13	19	327.50	20.02	4.47	78.29	999.00	325.30	17.60	5.84	78.84	328.70	11.97	9.94	80.63	999.00	-2.21	999.00	-1.82	0.00
21	6	13	20	329.50	15.44	4.84	78.00	999.00	327.50	13.16	5.89	78.33	330.60	8.76	10.32	79.82	999.00	-1.45	999.00	-1.10	0.00
21	6	13	21	319.80	13.62	3.15	78.00	999.00	315.90	11.40	4.41	78.33	306.30	5.10	11.44	79.82	999.00	-0.32	999.00	-0.29	0.00
21	6	13	22	318.60	13.59	1.21	77.59	999.00	316.80	12.49	2.59	77.65	304.60	4.65	9.29	76.50	999.00	1.39	999.00	1.54	0.00
21	6	13	23	318.70	10.47	1.36	77.56	999.00	316.10	10.01	1.58	77.67	285.20	3.00	8.84	75.30	999.00	2.34	999.00	2.75	0.00
21	6	13	24	274.50	6.77	4.94	77.13	999.00	262.40	6.32	5.70	77.26	163.70	3.61	9.35	73.80	999.00	4.27	999.00	3.96	0.00
21	6	14	1	242.10	8.80	1.56	76.83	999.00	237.30	9.06	1.23	77.05	201.20	3.91	12.57	70.80	999.00	6.75	999.00	6.81	0.00
21	6	14	2	237.40	12.10	1.14	76.64	999.00	232.30	12.33	1.74	76.80	213.30	5.28	10.15	70.02	999.00	6.70	999.00	6.67	0.00
21	6	14	3	257.00	19.00	3.39	74.22	999.00	243.40	14.13	5.42	72.39	233.10	6.71	8.57	69.93	999.00	3.32	999.00	1.26	0.00
21	6	14	4	268.40	12.10	7.51	73.24	999.00	247.80	8.75	9.29	71.34	197.20	4.04	16.68	69.78	999.00	2.41	999.00	1.21	0.00
21	6	14	5	252.30	8.74	5.94	72.37	999.00	226.50	9.41	3.22	70.27	197.30	4.36	12.41	67.25	999.00	5.47	999.00	2.98	0.00
21	6	14	6	244.90	15.73	2.93	70.11	999.00	235.90	11.76	5.21	68.38	223.50	5.46	12.08	66.77	999.00	2.03	999.00	0.59	0.00
21	6	14	7	243.30	17.74	4.47	67.91	999.00	237.00	15.04	6.00	67.45	236.60	9.85	10.72	67.37	999.00	-0.10	999.00	-0.29	0.00
21	6	14	8	291.10	18.04	6.87	65.98	999.00	284.80	16.00	8.06	66.07	279.00	9.05	14.73	66.51	999.00	-0.67	999.00	-0.51	0.00
21	6	14	9	343.90	21.71	14.29	66.18	999.00	341.70	20.13	14.48	66.84	340.70	15.95	15.52	68.76	999.00	-2.52	999.00	-1.91	0.00
21	6	14	10	30.58	18.45	8.25	63.27	999.00	28.34	16.88	8.86	63.82	28.78	15.36	11.83	65.37	999.00	-2.06	999.00	-1.44	0.00
21	6	14	11	80.50	16.13	6.04	63.27	999.00	76.40	15.03	8.43	63.82	81.80	9.77	20.01	65.37	999.00	-3.15	999.00	-2.38	0.00
21	6	14	12	115.60	12.35	8.70	65.25	999.00	111.40	12.13	10.21	65.89	117.70	7.65	19.13	68.40	999.00	-3.07	999.00	-2.48	0.00
21	6	14	13	9.30	6.54	20.40	68.61	999.00	6.71	5.96	19.18	69.27	3.14	6.62	26.24	71.15	999.00	-1.72	999.00	-1.21	0.00
21	6	14	14	36.97	6.59	15.46	69.48	999.00	36.11	6.79	12.86	69.74	29.76	5.91	21.20	71.38	999.00	-2.06	999.00	-1.71	0.00
21	6	14	15	12.00	5.49	24.20	69.96	999.00	17.00	4.97	25.21	70.31	9.06	4.77	23.11	71.80	999.00	-1.84	999.00	-1.49	0.00
21	6	14	16	335.50	7.39	18.92	71.85	999.00	339.90	6.75	21.58	72.34	351.60	5.73	27.13	73.77	999.00	-2.41	999.00	-1.89	0.00
21	6	14	17	316.10	9.00	14.20	72.93	999.00	315.70	9.22	15.38	73.42	321.60	7.77	20.03	75.30	999.00	-2.88	999.00	-2.38	0.00
21	6	14	18	303.10	10.36	8.83	73.41	999.00	303.00	10.21	10.32	73.98	310.00	7.86	15.87	76.32	999.00	-3.13	999.00	-2.48	0.00
21	6	14	19	307.30	10.83	12.83	73.35	999.00	304.90	10.47	12.62	73.91	302.80	7.60	19.94	76.00	999.00	-2.89	999.00	-2.31	0.00
21	6	14	20	33.32	17.45	8.73	70.77	999.00	32.21	15.64	8.96	71.29	34.91	12.72	12.29	72.90	999.00	-1.99	999.00	-1.38	0.00

21	6	14	21	37.82	8.98	10.60	68.19	999.00	40.63	8.92	9.33	68.78	53.17	6.28	14.43	69.86	999.00	-1.44	999.00	-0.93	0.00
21	6	14	22	347.10	14.06	12.38	68.47	999.00	344.60	13.18	12.43	69.02	344.80	10.36	14.02	69.75	999.00	-1.60	999.00	-1.02	0.00
21	6	14	23	355.20	11.53	10.10	68.89	999.00	353.30	10.67	10.48	69.48	351.00	8.91	10.48	70.63	999.00	-1.69	999.00	-1.10	0.00
21	6	14	24	332.90	17.45	4.62	999.00	999.00	331.10	16.71	5.03	999.00	332.40	11.49	8.29	70.00	999.00	-1.37	999.00	-0.84	0.00
21	6	15	1	340.70	17.36	5.03	68.39	999.00	338.80	16.35	5.86	68.94	337.00	10.97	8.38	69.78	999.00	-1.43	999.00	-0.87	0.00
21	6	15	2	327.20	14.84	5.98	67.61	999.00	324.80	14.27	6.76	68.14	324.70	8.72	11.66	68.87	999.00	-1.23	999.00	-0.72	0.00
21	6	15	3	327.60	10.69	5.15	66.24	999.00	324.60	10.03	5.27	66.76	316.70	5.62	9.75	67.20	999.00	-0.66	999.00	-0.16	0.00
21	6	15	4	317.30	12.77	3.26	65.81	999.00	314.70	12.27	3.87	66.32	304.70	6.54	10.38	66.42	999.00	-0.57	999.00	-0.07	0.00
21	6	15	5	315.90	14.97	5.54	65.10	999.00	314.40	14.53	6.32	65.61	315.30	8.96	10.46	65.85	999.00	-0.95	999.00	-0.42	0.00
21	6	15	6	324.60	13.99	5.39	64.36	999.00	321.20	12.97	5.30	64.86	317.90	7.71	11.52	65.38	999.00	-0.88	999.00	-0.38	0.00
21	6	15	7	337.20	18.40	4.71	64.71	999.00	335.10	17.53	5.46	65.30	336.00	12.57	9.69	66.15	999.00	-1.83	999.00	-1.18	0.00
21	6	15	8	330.80	15.25	4.89	999.00	999.00	329.00	14.52	5.71	999.00	331.30	10.79	10.12	66.47	999.00	-2.58	999.00	-1.87	0.00
21	6	15	9	334.00	13.84	7.36	63.58	999.00	332.50	13.04	8.61	64.31	334.80	10.36	13.34	66.35	999.00	-2.85	999.00	-2.08	0.00
21	6	15	10	331.00	11.80	8.70	63.82	999.00	329.00	11.52	8.60	64.39	332.90	9.42	13.51	66.50	999.00	-2.70	999.00	-2.16	0.00
21	6	15	11	325.20	13.48	8.24	64.44	999.00	323.80	13.44	8.73	65.01	326.20	11.15	15.40	66.74	999.00	-2.11	999.00	-1.59	0.00
21	6	15	12	332.30	11.79	11.47	65.83	999.00	329.80	11.34	12.73	66.46	330.10	9.53	18.84	68.51	999.00	-2.64	999.00	-2.06	0.00
21	6	15	13	335.70	13.72	11.85	67.31	999.00	333.60	13.39	11.24	67.88	335.30	11.31	16.49	70.07	999.00	-2.51	999.00	-1.89	0.00
21	6	15	14	347.10	12.35	7.96	68.43	999.00	347.00	11.77	7.97	68.74	352.70	10.58	11.93	70.28	999.00	-1.80	999.00	-1.51	0.00
21	6	15	15	354.30	12.03	11.94	68.59	999.00	351.20	11.35	11.66	68.96	349.50	11.29	11.27	70.50	999.00	-1.96	999.00	-1.54	0.00
21	6	15	16	6.55	11.28	15.42	69.71	999.00	2.78	10.11	13.29	70.07	3.79	10.08	16.75	71.53	999.00	-1.74	999.00	-1.35	0.00
21	6	15	17	353.10	13.51	10.39	70.69	999.00	350.30	12.51	10.47	71.03	349.40	12.03	10.35	72.60	999.00	-1.98	999.00	-1.67	0.00
21	6	15	18	3.13	10.58	14.51	71.44	999.00	359.70	9.54	13.50	71.83	354.30	10.62	16.16	73.23	999.00	-1.73	999.00	-1.20	0.00
21	6	15	19	36.17	15.77	9.01	70.04	999.00	33.84	14.32	9.03	70.68	34.45	13.07	13.31	72.25	999.00	-2.10	999.00	-1.48	0.00
21	6	15	20	38.00	14.93	9.33	69.26	999.00	36.02	13.72	9.33	69.80	40.38	10.28	14.63	71.20	999.00	-1.69	999.00	-1.13	0.00
21	6	15	21	35.99	18.26	8.38	68.17	999.00	32.99	16.77	8.59	68.81	36.02	13.77	13.29	69.83	999.00	-1.61	999.00	-1.01	0.00
21	6	15	22	31.29	15.39	8.89	67.11	999.00	30.09	14.37	8.33	67.71	34.32	11.88	11.58	68.75	999.00	-1.69	999.00	-1.09	0.00
21	6	15	23	43.01	18.19	7.47	64.91	999.00	40.98	16.81	7.19	65.47	46.70	11.29	12.77	66.43	999.00	-1.49	999.00	-0.91	0.00
21	6	15	24	36.46	18.28	9.04	63.42	999.00	32.89	17.16	9.31	64.00	34.38	13.81	12.33	64.99	999.00	-1.61	999.00	-1.03	0.00
21	6	16	1	28.94	17.39	8.34	63.21	999.00	28.12	15.46	9.24	63.82	29.20	14.76	10.40	64.90	999.00	-1.71	999.00	-1.11	0.00
21	6	16	2	22.52	14.19	8.73	62.60	999.00	21.12	11.47	8.69	63.18	20.79	12.07	10.05	64.32	999.00	-1.68	999.00	-1.10	0.00
21	6	16	3	19.62	16.01	6.09	62.11	999.00	17.94	12.28	7.11	62.69	22.27	12.33	10.57	63.76	999.00	-1.64	999.00	-1.04	0.00
21	6	16	4	14.52	16.35	5.05	62.07	999.00	12.78	12.99	7.10	62.63	20.12	11.59	10.05	63.63	999.00	-1.52	999.00	-0.97	0.00
21	6	16	5	25.10	12.90	8.25	62.30	999.00	23.66	10.84	8.74	62.88	26.16	10.57	10.37	63.83	999.00	-1.49	999.00	-0.90	0.00
21	6	16	6	6.93	12.50	11.92	62.98	999.00	5.13	10.93	11.57	63.56	7.70	9.80	13.57	64.50	999.00	-1.55	999.00	-0.97	0.00
21	6	16	7	351.20	14.17	9.26	62.78	999.00	348.80	13.60	8.89	63.41	349.30	10.51	10.29	64.50	999.00	-1.82	999.00	-1.15	0.00
21	6	16	8	352.00	12.99	8.87	62.38	999.00	350.00	12.02	10.72	63.02	349.80	10.17	11.69	64.38	999.00	-2.12	999.00	-1.47	0.00
21	6	16	9	7.28	6.82	11.69	62.03	999.00	4.70	6.01	14.03	62.76	10.80	5.82	18.24	63.90	999.00	-1.72	999.00	-1.02	0.00
21	6	16	10	348.00	6.29	17.11	62.14	999.00	344.30	6.17	15.71	62.65	342.90	6.03	21.37	64.33	999.00	-2.26	999.00	-1.85	0.00
21	6	16	11	345.20	5.94	17.06	62.77	999.00	342.70	5.82	16.76	63.17	353.90	5.01	25.37	64.98	999.00	-2.47	999.00	-1.92	0.00
21	6	16	12	338.10	7.76	13.45	63.39	999.00	340.50	7.92	10.44	63.71	348.90	6.98	13.13	65.23	999.00	-1.80	999.00	-1.54	0.00
21	6	16	13	326.70	7.14	16.99	64.16	999.00	328.40	7.09	18.48	64.60	341.20	6.44	23.70	66.39	999.00	-2.13	999.00	-1.72	0.00
21	6	16	14	326.40	8.13	19.01	66.47	999.00	324.70	8.18	21.28	67.09	328.30	6.36	31.30	69.51	999.00	-2.93	999.00	-2.37	0.00
21	6	16	15	20.33	6.63	17.13	67.37	999.00	17.65	6.05	16.06	67.73	23.82	6.92	20.99	69.01	999.00	-1.57	999.00	-1.18	0.00
21	6	16	16	350.50	7.11	11.07	68.23	999.00	348.10	6.68	12.45	68.57	356.40	5.45	18.40	70.12	999.00	-1.98	999.00	-1.66	0.00
21	6	16	17	351.10	5.90	12.34	69.40	999.00	347.50	5.64	11.10	69.55	355.80	4.64	18.63	71.13	999.00	-1.79	999.00	-1.63	0.00
21	6	16	18	346.90	6.68	10.33	70.38	999.00	347.50	5.97	9.54	70.63	10.44	4.93	30.38	71.97	999.00	-1.44	999.00	-1.05	0.00

21	6	16	19	2.75	6.11	13.57	70.90	999.00	2.82	5.16	14.02	71.33	13.22	4.76	20.61	72.75	999.00	-1.48	999.00	-1.09	0.00
21	6	16	20	62.13	5.30	16.34	70.05	999.00	59.18	4.82	17.21	70.49	73.40	3.49	25.43	71.45	999.00	-1.25	999.00	-0.74	0.00
21	6	16	21	83.30	3.43	20.86	68.97	999.00	93.00	3.21	16.10	69.52	99.20	1.87	15.66	70.03	999.00	-0.73	999.00	-0.28	0.00
21	6	16	22	118.20	6.84	9.39	68.97	999.00	118.50	6.69	7.99	69.52	140.40	3.43	15.23	70.03	999.00	-0.44	999.00	0.00	0.00
21	6	16	23	131.90	11.21	3.89	67.90	999.00	127.00	10.60	3.02	67.93	148.60	2.28	48.82	66.96	999.00	1.32	999.00	1.52	0.00
21	6	16	24	131.20	11.94	0.79	67.32	999.00	128.00	11.87	1.70	67.47	147.80	2.55	19.93	66.29	999.00	1.92	999.00	2.15	0.00
21	6	17	1	142.10	10.20	3.61	67.71	999.00	144.60	11.21	2.69	67.66	164.90	2.11	25.60	64.58	999.00	3.66	999.00	3.64	0.00
21	6	17	2	164.60	15.42	1.56	67.22	999.00	165.40	12.85	1.55	66.10	184.10	2.97	15.47	63.22	999.00	4.05	999.00	2.10	0.00
21	6	17	3	161.90	17.11	0.75	66.60	999.00	161.80	14.25	1.44	64.71	178.90	2.58	13.71	62.13	999.00	4.57	999.00	3.18	0.00
21	6	17	4	173.00	16.93	0.88	65.90	999.00	169.50	14.15	1.15	64.33	177.70	3.57	15.24	61.58	999.00	4.07	999.00	2.29	0.00
21	6	17	5	189.60	16.67	2.43	63.65	999.00	178.10	14.15	2.71	62.79	181.00	4.28	12.78	60.66	999.00	3.15	999.00	1.92	0.00
21	6	17	6	198.00	20.06	2.03	63.26	999.00	191.90	14.20	2.79	60.69	197.30	4.02	12.05	58.94	999.00	5.16	999.00	2.09	0.00
21	6	17	7	198.10	22.11	1.14	62.46	999.00	197.30	15.55	1.79	59.77	204.10	5.07	11.63	57.99	999.00	4.93	999.00	2.11	0.00
21	6	17	8	195.50	16.62	4.31	61.96	999.00	191.20	12.47	6.44	60.60	191.90	5.02	16.10	60.00	999.00	-0.24	999.00	-0.47	0.00
21	6	17	9	197.60	14.45	6.01	62.26	999.00	195.00	12.86	7.30	62.49	206.50	8.51	14.63	63.64	999.00	-2.10	999.00	-1.50	0.00
21	6	17	10	215.80	11.77	6.45	65.98	999.00	213.10	11.32	7.26	66.49	218.90	8.71	13.00	68.43	999.00	-2.58	999.00	-2.04	0.00
21	6	17	11	223.40	12.29	8.15	69.29	999.00	221.90	11.79	8.57	69.81	225.50	9.23	14.88	71.95	999.00	-2.80	999.00	-2.26	0.00
21	6	17	12	230.50	11.32	6.98	72.08	999.00	228.40	10.76	7.50	72.63	228.20	8.35	13.85	74.80	999.00	-2.75	999.00	-2.17	0.00
21	6	17	13	209.40	10.86	20.78	73.89	999.00	205.00	10.26	22.71	74.49	205.80	7.34	29.72	76.75	999.00	-2.96	999.00	-2.17	0.00
21	6	17	14	235.30	12.06	10.03	75.48	999.00	234.50	11.33	8.66	76.13	232.90	8.55	16.28	78.30	999.00	-2.69	999.00	-2.16	0.00
21	6	17	15	212.20	11.89	16.82	76.91	999.00	210.40	11.04	18.98	77.51	217.00	8.30	18.63	79.85	999.00	-3.02	999.00	-2.38	0.00
21	6	17	16	207.70	10.56	17.69	78.51	999.00	201.60	9.53	20.14	79.08	213.00	6.70	25.22	81.28	999.00	-2.78	999.00	-2.21	0.00
21	6	17	17	220.80	13.13	13.39	79.48	999.00	220.90	12.42	15.43	79.94	222.40	9.02	31.20	82.13	999.00	-2.56	999.00	-2.15	0.00
21	6	17	18	194.90	6.37	64.10	80.24	999.00	165.70	4.71	87.30	80.75	25.30	2.41	79.50	82.57	999.00	-1.86	999.00	-1.24	0.00
21	6	17	19	205.80	11.85	12.02	81.20	999.00	201.60	11.10	13.38	81.72	205.90	6.48	20.48	83.18	999.00	-2.13	999.00	-1.62	0.00
21	6	17	20	207.50	11.26	7.24	81.63	999.00	205.50	9.93	9.10	82.04	211.60	6.16	13.55	83.20	999.00	-1.09	999.00	-0.67	0.00
21	6	17	21	200.80	12.26	2.04	81.51	999.00	195.50	10.74	2.52	81.94	189.00	3.77	11.33	81.85	999.00	0.32	999.00	0.62	0.00
21	6	17	22	201.10	15.38	1.26	81.42	999.00	193.80	13.57	1.78	81.48	170.90	2.94	11.70	78.82	999.00	3.84	999.00	3.72	0.00
21	6	17	23	200.50	15.75	4.56	81.42	999.00	188.30	12.70	6.88	81.48	161.60	2.96	12.51	78.82	999.00	4.92	999.00	4.07	0.00
21	6	17	24	193.40	22.07	3.75	78.52	999.00	183.20	17.80	3.29	77.04	182.00	5.40	13.74	73.68	999.00	4.93	999.00	3.04	0.00
21	6	18	1	214.60	19.45	2.06	75.03	999.00	212.00	14.94	3.19	73.83	213.40	6.60	10.64	72.40	999.00	1.92	999.00	0.93	0.00
21	6	18	2	201.60	22.15	2.60	73.51	999.00	193.10	17.90	2.88	72.50	185.70	6.25	14.05	70.73	999.00	3.19	999.00	2.05	0.00
21	6	18	3	200.90	21.40	3.11	72.90	999.00	194.70	17.21	3.70	72.17	187.30	6.00	14.70	70.60	999.00	1.60	999.00	1.20	0.00
21	6	18	4	192.40	20.59	3.07	71.69	999.00	186.20	16.53	4.36	71.11	186.90	6.20	15.17	70.35	999.00	0.70	999.00	0.18	0.00
21	6	18	5	184.60	22.19	4.19	70.61	999.00	179.70	18.55	5.70	70.44	186.00	8.17	17.34	70.57	999.00	-0.28	999.00	-0.29	0.00
21	6	18	6	209.60	17.31	5.68	70.61	999.00	209.10	14.39	6.81	70.44	214.30	7.76	13.08	70.57	999.00	-0.36	999.00	-0.15	0.00
21	6	18	7	249.00	15.97	5.51	70.40	999.00	245.40	13.37	8.91	70.53	238.50	6.05	14.48	70.43	999.00	0.90	999.00	0.79	0.00
21	6	18	8	192.40	8.62	11.91	69.83	999.00	173.60	6.85	10.78	69.67	149.70	3.44	15.85	69.15	999.00	0.97	999.00	0.50	0.00
21	6	18	9	200.70	11.51	5.85	68.49	999.00	196.40	8.97	8.57	67.73	211.00	3.65	24.67	66.92	999.00	1.35	999.00	0.78	0.00
21	6	18	10	204.20	15.49	10.31	66.51	999.00	199.40	12.52	14.82	66.54	188.10	5.36	26.80	64.36	999.00	1.23	999.00	1.53	0.18
21	6	18	11	163.40	35.32	4.23	62.34	999.00	159.00	30.77	5.24	62.13	167.20	12.55	21.13	62.91	999.00	-0.72	999.00	-0.93	0.01
21	6	18	12	176.70	27.99	5.42	64.78	999.00	174.30	25.20	6.80	64.26	184.40	11.33	18.63	65.56	999.00	-0.92	999.00	-1.67	0.00
21	6	18	13	178.90	29.91	5.32	67.18	999.00	176.80	27.46	6.05	67.20	181.60	14.14	16.93	69.51	999.00	-2.46	999.00	-2.82	0.00
21	6	18	14	190.60	25.35	6.41	70.65	999.00	187.70	24.19	7.64	69.59	195.00	13.43	15.82	71.85	999.00	-0.41	999.00	-1.34	0.00
21	6	18	15	209.00	26.10	6.94	74.33	999.00	207.00	24.76	7.77	74.83	210.00	15.02	15.97	76.95	999.00	-2.83	999.00	-2.33	0.00
21	6	18	16	213.00	27.83	8.39	76.22	999.00	210.90	26.66	9.42	76.66	216.20	17.89	14.41	78.93	999.00	-2.71	999.00	-2.28	0.00

21	6	18	17	218.80	27.10	5.62	76.68	999.00	217.30	25.61	6.34	77.12	219.90	17.03	11.75	78.93	999.00	-1.96	999.00	-1.46	0.00
21	6	18	18	228.70	18.75	4.33	76.56	999.00	227.80	17.37	5.28	77.06	230.80	11.63	10.82	78.15	999.00	-1.38	999.00	-0.88	0.00
21	6	18	19	216.90	14.13	4.62	76.56	999.00	215.90	12.78	6.06	77.06	218.40	8.64	10.94	78.15	999.00	-1.58	999.00	-1.12	0.00
21	6	18	20	220.10	13.03	5.03	77.05	999.00	218.40	11.71	5.43	77.51	219.60	7.47	12.07	78.78	999.00	-1.36	999.00	-0.89	0.00
21	6	18	21	221.00	11.53	2.86	77.40	999.00	216.50	10.02	3.62	77.80	199.30	3.93	12.97	78.13	999.00	-0.31	999.00	0.00	0.00
21	6	18	22	229.00	13.58	1.80	77.54	999.00	222.70	12.16	1.41	77.85	213.90	3.94	9.24	77.00	999.00	1.28	999.00	1.54	0.00
21	6	18	23	232.80	17.49	7.81	77.33	999.00	228.70	14.64	7.18	77.14	235.90	5.49	10.85	75.80	999.00	1.94	999.00	1.45	0.00
21	6	18	24	242.40	17.04	1.90	999.00	999.00	232.50	14.14	2.05	999.00	219.20	6.01	9.45	74.67	999.00	2.78	999.00	1.84	0.00
21	6	19	1	264.00	18.95	1.18	77.02	999.00	255.80	15.91	1.89	75.62	248.70	5.36	9.39	73.65	999.00	3.69	999.00	2.24	0.00
21	6	19	2	265.50	17.17	1.85	77.02	999.00	248.00	13.06	4.85	75.62	228.70	5.32	11.16	73.65	999.00	3.42	999.00	1.09	0.00
21	6	19	3	225.70	12.13	11.52	75.43	999.00	208.70	12.17	9.51	73.47	179.80	6.31	8.99	71.38	999.00	3.36	999.00	2.57	0.00
21	6	19	4	210.80	18.97	5.17	71.92	999.00	206.70	15.65	6.36	71.50	204.40	6.85	14.18	70.78	999.00	-0.26	999.00	-0.12	0.00
21	6	19	5	212.80	16.09	3.55	69.89	999.00	208.50	13.53	4.67	70.09	202.30	5.37	13.56	70.38	999.00	-0.54	999.00	-0.31	0.00
21	6	19	6	218.40	18.03	4.11	69.50	999.00	215.40	15.30	5.10	69.80	209.80	7.70	11.59	70.04	999.00	-0.65	999.00	-0.31	0.00
21	6	19	7	220.00	20.82	4.82	69.81	999.00	216.70	18.52	5.42	70.16	214.40	10.22	12.43	70.57	999.00	-0.91	999.00	-0.50	0.00
21	6	19	8	225.80	21.74	5.25	69.86	999.00	223.80	19.81	5.35	70.31	222.20	12.38	11.12	70.93	999.00	-1.17	999.00	-0.68	0.00
21	6	19	9	211.50	20.10	5.49	70.08	999.00	207.70	17.62	6.79	70.54	210.10	9.75	14.18	71.25	999.00	-1.20	999.00	-0.78	0.00
21	6	19	10	247.50	17.16	5.33	999.00	999.00	246.50	15.37	6.12	999.00	246.90	9.60	10.68	71.20	999.00	-1.36	999.00	-0.88	0.00
21	6	19	11	219.80	19.62	6.55	70.15	999.00	217.30	17.74	7.15	70.66	218.20	11.76	12.49	71.78	999.00	-1.71	999.00	-1.21	0.00
21	6	19	12	250.30	16.22	9.73	69.94	999.00	248.10	14.52	10.20	70.43	252.00	9.06	13.25	71.43	999.00	-1.25	999.00	-0.77	0.05
21	6	19	13	274.00	9.43	26.77	70.24	999.00	264.80	8.57	33.63	70.69	256.40	5.85	39.44	71.60	999.00	-1.50	999.00	-1.05	0.00
21	6	19	14	211.20	3.28	32.60	69.99	999.00	211.30	2.78	39.18	70.55	239.10	1.55	62.43	72.77	999.00	-2.83	999.00	-2.14	0.00
21	6	19	15	195.90	5.86	21.72	73.20	999.00	197.00	5.22	30.38	74.14	234.60	4.26	31.74	75.95	999.00	-2.82	999.00	-1.90	0.00
21	6	19	16	58.29	8.76	24.47	74.23	999.00	56.59	8.93	27.80	74.50	63.44	7.10	36.88	75.75	999.00	-0.34	999.00	-0.67	0.00
21	6	19	17	47.64	5.29	16.19	72.13	999.00	51.78	5.62	14.27	71.91	70.10	4.92	19.50	72.35	999.00	-2.23	999.00	-2.71	0.00
21	6	19	18	65.45	8.19	6.24	72.13	999.00	66.92	8.45	6.47	71.91	68.92	5.97	16.01	72.35	999.00	-1.67	999.00	-2.53	0.00
21	6	19	19	78.30	8.15	4.74	73.79	999.00	81.50	7.74	6.41	73.29	80.60	5.81	14.00	74.82	999.00	-2.19	999.00	-2.76	0.00
21	6	19	20	86.60	10.30	7.16	73.40	999.00	80.00	10.02	8.53	73.19	84.70	5.32	19.22	75.23	999.00	-1.37	999.00	-1.23	0.00
21	6	19	21	86.00	15.72	3.67	71.06	999.00	81.50	14.48	4.78	71.25	86.30	6.71	14.43	71.90	999.00	-0.78	999.00	-0.46	0.00
21	6	19	22	94.70	12.95	5.51	70.15	999.00	85.80	12.69	4.22	70.44	81.70	6.82	12.35	70.50	999.00	-0.48	999.00	-0.28	0.00
21	6	19	23	165.70	8.89	5.77	72.11	999.00	135.60	8.24	5.89	71.41	100.90	3.88	16.24	70.45	999.00	3.58	999.00	2.94	0.00
21	6	19	24	223.60	14.61	2.46	74.07	999.00	217.40	11.56	3.01	73.74	182.70	2.17	12.67	70.22	999.00	3.63	999.00	3.61	0.00
21	6	20	1	214.60	19.26	3.98	74.07	999.00	209.00	16.28	5.11	73.74	204.20	6.13	17.11	70.22	999.00	0.68	999.00	0.65	0.00
21	6	20	2	217.30	16.88	3.64	74.29	999.00	213.20	14.32	4.91	74.50	217.80	6.32	12.79	74.47	999.00	0.06	999.00	0.14	0.00
21	6	20	3	222.00	12.94	2.04	73.42	999.00	220.40	11.39	1.32	73.67	211.80	4.75	10.26	73.65	999.00	-0.12	999.00	0.20	0.00
21	6	20	4	225.00	13.22	2.06	72.57	999.00	219.50	10.75	2.00	72.64	204.40	4.00	13.18	72.28	999.00	0.34	999.00	0.36	0.00
21	6	20	5	218.80	14.72	2.03	72.13	999.00	211.10	11.75	2.43	71.99	194.20	3.87	9.63	71.13	999.00	1.16	999.00	1.03	0.00
21	6	20	6	215.70	16.18	2.51	71.87	999.00	208.30	13.08	2.78	71.37	200.10	3.63	11.44	70.03	999.00	1.81	999.00	1.24	0.00
21	6	20	7	217.00	13.64	2.18	71.10	999.00	209.50	10.14	4.16	70.81	196.50	3.33	13.16	70.40	999.00	0.26	999.00	-0.05	0.00
21	6	20	8	204.10	13.06	3.69	71.24	999.00	194.50	9.96	5.13	71.03	193.30	3.95	19.47	71.25	999.00	-0.83	999.00	-0.91	0.00
21	6	20	9	219.10	9.76	8.30	71.74	999.00	214.50	8.85	9.80	72.14	221.40	7.24	11.46	73.53	999.00	-2.22	999.00	-1.70	0.00
21	6	20	10	224.10	12.52	6.01	71.74	999.00	222.20	12.06	6.15	72.14	226.40	9.10	11.19	73.53	999.00	-2.52	999.00	-2.10	0.00
21	6	20	11	229.60	12.83	6.01	75.66	999.00	228.40	12.41	6.07	76.12	226.60	9.14	11.31	78.17	999.00	-2.41	999.00	-1.99	0.00
21	6	20	12	232.60	12.13	10.23	77.34	999.00	231.30	11.61	12.34	77.78	237.60	8.17	29.82	79.88	999.00	-2.40	999.00	-1.97	0.00
21	6	20	13	358.40	4.90	17.22	75.90	999.00	0.14	4.81	12.84	75.85	4.43	5.83	12.44	76.63	999.00	-0.32	999.00	-0.53	0.00
21	6	20	14	0.21	4.93	10.52	75.82	999.00	360.00	4.93	10.24	75.72	355.00	6.38	11.67	76.45	999.00	-0.54	999.00	-0.75	0.00

21	6	20	15	33.97	5.49	15.32	76.97	999.00	28.63	5.15	13.50	76.92	19.54	6.41	8.39	77.63	999.00	-1.27	999.00	-0.84	0.00
21	6	20	16	56.19	7.34	11.87	77.28	999.00	59.33	7.33	10.64	77.28	67.81	5.58	16.71	78.30	999.00	-1.67	999.00	-1.48	0.00
21	6	20	17	55.27	7.90	7.28	77.65	999.00	53.45	7.72	9.15	77.75	54.17	6.79	13.71	79.07	999.00	-1.83	999.00	-1.45	0.00
21	6	20	18	65.82	8.90	6.23	77.12	999.00	71.30	9.29	6.95	77.04	87.20	5.17	15.03	78.35	999.00	-0.32	999.00	-0.95	0.00
21	6	20	19	92.70	12.05	2.22	77.75	999.00	90.30	12.11	3.31	77.61	93.80	5.78	15.48	77.65	999.00	-0.28	999.00	-0.49	0.00
21	6	20	20	95.80	16.58	2.77	76.75	999.00	95.60	14.60	4.23	76.42	102.00	6.21	16.08	77.03	999.00	-0.36	999.00	-0.72	0.00
21	6	20	21	115.30	16.55	3.30	75.94	999.00	110.50	14.53	4.20	75.86	107.80	6.50	14.28	76.30	999.00	-0.42	999.00	-0.38	0.00
21	6	20	22	343.80	4.78	30.87	74.82	999.00	333.90	5.97	28.14	74.54	351.10	5.39	34.14	73.60	999.00	2.81	999.00	2.81	0.00
21	6	20	23	290.40	14.78	40.68	73.88	999.00	295.70	13.67	46.76	72.91	293.90	9.01	44.60	70.50	999.00	2.26	999.00	1.70	0.05
21	6	20	24	123.70	2.50	49.57	71.35	999.00	86.30	3.51	18.81	71.58	86.90	2.76	21.13	69.67	999.00	2.87	999.00	2.73	0.00
21	6	21	1	0.97	17.73	18.82	71.10	999.00	358.70	16.47	18.81	71.23	357.90	14.91	14.54	70.17	999.00	-0.54	999.00	-0.11	0.00
21	6	21	2	47.35	4.61	86.20	68.12	999.00	41.51	4.72	77.70	68.28	139.30	4.44	68.31	68.19	999.00	0.94	999.00	0.83	0.00
21	6	21	3	138.10	14.66	4.23	68.01	999.00	121.60	12.33	5.61	67.80	125.80	5.15	14.47	67.41	999.00	2.14	999.00	1.30	0.00
21	6	21	4	166.10	17.49	3.38	72.32	999.00	150.30	13.87	3.85	71.32	102.50	4.06	19.42	68.80	999.00	4.15	999.00	3.14	0.00
21	6	21	5	203.20	23.22	10.28	72.32	999.00	201.00	20.44	10.20	71.32	203.90	9.05	17.02	68.80	999.00	2.56	999.00	3.20	0.07
21	6	21	6	235.10	17.71	4.72	67.39	999.00	230.80	15.82	5.19	67.53	232.00	10.44	9.98	67.48	999.00	-0.32	999.00	-0.17	0.08
21	6	21	7	177.60	22.78	6.85	64.82	999.00	172.00	19.64	8.90	65.12	177.20	8.14	26.38	65.71	999.00	-1.06	999.00	-0.98	0.02
21	6	21	8	188.50	23.70	4.62	65.21	999.00	185.50	20.58	5.79	64.66	190.90	9.50	16.84	65.90	999.00	-0.67	999.00	-1.43	0.00
21	6	21	9	196.40	23.51	5.05	67.87	999.00	193.40	21.12	5.70	66.93	197.40	9.38	16.08	68.26	999.00	-0.08	999.00	-1.04	0.00
21	6	21	10	201.50	18.88	5.89	67.87	999.00	199.00	16.35	7.09	66.93	205.90	9.85	14.81	68.26	999.00	-2.18	999.00	-2.19	0.00
21	6	21	11	249.20	24.26	8.66	71.79	999.00	247.20	22.50	8.95	71.11	249.40	15.00	12.56	73.45	999.00	-0.79	999.00	-0.32	0.00
21	6	21	12	246.70	23.04	9.00	72.26	999.00	245.50	20.68	9.44	72.75	244.80	13.97	13.41	73.15	999.00	-2.24	999.00	-1.75	0.00
21	6	21	13	240.70	24.96	6.72	74.20	999.00	237.70	23.31	7.89	74.71	235.80	16.14	12.31	76.60	999.00	-2.42	999.00	-1.91	0.00
21	6	21	14	270.80	32.36	7.06	75.33	999.00	267.80	30.67	7.47	75.83	266.70	22.04	13.03	77.73	999.00	-2.80	999.00	-2.26	0.00
21	6	21	15	279.80	27.75	6.47	75.33	999.00	277.20	26.64	7.02	75.83	275.50	19.28	10.80	77.73	999.00	-2.94	999.00	-2.36	0.00
21	6	21	16	297.60	25.99	6.18	69.16	999.00	296.50	25.69	7.07	69.74	300.60	17.20	12.36	72.07	999.00	-2.77	999.00	-2.18	0.00
21	6	21	17	299.70	26.37	5.25	67.62	999.00	298.50	25.81	6.21	68.19	301.60	16.67	11.57	70.38	999.00	-2.34	999.00	-1.77	0.00
21	6	21	18	288.40	20.11	7.02	67.71	999.00	286.10	19.32	6.97	68.26	286.00	12.74	13.03	70.24	999.00	-2.13	999.00	-1.59	0.00
21	6	21	19	279.80	20.55	5.12	67.12	999.00	277.20	19.12	5.26	67.64	275.40	12.97	10.24	68.73	999.00	-1.52	999.00	-1.00	0.00
21	6	21	20	294.70	21.27	6.34	66.40	999.00	291.10	20.37	7.53	66.90	289.00	11.42	13.94	67.73	999.00	-1.14	999.00	-0.65	0.00
21	6	21	21	292.30	17.26	6.32	66.40	999.00	288.10	15.98	6.90	66.90	284.20	9.15	12.50	67.73	999.00	-1.05	999.00	-0.57	0.00
21	6	21	22	318.70	21.47	4.51	65.36	999.00	316.50	20.32	5.41	65.88	317.40	12.47	11.20	66.67	999.00	-1.40	999.00	-0.86	0.00
21	6	21	23	326.50	19.30	5.45	64.68	999.00	325.10	18.04	7.03	65.21	327.00	11.87	12.32	66.15	999.00	-1.53	999.00	-0.99	0.00
21	6	21	24	320.20	17.74	6.03	63.48	999.00	317.60	17.08	6.90	64.02	317.00	10.53	11.24	64.86	999.00	-1.36	999.00	-0.81	0.00
21	6	22	1	325.20	19.14	6.39	61.95	999.00	323.90	18.13	7.16	62.49	325.20	12.29	13.86	63.45	999.00	-1.55	999.00	-1.00	0.00
21	6	22	2	335.60	27.28	4.93	59.22	999.00	334.00	26.47	5.57	59.77	339.60	19.23	9.34	61.05	999.00	-1.96	999.00	-1.39	0.00
21	6	22	3	332.30	25.77	5.90	56.28	999.00	331.10	24.26	6.00	56.84	336.90	17.10	9.80	57.98	999.00	-1.86	999.00	-1.30	0.00
21	6	22	4	321.50	23.26	5.14	53.65	999.00	319.50	21.95	6.24	54.21	321.30	14.54	11.46	55.26	999.00	-1.45	999.00	-0.90	0.00
21	6	22	5	334.30	15.72	6.46	52.33	999.00	332.60	15.07	7.27	52.88	337.30	10.06	11.80	53.78	999.00	-1.61	999.00	-1.05	0.00
21	6	22	6	343.40	15.03	7.19	51.82	999.00	341.30	14.44	7.90	52.41	343.40	11.20	11.93	53.46	999.00	-1.84	999.00	-1.23	0.00
21	6	22	7	349.40	15.50	8.68	51.81	999.00	348.40	14.62	9.22	52.42	349.40	11.86	11.87	53.70	999.00	-2.04	999.00	-1.41	0.00
21	6	22	8	350.70	16.06	8.47	52.07	999.00	348.10	14.91	7.15	52.66	351.10	13.26	9.09	54.34	999.00	-2.26	999.00	-1.70	0.00
21	6	22	9	342.60	15.03	5.19	52.43	999.00	340.50	14.99	5.38	52.97	343.20	12.77	8.26	54.77	999.00	-2.38	999.00	-1.91	0.00
21	6	22	10	337.00	11.60	7.77	52.75	999.00	336.00	11.53	8.76	53.21	342.00	9.51	13.45	55.33	999.00	-2.54	999.00	-2.11	0.00
21	6	22	11	340.90	9.62	10.98	53.72	999.00	337.50	9.56	11.46	54.26	334.40	8.08	16.86	56.29	999.00	-2.93	999.00	-2.30	0.00
21	6	22	12	328.30	9.79	11.10	54.36	999.00	324.50	9.51	12.44	54.80	321.70	7.64	24.97	56.80	999.00	-2.61	999.00	-2.09	0.00

21	6	22	13	333.50	10.92	9.46	55.14	999.00	332.40	10.84	10.55	55.70	333.60	9.10	20.71	57.76	999.00	-2.56	999.00	-1.94	0.00
21	6	22	14	323.40	9.28	14.54	56.59	999.00	323.70	9.64	14.75	57.21	332.30	7.45	22.48	59.30	999.00	-2.96	999.00	-2.26	0.00
21	6	22	15	330.70	9.56	14.25	58.41	999.00	330.70	9.77	13.52	59.04	345.40	7.79	18.29	60.88	999.00	-2.31	999.00	-1.65	0.00
21	6	22	16	59.69	3.53	73.10	60.77	999.00	48.72	3.24	79.90	61.37	113.80	3.39	75.80	62.95	999.00	-2.04	999.00	-1.17	0.00
21	6	22	17	119.30	6.38	26.78	61.78	999.00	106.20	6.28	23.65	62.43	128.50	4.95	31.80	64.23	999.00	-2.57	999.00	-1.94	0.00
21	6	22	18	104.80	10.25	6.19	61.78	999.00	100.70	10.34	5.92	62.43	102.60	5.47	16.98	64.23	999.00	-1.74	999.00	-1.25	0.00
21	6	22	19	115.00	5.13	13.66	61.85	999.00	109.90	5.25	12.75	62.43	102.70	3.66	21.20	63.55	999.00	-1.84	999.00	-1.21	0.00
21	6	22	20	203.80	5.90	36.81	63.68	999.00	189.50	5.04	37.03	64.34	170.40	3.50	37.62	65.21	999.00	-1.33	999.00	-0.70	0.00
21	6	22	21	261.30	6.25	6.65	64.57	999.00	265.20	6.17	6.21	65.08	265.00	3.16	9.00	65.49	999.00	-0.80	999.00	-0.30	0.00
21	6	22	22	242.40	6.93	10.76	64.37	999.00	239.50	6.41	11.06	64.88	227.50	3.20	11.81	64.77	999.00	0.14	999.00	0.64	0.00
21	6	22	23	230.90	13.58	2.52	63.89	999.00	223.30	11.29	3.48	63.92	207.20	4.47	10.23	63.46	999.00	1.48	999.00	1.13	0.00
21	6	22	24	255.70	13.05	4.00	63.99	999.00	241.80	12.64	5.08	63.41	223.40	5.74	7.17	61.47	999.00	3.26	999.00	2.75	0.00
21	6	23	1	249.00	11.11	1.99	63.82	999.00	228.40	10.33	4.33	62.58	195.20	4.08	10.67	60.14	999.00	4.29	999.00	2.44	0.00
21	6	23	2	238.10	14.67	3.33	63.18	999.00	224.00	13.11	4.36	61.58	214.20	4.87	10.79	58.35	999.00	4.96	999.00	2.90	0.00
21	6	23	3	247.00	15.29	3.32	62.78	999.00	230.70	11.47	4.71	59.89	200.80	4.85	11.07	58.24	999.00	5.03	999.00	2.12	0.00
21	6	23	4	244.60	12.79	5.32	62.95	999.00	225.50	9.71	6.95	60.46	192.80	4.11	13.20	58.48	999.00	3.41	999.00	1.14	0.00
21	6	23	5	254.40	12.35	3.32	62.92	999.00	242.00	11.77	3.17	61.14	211.60	4.58	8.63	58.39	999.00	5.19	999.00	3.52	0.00
21	6	23	6	246.70	9.09	6.45	62.05	999.00	226.50	10.00	7.12	60.71	183.30	6.55	9.64	58.39	999.00	4.51	999.00	2.92	0.00
21	6	23	7	225.60	15.55	1.42	61.39	999.00	214.50	13.64	3.08	60.66	192.50	5.25	13.99	57.77	999.00	2.32	999.00	1.97	0.00
21	6	23	8	225.00	7.11	10.07	61.43	999.00	206.50	8.41	8.69	59.48	174.20	5.12	14.84	58.20	999.00	4.18	999.00	1.56	0.00
21	6	23	9	207.00	9.67	6.12	59.52	999.00	202.90	8.60	8.55	59.05	207.10	6.42	15.53	59.99	999.00	-2.05	999.00	-1.55	0.00
21	6	23	10	205.40	9.08	9.75	60.09	999.00	199.40	7.87	12.25	60.70	213.00	6.03	16.72	62.28	999.00	-2.57	999.00	-1.91	0.00
21	6	23	11	217.40	9.44	3.72	62.46	999.00	215.80	8.16	5.26	62.97	219.30	5.60	10.59	64.23	999.00	-1.45	999.00	-0.98	0.00
21	6	23	12	211.10	9.31	6.53	63.79	999.00	207.70	8.63	7.09	64.28	208.00	5.26	13.43	65.40	999.00	-1.42	999.00	-0.93	0.00
21	6	23	13	214.70	8.89	7.70	65.05	999.00	214.40	8.25	9.83	65.52	217.20	5.71	15.32	66.66	999.00	-1.89	999.00	-1.40	0.00
21	6	23	14	209.30	16.35	8.00	67.61	999.00	206.70	15.69	9.30	68.09	207.50	10.22	16.77	70.26	999.00	-2.81	999.00	-2.39	0.00
21	6	23	15	210.20	19.20	5.14	68.55	999.00	208.80	18.14	6.94	69.02	210.00	11.01	14.67	70.70	999.00	-1.67	999.00	-1.20	0.00
21	6	23	16	203.30	16.03	6.30	69.08	999.00	202.70	14.97	7.67	69.57	207.80	9.22	14.47	70.73	999.00	-1.83	999.00	-1.36	0.00
21	6	23	17	188.70	16.84	7.00	70.11	999.00	185.60	16.15	6.98	70.68	190.10	8.98	18.97	72.02	999.00	-1.74	999.00	-1.06	0.00
21	6	23	18	187.20	16.40	9.75	70.97	999.00	185.20	15.37	11.41	71.60	192.00	8.05	19.54	72.72	999.00	-1.58	999.00	-0.93	0.00
21	6	23	19	188.30	15.82	6.39	71.65	999.00	184.80	14.59	7.08	72.26	193.20	6.84	16.46	73.10	999.00	-1.36	999.00	-0.79	0.00
21	6	23	20	177.80	15.97	5.39	72.71	999.00	174.90	14.49	6.80	73.32	183.40	7.59	16.18	74.22	999.00	-1.18	999.00	-0.54	0.00
21	6	23	21	171.60	13.26	2.58	72.24	999.00	168.00	11.65	2.53	72.70	177.70	2.97	18.07	72.68	999.00	0.32	999.00	0.57	0.00
21	6	23	22	163.90	16.55	1.84	71.75	999.00	156.80	14.05	2.37	71.68	147.30	3.02	18.06	69.75	999.00	2.45	999.00	2.24	0.00
21	6	23	23	162.20	18.99	1.01	71.12	999.00	155.80	15.28	2.04	70.63	157.70	3.41	19.91	68.37	999.00	2.97	999.00	2.34	0.00
21	6	23	24	167.60	19.23	2.72	69.67	999.00	159.60	15.73	3.28	69.18	162.60	3.90	19.95	67.61	999.00	1.92	999.00	1.29	0.00
21	6	24	1	163.80	18.54	2.85	68.51	999.00	154.80	15.09	3.25	68.09	154.60	4.43	19.00	67.10	999.00	1.25	999.00	0.73	0.00
21	6	24	2	177.40	15.31	1.93	67.13	999.00	169.80	12.14	2.89	66.75	178.10	3.48	17.59	66.26	999.00	1.04	999.00	0.71	0.00
21	6	24	3	179.90	17.58	2.27	67.16	999.00	172.00	15.56	3.09	66.82	183.50	4.35	15.98	64.81	999.00	2.08	999.00	1.91	0.00
21	6	24	4	164.00	15.38	4.68	66.62	999.00	154.90	13.26	5.13	66.32	131.50	4.50	16.04	64.24	999.00	1.14	999.00	1.18	0.00
21	6	24	5	173.60	18.62	2.47	65.30	999.00	168.50	14.92	3.08	64.95	170.00	3.90	22.48	64.12	999.00	1.39	999.00	1.08	0.00
21	6	24	6	168.40	19.87	1.97	64.95	999.00	163.50	16.14	2.50	64.57	164.20	4.20	20.32	63.42	999.00	1.77	999.00	1.41	0.00
21	6	24	7	171.90	21.28	1.89	64.44	999.00	167.20	17.04	3.57	64.01	177.20	4.67	19.52	62.46	999.00	1.37	999.00	0.97	0.00
21	6	24	8	173.40	17.33	3.95	63.90	999.00	169.10	14.17	5.54	63.96	176.90	5.80	15.52	63.85	999.00	-0.67	999.00	-0.30	0.00
21	6	24	9	173.60	14.93	5.49	65.15	999.00	168.50	13.62	6.11	65.96	172.80	7.29	17.79	66.78	999.00	-1.91	999.00	-0.97	0.00
21	6	24	10	177.10	18.15	5.26	67.87	999.00	175.70	17.11	5.65	68.86	182.40	9.20	16.12	69.93	999.00	-2.03	999.00	-1.03	0.00

21	6	24	11	182.70	18.78	6.98	70.97	999.00	179.60	18.06	8.05	72.03	185.40	9.96	18.00	73.18	999.00	-2.22	999.00	-1.21	0.00
21	6	24	12	189.80	17.21	11.53	73.69	999.00	187.60	16.09	11.52	74.62	195.80	9.90	19.58	76.07	999.00	-2.48	999.00	-1.65	0.00
21	6	24	13	191.50	19.48	7.61	75.95	999.00	190.00	17.97	8.74	76.56	195.50	9.27	17.46	78.55	999.00	-2.61	999.00	-1.90	0.00
21	6	24	14	194.90	22.57	7.19	77.70	999.00	192.80	21.65	8.10	78.40	199.20	12.84	17.08	80.15	999.00	-2.40	999.00	-1.78	0.00
21	6	24	15	182.50	21.62	7.99	79.09	999.00	179.50	20.70	9.52	79.69	183.30	11.31	15.95	81.43	999.00	-2.25	999.00	-1.48	0.00
21	6	24	16	207.20	21.53	7.03	80.85	999.00	205.10	20.30	8.16	81.39	209.40	12.12	15.11	82.70	999.00	-1.72	999.00	-1.29	0.00
21	6	24	17	205.80	22.61	4.86	81.39	999.00	204.10	20.92	6.29	81.82	208.50	12.36	14.86	82.93	999.00	-1.38	999.00	-0.95	0.00
21	6	24	18	217.80	16.82	5.31	81.06	999.00	216.70	15.83	5.78	81.52	219.50	10.25	11.48	82.30	999.00	-1.17	999.00	-0.72	0.00
21	6	24	19	214.20	13.60	6.89	80.73	999.00	212.60	12.53	7.41	81.18	216.30	6.99	14.06	81.72	999.00	-0.89	999.00	-0.44	0.00
21	6	24	20	199.20	11.04	4.39	80.64	999.00	196.20	10.16	4.98	81.09	195.90	3.94	13.34	81.28	999.00	-0.32	999.00	0.16	0.00
21	6	24	21	180.70	12.59	1.81	80.12	999.00	175.50	10.22	2.69	80.35	165.80	1.25	18.57	79.45	999.00	1.21	999.00	1.20	0.00
21	6	24	22	170.40	16.42	0.80	80.12	999.00	163.00	14.07	1.28	80.35	157.80	2.78	15.87	79.45	999.00	2.92	999.00	2.69	0.00
21	6	24	23	187.30	17.09	2.72	78.63	999.00	176.40	13.98	2.89	77.96	158.50	2.97	18.63	75.97	999.00	2.79	999.00	1.95	0.00
21	6	24	24	171.10	18.31	1.42	76.99	999.00	161.30	15.73	1.60	76.47	154.60	3.92	18.24	74.43	999.00	2.45	999.00	1.90	0.00
21	6	25	1	168.10	19.32	2.82	75.20	999.00	163.20	16.06	3.06	74.80	168.70	5.02	18.31	73.65	999.00	1.15	999.00	0.86	0.00
21	6	25	2	174.30	17.68	3.51	73.98	999.00	170.10	14.91	4.36	73.94	177.90	5.55	16.35	73.70	999.00	-0.20	999.00	-0.10	0.00
21	6	25	3	177.90	20.40	4.28	73.67	999.00	175.40	17.23	5.07	73.77	183.10	6.89	14.09	73.75	999.00	-0.16	999.00	-0.05	0.00
21	6	25	4	186.50	15.70	3.88	73.14	999.00	185.00	13.06	5.03	73.27	194.10	4.41	14.06	73.40	999.00	-0.25	999.00	-0.09	0.00
21	6	25	5	200.80	14.88	2.65	72.41	999.00	197.20	12.59	4.22	72.60	195.70	4.87	14.37	72.55	999.00	-0.25	999.00	-0.04	0.00
21	6	25	6	173.90	16.33	5.04	72.38	999.00	163.70	14.19	4.34	72.36	151.90	4.38	19.74	71.95	999.00	0.70	999.00	0.62	0.00
21	6	25	7	159.20	15.57	5.78	71.58	999.00	153.50	13.55	5.43	71.75	156.50	4.49	21.62	71.82	999.00	-0.22	999.00	0.00	0.00
21	6	25	8	167.30	14.40	6.81	999.00	999.00	164.10	11.52	9.09	999.00	177.50	3.82	29.34	71.37	999.00	-0.41	999.00	-0.14	0.00
21	6	25	9	159.50	20.31	4.75	71.13	999.00	155.40	17.65	5.84	71.52	160.00	6.84	21.56	72.07	999.00	-1.04	999.00	-0.65	0.00
21	6	25	10	169.50	19.46	5.35	71.49	999.00	166.20	17.32	6.80	71.92	175.30	7.67	17.06	72.65	999.00	-1.27	999.00	-0.78	0.00
21	6	25	11	171.30	20.73	6.34	72.62	999.00	168.40	18.69	6.67	73.26	177.70	9.63	17.03	74.30	999.00	-1.62	999.00	-0.98	0.00
21	6	25	12	209.70	14.71	7.90	72.58	999.00	212.00	13.08	9.38	73.10	223.40	7.12	16.92	73.52	999.00	-0.16	999.00	0.38	0.30
21	6	25	13	190.00	18.58	6.10	67.64	999.00	185.60	15.99	8.26	67.76	184.50	7.55	17.39	67.32	999.00	-1.03	999.00	-0.77	0.20
21	6	25	14	181.20	12.35	4.04	66.86	999.00	176.20	10.31	5.46	67.07	176.50	4.28	18.71	68.12	999.00	-1.28	999.00	-1.13	0.03
21	6	25	15	165.20	14.95	6.30	69.10	999.00	160.30	13.10	7.22	68.60	164.90	5.76	20.80	70.50	999.00	-1.42	999.00	-2.25	0.02
21	6	25	16	160.30	20.87	4.70	69.96	999.00	156.00	18.79	5.46	69.67	164.00	8.16	21.77	71.07	999.00	-1.13	999.00	-1.50	0.02
21	6	25	17	149.20	24.77	5.09	70.07	999.00	145.00	22.49	5.78	69.63	149.60	10.00	18.98	70.90	999.00	-0.66	999.00	-1.29	0.00
21	6	25	18	158.00	24.80	5.24	71.11	999.00	154.40	22.70	6.23	70.40	160.20	9.44	20.40	71.92	999.00	-0.97	999.00	-1.67	0.00
21	6	25	19	168.50	24.44	6.23	72.49	999.00	164.80	21.84	7.39	72.59	173.40	10.99	18.79	74.07	999.00	-0.61	999.00	-0.15	0.00
21	6	25	20	184.00	24.70	6.17	73.50	999.00	181.60	22.75	6.89	74.14	189.20	10.22	17.30	73.58	999.00	0.29	999.00	1.02	0.00
21	6	25	21	182.40	23.40	5.43	74.26	999.00	180.00	20.84	6.72	74.73	188.60	9.51	16.34	73.47	999.00	0.88	999.00	1.26	0.00
21	6	25	22	189.90	20.17	4.89	73.51	999.00	188.90	17.77	6.02	74.51	200.00	8.42	16.62	72.88	999.00	0.98	999.00	2.06	0.00
21	6	25	23	184.20	24.06	4.95	74.34	999.00	181.20	21.24	6.05	74.94	190.00	9.80	15.92	73.55	999.00	0.50	999.00	0.77	0.00
21	6	25	24	187.50	24.27	4.09	74.82	999.00	184.60	21.39	4.58	75.32	190.70	9.12	14.90	74.28	999.00	0.34	999.00	0.92	0.00
21	6	26	1	189.50	24.22	5.01	75.10	999.00	187.60	21.53	5.70	75.44	194.50	9.75	15.29	75.07	999.00	-0.17	999.00	0.17	0.00
21	6	26	2	194.80	26.33	5.16	75.18	999.00	192.00	23.15	5.77	75.58	195.40	10.68	16.16	74.57	999.00	0.51	999.00	1.02	0.00
21	6	26	3	200.60	20.23	4.90	74.94	999.00	197.40	17.59	5.79	75.32	202.00	8.23	15.04	75.65	999.00	-0.74	999.00	-0.36	0.00
21	6	26	4	200.00	20.49	5.17	999.00	999.00	196.30	17.93	6.18	999.00	200.60	8.70	15.23	75.80	999.00	-0.65	999.00	-0.29	0.00
21	6	26	5	194.00	21.55	4.10	75.12	999.00	190.60	19.63	4.80	75.47	193.30	8.19	15.90	75.77	999.00	-0.71	999.00	-0.34	0.00
21	6	26	6	190.70	20.62	4.57	74.77	999.00	187.00	18.13	5.23	75.14	190.10	8.50	15.26	75.52	999.00	-0.77	999.00	-0.42	0.00
21	6	26	7	194.50	23.57	4.44	74.17	999.00	192.20	21.37	5.21	74.56	195.30	9.64	16.28	75.00	999.00	-0.88	999.00	-0.47	0.00
21	6	26	8	194.20	24.12	5.57	74.39	999.00	191.30	21.65	5.70	74.82	193.20	9.73	15.75	75.53	999.00	-1.12	999.00	-0.70	0.00

21	6	26	9	196.30	22.58	5.35	74.91	999.00	193.60	20.57	5.77	75.39	196.00	10.28	15.51	76.32	999.00	-1.36	999.00	-0.88	0.00
21	6	26	10	190.60	22.51	6.73	74.78	999.00	187.40	20.91	6.72	75.30	191.20	10.96	17.78	76.30	999.00	-2.09	999.00	-1.47	0.00
21	6	26	11	196.80	23.17	7.01	999.00	999.00	194.80	21.44	7.43	999.00	198.70	11.37	16.44	77.63	999.00	-2.08	999.00	-1.57	0.00
21	6	26	12	197.20	22.27	5.46	76.39	999.00	194.00	20.77	6.24	76.90	199.00	11.46	16.41	78.28	999.00	-1.53	999.00	-1.03	0.00
21	6	26	13	197.80	24.10	6.78	77.29	999.00	195.50	22.51	7.49	77.78	198.00	12.46	16.83	79.05	999.00	-2.13	999.00	-1.63	0.00
21	6	26	14	181.60	24.59	7.81	78.71	999.00	179.10	23.08	8.28	79.28	186.40	12.55	16.18	80.75	999.00	-2.14	999.00	-1.41	0.00
21	6	26	15	194.60	28.35	6.25	80.65	999.00	192.40	25.89	7.01	81.20	198.40	14.01	16.61	82.80	999.00	-2.27	999.00	-1.75	0.00
21	6	26	16	199.70	29.22	4.66	81.77	999.00	198.00	27.54	5.11	82.23	203.40	16.25	13.36	83.97	999.00	-1.97	999.00	-1.56	0.00
21	6	26	17	196.50	29.05	5.63	82.74	999.00	194.30	26.97	6.29	83.19	200.30	13.95	16.81	84.60	999.00	-1.42	999.00	-0.97	0.00
21	6	26	18	194.60	29.05	5.88	83.53	999.00	192.50	26.72	6.62	84.01	195.80	14.73	16.51	85.20	999.00	-1.66	999.00	-1.16	0.00
21	6	26	19	190.10	27.78	5.27	83.66	999.00	188.20	25.61	5.60	84.13	191.40	12.17	16.43	84.88	999.00	-1.10	999.00	-0.63	0.00
21	6	26	20	189.70	23.43	5.53	83.25	999.00	187.50	21.42	6.18	83.70	191.30	10.21	16.48	84.25	999.00	-0.93	999.00	-0.50	0.00
21	6	26	21	183.00	23.30	5.16	82.79	999.00	180.00	20.88	6.05	83.25	186.40	10.54	16.03	83.65	999.00	-0.77	999.00	-0.36	0.00
21	6	26	22	185.60	25.48	4.63	81.52	999.00	182.60	22.67	5.85	81.83	189.80	10.50	17.00	81.97	999.00	-0.40	999.00	-0.10	0.00
21	6	26	23	181.60	25.08	4.75	80.23	999.00	179.00	21.85	5.94	80.47	185.40	10.32	15.77	80.60	999.00	-0.39	999.00	-0.13	0.00
21	6	26	24	187.00	27.23	5.03	79.01	999.00	185.40	24.28	6.06	79.29	192.00	10.84	16.37	79.50	999.00	-0.57	999.00	-0.26	0.00
21	6	27	1	186.50	26.04	4.80	77.91	999.00	183.90	23.30	5.35	78.21	189.90	10.46	16.14	78.52	999.00	-0.66	999.00	-0.37	0.00
21	6	27	2	188.20	26.11	4.95	76.91	999.00	185.40	23.26	5.13	77.23	192.40	11.17	14.71	77.57	999.00	-0.62	999.00	-0.32	0.00
21	6	27	3	193.40	25.20	4.00	75.99	999.00	190.80	22.17	4.71	76.30	192.80	9.78	14.92	76.53	999.00	-0.44	999.00	-0.17	0.00
21	6	27	4	190.40	24.91	3.97	74.92	999.00	188.00	21.87	4.52	75.18	192.90	9.47	16.29	75.40	999.00	-0.51	999.00	-0.25	0.00
21	6	27	5	191.70	24.56	3.17	73.94	999.00	188.50	21.54	3.95	74.16	192.10	9.63	14.47	74.38	999.00	-0.31	999.00	-0.15	0.00
21	6	27	6	193.80	24.26	3.31	73.71	999.00	189.70	21.03	4.00	73.79	190.70	8.47	15.54	73.82	999.00	0.03	999.00	0.05	0.00
21	6	27	7	194.80	23.57	4.21	74.11	999.00	191.50	20.75	4.61	74.30	192.10	9.37	15.18	74.28	999.00	-0.46	999.00	-0.20	0.00
21	6	27	8	198.90	21.32	5.44	74.76	999.00	195.40	18.52	6.39	75.05	197.40	9.02	15.13	75.48	999.00	-1.05	999.00	-0.70	0.00
21	6	27	9	207.60	22.77	6.71	76.04	999.00	204.50	20.43	7.58	76.41	208.90	11.69	13.68	77.47	999.00	-1.72	999.00	-1.34	0.00
21	6	27	10	224.00	28.46	5.20	78.00	999.00	222.20	26.66	5.64	78.44	223.30	18.20	10.13	79.60	999.00	-1.54	999.00	-1.10	0.00
21	6	27	11	217.20	25.46	6.49	78.39	999.00	215.40	23.88	7.02	78.83	219.60	16.47	12.52	80.18	999.00	-2.20	999.00	-1.74	0.00
21	6	27	12	221.30	26.19	6.28	78.39	999.00	219.70	24.93	6.28	78.83	222.70	17.21	11.58	80.18	999.00	-1.87	999.00	-1.45	0.00
21	6	27	13	213.50	25.87	5.80	80.31	999.00	212.70	24.59	6.67	80.72	216.10	15.87	15.17	82.27	999.00	-2.48	999.00	-2.08	0.00
21	6	27	14	215.10	25.26	7.57	999.00	999.00	214.10	23.69	8.29	999.00	217.10	15.90	12.24	83.93	999.00	-2.39	999.00	-1.95	0.22
21	6	27	15	192.90	18.37	4.96	74.45	999.00	185.90	16.34	5.47	74.82	187.80	7.73	14.82	75.88	999.00	-1.33	999.00	-1.83	0.00
21	6	27	16	194.90	16.55	7.45	76.81	999.00	192.40	15.56	8.60	75.54	198.30	9.37	17.96	78.22	999.00	-2.26	999.00	-3.88	0.00
21	6	27	17	218.20	26.18	4.20	79.63	999.00	216.30	24.88	4.94	79.12	218.20	16.86	10.92	83.00	999.00	-3.68	999.00	-3.54	0.00
21	6	27	18	208.00	15.80	8.37	81.18	999.00	204.80	15.01	9.35	81.66	205.90	9.05	18.20	82.88	999.00	-2.43	999.00	-1.93	0.02
21	6	27	19	185.60	22.39	6.17	80.61	999.00	182.70	20.38	7.31	81.11	191.60	10.42	16.12	82.15	999.00	-1.77	999.00	-1.25	0.03
21	6	27	20	184.50	12.21	5.15	74.75	999.00	179.00	11.10	5.10	74.95	181.20	4.92	16.89	75.02	999.00	-0.22	999.00	0.44	0.00
21	6	27	21	185.50	16.63	4.91	75.12	999.00	180.80	13.77	5.78	75.36	184.80	5.58	16.55	74.90	999.00	-0.06	999.00	0.19	0.00
21	6	27	22	188.60	19.10	3.78	75.12	999.00	184.50	16.30	4.76	75.36	189.40	6.26	15.54	74.90	999.00	-0.06	999.00	0.07	0.00
21	6	27	23	202.40	19.09	3.34	76.05	999.00	198.80	16.54	4.18	76.18	197.60	6.78	14.56	75.85	999.00	0.23	999.00	0.46	0.00
21	6	27	24	209.80	17.37	4.81	75.95	999.00	204.70	14.39	6.01	76.06	203.10	5.90	14.51	75.43	999.00	0.56	999.00	0.65	0.00
21	6	28	1	225.10	19.94	3.53	76.32	999.00	221.70	16.40	4.32	76.31	215.50	7.18	12.27	75.32	999.00	1.00	999.00	1.00	0.00
21	6	28	2	217.70	12.11	2.71	75.77	999.00	209.80	9.75	3.09	75.83	201.00	2.88	10.74	74.43	999.00	1.99	999.00	2.05	0.00
21	6	28	3	211.80	13.26	5.14	75.04	999.00	201.70	11.70	4.94	74.96	192.70	3.56	15.10	72.70	999.00	2.37	999.00	2.09	0.00
21	6	28	4	209.90	16.36	2.72	75.32	999.00	200.30	12.88	4.01	74.83	194.90	4.03	14.75	73.48	999.00	1.26	999.00	0.82	0.00
21	6	28	5	201.60	15.92	2.82	75.32	999.00	195.70	12.74	3.08	74.83	200.90	4.30	13.50	73.48	999.00	0.45	999.00	0.27	0.00
21	6	28	6	219.10	15.51	3.64	999.00	999.00	213.20	12.31	3.52	999.00	212.80	4.53	10.79	73.13	999.00	0.89	999.00	0.58	0.00

21	6	28	7	219.30	14.92	2.35	73.64	999.00	207.90	11.71	3.38	73.28	198.60	3.82	12.97	72.85	999.00	0.66	999.00	0.33	0.00
21	6	28	8	208.80	11.66	6.77	72.91	999.00	198.90	9.64	6.46	72.69	201.00	4.29	16.12	73.47	999.00	-1.24	999.00	-1.25	0.00
21	6	28	9	207.60	9.30	6.79	73.83	999.00	203.50	8.93	8.54	74.24	208.10	6.45	14.62	75.93	999.00	-2.47	999.00	-1.96	0.00
21	6	28	10	217.30	10.19	6.69	75.57	999.00	215.60	9.67	8.66	76.07	220.00	7.20	14.82	78.10	999.00	-2.65	999.00	-2.16	0.00
21	6	28	11	222.90	8.59	7.85	77.50	999.00	223.40	8.36	7.64	77.98	230.90	6.93	12.72	80.00	999.00	-2.59	999.00	-2.15	0.00
21	6	28	12	225.50	7.97	10.00	79.69	999.00	223.40	7.61	9.73	80.15	224.60	5.75	16.67	82.18	999.00	-2.41	999.00	-1.98	0.00
21	6	28	13	232.20	11.04	7.51	81.48	999.00	231.70	10.89	6.52	81.95	235.20	8.37	12.43	83.93	999.00	-2.10	999.00	-1.64	0.00
21	6	28	14	225.50	13.33	5.72	83.01	999.00	224.10	12.67	6.88	83.43	230.70	9.33	11.46	85.40	999.00	-2.38	999.00	-1.98	0.00
21	6	28	15	252.50	9.13	9.47	83.01	999.00	252.90	8.24	10.93	83.43	256.20	6.58	16.07	85.40	999.00	-2.63	999.00	-2.22	0.00
21	6	28	16	204.50	3.70	50.59	82.51	999.00	175.30	3.01	45.04	83.05	141.80	2.72	50.66	84.10	999.00	-1.23	999.00	-0.65	0.09
21	6	28	17	177.70	10.62	5.51	82.40	999.00	170.20	9.69	6.35	82.66	177.70	5.89	13.20	82.43	999.00	-0.84	999.00	-0.41	0.00
21	6	28	18	308.00	8.05	15.88	82.95	999.00	303.50	8.15	13.25	83.59	298.40	5.87	17.41	85.05	999.00	-2.10	999.00	-1.84	0.02
21	6	28	19	163.70	9.46	8.46	81.07	999.00	154.00	8.63	11.21	81.48	147.00	4.64	13.39	81.70	999.00	0.51	999.00	0.76	0.03
21	6	28	20	152.30	13.29	6.35	77.73	999.00	144.20	10.01	9.67	77.13	146.80	5.20	19.41	78.28	999.00	0.28	999.00	-0.76	0.00
21	6	28	21	169.70	13.89	2.63	81.77	999.00	165.70	12.95	3.50	80.43	175.10	3.29	15.52	79.18	999.00	3.32	999.00	2.43	0.00
21	6	28	22	173.90	14.35	3.38	82.05	999.00	166.60	12.25	2.01	81.20	161.70	2.29	28.05	78.80	999.00	3.19	999.00	2.46	0.00
21	6	28	23	175.00	15.93	2.60	81.65	999.00	163.10	13.92	3.17	81.19	156.30	3.30	20.89	78.82	999.00	2.55	999.00	2.03	0.00
21	6	28	24	181.80	16.36	2.22	80.88	999.00	171.40	13.77	3.07	80.24	164.10	3.24	17.40	78.55	999.00	2.76	999.00	2.15	0.00
21	6	29	1	208.40	15.81	3.25	80.88	999.00	204.50	11.38	4.06	80.24	206.60	2.60	14.27	78.55	999.00	5.22	999.00	2.47	0.00
21	6	29	2	195.00	14.03	3.84	80.07	999.00	190.70	11.03	4.58	78.94	194.80	3.24	14.83	77.48	999.00	1.20	999.00	0.67	0.00
21	6	29	3	193.00	13.16	2.93	77.58	999.00	192.30	10.00	3.99	77.23	186.20	3.42	10.99	76.72	999.00	0.88	999.00	0.59	0.00
21	6	29	4	203.70	13.63	2.56	76.54	999.00	203.10	10.36	2.66	76.37	204.10	3.57	11.87	75.88	999.00	0.94	999.00	0.58	0.00
21	6	29	5	206.30	14.52	1.75	999.00	999.00	199.00	11.27	1.77	999.00	189.90	3.17	11.50	75.30	999.00	1.54	999.00	1.14	0.00
21	6	29	6	218.50	16.17	2.11	77.35	999.00	204.80	13.09	3.58	76.32	181.00	4.60	8.29	75.05	999.00	3.22	999.00	1.68	0.00
21	6	29	7	220.50	14.17	2.17	77.23	999.00	208.00	11.72	2.16	75.90	191.00	3.74	10.19	74.55	999.00	2.51	999.00	1.38	0.00
21	6	29	8	218.80	14.67	4.36	77.26	999.00	210.30	10.64	7.94	76.03	212.90	5.37	14.02	75.60	999.00	-0.17	999.00	-0.81	0.00
21	6	29	9	229.50	10.23	3.99	76.48	999.00	224.70	9.24	4.64	76.71	221.30	6.12	9.96	77.92	999.00	-1.83	999.00	-1.54	0.00
21	6	29	10	197.30	7.78	10.54	78.83	999.00	193.40	7.28	11.74	79.44	200.40	4.46	21.92	81.20	999.00	-2.42	999.00	-1.60	0.00
21	6	29	11	212.90	8.90	9.55	78.83	999.00	210.40	8.13	12.14	79.44	215.90	5.73	17.56	81.20	999.00	-2.57	999.00	-2.00	0.00
21	6	29	12	226.10	12.35	10.64	83.23	999.00	226.70	11.47	10.69	83.73	226.90	9.29	12.00	85.65	999.00	-2.32	999.00	-1.83	0.00
21	6	29	13	222.20	12.37	6.53	84.59	999.00	220.80	11.59	7.44	85.04	225.20	9.16	10.34	87.02	999.00	-2.47	999.00	-2.03	0.00
21	6	29	14	221.10	12.42	6.90	85.80	999.00	219.90	11.81	7.92	86.21	222.30	8.58	13.85	88.15	999.00	-2.64	999.00	-2.24	0.00
21	6	29	15	213.60	12.03	8.83	86.70	999.00	211.10	11.04	9.37	87.14	209.10	7.48	17.82	89.15	999.00	-2.45	999.00	-1.99	0.00
21	6	29	16	231.80	13.02	12.02	87.55	999.00	230.70	12.34	11.74	87.98	231.00	8.78	16.68	89.88	999.00	-2.03	999.00	-1.64	0.00
21	6	29	17	339.30	21.68	3.85	87.55	999.00	340.60	19.80	5.34	87.98	344.20	14.83	7.44	89.88	999.00	-1.86	999.00	-1.63	0.05
21	6	29	18	328.60	10.10	9.58	77.63	999.00	330.40	8.87	11.91	77.68	344.20	7.30	14.56	78.95	999.00	-1.56	999.00	-1.30	0.02
21	6	29	19	51.30	5.82	19.66	77.36	999.00	54.39	6.70	15.76	77.75	73.70	4.93	19.48	78.82	999.00	-0.89	999.00	-0.69	0.00
21	6	29	20	166.50	20.14	7.13	76.07	999.00	162.10	17.82	8.42	76.15	171.60	7.57	24.75	76.53	999.00	-0.47	999.00	-0.48	0.00
21	6	29	21	153.60	11.69	4.20	72.93	999.00	150.10	8.90	7.55	73.11	160.60	3.66	24.94	73.60	999.00	-0.42	999.00	-0.49	0.00
21	6	29	22	185.50	15.70	4.78	999.00	999.00	179.30	12.09	4.68	999.00	190.10	5.52	14.34	73.47	999.00	2.54	999.00	-0.34	0.00
21	6	29	23	190.00	18.79	4.48	75.07	999.00	184.90	13.56	5.41	73.30	192.20	4.79	15.61	72.88	999.00	2.05	999.00	0.31	0.00
21	6	29	24	196.60	15.71	2.75	75.54	999.00	194.70	11.91	5.75	73.68	195.00	4.58	13.18	73.03	999.00	0.59	999.00	-0.04	0.00
21	6	30	1	211.70	17.24	4.88	73.33	999.00	214.30	12.55	7.86	72.87	221.90	6.21	11.56	72.93	999.00	0.50	999.00	-0.19	0.00
21	6	30	2	223.30	12.43	4.31	73.55	999.00	216.90	9.99	6.59	73.29	197.30	5.46	15.86	73.55	999.00	-0.51	999.00	-0.38	0.00
21	6	30	3	226.60	18.65	2.14	72.85	999.00	226.70	13.74	4.87	72.49	222.40	6.22	10.18	72.50	999.00	0.79	999.00	0.11	0.00
21	6	30	4	241.70	17.94	3.76	73.25	999.00	240.10	14.02	5.44	72.74	242.60	6.84	10.03	72.88	999.00	0.68	999.00	0.08	0.00

21	6	30	5	244.80	17.48	4.27	73.65	999.00	237.40	12.78	6.58	73.23	218.20	5.76	11.38	73.18	999.00	1.13	999.00	0.45	0.00
21	6	30	6	244.00	15.90	4.13	999.00	999.00	234.20	11.67	5.42	999.00	215.20	5.82	12.69	73.33	999.00	1.51	999.00	0.51	0.00
21	6	30	7	226.10	14.73	2.62	73.69	999.00	211.90	11.99	4.73	72.99	195.20	4.72	11.97	72.57	999.00	1.40	999.00	0.45	0.00
21	6	30	8	242.90	15.42	4.99	72.93	999.00	237.00	12.13	6.71	72.57	229.90	6.66	13.51	72.90	999.00	-0.30	999.00	-0.48	0.00
21	6	30	9	251.90	11.20	5.61	73.60	999.00	247.00	9.12	7.61	73.83	242.40	5.42	12.40	74.90	999.00	-1.60	999.00	-1.35	0.00
21	6	30	10	266.80	8.82	6.24	76.03	999.00	266.90	8.87	6.33	76.50	270.30	6.58	12.06	78.28	999.00	-2.43	999.00	-1.94	0.00
21	6	30	11	263.00	10.08	8.68	77.46	999.00	260.00	9.70	9.17	77.93	261.90	7.00	13.34	79.63	999.00	-1.92	999.00	-1.40	0.00
21	6	30	12	274.70	10.16	4.63	75.57	999.00	276.70	8.82	5.06	76.06	277.40	5.26	12.93	76.95	999.00	-1.28	999.00	-0.85	0.00
21	6	30	13	270.90	6.54	10.36	74.10	999.00	269.40	6.36	13.22	74.64	271.10	5.12	15.26	76.10	999.00	-2.56	999.00	-2.02	0.00
21	6	30	14	328.50	14.77	6.40	74.27	999.00	329.10	14.23	6.59	74.81	336.70	11.34	10.24	76.47	999.00	-1.98	999.00	-1.37	0.00
21	6	30	15	305.10	11.31	5.03	71.66	999.00	304.40	10.77	4.90	72.19	303.80	6.22	12.12	73.20	999.00	-1.29	999.00	-0.79	0.00
21	6	30	16	264.70	10.76	6.08	70.53	999.00	262.10	9.05	7.37	71.44	257.90	5.29	12.45	71.73	999.00	-1.16	999.00	-0.18	0.00
21	6	30	17	227.50	12.98	7.56	70.68	999.00	225.20	12.36	8.13	71.45	229.20	8.87	13.03	71.97	999.00	-1.28	999.00	-0.59	0.00
21	6	30	18	208.20	14.95	4.45	70.46	999.00	204.70	13.61	5.58	71.48	207.50	7.52	13.97	71.57	999.00	-1.20	999.00	-0.25	0.00
21	6	30	19	223.50	15.14	4.29	70.76	999.00	221.10	14.65	5.73	71.16	217.80	10.51	10.20	72.27	999.00	-1.66	999.00	-1.24	0.00
21	6	30	20	235.60	12.70	6.50	70.80	999.00	232.90	11.65	7.37	71.49	237.60	8.17	14.27	72.55	999.00	-1.69	999.00	-0.94	0.00
21	6	30	21	213.50	12.70	5.39	70.63	999.00	208.60	11.16	6.33	71.36	203.80	6.30	13.26	72.18	999.00	-1.38	999.00	-0.64	0.00
21	6	30	22	216.90	15.98	2.97	70.56	999.00	213.10	13.76	4.33	71.20	211.80	7.75	11.43	71.72	999.00	-1.10	999.00	-0.48	0.00
21	6	30	23	220.40	14.99	3.78	70.36	999.00	216.20	12.78	5.36	70.93	212.00	7.16	13.02	71.58	999.00	-1.33	999.00	-0.76	0.00
21	6	30	24	235.70	14.65	6.07	70.09	999.00	232.10	12.82	6.57	70.81	233.40	8.80	12.34	71.55	999.00	-1.54	999.00	-0.84	0.00
21	7	1	1	238.20	13.26	6.35	999.00	999.00	234.10	12.02	6.36	999.00	233.90	8.05	9.49	71.60	999.00	-1.60	999.00	-0.98	0.00
21	7	1	2	247.10	13.24	4.36	999.00	999.00	241.90	11.37	5.32	999.00	241.50	7.07	9.14	71.30	999.00	-1.32	999.00	-0.75	0.00
21	7	1	3	267.90	11.79	3.98	69.77	999.00	260.70	9.84	5.41	70.21	253.00	4.55	10.95	70.98	999.00	-1.10	999.00	-0.80	0.00
21	7	1	4	284.80	11.55	4.38	69.72	999.00	277.60	9.49	4.37	70.17	257.50	4.20	10.37	70.70	999.00	-0.77	999.00	-0.22	0.00
21	7	1	5	286.20	12.57	2.05	70.17	999.00	273.90	10.82	2.54	70.78	239.60	5.36	7.27	70.15	999.00	0.22	999.00	0.91	0.00
21	7	1	6	307.80	10.70	3.99	69.93	999.00	300.50	8.82	6.45	70.42	263.00	2.69	10.49	69.34	999.00	1.42	999.00	1.48	0.00
21	7	1	7	326.90	13.59	5.50	70.03	999.00	324.60	12.85	5.33	70.45	325.20	7.93	10.71	69.72	999.00	-0.66	999.00	-0.14	0.00
21	7	1	8	359.00	8.09	14.55	69.52	999.00	354.80	7.20	12.38	70.04	354.40	6.67	13.92	70.47	999.00	-0.89	999.00	-0.34	0.00
21	7	1	9	42.64	8.89	8.04	69.97	999.00	42.03	9.08	6.13	70.48	53.25	6.64	11.76	70.93	999.00	-1.49	999.00	-1.08	0.00
21	7	1	10	17.25	5.65	10.68	70.19	999.00	13.62	5.05	10.33	70.69	9.15	5.74	13.79	71.85	999.00	-1.62	999.00	-1.15	0.00
21	7	1	11	4.33	6.45	15.09	70.89	999.00	0.89	6.17	16.22	71.20	2.27	6.80	21.44	72.22	999.00	-1.27	999.00	-0.90	0.00
21	7	1	12	2.07	8.82	12.50	70.89	999.00	358.30	8.36	12.93	71.20	4.80	8.41	15.41	72.22	999.00	-1.37	999.00	-1.15	0.00
21	7	1	13	6.70	8.62	12.68	71.12	999.00	6.02	7.58	13.24	71.44	7.78	7.52	16.98	72.65	999.00	-1.43	999.00	-1.11	0.00
21	7	1	14	9.94	7.83	16.94	71.84	999.00	6.66	7.47	17.09	72.12	13.59	6.56	24.60	73.43	999.00	-1.52	999.00	-1.28	0.00
21	7	1	15	43.15	7.86	14.93	72.85	999.00	39.66	7.24	14.17	73.18	36.96	6.39	14.92	74.55	999.00	-2.03	999.00	-1.55	0.00
21	7	1	16	39.22	10.87	11.93	72.95	999.00	37.57	10.54	11.94	73.46	44.92	9.30	20.11	75.15	999.00	-2.03	999.00	-1.61	0.00
21	7	1	17	6.65	13.64	9.80	71.08	999.00	3.28	11.43	10.37	71.53	6.47	10.01	11.92	72.75	999.00	-1.67	999.00	-1.03	0.00
21	7	1	18	18.38	16.80	7.66	70.30	999.00	17.95	13.21	8.08	70.81	23.87	13.66	11.55	72.03	999.00	-1.74	999.00	-1.19	0.00
21	7	1	19	36.05	15.19	8.62	70.69	999.00	33.51	14.01	9.26	71.27	35.74	10.62	11.95	72.55	999.00	-1.88	999.00	-1.30	0.00
21	7	1	20	47.70	18.08	5.69	69.44	999.00	44.37	16.85	6.45	70.02	51.75	10.99	11.45	71.33	999.00	-1.75	999.00	-1.18	0.00
21	7	1	21	44.22	18.58	4.40	68.89	999.00	41.82	17.86	4.99	69.46	47.16	11.47	12.81	70.53	999.00	-1.53	999.00	-0.99	0.00
21	7	1	22	40.43	18.97	9.39	68.47	999.00	38.90	17.43	8.96	69.06	42.85	11.83	14.59	70.09	999.00	-1.61	999.00	-1.02	0.00
21	7	1	23	29.60	19.44	7.95	67.01	999.00	26.56	17.58	8.91	67.61	28.65	15.71	9.65	68.87	999.00	-1.94	999.00	-1.33	0.00
21	7	1	24	21.82	19.89	6.30	65.15	999.00	20.52	16.66	7.13	65.73	26.19	16.61	10.82	67.06	999.00	-1.85	999.00	-1.29	0.00
21	7	2	1	11.71	16.24	9.46	63.53	999.00	9.65	13.51	10.59	64.11	13.24	12.72	14.67	65.39	999.00	-1.84	999.00	-1.26	0.00
21	7	2	2	0.78	13.54	11.85	62.87	999.00	357.20	12.40	10.73	63.47	357.40	12.44	10.69	64.77	999.00	-1.88	999.00	-1.28	0.00

21	7	2	3	348.40	19.15	6.47	62.02	999.00	346.00	17.81	7.11	62.62	347.60	14.55	9.17	63.90	999.00	-1.86	999.00	-1.26	0.00
21	7	2	4	355.20	17.60	10.39	61.35	999.00	353.50	16.20	11.40	61.95	355.50	14.89	11.73	63.26	999.00	-1.88	999.00	-1.30	0.00
21	7	2	5	340.50	20.04	6.89	61.38	999.00	338.20	18.94	7.45	61.96	340.50	14.54	9.32	63.27	999.00	-1.88	999.00	-1.30	0.00
21	7	2	6	337.00	20.98	5.69	60.74	999.00	334.50	20.16	5.83	61.31	336.80	14.72	8.73	62.43	999.00	-1.72	999.00	-1.16	0.00
21	7	2	7	342.20	21.85	6.15	60.39	999.00	340.00	20.34	7.26	60.96	343.60	14.97	9.08	62.14	999.00	-1.84	999.00	-1.27	0.00
21	7	2	8	342.90	22.78	5.31	60.39	999.00	340.70	21.53	6.00	60.96	342.50	16.23	8.95	62.14	999.00	-2.08	999.00	-1.54	0.00
21	7	2	9	344.70	23.29	5.36	60.74	999.00	341.80	22.58	6.50	61.28	343.10	17.38	8.61	62.91	999.00	-2.09	999.00	-1.61	0.00
21	7	2	10	355.30	20.74	10.10	61.72	999.00	354.60	18.90	10.21	62.23	358.40	16.24	11.38	63.88	999.00	-2.12	999.00	-1.69	0.00
21	7	2	11	346.90	18.45	7.85	62.87	999.00	344.40	17.50	8.57	63.31	344.10	14.84	10.11	65.10	999.00	-2.10	999.00	-1.66	0.00
21	7	2	12	340.20	19.81	8.74	64.09	999.00	339.50	19.14	8.84	64.57	346.20	15.30	12.16	66.40	999.00	-2.16	999.00	-1.74	0.00
21	7	2	13	340.70	19.09	6.40	65.72	999.00	338.90	18.28	6.22	66.20	343.60	15.53	9.05	67.99	999.00	-2.27	999.00	-1.76	0.00
21	7	2	14	340.20	18.22	6.78	67.46	999.00	339.80	18.02	6.45	67.97	344.70	16.27	8.58	69.83	999.00	-2.06	999.00	-1.66	0.00
21	7	2	15	340.30	18.03	7.20	68.74	999.00	338.90	17.16	7.28	69.19	345.20	14.02	9.94	70.93	999.00	-2.20	999.00	-1.73	0.00
21	7	2	16	331.20	15.49	8.51	69.92	999.00	328.80	15.04	8.48	70.44	328.90	12.27	13.33	72.43	999.00	-2.84	999.00	-2.29	0.00
21	7	2	17	337.60	14.34	7.93	70.64	999.00	335.40	13.89	7.99	71.11	337.50	12.12	10.91	72.88	999.00	-2.12	999.00	-1.60	0.00
21	7	2	18	338.00	12.04	7.64	71.00	999.00	337.20	11.80	7.41	71.44	342.90	9.61	9.47	72.92	999.00	-1.84	999.00	-1.45	0.00
21	7	2	19	338.10	16.28	3.89	71.53	999.00	336.50	15.66	5.13	72.02	341.00	12.36	8.51	73.50	999.00	-2.03	999.00	-1.57	0.00
21	7	2	20	13.12	12.34	9.03	71.44	999.00	12.22	10.17	9.95	71.92	13.26	9.96	11.22	73.10	999.00	-1.44	999.00	-0.91	0.00
21	7	2	21	24.94	15.17	5.93	70.63	999.00	23.36	12.98	6.86	71.22	29.19	11.90	10.22	72.18	999.00	-1.60	999.00	-1.00	0.00
21	7	2	22	22.63	15.40	5.98	70.21	999.00	21.56	12.93	7.83	70.80	26.43	12.35	10.12	71.80	999.00	-1.58	999.00	-0.99	0.00
21	7	2	23	19.11	11.63	9.01	69.52	999.00	18.84	9.53	8.97	70.09	21.10	8.38	11.49	71.02	999.00	-1.50	999.00	-0.92	0.00
21	7	2	24	27.05	8.83	10.45	68.84	999.00	25.02	7.88	10.07	69.43	25.57	7.01	14.82	70.32	999.00	-1.40	999.00	-0.82	0.00
21	7	3	1	27.44	9.00	8.70	68.07	999.00	24.67	8.19	8.99	68.66	24.99	8.24	10.53	69.39	999.00	-1.32	999.00	-0.73	0.00
21	7	3	2	23.73	8.16	10.06	67.39	999.00	19.75	6.85	10.56	67.98	28.07	6.20	15.98	68.54	999.00	-1.09	999.00	-0.49	0.00
21	7	3	3	8.89	9.28	9.70	67.47	999.00	5.98	8.04	9.97	68.08	4.10	6.60	13.11	68.88	999.00	-1.42	999.00	-0.80	0.00
21	7	3	4	355.80	8.64	10.29	67.16	999.00	352.60	7.79	9.63	67.75	345.60	6.28	8.25	68.53	999.00	-1.27	999.00	-0.64	0.00
21	7	3	5	2.76	7.30	13.40	66.33	999.00	2.42	6.71	12.79	66.94	4.04	5.26	15.53	67.66	999.00	-1.39	999.00	-0.76	0.00
21	7	3	6	16.86	4.43	12.99	65.66	999.00	17.72	3.36	18.85	66.20	175.90	2.46	12.50	63.92	999.00	2.78	999.00	3.30	0.00
21	7	3	7	283.40	0.63	34.74	65.21	999.00	280.40	1.17	18.63	65.61	213.30	2.87	12.60	60.29	999.00	5.97	999.00	6.13	0.00
21	7	3	8	238.40	3.84	4.14	64.81	999.00	237.00	6.04	5.08	63.94	239.00	3.92	10.70	60.27	999.00	3.44	999.00	2.17	0.00
21	7	3	9	261.40	7.04	4.44	64.12	999.00	255.20	5.71	7.80	62.52	230.30	4.45	10.64	62.90	999.00	0.04	999.00	-0.95	0.00
21	7	3	10	273.90	6.45	8.02	63.73	999.00	271.70	6.58	7.63	64.07	277.50	5.98	13.22	65.87	999.00	-3.02	999.00	-2.47	0.00
21	7	3	11	253.70	7.21	19.65	65.84	999.00	250.40	6.68	21.85	66.43	259.60	5.20	30.35	68.89	999.00	-3.09	999.00	-2.52	0.00
21	7	3	12	298.10	14.94	6.48	999.00	999.00	296.30	14.98	7.60	999.00	300.60	11.07	16.12	70.53	999.00	-3.60	999.00	-3.06	0.00
21	7	3	13	299.10	13.07	6.87	999.00	999.00	297.10	12.96	8.91	999.00	298.70	9.28	15.24	70.53	999.00	-3.25	999.00	-2.71	0.00
21	7	3	14	276.00	8.20	11.21	67.59	999.00	277.20	8.04	10.32	68.13	276.70	6.53	14.92	70.82	999.00	-2.81	999.00	-2.26	0.00
21	7	3	15	228.50	11.61	4.74	68.78	999.00	226.90	11.26	5.07	69.24	230.40	9.51	9.47	70.88	999.00	-2.20	999.00	-1.74	0.00
21	7	3	16	208.40	14.85	5.99	70.02	999.00	206.70	14.35	6.86	70.43	212.00	9.63	13.60	72.60	999.00	-2.91	999.00	-2.53	0.00
21	7	3	17	219.20	16.52	7.86	71.52	999.00	217.40	15.61	9.56	71.96	222.40	12.29	11.87	73.98	999.00	-2.27	999.00	-1.82	0.00
21	7	3	18	234.10	17.84	8.15	73.65	999.00	231.50	16.92	8.17	74.14	229.10	11.89	12.36	75.97	999.00	-2.10	999.00	-1.61	0.00
21	7	3	19	233.70	16.67	5.81	74.62	999.00	232.00	15.65	6.89	75.13	234.10	11.13	10.78	76.78	999.00	-2.02	999.00	-1.58	0.00
21	7	3	20	232.00	15.06	4.08	75.50	999.00	229.00	14.05	4.91	75.94	232.00	9.22	10.13	77.22	999.00	-1.38	999.00	-0.91	0.00
21	7	3	21	226.10	18.06	1.41	75.34	999.00	222.50	16.10	2.20	75.68	222.80	8.45	8.69	76.13	999.00	-0.22	999.00	-0.03	0.00
21	7	3	22	218.90	15.21	3.40	74.55	999.00	211.40	13.08	4.04	74.70	195.00	4.94	11.50	74.20	999.00	0.93	999.00	0.86	0.00
21	7	3	23	242.00	17.70	2.26	73.07	999.00	232.00	13.93	2.61	72.77	210.50	5.60	9.45	71.75	999.00	1.80	999.00	1.16	0.00
21	7	3	24	241.30	17.15	3.33	72.41	999.00	233.70	13.05	3.70	71.94	204.50	5.11	12.86	70.48	999.00	2.09	999.00	1.74	0.00

21	7	4	1	237.20	19.09	2.56	72.93	999.00	229.40	15.46	3.17	72.12	214.10	6.83	10.98	70.82	999.00	1.41	999.00	0.78	0.00
21	7	4	2	240.30	19.46	2.58	72.11	999.00	232.10	16.11	3.41	71.92	223.40	8.65	9.66	71.80	999.00	0.59	999.00	0.22	0.00
21	7	4	3	251.40	16.39	5.59	71.02	999.00	240.80	13.10	5.83	70.65	230.70	6.25	13.57	70.30	999.00	0.75	999.00	0.37	0.00
21	7	4	4	282.20	17.07	3.87	71.18	999.00	266.10	14.58	5.45	70.39	235.10	6.73	7.76	69.50	999.00	3.28	999.00	2.28	0.00
21	7	4	5	301.80	15.48	2.07	71.18	999.00	297.40	15.09	2.39	70.39	264.10	4.58	5.50	69.50	999.00	4.46	999.00	4.32	0.00
21	7	4	6	311.60	14.59	3.36	70.63	999.00	306.70	12.96	3.99	70.91	291.00	5.51	10.51	68.33	999.00	0.65	999.00	1.05	0.00
21	7	4	7	319.90	14.49	2.88	70.67	999.00	316.70	13.66	3.31	71.12	313.30	7.19	9.97	70.90	999.00	-0.93	999.00	-0.36	0.00
21	7	4	8	322.20	12.21	4.78	70.65	999.00	319.00	11.46	5.67	71.19	316.10	6.99	10.49	72.35	999.00	-1.96	999.00	-1.47	0.00
21	7	4	9	314.90	11.80	5.64	70.89	999.00	311.90	11.12	5.89	71.44	316.20	8.28	10.75	73.40	999.00	-2.70	999.00	-2.12	0.00
21	7	4	10	332.10	6.47	11.23	71.70	999.00	324.20	6.48	11.11	72.22	321.10	5.19	19.58	74.65	999.00	-3.11	999.00	-2.60	0.00
21	7	4	11	327.40	4.98	17.28	73.63	999.00	326.20	4.90	19.40	73.97	341.00	3.92	24.58	75.80	999.00	-1.99	999.00	-1.62	0.00
21	7	4	12	23.21	2.28	39.91	76.70	999.00	6.27	1.74	29.38	76.89	8.48	2.67	18.73	77.57	999.00	-0.54	999.00	-0.39	0.00
21	7	4	13	88.20	3.92	17.61	76.89	999.00	85.30	4.22	13.23	77.46	79.40	4.22	18.61	78.57	999.00	-2.17	999.00	-1.64	0.00
21	7	4	14	77.00	3.58	31.72	76.92	999.00	82.00	4.10	25.35	77.62	78.00	3.46	33.17	79.35	999.00	-2.62	999.00	-1.90	0.00
21	7	4	15	80.40	6.52	9.93	78.59	999.00	78.90	6.76	10.51	79.05	88.10	4.98	20.52	80.70	999.00	-2.80	999.00	-2.15	0.00
21	7	4	16	96.90	7.53	5.13	78.36	999.00	86.60	7.67	6.49	78.69	81.80	5.95	14.03	80.45	999.00	-2.03	999.00	-1.63	0.00
21	7	4	17	99.90	9.28	5.78	78.93	999.00	86.00	8.57	7.20	79.24	87.80	5.37	19.27	81.05	999.00	-1.97	999.00	-1.97	0.00
21	7	4	18	113.00	9.14	3.00	80.34	999.00	100.20	9.13	4.46	80.33	88.80	4.45	15.46	81.82	999.00	-0.86	999.00	-1.18	0.00
21	7	4	19	141.30	7.53	12.12	82.58	999.00	120.50	8.10	10.15	81.73	99.20	4.12	15.32	82.08	999.00	1.02	999.00	0.23	0.00
21	7	4	20	183.30	9.32	5.48	83.81	999.00	179.40	8.08	6.61	84.31	184.80	2.62	19.54	83.40	999.00	-0.77	999.00	-0.17	0.00
21	7	4	21	189.60	11.16	1.45	83.35	999.00	180.90	10.27	2.04	83.83	177.00	3.00	13.74	83.68	999.00	0.08	999.00	0.31	0.00
21	7	4	22	198.10	12.18	2.44	82.64	999.00	188.30	10.23	3.23	82.72	167.60	2.63	10.47	81.57	999.00	1.41	999.00	1.39	0.00
21	7	4	23	200.80	12.86	3.31	81.75	999.00	190.50	11.08	3.84	81.55	189.10	2.97	12.35	79.72	999.00	1.94	999.00	1.61	0.00
21	7	4	24	207.50	13.98	2.60	79.86	999.00	197.20	11.41	2.19	79.34	211.20	4.20	11.28	78.13	999.00	1.48	999.00	0.93	0.00
21	7	5	1	255.10	13.70	5.08	79.27	999.00	239.70	10.96	5.15	78.90	201.60	3.36	12.74	77.08	999.00	2.16	999.00	1.76	0.00
21	7	5	2	282.90	13.40	3.14	79.35	999.00	272.80	10.55	4.36	78.69	215.40	3.81	14.02	76.02	999.00	3.05	999.00	2.81	0.00
21	7	5	3	250.00	10.38	3.26	999.00	999.00	230.60	9.81	3.80	999.00	195.70	3.84	11.76	74.73	999.00	3.40	999.00	2.64	0.00
21	7	5	4	246.30	11.65	3.09	77.28	999.00	230.90	11.53	3.49	76.04	189.90	4.21	9.42	73.53	999.00	4.24	999.00	2.93	0.00
21	7	5	5	235.00	14.88	2.93	76.36	999.00	221.20	12.85	2.15	74.78	200.90	4.27	11.13	72.63	999.00	2.97	999.00	1.62	0.00
21	7	5	6	248.80	16.98	2.08	74.62	999.00	235.40	14.09	3.04	73.51	209.50	5.18	10.48	71.88	999.00	2.63	999.00	1.70	0.00
21	7	5	7	247.80	16.64	2.58	73.84	999.00	233.70	13.93	3.78	72.73	215.50	5.38	12.12	71.43	999.00	2.20	999.00	0.98	0.00
21	7	5	8	244.70	14.50	3.76	72.44	999.00	234.40	11.70	4.45	71.95	218.60	6.64	9.46	71.80	999.00	0.17	999.00	-0.20	0.00
21	7	5	9	227.20	11.84	4.33	72.11	999.00	222.60	10.86	4.70	72.25	221.90	8.00	10.44	73.40	999.00	-1.90	999.00	-1.53	0.00
21	7	5	10	231.70	10.84	4.66	73.68	999.00	227.80	10.25	5.01	74.13	232.00	7.87	10.45	75.80	999.00	-2.21	999.00	-1.80	0.00
21	7	5	11	229.40	9.56	7.15	76.38	999.00	226.30	9.19	6.45	76.82	222.80	7.87	9.87	78.90	999.00	-2.48	999.00	-2.05	0.00
21	7	5	12	240.40	10.58	7.05	76.38	999.00	236.30	10.22	7.49	76.82	235.60	8.58	13.24	78.90	999.00	-2.40	999.00	-1.96	0.00
21	7	5	13	218.10	12.93	6.69	81.03	999.00	215.80	12.33	6.51	81.52	220.30	9.82	13.03	83.65	999.00	-2.79	999.00	-2.31	0.00
21	7	5	14	225.10	14.22	11.40	82.89	999.00	223.00	13.27	11.60	83.29	225.50	9.85	11.98	85.50	999.00	-2.62	999.00	-2.23	0.00
21	7	5	15	226.50	20.00	6.84	84.12	999.00	224.70	19.15	6.89	84.53	227.00	13.81	13.65	86.70	999.00	-2.38	999.00	-1.97	0.00
21	7	5	16	220.20	21.05	6.87	84.12	999.00	217.70	20.03	7.87	84.53	219.90	13.21	13.46	86.70	999.00	-2.38	999.00	-2.02	0.00
21	7	5	17	226.70	21.67	5.43	86.22	999.00	225.10	20.43	5.97	86.60	227.50	13.65	11.51	88.35	999.00	-2.04	999.00	-1.68	0.00
21	7	5	18	234.40	22.03	6.21	86.95	999.00	232.80	20.58	6.31	87.36	237.60	13.68	10.78	88.68	999.00	-1.63	999.00	-1.18	0.00
21	7	5	19	231.10	20.95	4.55	86.91	999.00	229.90	19.46	5.15	87.36	231.60	13.58	9.84	88.48	999.00	-1.47	999.00	-1.08	0.00
21	7	5	20	242.90	18.81	4.99	86.44	999.00	240.90	16.68	6.36	86.82	240.20	10.42	11.49	87.65	999.00	-0.97	999.00	-0.60	0.00
21	7	5	21	231.90	18.46	3.96	85.43	999.00	229.50	16.25	4.36	85.83	229.10	9.31	10.02	86.10	999.00	-0.42	999.00	-0.06	0.00
21	7	5	22	229.20	17.54	2.63	83.64	999.00	226.30	14.77	2.99	83.84	222.60	6.60	9.82	83.35	999.00	0.67	999.00	0.78	0.00

21	7	5	23	230.20	20.70	2.50	82.11	999.00	227.00	17.72	3.06	82.20	224.40	9.28	9.44	81.55	999.00	0.57	999.00	0.60	0.00
21	7	5	24	231.60	19.84	2.70	81.00	999.00	229.80	16.89	3.69	81.01	231.90	9.69	9.95	80.53	999.00	0.14	999.00	0.27	0.00
21	7	6	1	227.80	18.75	3.37	79.31	999.00	224.00	15.25	4.61	79.40	216.60	7.45	11.69	79.05	999.00	0.20	999.00	0.27	0.00
21	7	6	2	230.60	21.08	2.86	78.16	999.00	227.20	17.68	3.26	78.15	222.10	9.24	9.22	77.50	999.00	0.41	999.00	0.38	0.00
21	7	6	3	244.80	19.30	4.05	77.07	999.00	241.80	15.64	5.63	77.16	242.10	7.66	9.32	77.05	999.00	0.01	999.00	0.16	0.00
21	7	6	4	238.00	21.22	5.04	77.07	999.00	233.90	18.00	5.77	77.16	226.60	10.28	9.61	77.05	999.00	-0.14	999.00	0.03	0.00
21	7	6	5	241.00	18.72	5.37	75.57	999.00	236.50	15.84	6.24	75.89	237.20	9.30	10.59	76.30	999.00	-0.81	999.00	-0.44	0.00
21	7	6	6	249.70	19.91	4.28	74.45	999.00	246.50	16.62	5.25	74.61	243.20	8.43	10.38	74.82	999.00	-0.16	999.00	-0.04	0.00
21	7	6	7	232.40	17.62	3.32	73.89	999.00	225.60	15.02	4.27	74.01	214.20	8.01	11.27	74.40	999.00	-0.52	999.00	-0.39	0.00
21	7	6	8	230.30	16.12	5.45	72.91	999.00	224.00	14.02	5.68	73.13	218.50	8.32	10.80	73.77	999.00	-1.14	999.00	-0.85	0.00
21	7	6	9	233.60	13.84	6.02	72.98	999.00	227.40	13.21	5.66	73.34	222.40	9.51	10.71	74.65	999.00	-1.70	999.00	-1.36	0.00
21	7	6	10	236.10	14.71	6.39	74.96	999.00	233.80	13.34	6.15	75.41	232.50	9.36	11.68	76.92	999.00	-2.27	999.00	-1.85	0.00
21	7	6	11	241.80	17.07	8.12	78.33	999.00	238.40	16.17	7.82	78.81	237.30	11.46	11.19	80.63	999.00	-2.28	999.00	-1.82	0.00
21	7	6	12	246.90	17.77	7.49	81.04	999.00	243.40	16.68	7.35	81.49	240.70	11.54	12.57	83.47	999.00	-2.46	999.00	-2.00	0.00
21	7	6	13	248.40	15.76	10.50	83.03	999.00	245.00	14.89	11.86	83.49	243.40	11.50	17.08	85.60	999.00	-2.62	999.00	-2.18	0.00
21	7	6	14	244.20	15.17	12.14	84.34	999.00	239.60	14.45	12.86	84.76	232.70	10.86	16.12	86.90	999.00	-2.60	999.00	-2.22	0.00
21	7	6	15	232.10	16.94	7.89	85.05	999.00	229.50	16.38	7.55	85.47	231.00	12.00	13.86	87.50	999.00	-2.59	999.00	-2.18	0.00
21	7	6	16	234.00	17.24	7.84	85.85	999.00	233.30	16.37	8.76	86.23	233.80	11.97	14.19	88.17	999.00	-2.32	999.00	-1.94	0.00
21	7	6	17	226.00	17.73	8.64	86.41	999.00	223.40	16.79	8.84	86.81	225.00	12.41	12.73	88.60	999.00	-2.16	999.00	-1.79	0.00
21	7	6	18	228.40	17.94	6.38	86.73	999.00	226.90	17.01	6.59	87.17	231.40	11.70	11.09	88.65	999.00	-1.85	999.00	-1.40	0.00
21	7	6	19	230.60	17.18	5.71	999.00	999.00	228.50	16.17	5.71	999.00	232.90	10.91	10.49	88.23	999.00	-1.38	999.00	-0.96	0.00
21	7	6	20	243.70	16.47	4.15	86.47	999.00	242.00	14.43	5.67	86.82	244.00	9.04	10.54	87.43	999.00	-0.69	999.00	-0.40	0.00
21	7	6	21	231.50	12.72	4.29	85.34	999.00	228.40	11.17	4.64	85.72	228.00	6.10	11.50	85.97	999.00	-0.47	999.00	-0.09	0.00
21	7	6	22	236.60	15.69	4.20	83.33	999.00	233.90	12.82	4.49	83.56	231.90	6.01	9.54	83.18	999.00	0.45	999.00	0.61	0.00
21	7	6	23	240.30	18.57	4.12	82.05	999.00	236.50	15.02	5.38	82.12	231.90	7.87	9.87	81.60	999.00	0.34	999.00	0.40	0.00
21	7	6	24	244.10	15.13	3.37	80.65	999.00	237.20	11.20	4.85	80.38	211.00	4.19	11.36	79.38	999.00	1.41	999.00	1.13	0.00
21	7	7	1	247.10	14.89	2.17	79.04	999.00	238.70	11.09	3.17	78.63	188.90	4.19	9.76	76.95	999.00	2.34	999.00	2.07	0.00
21	7	7	2	243.30	15.05	1.82	78.26	999.00	229.80	11.61	2.25	77.57	201.50	3.52	10.47	75.80	999.00	2.33	999.00	1.68	0.00
21	7	7	3	231.30	17.49	3.58	77.46	999.00	220.50	14.60	3.39	76.74	197.00	5.25	11.31	74.55	999.00	2.79	999.00	2.12	0.00
21	7	7	4	232.70	19.16	2.37	77.16	999.00	224.50	14.68	2.35	75.90	205.30	6.03	11.05	74.20	999.00	2.81	999.00	1.63	0.00
21	7	7	5	242.30	19.16	2.17	76.93	999.00	233.30	13.58	4.90	75.47	217.10	5.91	8.52	73.88	999.00	2.38	999.00	1.15	0.00
21	7	7	6	244.10	16.60	2.98	75.65	999.00	231.30	12.87	4.09	74.60	200.80	4.26	11.86	73.43	999.00	2.25	999.00	1.35	0.00
21	7	7	7	245.10	15.76	2.81	74.25	999.00	233.80	11.99	4.32	73.58	212.00	4.11	11.27	72.45	999.00	1.75	999.00	1.03	0.00
21	7	7	8	239.10	14.01	4.47	73.56	999.00	227.10	10.79	5.22	72.93	210.60	5.10	12.07	72.95	999.00	-0.24	999.00	-0.71	0.00
21	7	7	9	233.00	10.73	6.51	73.56	999.00	227.90	10.11	6.69	72.93	225.60	7.39	11.25	72.95	999.00	-2.10	999.00	-1.68	0.00
21	7	7	10	236.90	10.05	6.53	76.07	999.00	231.70	9.56	6.95	76.48	226.40	7.51	11.17	78.32	999.00	-2.32	999.00	-1.90	0.00
21	7	7	11	243.90	10.21	11.82	78.84	999.00	236.20	9.59	9.18	79.31	240.70	7.40	17.22	81.23	999.00	-2.53	999.00	-2.07	0.00
21	7	7	12	249.00	11.99	13.46	78.84	999.00	246.30	11.70	12.96	79.31	252.70	9.23	17.50	81.23	999.00	-2.56	999.00	-2.09	0.00
21	7	7	13	256.60	12.45	8.43	82.38	999.00	255.90	11.80	9.47	82.84	256.90	8.73	14.87	84.88	999.00	-2.51	999.00	-2.04	0.00
21	7	7	14	272.90	4.79	81.40	83.61	999.00	310.90	3.86	86.30	84.09	349.40	4.37	60.49	86.02	999.00	-1.99	999.00	-1.37	0.00
21	7	7	15	29.46	5.14	26.42	82.66	999.00	28.78	5.42	20.62	83.12	32.27	5.78	26.83	84.32	999.00	-1.07	999.00	-0.86	0.00
21	7	7	16	126.90	4.13	35.02	82.07	999.00	101.60	5.08	17.89	82.23	111.80	3.17	31.61	83.53	999.00	-0.45	999.00	-0.64	0.00
21	7	7	17	286.90	8.36	15.31	70.86	999.00	287.10	6.40	21.50	71.15	257.10	3.01	39.92	72.31	999.00	-1.32	999.00	-1.08	0.01
21	7	7	18	156.00	3.50	76.10	66.78	999.00	103.10	4.21	44.32	67.98	75.80	4.81	23.54	68.45	999.00	-1.77	999.00	0.23	0.00
21	7	7	19	151.20	4.03	30.08	66.78	999.00	146.10	3.49	38.07	67.98	131.10	2.59	55.05	68.45	999.00	-2.47	999.00	-2.05	0.00
21	7	7	20	180.70	3.86	11.68	68.99	999.00	177.90	3.33	12.07	69.51	200.60	2.07	20.34	71.13	999.00	-1.81	999.00	-1.13	0.00

21	7	7	21	192.60	3.77	20.38	69.10	999.00	161.70	3.21	16.55	69.81	127.60	1.01	17.94	70.70	999.00	-0.97	999.00	-0.37	0.00
21	7	7	22	152.80	3.53	14.18	69.20	999.00	133.80	4.29	6.10	70.18	122.10	3.53	10.52	70.20	999.00	-1.12	999.00	-0.29	0.00
21	7	7	23	112.00	14.00	2.75	69.91	999.00	110.50	12.45	4.43	70.71	121.30	4.56	14.54	70.30	999.00	-0.14	999.00	0.42	0.00
21	7	7	24	151.30	10.89	4.86	69.88	999.00	150.50	8.62	7.02	70.67	180.20	2.45	24.54	70.43	999.00	-0.59	999.00	0.54	0.00
21	7	8	1	170.30	13.46	6.72	68.88	999.00	165.10	11.23	7.98	69.89	179.50	3.71	28.16	69.88	999.00	-0.97	999.00	0.07	0.00
21	7	8	2	193.90	11.45	4.13	69.86	999.00	191.00	9.85	4.31	70.02	192.40	3.70	12.73	69.45	999.00	0.22	999.00	0.54	0.00
21	7	8	3	184.70	10.90	5.55	69.26	999.00	179.30	9.34	5.91	69.53	182.00	3.39	20.80	69.40	999.00	-0.25	999.00	0.02	0.00
21	7	8	4	181.50	14.89	3.04	68.59	999.00	176.40	12.89	3.80	68.77	183.20	5.19	15.63	68.94	999.00	-0.62	999.00	-0.41	0.00
21	7	8	5	194.40	16.40	3.01	68.21	999.00	190.90	13.74	3.91	68.43	195.10	5.93	14.78	68.76	999.00	-0.46	999.00	-0.22	0.00
21	7	8	6	200.80	17.23	4.00	68.71	999.00	196.10	14.03	5.21	68.85	199.90	5.52	16.81	68.99	999.00	-0.32	999.00	-0.21	0.00
21	7	8	7	195.80	14.95	4.27	68.67	999.00	192.10	12.61	5.37	68.90	199.40	5.28	14.81	69.33	999.00	-0.74	999.00	-0.49	0.00
21	7	8	8	205.30	14.21	4.20	68.82	999.00	201.10	12.45	5.27	69.09	205.20	6.23	14.51	70.10	999.00	-1.92	999.00	-1.59	0.00
21	7	8	9	215.00	12.77	6.17	69.35	999.00	211.70	11.12	7.85	69.83	214.50	7.97	12.01	71.55	999.00	-2.41	999.00	-1.90	0.00
21	7	8	10	230.30	13.56	6.36	70.51	999.00	226.60	12.93	7.35	71.04	228.00	9.00	13.36	72.98	999.00	-2.34	999.00	-1.82	0.00
21	7	8	11	229.80	10.75	6.39	71.05	999.00	227.90	10.41	7.02	71.56	229.80	8.09	12.32	73.40	999.00	-2.08	999.00	-1.58	0.00
21	7	8	12	246.90	13.92	7.73	71.76	999.00	245.10	12.76	9.09	72.24	249.00	8.99	14.73	73.30	999.00	-2.15	999.00	-1.65	0.00
21	7	8	13	242.20	11.73	6.79	71.82	999.00	238.10	10.75	7.59	72.33	235.50	8.60	11.10	74.02	999.00	-2.23	999.00	-1.74	0.00
21	7	8	14	241.50	11.41	12.38	73.23	999.00	236.80	11.45	12.15	73.70	239.20	8.42	16.60	75.98	999.00	-3.03	999.00	-2.56	0.00
21	7	8	15	231.80	10.32	13.78	75.48	999.00	230.20	9.65	14.09	75.93	231.00	7.95	21.19	78.13	999.00	-2.74	999.00	-2.19	0.00
21	7	8	16	238.40	9.00	12.78	76.83	999.00	236.10	8.20	13.16	77.31	235.10	5.92	15.39	78.82	999.00	-1.80	999.00	-1.32	0.00
21	7	8	17	208.70	12.32	12.28	76.74	999.00	206.30	11.53	13.15	77.12	215.40	8.27	18.70	79.17	999.00	-2.36	999.00	-1.85	0.00
21	7	8	18	221.20	12.64	7.03	77.17	999.00	217.90	11.59	6.46	77.67	222.60	8.88	12.32	79.47	999.00	-2.55	999.00	-1.98	0.00
21	7	8	19	344.60	10.08	11.13	78.12	999.00	351.70	8.78	12.35	78.53	3.91	7.54	15.50	80.05	999.00	-1.44	999.00	-1.16	0.00
21	7	8	20	325.10	9.87	11.64	75.98	999.00	328.40	9.53	13.03	76.40	348.70	6.66	16.56	77.30	999.00	-1.26	999.00	-0.79	0.00
21	7	8	21	293.50	15.53	4.18	76.51	999.00	289.90	13.58	5.60	76.95	285.90	6.43	11.00	77.50	999.00	-0.63	999.00	-0.23	0.00
21	7	8	22	307.30	15.14	3.72	76.51	999.00	304.30	14.33	5.01	76.95	300.20	7.34	12.50	77.50	999.00	-0.69	999.00	-0.20	0.00
21	7	8	23	324.80	11.25	7.40	74.42	999.00	322.70	10.53	8.52	74.94	319.60	6.09	14.06	75.68	999.00	-1.50	999.00	-0.97	0.00
21	7	8	24	15.66	15.64	5.46	72.40	999.00	14.10	12.32	6.76	72.93	14.19	12.33	9.26	74.17	999.00	-1.88	999.00	-1.33	0.00
21	7	9	1	24.07	13.66	8.69	69.79	999.00	21.91	11.26	8.30	70.34	23.54	11.57	10.55	71.65	999.00	-1.82	999.00	-1.26	0.00
21	7	9	2	20.55	13.05	8.48	68.87	999.00	17.84	10.70	9.66	69.43	19.85	10.47	12.12	70.70	999.00	-1.86	999.00	-1.30	0.00
21	7	9	3	16.11	13.98	5.43	67.84	999.00	14.02	11.47	6.64	68.39	14.63	11.31	10.10	69.70	999.00	-1.92	999.00	-1.38	0.00
21	7	9	4	0.96	12.32	8.76	66.55	999.00	359.60	11.37	8.48	67.09	5.36	10.58	10.71	68.42	999.00	-1.89	999.00	-1.38	0.00
21	7	9	5	354.10	11.69	7.08	64.89	999.00	352.10	10.68	7.72	65.44	354.80	9.37	10.94	66.84	999.00	-1.97	999.00	-1.41	0.00
21	7	9	6	358.00	11.00	8.18	64.36	999.00	356.90	10.17	8.91	64.92	0.94	9.55	10.90	66.27	999.00	-1.87	999.00	-1.33	0.00
21	7	9	7	351.60	12.94	6.70	64.25	999.00	349.80	11.91	6.46	64.80	347.60	10.92	9.43	66.17	999.00	-1.96	999.00	-1.40	0.00
21	7	9	8	353.00	11.47	5.44	63.72	999.00	350.60	10.75	6.58	64.24	352.50	9.77	11.17	65.63	999.00	-1.91	999.00	-1.42	0.00
21	7	9	9	346.80	12.98	7.32	63.53	999.00	344.90	12.07	8.61	64.02	347.10	10.17	10.99	65.49	999.00	-2.02	999.00	-1.50	0.00
21	7	9	10	329.80	14.13	7.47	63.16	999.00	328.20	13.86	8.45	63.70	334.70	10.90	13.03	65.23	999.00	-2.16	999.00	-1.60	0.00
21	7	9	11	342.30	11.84	7.06	62.98	999.00	341.90	11.43	6.29	63.52	349.80	9.81	10.33	65.12	999.00	-1.95	999.00	-1.49	0.00
21	7	9	12	333.80	10.13	13.87	63.67	999.00	333.90	9.88	14.35	64.13	339.40	7.99	18.66	65.84	999.00	-2.26	999.00	-1.79	0.00
21	7	9	13	351.50	8.25	12.02	64.55	999.00	349.80	8.12	10.80	65.01	359.00	7.42	12.38	66.63	999.00	-1.72	999.00	-1.46	0.00
21	7	9	14	317.70	8.12	15.10	65.57	999.00	314.90	8.54	14.17	66.04	313.40	7.02	15.70	68.17	999.00	-3.56	999.00	-2.96	0.00
21	7	9	15	346.30	4.99	22.51	66.68	999.00	344.20	4.78	20.89	67.32	352.30	4.45	29.59	69.17	999.00	-2.56	999.00	-1.74	0.00
21	7	9	16	322.20	7.90	11.41	68.18	999.00	318.90	7.75	12.40	68.74	326.90	6.15	17.19	70.59	999.00	-2.95	999.00	-2.28	0.00
21	7	9	17	296.90	8.23	12.43	69.19	999.00	295.10	8.47	13.20	69.82	300.60	6.58	20.78	72.18	999.00	-3.16	999.00	-2.61	0.00
21	7	9	18	288.10	9.84	11.65	70.03	999.00	287.20	9.67	10.18	70.59	288.50	7.20	18.15	73.40	999.00	-3.30	999.00	-2.71	0.00

21	7	9	19	277.30	8.39	8.68	70.90	999.00	275.90	8.22	12.01	71.53	265.50	6.11	14.39	73.95	999.00	-2.52	999.00	-1.96	0.00
21	7	9	20	257.10	8.51	5.87	70.83	999.00	252.60	7.91	6.61	71.35	251.80	4.93	10.86	72.85	999.00	-1.38	999.00	-0.91	0.00
21	7	9	21	239.90	9.03	3.49	999.00	999.00	236.40	8.41	4.39	999.00	242.60	5.52	10.12	71.90	999.00	-1.18	999.00	-0.67	0.00
21	7	9	22	266.90	12.86	6.84	999.00	999.00	257.80	11.06	7.44	999.00	244.10	6.12	9.54	71.40	999.00	-0.77	999.00	-0.48	0.00
21	7	9	23	26.04	10.97	11.02	70.90	999.00	22.61	9.70	11.32	71.27	15.52	9.94	12.33	71.60	999.00	-1.65	999.00	-1.10	0.00
21	7	9	24	52.04	14.81	6.03	69.93	999.00	49.70	14.24	6.29	70.47	56.34	9.57	11.91	71.50	999.00	-1.35	999.00	-0.83	0.00
21	7	10	1	59.41	11.54	5.46	69.68	999.00	56.78	11.04	5.88	70.17	62.65	6.87	11.49	70.77	999.00	-1.00	999.00	-0.52	0.00
21	7	10	2	69.44	9.76	4.40	70.06	999.00	65.18	9.45	4.81	70.55	70.10	4.59	9.91	70.38	999.00	-0.09	999.00	0.39	0.00
21	7	10	3	47.41	13.17	4.43	69.78	999.00	44.82	12.71	4.46	70.28	55.61	7.46	9.97	70.09	999.00	-0.68	999.00	-0.16	0.00
21	7	10	4	77.10	9.08	4.02	68.65	999.00	74.30	8.65	4.47	69.11	85.90	3.48	12.67	69.15	999.00	-0.24	999.00	0.22	0.00
21	7	10	5	84.70	9.72	5.47	68.13	999.00	82.50	8.73	9.55	68.58	118.90	2.82	32.22	68.11	999.00	0.42	999.00	0.75	0.00
21	7	10	6	153.30	14.03	1.81	64.70	999.00	154.20	12.53	1.68	64.46	183.90	2.66	24.53	63.62	999.00	1.49	999.00	1.15	0.00
21	7	10	7	156.50	11.73	1.68	65.23	999.00	162.00	9.30	0.99	64.36	168.60	1.90	37.72	63.05	999.00	2.91	999.00	1.69	0.00
21	7	10	8	171.40	8.82	3.42	65.64	999.00	176.00	8.01	5.66	64.85	182.50	3.56	17.23	64.28	999.00	0.42	999.00	-0.01	0.00
21	7	10	9	138.70	3.53	21.74	65.42	999.00	145.00	3.04	19.60	66.36	162.70	2.51	32.84	66.71	999.00	-2.32	999.00	-0.56	0.00
21	7	10	10	112.30	4.96	26.53	67.11	999.00	116.10	4.65	29.96	68.13	128.10	3.38	33.42	69.52	999.00	-2.50	999.00	-1.37	0.00
21	7	10	11	94.30	8.49	11.15	67.89	999.00	90.00	8.02	13.45	68.62	103.30	6.01	21.41	70.50	999.00	-2.74	999.00	-2.03	0.00
21	7	10	12	80.80	9.99	12.29	68.23	999.00	80.00	9.53	12.39	68.97	87.80	6.35	20.63	71.13	999.00	-2.66	999.00	-1.95	0.00
21	7	10	13	73.60	12.21	8.24	68.00	999.00	69.49	12.05	9.63	68.86	73.60	8.77	16.15	71.05	999.00	-3.15	999.00	-2.26	0.00
21	7	10	14	60.33	13.56	7.79	68.37	999.00	56.15	13.34	8.85	69.24	62.78	9.62	17.24	71.57	999.00	-3.06	999.00	-2.25	0.00
21	7	10	15	70.30	16.17	5.15	68.44	999.00	67.47	15.74	5.43	69.23	70.20	10.47	14.71	71.72	999.00	-3.47	999.00	-2.63	0.00
21	7	10	16	68.11	15.59	7.27	68.77	999.00	64.75	14.88	7.75	69.58	67.19	10.40	14.32	71.88	999.00	-2.86	999.00	-2.06	0.00
21	7	10	17	69.46	15.20	6.69	999.00	999.00	66.47	14.58	8.93	999.00	66.95	10.45	15.62	71.87	999.00	-2.82	999.00	-2.01	0.00
21	7	10	18	66.39	16.24	7.74	69.22	999.00	62.40	15.15	8.47	69.98	65.56	10.99	13.79	71.92	999.00	-2.42	999.00	-1.68	0.00
21	7	10	19	71.00	14.22	7.85	69.68	999.00	68.11	13.21	9.81	70.49	68.52	8.48	15.84	72.40	999.00	-2.79	999.00	-2.05	0.00
21	7	10	20	82.10	13.20	5.30	69.97	999.00	78.70	12.23	7.53	70.59	82.80	6.44	16.38	72.18	999.00	-1.71	999.00	-1.09	0.00
21	7	10	21	82.00	13.13	6.03	69.93	999.00	76.70	12.04	6.25	70.45	85.50	5.26	16.58	70.95	999.00	-0.82	999.00	-0.36	0.00
21	7	10	22	82.70	14.14	5.39	69.56	999.00	79.10	13.33	6.26	70.06	85.80	5.54	16.55	70.30	999.00	-0.70	999.00	-0.21	0.00
21	7	10	23	88.40	18.09	4.42	69.49	999.00	84.80	17.00	5.18	69.99	91.40	7.51	17.57	70.40	999.00	-0.99	999.00	-0.49	0.00
21	7	10	24	94.80	15.51	6.11	69.46	999.00	91.20	14.22	7.96	69.95	95.40	6.36	16.86	70.47	999.00	-1.04	999.00	-0.56	0.00
21	7	11	1	88.10	16.39	5.83	69.41	999.00	84.00	15.48	6.77	69.92	92.10	6.61	17.29	70.55	999.00	-1.20	999.00	-0.69	0.00
21	7	11	2	86.90	16.44	5.88	69.33	999.00	83.20	15.08	6.08	69.84	85.20	6.94	17.00	70.60	999.00	-1.26	999.00	-0.76	0.00
21	7	11	3	89.30	15.17	6.09	999.00	999.00	85.90	14.17	7.31	999.00	89.20	6.45	18.17	71.03	999.00	-1.15	999.00	-0.68	0.00
21	7	11	4	101.10	14.14	4.80	69.91	999.00	98.70	13.66	5.28	70.43	101.10	6.05	15.34	70.60	999.00	-0.58	999.00	-0.05	0.00
21	7	11	5	81.00	16.82	4.57	68.38	999.00	77.20	15.76	5.03	68.67	83.50	6.65	15.18	67.01	999.00	2.79	999.00	2.97	0.00
21	7	11	6	85.70	21.26	4.16	67.88	999.00	82.70	20.01	5.66	68.12	88.80	9.05	15.73	65.35	999.00	2.54	999.00	2.94	0.00
21	7	11	7	85.90	20.26	5.10	67.52	999.00	82.40	18.90	5.97	67.74	89.90	7.95	16.78	65.06	999.00	2.01	999.00	2.08	0.00
21	7	11	8	75.30	23.74	4.34	65.41	999.00	71.70	22.85	5.40	65.35	77.10	11.29	15.64	65.01	999.00	-0.01	999.00	-0.20	0.00
21	7	11	9	73.00	25.99	5.43	64.24	999.00	69.36	24.48	6.17	64.23	72.10	13.34	15.87	64.65	999.00	-0.57	999.00	-0.41	0.00
21	7	11	10	76.90	28.48	5.83	63.80	999.00	74.00	26.13	7.37	63.99	83.90	12.26	20.11	64.67	999.00	-0.87	999.00	-0.62	0.00
21	7	11	11	67.55	27.85	5.15	64.12	999.00	63.48	26.56	5.70	64.25	66.74	14.92	13.12	64.93	999.00	-0.59	999.00	-0.87	0.00
21	7	11	12	77.40	29.39	5.38	66.58	999.00	74.00	27.40	6.07	65.90	79.10	13.93	15.76	66.87	999.00	-0.88	999.00	-0.60	0.00
21	7	11	13	79.70	28.40	4.51	66.58	999.00	75.00	26.97	5.45	65.90	76.50	14.07	14.90	66.87	999.00	-0.31	999.00	0.22	0.00
21	7	11	14	78.50	23.28	5.00	66.86	999.00	74.50	21.74	6.38	67.14	77.40	10.47	15.54	68.20	999.00	-1.11	999.00	-0.98	0.00
21	7	11	15	68.98	26.77	4.20	65.76	999.00	64.81	25.06	5.19	66.06	65.78	14.04	14.02	67.14	999.00	-1.34	999.00	-1.03	0.00
21	7	11	16	67.40	24.32	5.44	66.16	999.00	64.03	22.51	6.76	66.56	64.18	12.81	14.52	67.78	999.00	-1.66	999.00	-1.24	0.00

21	7	11	17	65.09	25.61	3.67	66.09	999.00	60.82	24.35	4.84	66.50	60.33	14.89	11.34	67.81	999.00	-1.73	999.00	-1.36	0.00
21	7	11	18	69.50	22.97	8.80	66.49	999.00	67.27	21.53	10.77	66.87	76.30	12.47	24.68	68.14	999.00	-1.47	999.00	-1.19	0.00
21	7	11	19	69.63	20.50	4.62	67.08	999.00	66.38	19.30	5.84	67.34	65.71	11.47	13.89	68.40	999.00	-1.21	999.00	-1.07	0.00
21	7	11	20	67.76	21.94	3.67	67.79	999.00	65.48	20.98	4.33	67.87	65.65	12.33	12.82	69.17	999.00	-1.50	999.00	-1.36	0.00
21	7	11	21	68.02	22.33	3.89	68.49	999.00	65.46	21.45	5.14	68.45	69.66	10.98	14.79	69.98	999.00	-1.12	999.00	-1.41	0.00
21	7	11	22	67.85	22.49	3.72	69.23	999.00	64.22	21.55	4.78	69.72	67.89	12.38	14.05	70.35	999.00	-1.08	999.00	-0.58	0.00
21	7	11	23	69.76	24.38	3.14	69.50	999.00	65.99	23.62	4.05	69.99	67.12	13.16	12.96	70.65	999.00	-1.15	999.00	-0.66	0.00
21	7	11	24	63.68	24.20	2.92	69.36	999.00	60.21	22.98	4.48	69.71	60.11	15.11	10.94	69.99	999.00	-0.23	999.00	-0.05	0.00
21	7	12	1	66.22	22.56	4.62	69.11	999.00	62.51	21.49	5.85	69.35	64.29	12.58	11.78	69.56	999.00	-0.57	999.00	-0.30	0.00
21	7	12	2	66.78	23.52	3.19	68.55	999.00	62.94	22.51	4.50	68.94	62.84	13.29	11.26	69.33	999.00	-0.82	999.00	-0.34	0.00
21	7	12	3	80.40	19.99	3.95	68.70	999.00	76.10	18.70	4.97	69.22	78.80	8.94	15.66	69.78	999.00	-1.12	999.00	-0.62	0.00
21	7	12	4	81.30	15.70	3.77	999.00	999.00	76.50	14.91	4.65	999.00	78.10	7.15	14.96	70.27	999.00	-1.17	999.00	-0.66	0.00
21	7	12	5	83.30	14.53	3.58	999.00	999.00	79.30	13.49	5.41	999.00	82.50	6.00	17.04	70.50	999.00	-1.24	999.00	-0.75	0.00
21	7	12	6	78.70	13.95	3.64	999.00	999.00	74.20	13.40	4.20	999.00	74.70	6.61	14.83	70.67	999.00	-1.22	999.00	-0.71	0.00
21	7	12	7	87.20	12.79	15.65	69.55	999.00	85.70	11.74	18.27	70.06	99.20	5.86	25.61	70.82	999.00	-1.26	999.00	-0.76	0.00
21	7	12	8	133.70	6.40	6.92	69.20	999.00	136.40	4.71	8.97	69.68	143.50	2.07	24.24	70.60	999.00	-1.41	999.00	-0.94	0.00
21	7	12	9	117.90	5.86	6.40	69.37	999.00	114.90	5.45	7.93	69.92	125.50	3.72	16.95	70.82	999.00	-1.45	999.00	-0.88	0.00
21	7	12	10	104.90	5.74	7.56	999.00	999.00	103.60	5.56	9.54	999.00	122.20	4.31	16.64	71.60	999.00	-1.38	999.00	-0.80	0.00
21	7	12	11	112.20	7.07	5.63	70.80	999.00	109.90	7.00	6.16	71.38	116.50	4.93	20.53	72.90	999.00	-2.29	999.00	-1.74	0.00
21	7	12	12	124.90	4.43	11.83	71.03	999.00	124.40	3.93	17.29	71.60	136.00	2.78	23.52	72.97	999.00	-2.00	999.00	-1.30	0.00
21	7	12	13	84.20	6.14	16.74	71.83	999.00	78.20	5.86	16.94	72.51	78.60	4.31	25.24	73.90	999.00	-2.19	999.00	-1.55	0.00
21	7	12	14	75.10	10.12	5.68	71.71	999.00	70.20	9.96	6.59	72.35	68.79	7.97	15.46	74.05	999.00	-2.37	999.00	-1.72	0.00
21	7	12	15	64.30	12.15	6.11	71.82	999.00	60.46	12.00	6.71	72.52	65.07	9.84	14.12	74.43	999.00	-2.75	999.00	-1.96	0.00
21	7	12	16	65.27	13.96	4.11	71.46	999.00	61.13	13.81	4.76	72.16	67.88	10.19	12.16	73.97	999.00	-2.34	999.00	-1.68	0.00
21	7	12	17	76.40	15.43	3.61	70.76	999.00	73.10	14.56	4.63	71.29	74.70	6.99	14.14	72.63	999.00	-1.62	999.00	-1.17	0.00
21	7	12	18	95.60	12.89	4.55	70.22	999.00	91.60	12.19	5.42	70.66	99.30	6.56	15.89	71.55	999.00	-1.19	999.00	-0.73	0.00
21	7	12	19	82.40	15.18	3.92	70.51	999.00	78.20	14.30	4.75	70.98	78.10	7.23	18.54	71.90	999.00	-1.52	999.00	-1.00	0.00
21	7	12	20	83.70	13.10	4.28	70.95	999.00	79.70	12.37	4.93	71.55	84.40	6.20	14.49	72.72	999.00	-1.87	999.00	-1.27	0.00
21	7	12	21	80.80	14.40	3.90	70.85	999.00	75.60	13.69	4.66	71.39	78.10	7.04	17.83	72.43	999.00	-1.47	999.00	-0.96	0.00
21	7	12	22	99.10	12.43	5.04	70.59	999.00	94.80	11.38	5.64	71.10	95.20	5.26	15.37	71.70	999.00	-0.93	999.00	-0.44	0.00
21	7	12	23	110.30	13.13	2.52	71.34	999.00	106.50	11.69	2.78	71.75	111.30	5.10	14.58	72.03	999.00	-0.40	999.00	-0.09	0.00
21	7	12	24	114.10	12.27	3.69	72.19	999.00	107.50	10.76	4.10	72.38	108.40	4.44	15.31	72.40	999.00	-0.34	999.00	-0.06	0.00
21	7	13	1	141.80	12.44	4.30	999.00	999.00	129.00	10.67	4.43	999.00	114.70	3.79	16.39	72.53	999.00	0.77	999.00	0.81	0.00
21	7	13	2	163.10	16.00	3.65	999.00	999.00	155.40	13.16	4.03	999.00	163.60	3.64	21.14	72.53	999.00	0.70	999.00	0.66	0.00
21	7	13	3	196.80	15.71	5.49	72.76	999.00	191.40	13.11	6.57	72.75	194.20	4.71	14.91	72.20	999.00	0.49	999.00	0.62	0.00
21	7	13	4	206.90	12.72	5.08	71.49	999.00	204.10	11.01	6.53	71.80	205.70	5.48	15.31	71.63	999.00	-0.51	999.00	-0.07	0.00
21	7	13	5	188.40	9.12	6.68	70.52	999.00	183.50	7.28	6.40	70.69	194.80	2.73	22.48	70.52	999.00	0.15	999.00	0.09	0.00
21	7	13	6	161.90	14.42	2.43	70.23	999.00	154.30	11.13	3.78	70.22	153.10	3.55	17.03	70.04	999.00	0.43	999.00	0.30	0.00
21	7	13	7	169.40	16.11	1.72	999.00	999.00	163.00	13.09	2.59	999.00	164.70	3.32	19.98	70.20	999.00	1.20	999.00	1.03	0.00
21	7	13	8	169.40	15.78	3.02	71.49	999.00	163.70	13.17	4.18	71.40	166.80	4.45	18.80	70.88	999.00	0.21	999.00	0.29	0.00
21	7	13	9	180.20	17.04	5.41	71.43	999.00	176.50	14.62	6.74	71.75	184.60	6.56	17.77	71.72	999.00	-0.61	999.00	-0.13	0.00
21	7	13	10	184.50	18.27	6.57	71.73	999.00	181.30	16.43	7.45	72.27	189.40	9.36	15.76	72.90	999.00	-1.13	999.00	-0.53	0.00
21	7	13	11	188.10	17.11	4.46	71.87	999.00	184.90	15.59	5.53	72.52	189.10	7.63	15.78	73.27	999.00	-1.23	999.00	-0.57	0.00
21	7	13	12	188.40	17.54	6.36	72.78	999.00	186.80	16.15	8.40	73.50	196.10	8.66	17.56	75.30	999.00	-2.82	999.00	-2.16	0.02
21	7	13	13	189.00	20.20	6.94	74.45	999.00	186.90	19.05	7.43	75.13	192.60	10.76	17.66	77.30	999.00	-2.91	999.00	-2.26	0.00
21	7	13	14	188.60	21.53	6.36	75.62	999.00	186.90	20.52	8.05	76.25	192.40	10.74	17.08	78.70	999.00	-3.00	999.00	-2.32	0.00

21	7	13	15	183.90	20.10	5.95	76.80	999.00	180.80	19.26	6.30	77.47	186.00	9.82	17.71	77.85	999.00	-1.98	999.00	-1.23	0.00
21	7	13	16	215.40	28.47	13.47	999.00	999.00	213.50	26.48	13.40	999.00	215.60	16.24	17.16	77.93	999.00	-1.75	999.00	-1.32	0.00
21	7	13	17	195.80	10.21	8.90	74.24	999.00	195.50	9.11	10.26	72.63	194.80	4.85	19.72	75.60	999.00	-0.79	999.00	-3.70	0.45
21	7	13	18	227.10	23.70	9.44	71.61	999.00	228.50	20.92	10.50	71.25	233.40	11.97	17.84	72.49	999.00	-0.98	999.00	-0.86	0.43
21	7	13	19	264.10	16.04	12.70	71.69	999.00	261.10	14.35	14.63	70.88	251.50	8.32	19.64	72.73	999.00	-0.71	999.00	-0.77	0.00
21	7	13	20	221.20	8.51	5.64	70.78	999.00	220.80	7.04	6.84	70.04	215.60	2.45	18.45	72.13	999.00	-1.96	999.00	-3.06	0.00
21	7	13	21	229.00	8.23	12.44	72.28	999.00	231.00	7.11	14.06	71.45	213.50	3.26	33.46	73.03	999.00	-0.26	999.00	-1.15	0.04
21	7	13	22	236.00	14.00	3.39	69.39	999.00	226.30	10.97	3.60	69.24	200.00	4.27	12.40	69.72	999.00	1.15	999.00	0.35	0.00
21	7	13	23	234.40	12.64	2.20	71.10	999.00	235.10	12.05	1.98	70.19	232.30	3.19	15.63	68.87	999.00	2.46	999.00	3.06	0.00
21	7	13	24	231.00	16.26	3.68	70.24	999.00	229.10	13.34	4.76	70.89	232.10	7.48	9.52	69.54	999.00	-0.32	999.00	0.23	0.00
21	7	14	1	233.50	14.67	5.18	69.22	999.00	229.00	13.27	5.44	69.86	224.90	8.21	10.14	69.95	999.00	-0.93	999.00	-0.24	0.00
21	7	14	2	232.90	12.93	4.24	68.47	999.00	228.30	11.54	4.61	69.21	222.60	7.48	10.56	69.40	999.00	-1.02	999.00	-0.29	0.00
21	7	14	3	236.80	14.37	4.42	68.47	999.00	231.50	12.40	4.73	69.21	225.90	7.54	9.56	69.40	999.00	-0.94	999.00	-0.16	0.00
21	7	14	4	227.10	13.39	3.65	67.89	999.00	222.20	11.49	4.72	68.72	217.30	6.16	11.49	68.93	999.00	-1.06	999.00	-0.25	0.00
21	7	14	5	235.40	15.51	3.58	68.33	999.00	231.00	13.17	4.34	68.72	229.60	7.63	9.83	68.96	999.00	-0.55	999.00	-0.23	0.00
21	7	14	6	237.20	13.34	3.90	68.33	999.00	231.60	11.41	4.76	68.72	224.10	7.20	9.01	68.96	999.00	-0.51	999.00	-0.20	0.00
21	7	14	7	232.30	11.69	3.18	67.49	999.00	225.60	9.18	4.53	67.69	203.80	4.34	12.42	68.03	999.00	-0.44	999.00	-0.23	0.00
21	7	14	8	230.80	13.00	4.00	67.56	999.00	223.20	11.06	5.37	67.68	217.00	6.56	12.89	68.42	999.00	-1.40	999.00	-1.18	0.00
21	7	14	9	220.40	12.06	5.92	68.46	999.00	217.50	11.18	6.52	68.91	217.50	8.06	9.32	70.85	999.00	-2.99	999.00	-2.50	0.00
21	7	14	10	224.20	11.82	5.50	70.38	999.00	222.10	11.54	5.63	70.75	226.70	9.43	10.28	74.02	999.00	-3.95	999.00	-3.73	0.00
21	7	14	11	214.20	9.71	6.21	71.66	999.00	214.60	9.50	7.08	72.04	225.70	7.68	11.95	74.55	999.00	-1.44	999.00	-1.01	0.00
21	7	14	12	228.90	11.16	5.68	71.85	999.00	227.80	10.90	5.78	72.31	231.00	8.31	11.02	73.43	999.00	-2.10	999.00	-1.66	0.00
21	7	14	13	235.50	7.86	9.22	73.15	999.00	235.80	7.24	10.48	73.65	241.60	5.54	14.39	75.05	999.00	-1.92	999.00	-1.41	0.00
21	7	14	14	231.40	11.62	7.17	74.34	999.00	230.60	10.87	7.52	74.80	233.10	8.18	10.87	76.78	999.00	-2.54	999.00	-2.07	0.00
21	7	14	15	233.60	11.14	10.17	76.07	999.00	230.20	10.86	9.02	76.50	228.50	8.25	12.85	78.70	999.00	-2.75	999.00	-2.27	0.00
21	7	14	16	234.10	9.45	10.22	78.09	999.00	232.80	8.76	10.19	78.50	233.20	6.86	14.46	80.55	999.00	-2.40	999.00	-2.02	0.00
21	7	14	17	215.80	11.17	5.85	79.06	999.00	213.80	10.87	6.41	79.48	219.70	7.63	12.75	81.13	999.00	-1.94	999.00	-1.50	0.00
21	7	14	18	219.20	13.14	11.26	79.69	999.00	218.00	12.03	12.17	80.12	224.40	8.63	14.73	81.90	999.00	-1.95	999.00	-1.50	0.00
21	7	14	19	223.50	12.18	3.50	999.00	999.00	222.10	11.39	4.00	999.00	225.50	6.95	10.18	81.70	999.00	-1.41	999.00	-1.00	0.00
21	7	14	20	217.60	11.83	2.71	79.77	999.00	214.10	10.39	3.61	80.14	211.50	4.50	11.61	80.65	999.00	-0.56	999.00	-0.24	0.00
21	7	14	21	225.60	12.10	1.39	79.15	999.00	221.90	9.70	2.02	79.28	215.60	3.04	12.55	79.07	999.00	0.69	999.00	0.67	0.00
21	7	14	22	206.00	8.79	3.46	78.46	999.00	195.00	7.65	4.88	78.55	161.10	2.11	13.33	77.10	999.00	1.83	999.00	1.89	0.00
21	7	14	23	205.90	10.17	1.57	78.05	999.00	191.50	9.77	1.96	78.03	163.30	2.68	8.56	75.93	999.00	2.59	999.00	2.31	0.00
21	7	14	24	195.70	13.79	2.01	77.60	999.00	180.10	12.83	2.69	77.03	166.20	3.40	13.25	74.38	999.00	3.24	999.00	2.15	0.00
21	7	15	1	191.30	16.79	2.01	77.12	999.00	178.60	13.83	2.78	75.51	163.90	3.64	14.36	73.53	999.00	3.58	999.00	1.68	0.00
21	7	15	2	193.30	18.17	2.51	75.47	999.00	185.60	14.24	2.53	74.20	187.20	4.66	13.27	72.85	999.00	1.75	999.00	0.89	0.00
21	7	15	3	192.60	19.03	2.82	74.02	999.00	183.60	15.21	2.82	73.14	180.80	5.21	14.18	72.30	999.00	1.79	999.00	0.86	0.00
21	7	15	4	197.10	16.90	3.21	72.82	999.00	189.20	13.22	3.80	72.27	188.10	4.54	14.48	71.70	999.00	0.76	999.00	0.28	0.00
21	7	15	5	193.00	20.40	3.32	72.37	999.00	186.00	16.35	4.50	71.83	183.10	5.59	14.33	71.35	999.00	1.04	999.00	0.56	0.00
21	7	15	6	192.10	20.07	4.08	999.00	999.00	187.20	16.57	4.72	999.00	190.20	6.31	14.09	71.07	999.00	0.20	999.00	0.12	0.00
21	7	15	7	191.30	20.96	3.40	999.00	999.00	185.30	17.69	4.44	999.00	186.90	7.19	15.14	70.83	999.00	-0.09	999.00	-0.15	0.00
21	7	15	8	197.70	20.44	4.04	999.00	999.00	193.30	17.50	5.56	999.00	194.60	7.44	15.06	70.83	999.00	-0.78	999.00	-0.56	0.00
21	7	15	9	195.90	21.07	5.69	72.19	999.00	191.70	18.92	5.86	72.52	193.30	9.69	16.95	73.40	999.00	-1.60	999.00	-1.14	0.00
21	7	15	10	195.80	20.98	5.43	73.18	999.00	192.90	18.83	5.92	73.60	194.40	8.60	16.11	74.65	999.00	-1.43	999.00	-0.99	0.00
21	7	15	11	203.70	19.12	6.74	73.18	999.00	202.30	17.37	6.89	73.60	209.70	10.54	14.53	74.65	999.00	-2.41	999.00	-1.94	0.00
21	7	15	12	211.30	21.69	6.86	77.89	999.00	208.60	20.68	8.08	78.36	212.20	13.22	14.10	80.22	999.00	-2.37	999.00	-1.90	0.00

21	7	15	13	214.30	23.24	4.60	80.01	999.00	213.10	21.56	5.51	80.44	216.70	13.90	12.29	82.13	999.00	-1.99	999.00	-1.58	0.00
21	7	15	14	217.60	22.53	8.27	81.84	999.00	215.70	21.17	8.63	82.27	220.40	13.71	11.56	84.22	999.00	-2.39	999.00	-1.96	0.00
21	7	15	15	209.50	22.08	9.02	999.00	999.00	207.80	20.44	9.35	999.00	212.10	12.80	14.85	85.00	999.00	-2.24	999.00	-1.82	0.00
21	7	15	16	204.70	26.15	6.82	83.50	999.00	202.80	24.83	8.02	83.90	205.50	14.76	15.88	85.82	999.00	-2.33	999.00	-1.95	0.00
21	7	15	17	253.80	14.78	13.11	75.56	999.00	253.80	13.15	10.74	75.89	268.90	7.82	10.44	76.22	999.00	1.23	999.00	1.69	0.01
21	7	15	18	234.40	10.99	12.57	72.14	999.00	231.40	9.15	16.78	72.16	241.10	4.22	24.15	71.25	999.00	-0.09	999.00	0.12	0.03
21	7	15	19	233.50	16.63	9.26	71.85	999.00	226.90	12.64	9.35	71.76	211.90	5.62	14.56	71.50	999.00	2.46	999.00	1.04	0.00
21	7	15	20	202.90	16.24	4.82	73.12	999.00	199.20	13.85	6.10	73.04	202.90	6.36	15.36	73.05	999.00	-0.44	999.00	-0.12	0.00
21	7	15	21	217.40	16.02	3.33	73.12	999.00	216.10	13.34	4.64	73.04	218.10	6.94	11.00	73.05	999.00	-0.50	999.00	-0.34	0.00
21	7	15	22	217.30	16.10	3.63	72.23	999.00	214.50	13.03	5.55	72.20	213.10	5.77	12.18	72.05	999.00	0.22	999.00	0.26	0.00
21	7	15	23	222.80	14.65	2.37	71.98	999.00	219.80	11.74	3.77	71.93	214.60	6.03	12.18	71.93	999.00	-0.09	999.00	-0.15	0.00
21	7	15	24	235.10	15.18	3.98	71.91	999.00	231.70	12.61	4.49	72.03	225.30	7.67	8.76	72.22	999.00	-0.73	999.00	-0.40	0.00
21	7	16	1	231.70	14.07	4.20	71.44	999.00	228.90	12.21	5.00	71.76	225.60	7.75	10.00	72.20	999.00	-0.96	999.00	-0.55	0.00
21	7	16	2	254.20	13.85	3.88	70.93	999.00	251.10	10.94	5.71	71.26	250.80	4.86	11.94	71.63	999.00	-0.39	999.00	-0.17	0.00
21	7	16	3	241.00	5.08	24.22	70.58	999.00	228.50	3.20	31.21	70.78	184.40	1.53	48.43	70.90	999.00	-0.74	999.00	-0.38	0.00
21	7	16	4	218.30	7.17	9.52	70.02	999.00	205.90	6.82	8.77	70.36	184.50	3.18	29.23	70.70	999.00	-0.45	999.00	-0.19	0.00
21	7	16	5	206.60	10.69	3.81	999.00	999.00	200.20	9.17	6.03	999.00	199.40	4.35	15.29	70.43	999.00	-0.97	999.00	-0.56	0.00
21	7	16	6	221.70	9.76	3.72	69.45	999.00	213.00	8.01	3.80	69.61	205.60	3.52	11.56	69.99	999.00	-0.40	999.00	-0.26	0.00
21	7	16	7	217.40	8.42	5.56	69.45	999.00	210.90	6.58	8.53	69.61	202.80	2.68	16.55	69.99	999.00	-1.07	999.00	-0.65	0.01
21	7	16	8	199.80	4.98	2.89	69.33	999.00	178.70	4.17	5.36	69.63	168.00	1.86	20.43	70.47	999.00	-1.13	999.00	-0.94	0.01
21	7	16	9	201.60	6.58	7.25	69.27	999.00	198.60	5.65	10.09	69.65	193.60	2.97	18.02	70.40	999.00	-1.25	999.00	-0.74	0.00
21	7	16	10	164.20	6.27	7.45	69.32	999.00	157.30	5.69	7.84	69.86	161.00	3.27	17.19	70.77	999.00	-1.60	999.00	-1.04	0.01
21	7	16	11	195.50	7.69	8.32	70.36	999.00	193.40	7.22	9.79	70.99	195.50	4.63	17.25	72.25	999.00	-2.05	999.00	-1.44	0.00
21	7	16	12	197.40	12.00	6.35	72.08	999.00	194.80	11.21	7.31	72.70	200.00	6.45	17.00	74.90	999.00	-2.96	999.00	-2.35	0.00
21	7	16	13	208.80	13.45	7.10	72.89	999.00	206.10	12.38	8.10	73.47	207.70	7.54	16.04	74.43	999.00	-1.00	999.00	-0.42	0.00
21	7	16	14	217.10	13.42	5.96	72.95	999.00	215.60	12.85	6.41	73.50	220.20	9.30	11.57	74.70	999.00	-2.18	999.00	-1.65	0.00
21	7	16	15	254.50	9.97	9.63	73.59	999.00	254.50	9.64	10.54	74.14	261.00	7.44	15.86	75.82	999.00	-2.33	999.00	-1.79	0.00
21	7	16	16	264.50	9.85	9.34	72.09	999.00	262.80	9.59	9.31	72.61	262.30	6.91	14.61	73.50	999.00	-0.88	999.00	-0.39	0.00
21	7	16	17	14.12	6.40	14.98	72.50	999.00	10.37	6.00	13.38	72.87	4.93	6.81	11.60	73.90	999.00	-1.76	999.00	-1.51	0.05
21	7	16	18	38.59	9.94	9.03	71.49	999.00	35.06	9.40	9.52	71.94	33.74	7.96	13.78	73.57	999.00	-2.13	999.00	-1.61	0.12
21	7	16	19	58.61	7.02	18.81	70.64	999.00	58.03	6.25	18.85	71.19	52.98	2.92	36.71	72.70	999.00	-2.08	999.00	-1.52	0.01
21	7	16	20	84.50	11.89	5.72	70.64	999.00	80.80	11.43	6.83	71.20	81.90	5.48	21.33	72.78	999.00	-2.00	999.00	-1.45	0.00
21	7	16	21	107.90	8.20	7.89	70.61	999.00	105.50	7.41	10.39	71.14	112.10	3.28	21.62	72.43	999.00	-1.78	999.00	-1.28	0.00
21	7	16	22	110.80	5.62	4.16	70.38	999.00	114.90	4.75	6.43	70.80	148.10	1.91	20.74	72.03	999.00	-1.48	999.00	-1.15	0.00
21	7	16	23	151.10	8.96	4.99	999.00	999.00	150.50	7.55	6.39	999.00	169.80	2.57	18.77	71.53	999.00	-1.85	999.00	-1.49	0.14
21	7	16	24	161.80	12.82	2.48	69.11	999.00	157.90	11.31	3.61	69.47	171.20	4.17	16.82	70.70	999.00	-1.34	999.00	-1.00	0.19
21	7	17	1	154.40	9.66	2.54	69.11	999.00	150.70	8.30	5.96	69.47	154.30	3.08	28.79	70.70	999.00	-1.88	999.00	-1.48	0.36
21	7	17	2	155.40	7.80	5.56	67.35	999.00	152.10	6.08	7.79	67.64	163.10	2.69	20.69	68.85	999.00	-1.46	999.00	-1.09	0.35
21	7	17	3	141.70	7.81	4.20	67.57	999.00	142.30	6.59	3.79	67.86	144.00	2.40	27.52	68.62	999.00	-1.17	999.00	-0.79	0.12
21	7	17	4	135.20	7.70	9.09	66.91	999.00	145.00	5.70	7.80	67.42	168.30	2.20	24.08	68.42	999.00	-1.15	999.00	-0.75	0.32
21	7	17	5	98.50	9.13	7.61	67.55	999.00	96.90	7.50	9.94	67.72	88.30	1.86	16.79	68.06	999.00	-0.49	999.00	-0.16	0.02
21	7	17	6	62.82	8.87	4.09	67.75	999.00	58.85	8.72	3.74	68.36	66.16	4.65	14.75	68.75	999.00	-1.23	999.00	-0.52	0.09
21	7	17	7	34.56	10.96	15.10	67.53	999.00	30.17	9.96	14.58	68.22	26.90	7.37	18.79	68.60	999.00	-1.24	999.00	-0.53	0.15
21	7	17	8	46.77	16.46	4.99	67.85	999.00	44.01	15.07	5.74	68.49	49.66	9.37	12.79	68.97	999.00	-1.09	999.00	-0.43	0.02
21	7	17	9	52.74	17.02	4.57	68.14	999.00	49.28	16.25	5.49	68.92	57.69	10.02	12.78	69.13	999.00	-0.86	999.00	-0.08	0.00
21	7	17	10	22.23	15.90	5.32	68.79	999.00	20.09	12.75	6.29	69.33	24.40	12.92	8.99	69.76	999.00	-0.95	999.00	-0.56	0.00

21	7	17	11	23.25	15.21	9.61	68.35	999.00	21.40	12.80	9.61	68.36	25.03	12.57	10.55	70.08	999.00	-1.84	999.00	-2.20	0.00
21	7	17	12	20.03	15.50	7.02	68.51	999.00	18.16	12.27	8.02	68.14	19.19	12.06	11.11	70.43	999.00	-2.16	999.00	-2.59	0.00
21	7	17	13	25.41	13.02	7.80	69.41	999.00	23.70	11.09	8.32	68.49	29.37	11.52	9.80	71.32	999.00	-1.65	999.00	-3.11	0.00
21	7	17	14	354.00	14.72	9.94	69.88	999.00	353.30	14.03	10.37	68.94	356.90	12.85	10.29	69.96	999.00	-0.01	999.00	-0.90	0.00
21	7	17	15	356.20	12.21	12.00	70.36	999.00	352.60	11.12	11.96	69.54	355.70	10.02	15.35	71.15	999.00	-0.75	999.00	-1.52	0.00
21	7	17	16	3.10	10.05	13.67	70.88	999.00	1.42	9.26	14.44	70.46	5.86	9.32	16.83	71.82	999.00	-0.85	999.00	-1.32	0.00
21	7	17	17	9.42	8.93	15.56	71.10	999.00	5.71	8.20	14.93	72.16	359.60	8.66	14.01	73.58	999.00	-2.04	999.00	-1.46	0.00
21	7	17	18	15.52	8.63	11.62	72.68	999.00	14.89	7.39	13.25	73.02	17.02	7.87	14.43	74.28	999.00	-1.52	999.00	-1.08	0.00
21	7	17	19	40.50	6.78	12.89	73.23	999.00	38.08	6.39	12.93	73.75	39.79	5.29	20.25	74.63	999.00	-1.53	999.00	-0.98	0.00
21	7	17	20	25.04	4.50	18.76	73.81	999.00	19.27	4.13	18.48	74.29	20.53	4.21	15.92	75.13	999.00	-1.19	999.00	-0.52	0.00
21	7	17	21	34.36	4.23	14.44	73.47	999.00	32.55	4.07	13.28	74.03	40.83	2.86	16.93	74.57	999.00	-1.03	999.00	-0.46	0.00
21	7	17	22	87.80	7.06	10.48	73.09	999.00	89.60	6.79	6.69	73.60	106.00	3.71	11.70	74.00	999.00	-0.55	999.00	-0.08	0.00
21	7	17	23	80.60	6.51	15.07	72.07	999.00	84.90	5.35	17.66	72.52	149.40	1.91	24.44	72.48	999.00	-0.08	999.00	0.24	0.00
21	7	17	24	153.10	3.38	38.50	71.15	999.00	189.10	3.49	50.80	71.32	248.40	1.77	71.60	71.10	999.00	0.13	999.00	-0.01	0.00
21	7	18	1	174.80	5.17	2.21	70.07	999.00	182.30	5.43	3.74	69.97	207.80	2.51	10.71	69.92	999.00	0.50	999.00	0.38	0.00
21	7	18	2	205.70	3.70	4.98	70.17	999.00	201.70	5.88	3.52	70.09	237.70	2.03	39.56	69.07	999.00	1.90	999.00	1.49	0.00
21	7	18	3	251.70	4.19	10.94	69.60	999.00	228.70	4.80	4.84	69.55	258.50	2.38	6.55	67.83	999.00	2.63	999.00	2.91	0.00
21	7	18	4	240.70	7.14	2.89	69.44	999.00	239.60	8.43	2.46	69.19	269.10	2.80	12.28	66.63	999.00	2.67	999.00	2.63	0.00
21	7	18	5	285.70	8.09	6.15	68.80	999.00	287.30	5.48	20.53	68.18	179.90	0.65	89.90	66.36	999.00	1.93	999.00	0.47	0.00
21	7	18	6	283.20	9.70	4.10	67.81	999.00	273.10	7.14	6.30	66.65	40.16	0.76	63.79	66.41	999.00	2.66	999.00	0.88	0.00
21	7	18	7	322.50	7.73	4.21	68.61	999.00	306.00	6.38	6.87	67.56	216.70	1.58	23.90	65.67	999.00	3.39	999.00	3.01	0.00
21	7	18	8	317.80	9.57	3.13	69.38	999.00	305.90	7.25	4.18	69.03	94.60	0.13	71.40	66.00	999.00	2.28	999.00	1.44	0.00
21	7	18	9	318.00	8.66	5.54	69.38	999.00	316.70	8.47	7.20	69.03	315.80	5.79	12.73	66.00	999.00	-2.77	999.00	-2.10	0.00
21	7	18	10	319.90	7.31	9.61	69.96	999.00	317.10	7.30	8.83	70.58	323.30	5.78	15.59	72.75	999.00	-2.96	999.00	-2.35	0.00
21	7	18	11	320.20	6.06	9.66	70.79	999.00	318.20	6.30	10.71	71.49	328.10	5.15	15.92	74.05	999.00	-3.03	999.00	-2.31	0.00
21	7	18	12	332.80	8.84	8.28	72.10	999.00	325.90	9.05	8.26	72.52	327.80	7.41	14.11	75.00	999.00	-2.47	999.00	-2.19	0.00
21	7	18	13	314.00	6.91	8.51	73.36	999.00	311.80	6.88	10.82	73.88	314.50	5.83	17.93	76.43	999.00	-3.30	999.00	-2.63	0.00
21	7	18	14	312.90	7.06	8.31	75.21	999.00	313.50	6.88	9.00	75.77	318.70	5.66	18.00	78.13	999.00	-3.48	999.00	-2.77	0.00
21	7	18	15	313.00	8.22	7.88	76.19	999.00	311.20	8.01	8.43	76.83	310.40	6.05	12.92	79.63	999.00	-3.41	999.00	-2.71	0.00
21	7	18	16	312.00	8.76	7.75	77.37	999.00	307.80	8.65	7.66	77.98	309.20	6.61	14.31	80.70	999.00	-3.36	999.00	-2.82	0.00
21	7	18	17	300.30	8.92	6.84	77.83	999.00	295.30	9.05	4.93	78.37	290.00	7.06	11.70	81.30	999.00	-3.13	999.00	-2.70	0.00
21	7	18	18	299.60	6.97	8.83	999.00	999.00	296.10	6.88	9.84	999.00	299.00	5.15	15.89	81.37	999.00	-2.93	999.00	-2.36	0.00
21	7	18	19	304.30	7.54	4.45	78.50	999.00	299.90	7.36	4.75	79.01	302.80	4.39	12.79	81.20	999.00	-2.58	999.00	-2.12	0.00
21	7	18	20	306.60	7.06	3.98	78.52	999.00	305.10	6.52	4.47	78.94	298.70	2.92	14.04	80.35	999.00	-1.43	999.00	-0.98	0.00
21	7	18	21	311.80	6.58	1.48	78.34	999.00	310.40	5.63	0.97	78.72	217.00	0.94	11.23	78.57	999.00	0.64	999.00	1.10	0.00
21	7	18	22	310.50	3.94	18.16	77.12	999.00	287.60	1.92	27.36	77.35	217.50	1.47	16.53	77.05	999.00	-0.63	999.00	-0.36	0.00
21	7	18	23	309.90	8.49	1.95	77.13	999.00	302.60	6.16	4.12	76.92	183.60	2.01	11.18	75.25	999.00	2.59	999.00	2.43	0.00
21	7	18	24	308.50	8.79	3.43	76.10	999.00	292.30	7.14	5.90	75.63	164.80	1.73	12.29	73.18	999.00	2.66	999.00	2.03	0.00
21	7	19	1	323.80	8.09	5.67	75.51	999.00	309.30	6.09	7.42	75.64	172.80	2.94	8.15	72.43	999.00	3.24	999.00	3.33	0.00
21	7	19	2	315.20	9.66	3.70	74.85	999.00	301.70	7.72	4.69	74.57	152.90	1.58	19.05	71.05	999.00	3.52	999.00	3.16	0.00
21	7	19	3	311.20	7.53	2.30	74.62	999.00	304.50	6.31	2.46	74.71	199.10	0.69	68.15	71.45	999.00	3.56	999.00	3.72	0.00
21	7	19	4	313.50	10.44	2.20	74.05	999.00	305.10	10.06	2.66	73.95	266.40	2.50	6.60	70.10	999.00	4.76	999.00	4.60	0.00
21	7	19	5	316.80	12.07	2.34	73.27	999.00	312.70	11.69	2.26	73.23	304.80	4.25	7.45	69.14	999.00	3.09	999.00	3.44	0.00
21	7	19	6	313.80	12.72	3.04	73.06	999.00	309.10	11.60	3.43	73.40	296.20	5.06	8.73	71.47	999.00	1.21	999.00	1.57	0.00
21	7	19	7	307.60	11.95	4.45	72.76	999.00	303.00	11.55	5.48	73.13	278.80	4.89	13.03	71.50	999.00	1.22	999.00	1.63	0.00
21	7	19	8	318.40	11.18	3.61	72.43	999.00	313.50	10.20	4.14	72.84	297.60	4.23	14.62	71.82	999.00	-0.05	999.00	0.33	0.00

21	7	19	9	316.40	10.04	4.83	71.97	999.00	313.70	9.58	4.87	72.46	312.00	5.77	12.69	73.30	999.00	-2.04	999.00	-1.49	0.00
21	7	19	10	314.20	10.26	4.63	71.85	999.00	314.10	10.26	4.67	72.47	319.50	7.95	10.57	74.50	999.00	-2.75	999.00	-2.13	0.00
21	7	19	11	304.20	7.75	9.06	71.85	999.00	298.90	7.91	10.23	72.47	300.80	6.03	18.31	74.50	999.00	-3.26	999.00	-2.67	0.00
21	7	19	12	301.40	8.12	8.26	73.42	999.00	297.60	8.25	8.11	74.05	297.40	6.78	15.35	76.80	999.00	-3.29	999.00	-2.78	0.00
21	7	19	13	301.90	11.37	6.07	74.71	999.00	297.00	11.68	6.08	75.21	296.60	8.45	13.11	77.90	999.00	-3.00	999.00	-2.57	0.00
21	7	19	14	300.50	10.27	8.18	75.72	999.00	294.40	10.48	8.34	76.26	289.10	7.61	15.68	79.15	999.00	-3.65	999.00	-3.11	0.00
21	7	19	15	296.30	9.92	7.21	76.42	999.00	292.30	9.88	7.63	76.94	291.80	6.85	17.22	79.93	999.00	-3.64	999.00	-3.08	0.00
21	7	19	16	299.70	8.71	11.71	77.28	999.00	296.40	8.68	12.09	77.89	296.50	6.68	18.51	80.77	999.00	-3.56	999.00	-3.02	0.00
21	7	19	17	292.50	7.63	11.49	77.86	999.00	296.70	7.41	12.67	78.40	298.60	5.43	21.71	81.15	999.00	-3.36	999.00	-2.79	0.00
21	7	19	18	290.90	8.99	7.68	78.67	999.00	288.70	8.59	8.11	79.22	285.20	6.44	13.24	81.68	999.00	-2.79	999.00	-2.22	0.00
21	7	19	19	282.10	7.55	8.69	999.00	999.00	279.60	7.04	9.01	999.00	273.50	4.90	11.10	81.57	999.00	-2.28	999.00	-1.72	0.00
21	7	19	20	280.60	7.73	3.34	79.25	999.00	277.00	6.79	4.02	79.74	257.30	3.40	7.98	80.60	999.00	-0.87	999.00	-0.37	0.00
21	7	19	21	281.10	10.21	1.83	79.25	999.00	275.40	8.84	2.19	79.74	250.30	4.14	6.75	80.60	999.00	0.07	999.00	0.42	0.00
21	7	19	22	288.90	13.71	0.81	79.00	999.00	281.70	11.78	1.76	79.16	258.00	3.69	7.25	77.97	999.00	1.66	999.00	1.67	0.00
21	7	19	23	289.30	13.12	0.96	78.71	999.00	280.30	11.00	1.41	78.69	236.60	3.63	7.00	76.78	999.00	2.43	999.00	2.36	0.00
21	7	19	24	294.80	13.34	1.19	77.81	999.00	283.20	12.50	1.51	77.87	251.80	4.70	6.64	75.82	999.00	2.18	999.00	2.18	0.00
21	7	20	1	306.30	14.34	1.89	76.74	999.00	297.70	13.01	3.43	76.45	280.10	4.14	9.22	73.88	999.00	3.25	999.00	2.92	0.00
21	7	20	2	303.00	10.12	4.10	75.58	999.00	297.70	8.72	5.28	75.75	188.90	1.69	25.12	73.45	999.00	1.53	999.00	1.68	0.00
21	7	20	3	303.20	11.18	3.72	74.50	999.00	297.60	9.30	3.83	74.44	219.90	0.84	56.58	73.00	999.00	1.70	999.00	1.45	0.00
21	7	20	4	304.50	10.99	1.90	74.50	999.00	295.40	9.93	4.84	74.44	240.50	2.34	17.53	73.00	999.00	1.52	999.00	1.28	0.00
21	7	20	5	311.30	13.10	2.52	72.83	999.00	307.10	11.61	3.48	73.09	293.30	3.75	12.59	71.43	999.00	0.79	999.00	1.17	0.00
21	7	20	6	307.50	12.21	2.52	72.43	999.00	304.20	11.60	3.28	72.84	298.10	5.05	12.18	72.43	999.00	-0.15	999.00	0.29	0.00
21	7	20	7	312.80	10.96	2.02	71.87	999.00	308.70	9.94	2.57	72.31	293.50	3.67	11.35	71.80	999.00	0.33	999.00	0.74	0.00
21	7	20	8	313.60	10.73	2.46	999.00	999.00	309.80	9.49	2.82	999.00	266.90	3.43	6.78	71.13	999.00	1.01	999.00	1.46	0.00
21	7	20	9	302.90	10.47	6.82	71.46	999.00	300.80	10.34	8.31	71.93	299.60	6.33	14.40	72.13	999.00	-2.13	999.00	-1.56	0.00
21	7	20	10	300.80	9.65	4.72	71.79	999.00	296.60	9.96	4.47	72.33	300.90	7.20	11.40	74.38	999.00	-2.63	999.00	-2.13	0.00
21	7	20	11	286.40	7.72	5.66	72.80	999.00	282.60	7.55	6.13	73.32	282.80	6.76	11.92	75.70	999.00	-2.90	999.00	-2.33	0.00
21	7	20	12	298.60	7.49	9.33	74.20	999.00	300.80	7.73	9.03	74.77	312.10	6.21	16.52	77.70	999.00	-3.51	999.00	-2.92	0.00
21	7	20	13	314.80	8.78	9.62	75.65	999.00	319.70	8.85	8.98	76.27	331.80	8.26	11.21	79.03	999.00	-2.73	999.00	-2.06	0.00
21	7	20	14	305.60	7.73	11.66	76.44	999.00	309.90	7.60	11.17	77.09	326.50	6.68	16.50	79.70	999.00	-2.90	999.00	-2.19	0.00
21	7	20	15	310.70	10.38	8.22	77.53	999.00	312.40	10.39	8.41	78.16	324.70	8.26	13.61	81.13	999.00	-3.19	999.00	-2.54	0.00
21	7	20	16	296.60	9.97	8.08	78.10	999.00	297.80	9.93	9.22	78.67	308.80	7.14	14.36	81.40	999.00	-3.40	999.00	-2.88	0.00
21	7	20	17	237.00	11.94	7.77	79.50	999.00	233.80	11.66	8.41	79.92	231.70	8.17	12.09	81.85	999.00	-2.00	999.00	-1.63	0.00
21	7	20	18	246.20	12.83	6.68	79.90	999.00	243.60	11.87	7.72	80.31	242.50	7.81	12.09	81.82	999.00	-1.81	999.00	-1.38	0.00
21	7	20	19	266.40	10.85	12.03	999.00	999.00	264.30	10.32	10.89	999.00	260.80	6.07	13.79	81.63	999.00	-1.49	999.00	-1.01	0.00
21	7	20	20	250.10	12.05	3.80	80.28	999.00	247.20	10.77	4.39	80.66	247.90	5.39	10.18	81.68	999.00	-0.89	999.00	-0.55	0.00
21	7	20	21	240.60	14.43	1.99	79.69	999.00	234.70	12.01	3.51	79.94	230.30	6.24	6.81	79.72	999.00	0.46	999.00	0.51	0.00
21	7	20	22	247.10	17.49	2.31	78.95	999.00	240.70	14.17	4.02	78.76	237.40	6.48	10.13	77.82	999.00	0.92	999.00	0.62	0.00
21	7	20	23	14.32	13.02	7.52	73.46	999.00	11.99	10.71	8.83	73.84	13.16	9.96	11.72	74.82	999.00	-1.69	999.00	-1.13	0.00
21	7	20	24	14.21	13.65	7.50	71.17	999.00	13.01	10.92	8.97	71.73	10.60	10.54	12.71	72.93	999.00	-1.78	999.00	-1.22	0.00
21	7	21	1	11.51	19.91	5.26	69.70	999.00	9.45	17.04	6.55	70.26	12.23	15.22	10.71	71.57	999.00	-1.89	999.00	-1.34	0.00
21	7	21	2	15.80	17.94	6.48	67.92	999.00	15.45	14.40	7.78	68.47	20.40	14.14	9.88	69.80	999.00	-1.90	999.00	-1.34	0.00
21	7	21	3	11.84	18.08	8.55	67.92	999.00	9.87	15.12	9.61	68.47	16.50	13.77	11.67	69.80	999.00	-1.92	999.00	-1.37	0.00
21	7	21	4	9.22	17.96	7.62	66.99	999.00	6.80	15.18	8.37	67.56	12.03	14.07	11.01	68.90	999.00	-1.87	999.00	-1.32	0.00
21	7	21	5	15.53	18.62	7.56	65.06	999.00	14.21	15.64	8.54	65.63	16.77	14.55	12.14	66.98	999.00	-1.93	999.00	-1.38	0.00
21	7	21	6	7.08	16.10	11.45	64.54	999.00	6.63	13.40	11.46	65.12	9.63	12.66	13.25	66.46	999.00	-1.91	999.00	-1.35	0.00

21	7	21	7	352.10	15.01	7.48	64.43	999.00	350.70	14.21	7.94	64.99	352.60	12.19	9.85	66.33	999.00	-1.90	999.00	-1.33	0.00
21	7	21	8	348.00	15.32	9.71	64.40	999.00	344.50	14.85	9.34	64.95	346.00	12.33	12.60	66.33	999.00	-1.97	999.00	-1.43	0.00
21	7	21	9	346.90	16.28	7.48	64.05	999.00	344.80	15.62	7.11	64.56	349.00	12.67	9.89	65.97	999.00	-1.94	999.00	-1.45	0.00
21	7	21	10	350.90	14.14	10.82	64.19	999.00	348.00	13.15	10.63	64.68	350.20	11.40	10.47	66.23	999.00	-2.16	999.00	-1.65	0.00
21	7	21	11	358.20	13.65	13.58	64.64	999.00	355.70	12.57	13.59	65.08	356.90	12.21	15.22	66.71	999.00	-2.08	999.00	-1.59	0.00
21	7	21	12	354.40	13.46	11.62	65.79	999.00	352.30	12.44	10.97	66.23	348.90	12.11	11.30	67.83	999.00	-2.02	999.00	-1.60	0.00
21	7	21	13	346.20	15.21	7.41	65.79	999.00	345.50	14.52	7.08	66.23	349.30	12.87	12.65	67.83	999.00	-2.16	999.00	-1.81	0.00
21	7	21	14	337.90	13.06	8.68	67.51	999.00	336.60	12.79	10.03	67.88	338.60	11.03	12.97	69.50	999.00	-2.21	999.00	-1.76	0.00
21	7	21	15	335.20	10.43	10.06	68.47	999.00	334.20	10.18	10.86	68.96	340.10	8.66	15.69	70.67	999.00	-2.12	999.00	-1.62	0.00
21	7	21	16	356.40	8.05	21.45	69.67	999.00	357.40	7.55	19.34	70.07	6.70	6.94	27.89	71.68	999.00	-1.91	999.00	-1.46	0.00
21	7	21	17	6.14	7.80	23.61	69.67	999.00	2.05	7.36	24.43	70.07	0.09	7.27	23.39	71.68	999.00	-1.73	999.00	-1.42	0.00
21	7	21	18	351.40	5.96	26.71	71.24	999.00	355.10	5.32	30.60	71.83	348.80	4.34	44.29	73.10	999.00	-2.04	999.00	-1.27	0.00
21	7	21	19	10.57	3.12	40.90	71.40	999.00	355.70	2.37	37.99	72.21	316.00	2.39	46.47	73.60	999.00	-2.47	999.00	-1.50	0.00
21	7	21	20	19.24	3.85	22.10	71.57	999.00	12.37	3.55	23.96	72.15	1.86	2.78	24.69	73.13	999.00	-1.38	999.00	-0.85	0.00
21	7	21	21	60.27	3.94	13.98	70.60	999.00	60.82	3.52	12.44	71.20	89.00	1.41	18.94	71.80	999.00	-1.17	999.00	-0.59	0.00
21	7	21	22	53.58	8.38	8.74	70.33	999.00	51.63	8.16	7.41	70.89	69.46	3.98	12.46	71.10	999.00	-0.46	999.00	0.08	0.00
21	7	21	23	48.79	10.67	6.47	70.04	999.00	46.41	10.13	6.80	70.57	62.63	6.11	9.81	70.78	999.00	-0.75	999.00	-0.25	0.00
21	7	21	24	50.17	13.82	4.30	69.03	999.00	46.97	13.28	4.04	69.54	55.49	8.06	11.20	69.94	999.00	-0.95	999.00	-0.44	0.00
21	7	22	1	47.12	14.83	4.87	67.60	999.00	44.29	14.39	5.64	68.12	49.12	9.53	11.39	68.70	999.00	-1.20	999.00	-0.64	0.00
21	7	22	2	50.11	11.51	5.80	66.56	999.00	48.53	10.97	5.88	67.09	61.51	6.38	12.17	67.51	999.00	-0.78	999.00	-0.26	0.00
21	7	22	3	54.34	6.86	7.48	66.27	999.00	51.28	6.48	6.60	66.78	86.00	2.67	13.17	66.71	999.00	-0.34	999.00	0.18	0.00
21	7	22	4	35.90	4.77	13.61	66.08	999.00	33.29	4.47	13.55	66.66	58.46	2.83	12.90	66.41	999.00	-0.69	999.00	-0.08	0.00
21	7	22	5	2.60	3.24	19.83	65.76	999.00	348.00	2.76	17.05	66.28	231.90	3.19	4.39	65.57	999.00	1.16	999.00	1.75	0.00
21	7	22	6	7.79	3.91	16.10	65.58	999.00	0.76	2.94	17.65	66.01	226.40	2.56	25.11	62.90	999.00	3.69	999.00	3.98	0.00
21	7	22	7	351.90	2.34	28.79	65.36	999.00	331.10	2.34	15.45	65.80	223.20	2.09	55.57	61.59	999.00	3.67	999.00	4.27	0.00
21	7	22	8	315.70	5.02	8.60	65.60	999.00	293.50	4.86	9.29	65.78	316.50	1.02	72.30	61.90	999.00	3.48	999.00	3.62	0.00
21	7	22	9	330.70	1.71	38.89	65.86	999.00	311.10	1.73	47.08	65.88	238.80	3.21	13.91	63.95	999.00	1.30	999.00	1.37	0.00
21	7	22	10	341.40	4.49	33.82	66.66	999.00	331.50	4.34	42.68	66.47	319.80	3.78	49.81	67.51	999.00	-2.73	999.00	-1.92	0.00
21	7	22	11	359.20	5.26	16.44	67.55	999.00	356.00	5.05	13.02	68.00	356.70	5.33	15.34	69.74	999.00	-1.68	999.00	-1.35	0.00
21	7	22	12	358.10	6.28	15.03	68.05	999.00	354.60	5.73	14.97	68.26	355.80	6.03	27.03	69.53	999.00	-1.62	999.00	-1.37	0.00
21	7	22	13	359.80	5.06	21.70	68.05	999.00	354.90	4.79	22.06	68.26	341.50	4.95	31.05	69.53	999.00	-1.74	999.00	-1.31	0.00
21	7	22	14	8.00	5.63	18.71	69.27	999.00	4.18	5.39	20.99	69.58	353.40	5.67	16.47	70.95	999.00	-1.77	999.00	-1.45	0.00
21	7	22	15	25.63	7.15	15.59	69.62	999.00	23.23	6.77	15.28	69.77	19.76	7.29	15.45	71.02	999.00	-1.47	999.00	-1.18	0.00
21	7	22	16	37.85	7.56	12.09	69.62	999.00	36.19	7.53	10.13	69.77	32.16	6.34	18.04	71.02	999.00	-1.65	999.00	-1.39	0.00
21	7	22	17	73.50	11.55	6.49	69.86	999.00	71.00	11.26	7.33	70.47	78.70	7.15	18.18	72.20	999.00	-2.66	999.00	-1.94	0.00
21	7	22	18	88.50	10.50	6.60	69.33	999.00	85.30	9.88	7.31	69.96	94.00	5.41	16.18	71.63	999.00	-2.02	999.00	-1.40	0.00
21	7	22	19	95.90	10.10	7.13	69.51	999.00	92.00	9.48	8.69	70.10	99.30	4.74	16.89	71.57	999.00	-2.19	999.00	-1.55	0.00
21	7	22	20	114.80	9.77	5.82	69.72	999.00	110.30	9.53	7.73	70.24	113.90	5.21	18.06	71.23	999.00	-1.64	999.00	-1.07	0.00
21	7	22	21	118.30	8.64	4.98	69.60	999.00	120.50	7.73	5.50	70.08	130.80	3.49	13.93	70.65	999.00	-0.71	999.00	-0.39	0.00
21	7	22	22	124.80	11.30	4.21	69.60	999.00	128.00	10.71	3.61	70.08	150.20	3.18	16.98	70.65	999.00	0.83	999.00	0.91	0.00
21	7	22	23	133.40	11.64	3.12	69.62	999.00	131.00	11.22	4.93	69.90	162.90	2.46	25.60	68.14	999.00	1.86	999.00	2.14	0.00
21	7	22	24	136.50	11.45	3.82	69.28	999.00	139.10	10.75	5.65	69.32	164.60	1.99	26.35	66.97	999.00	2.62	999.00	2.51	0.00
21	7	23	1	136.90	9.27	3.66	69.13	999.00	145.60	8.44	7.54	68.56	190.40	2.09	9.74	65.98	999.00	2.98	999.00	2.40	0.00
21	7	23	2	148.70	11.89	2.25	69.37	999.00	151.70	11.81	2.24	68.92	182.20	2.16	26.50	65.19	999.00	4.66	999.00	4.08	0.00
21	7	23	3	150.00	7.91	2.33	69.46	999.00	152.30	7.57	1.52	68.85	171.60	2.20	12.16	65.56	999.00	3.38	999.00	3.25	0.00
21	7	23	4	152.10	10.27	5.39	69.58	999.00	153.30	10.11	5.47	69.17	143.20	2.62	31.67	65.68	999.00	4.44	999.00	3.98	0.00

21	7	23	5	129.00	9.67	4.21	69.51	999.00	131.10	9.20	3.64	68.88	161.10	2.69	26.39	66.04	999.00	2.77	999.00	2.00	0.00
21	7	23	6	124.90	10.83	1.98	68.66	999.00	134.00	10.79	5.42	67.76	165.00	2.41	24.68	65.74	999.00	3.51	999.00	2.14	0.00
21	7	23	7	140.50	12.06	1.35	67.89	999.00	148.30	10.38	1.92	66.55	175.40	1.68	25.95	64.99	999.00	2.37	999.00	1.19	0.00
21	7	23	8	151.30	14.67	1.43	67.31	999.00	154.80	12.22	2.66	65.92	181.00	3.53	19.96	64.66	999.00	2.27	999.00	0.83	0.00
21	7	23	9	142.30	12.34	3.34	67.27	999.00	142.30	9.43	5.33	66.12	159.30	2.87	25.55	66.22	999.00	0.27	999.00	-0.30	0.00
21	7	23	10	143.10	14.56	6.33	67.77	999.00	144.70	11.51	8.00	66.84	167.80	4.11	19.80	67.01	999.00	-0.16	999.00	-0.46	0.00
21	7	23	11	164.30	14.41	3.29	66.40	999.00	165.70	11.32	4.70	66.12	177.40	4.14	20.17	66.38	999.00	0.55	999.00	0.00	0.00
21	7	23	12	175.60	8.52	10.20	66.13	999.00	173.80	7.00	15.57	66.19	181.30	3.69	29.47	66.78	999.00	-1.01	999.00	-0.78	0.00
21	7	23	13	212.70	5.25	14.83	66.36	999.00	207.20	4.93	15.48	66.71	212.70	4.16	24.00	68.01	999.00	-2.22	999.00	-1.66	0.00
21	7	23	14	174.70	8.69	10.57	68.15	999.00	171.60	8.50	11.91	69.16	173.70	4.65	24.82	70.35	999.00	-1.88	999.00	-0.98	0.00
21	7	23	15	162.80	8.94	8.89	69.43	999.00	160.00	8.54	9.77	70.29	172.00	5.00	21.39	71.75	999.00	-2.70	999.00	-1.66	0.00
21	7	23	16	171.20	9.27	9.20	71.62	999.00	169.30	9.05	10.23	72.61	181.50	5.91	23.57	74.38	999.00	-2.57	999.00	-1.55	0.00
21	7	23	17	173.40	7.37	17.92	73.05	999.00	170.60	7.09	19.12	74.09	175.50	4.42	30.76	75.60	999.00	-2.38	999.00	-1.49	0.00
21	7	23	18	178.90	8.50	7.27	73.90	999.00	177.30	8.08	9.15	74.78	183.80	4.66	20.45	76.22	999.00	-1.99	999.00	-1.10	0.00
21	7	23	19	169.70	7.78	7.07	74.12	999.00	168.70	7.57	7.77	75.01	175.30	4.35	19.60	76.20	999.00	-2.14	999.00	-1.16	0.00
21	7	23	20	185.10	8.03	6.90	74.40	999.00	180.40	7.10	9.44	75.06	175.50	2.82	23.92	75.95	999.00	-1.28	999.00	-0.74	0.00
21	7	23	21	175.20	11.45	2.60	999.00	999.00	168.10	10.62	3.22	999.00	165.40	3.70	16.98	75.23	999.00	-0.82	999.00	-0.41	0.00
21	7	23	22	174.20	12.69	3.30	73.75	999.00	170.20	10.65	4.00	73.93	179.30	3.08	18.62	74.15	999.00	-0.32	999.00	-0.12	0.00
21	7	23	23	164.50	14.06	2.74	999.00	999.00	161.50	11.54	2.99	999.00	160.60	2.91	15.99	73.27	999.00	0.72	999.00	0.62	0.00
21	7	23	24	163.70	16.00	1.54	999.00	999.00	156.90	13.23	2.87	999.00	160.00	4.00	19.15	72.73	999.00	0.66	999.00	0.38	0.00
21	7	24	1	161.00	15.33	4.25	72.61	999.00	154.40	11.96	5.25	72.49	158.20	4.00	23.04	72.40	999.00	-0.17	999.00	-0.25	0.00
21	7	24	2	200.90	15.42	5.69	70.98	999.00	199.80	12.94	6.82	71.19	200.60	5.89	16.75	71.78	999.00	-0.98	999.00	-0.77	0.00
21	7	24	3	188.40	12.00	4.59	68.75	999.00	181.90	9.75	6.11	69.06	176.70	4.36	17.29	69.86	999.00	-1.12	999.00	-0.87	0.00
21	7	24	4	179.30	18.14	2.78	69.30	999.00	176.70	14.95	4.00	68.86	184.30	5.39	15.98	68.92	999.00	0.30	999.00	0.08	0.00
21	7	24	5	188.90	17.87	2.12	68.88	999.00	183.60	14.35	3.74	68.59	182.80	6.03	14.33	68.73	999.00	0.06	999.00	-0.20	0.00
21	7	24	6	193.10	19.22	2.06	69.32	999.00	184.20	15.84	2.72	68.46	185.20	5.78	13.43	67.83	999.00	1.43	999.00	0.71	0.00
21	7	24	7	202.40	17.62	3.58	68.28	999.00	191.50	15.03	3.71	67.97	188.20	5.68	15.30	67.65	999.00	0.42	999.00	0.17	0.00
21	7	24	8	191.40	13.00	4.23	67.72	999.00	178.10	11.84	5.26	67.69	176.20	4.53	16.51	68.12	999.00	-0.69	999.00	-0.69	0.00
21	7	24	9	190.50	12.76	6.78	67.63	999.00	186.80	10.47	9.23	67.81	194.20	5.24	17.44	68.76	999.00	-1.74	999.00	-1.27	0.00
21	7	24	10	210.10	11.03	8.80	68.51	999.00	207.10	9.77	8.72	68.90	210.00	5.52	16.13	69.82	999.00	-1.53	999.00	-1.07	0.00
21	7	24	11	217.30	14.46	6.53	71.27	999.00	213.50	13.13	8.21	71.74	216.20	8.76	14.02	73.05	999.00	-2.12	999.00	-1.65	0.00
21	7	24	12	216.80	14.33	6.64	73.93	999.00	215.20	13.35	7.89	74.42	219.60	9.55	14.22	76.13	999.00	-2.69	999.00	-2.19	0.00
21	7	24	13	215.20	18.40	6.67	77.41	999.00	212.50	17.71	7.34	77.86	215.70	12.16	13.93	80.05	999.00	-2.60	999.00	-2.15	0.00
21	7	24	14	208.00	19.85	6.66	79.94	999.00	205.20	18.22	7.79	80.37	211.40	11.36	15.52	82.50	999.00	-2.48	999.00	-2.03	0.00
21	7	24	15	211.10	21.09	6.95	80.94	999.00	209.30	20.13	8.25	81.38	215.00	12.71	13.66	83.25	999.00	-2.12	999.00	-1.68	0.00
21	7	24	16	206.70	19.30	6.29	80.91	999.00	205.00	17.83	7.33	81.34	209.80	10.81	14.69	82.70	999.00	-1.93	999.00	-1.51	0.00
21	7	24	17	197.70	20.50	6.97	80.91	999.00	195.70	19.29	7.66	81.34	202.10	11.46	15.00	82.70	999.00	-2.05	999.00	-1.63	0.00
21	7	24	18	200.00	20.68	6.39	81.89	999.00	196.40	18.76	6.57	82.37	203.20	10.63	13.98	83.55	999.00	-1.35	999.00	-0.87	0.00
21	7	24	19	195.40	24.56	5.49	81.22	999.00	193.50	23.25	5.88	81.67	197.70	11.89	16.16	82.88	999.00	-2.04	999.00	-1.59	0.01
21	7	24	20	172.90	18.91	4.08	78.58	999.00	168.50	16.61	5.34	79.09	174.40	8.07	18.39	80.15	999.00	-1.62	999.00	-1.06	0.00
21	7	24	21	187.20	21.23	4.01	78.01	999.00	182.30	17.79	5.16	78.09	185.40	6.74	15.82	78.45	999.00	0.04	999.00	-0.08	0.00
21	7	24	22	187.80	23.26	4.19	78.76	999.00	183.80	20.35	5.04	78.93	188.60	9.18	15.32	78.97	999.00	-0.41	999.00	-0.19	0.03
21	7	24	23	199.20	16.50	9.22	78.09	999.00	198.30	13.69	11.32	78.56	211.20	5.26	45.87	78.60	999.00	-0.19	999.00	0.46	1.30
21	7	24	24	298.40	10.76	14.63	70.66	999.00	294.30	10.19	17.86	70.71	278.40	6.17	22.83	71.35	999.00	-0.69	999.00	-1.24	0.01
21	7	25	1	223.50	6.80	16.79	70.63	999.00	208.90	5.79	15.61	70.33	173.40	3.19	18.03	71.60	999.00	-0.80	999.00	-1.10	0.00
21	7	25	2	208.10	11.10	4.28	70.24	999.00	205.00	10.88	6.54	69.63	197.40	4.47	15.01	70.45	999.00	-0.30	999.00	-1.01	0.00

21	7	25	3	219.10	11.84	3.15	69.37	999.00	208.90	11.73	3.34	69.22	200.30	4.64	11.46	69.64	999.00	0.02	999.00	0.06	0.00
21	7	25	4	228.70	14.65	7.26	68.83	999.00	217.30	12.30	6.90	68.52	205.50	5.28	12.14	68.80	999.00	0.15	999.00	-0.31	0.00
21	7	25	5	253.60	12.54	6.87	69.60	999.00	236.00	10.36	6.87	68.74	215.70	4.29	12.86	68.70	999.00	1.28	999.00	0.36	0.00
21	7	25	6	258.30	12.91	4.35	69.60	999.00	238.60	11.28	5.00	68.74	212.20	4.47	11.95	68.70	999.00	1.06	999.00	0.15	0.00
21	7	25	7	286.30	11.86	2.79	71.07	999.00	260.80	10.75	3.93	69.92	246.90	4.39	9.93	68.74	999.00	2.07	999.00	0.81	0.00
21	7	25	8	295.90	11.72	3.15	71.05	999.00	279.90	9.43	7.80	69.53	272.80	4.91	11.34	69.49	999.00	0.79	999.00	-0.35	0.00
21	7	25	9	289.90	6.50	9.91	69.62	999.00	284.10	6.01	9.30	69.20	290.40	4.88	15.82	70.50	999.00	-1.23	999.00	-1.42	0.00
21	7	25	10	272.70	3.46	21.40	71.50	999.00	279.50	3.37	16.78	70.90	274.40	2.52	36.51	73.65	999.00	-3.05	999.00	-3.88	0.00
21	7	25	11	255.80	3.78	37.46	75.30	999.00	244.00	3.45	32.88	74.41	244.30	2.55	42.79	79.05	999.00	-4.00	999.00	-4.00	0.00
21	7	25	12	219.60	5.49	12.92	78.95	999.00	219.40	5.67	11.67	999.00	220.90	4.53	17.22	82.42	999.00	-2.48	999.00	-4.00	0.00
21	7	25	13	357.20	4.13	15.51	80.82	999.00	4.36	4.28	8.74	77.50	18.03	5.23	12.09	82.70	999.00	0.85	999.00	-4.00	0.00
21	7	25	14	346.50	5.41	28.89	79.57	999.00	13.56	4.61	27.28	78.90	41.58	4.22	18.80	83.43	999.00	-4.00	999.00	-4.00	0.00
21	7	25	15	312.70	9.87	10.93	82.08	999.00	313.60	9.96	10.45	82.20	326.10	7.57	14.93	85.45	999.00	-1.50	999.00	-0.90	0.00
21	7	25	16	327.70	9.52	7.97	81.99	999.00	327.10	9.48	8.39	82.64	334.30	8.46	12.79	84.10	999.00	-2.35	999.00	-1.76	0.00
21	7	25	17	332.70	7.75	9.39	82.86	999.00	333.90	7.30	9.35	83.24	342.70	6.66	9.73	84.65	999.00	-1.67	999.00	-1.26	0.00
21	7	25	18	334.60	7.79	8.51	83.54	999.00	336.40	6.71	9.40	83.98	346.30	5.61	12.01	85.05	999.00	-1.47	999.00	-1.04	0.00
21	7	25	19	316.00	8.99	3.92	83.33	999.00	315.20	8.51	4.38	83.85	319.10	5.59	10.37	85.65	999.00	-2.43	999.00	-1.81	0.00
21	7	25	20	300.50	9.81	2.46	83.23	999.00	298.60	10.34	2.00	83.58	302.10	4.47	8.30	84.35	999.00	0.42	999.00	0.90	0.00
21	7	25	21	284.60	6.41	1.92	82.97	999.00	281.20	5.63	1.93	83.44	264.20	2.61	4.33	82.35	999.00	0.73	999.00	1.19	0.00
21	7	25	22	301.90	7.06	2.68	82.98	999.00	299.50	6.66	2.89	83.43	242.80	0.45	18.77	81.53	999.00	1.78	999.00	2.27	0.00
21	7	25	23	272.40	9.17	3.92	82.15	999.00	266.10	8.53	5.42	82.18	220.70	2.55	6.03	77.07	999.00	5.78	999.00	5.89	0.00
21	7	25	24	277.00	8.47	2.15	81.65	999.00	270.00	7.87	1.73	81.80	200.40	3.03	8.29	75.80	999.00	6.07	999.00	6.13	0.00
21	7	26	1	286.00	8.79	1.96	80.91	999.00	281.10	7.99	2.47	80.74	199.80	2.68	10.66	75.15	999.00	5.73	999.00	5.68	0.00
21	7	26	2	289.20	9.86	3.34	78.89	999.00	269.70	8.70	4.67	78.79	223.30	1.58	9.34	73.65	999.00	5.12	999.00	4.75	0.00
21	7	26	3	299.30	9.48	3.43	77.34	999.00	273.70	8.30	5.30	76.94	192.90	1.84	22.31	73.03	999.00	4.09	999.00	3.41	0.00
21	7	26	4	314.60	12.69	1.19	76.24	999.00	308.20	10.53	1.62	75.37	252.10	2.98	5.41	71.48	999.00	5.25	999.00	4.62	0.00
21	7	26	5	314.30	13.25	2.52	75.84	999.00	311.00	12.19	2.37	75.76	256.80	3.28	5.53	69.99	999.00	5.55	999.00	5.85	0.00
21	7	26	6	314.40	11.99	2.95	75.17	999.00	310.40	11.44	3.04	75.51	285.20	3.28	11.63	70.95	999.00	3.26	999.00	3.70	0.00
21	7	26	7	316.00	10.64	2.82	74.07	999.00	310.80	9.65	1.78	74.36	213.40	3.48	26.15	69.53	999.00	5.24	999.00	5.47	0.00
21	7	26	8	310.80	9.78	2.81	73.82	999.00	296.30	7.87	4.66	73.00	196.30	2.04	12.74	67.68	999.00	5.52	999.00	4.50	0.00
21	7	26	9	305.00	8.49	5.55	73.52	999.00	280.40	5.25	11.37	72.00	227.70	2.37	15.41	70.73	999.00	1.12	999.00	-0.39	0.00
21	7	26	10	298.90	5.44	12.85	73.12	999.00	283.90	4.99	13.17	73.19	272.50	4.46	14.90	74.77	999.00	-2.48	999.00	-2.13	0.00
21	7	26	11	293.60	6.64	7.16	75.12	999.00	286.60	6.46	7.09	75.66	277.20	6.31	10.97	78.38	999.00	-3.13	999.00	-2.54	0.00
21	7	26	12	299.90	5.28	11.59	76.94	999.00	294.20	5.03	11.61	77.51	293.10	4.32	23.17	80.25	999.00	-3.34	999.00	-2.70	0.00
21	7	26	13	291.40	6.07	11.37	79.25	999.00	287.20	5.85	9.13	79.87	279.70	5.03	17.43	82.57	999.00	-3.15	999.00	-2.58	0.00
21	7	26	14	297.20	7.83	7.14	80.51	999.00	296.20	7.89	6.07	81.08	300.90	5.79	13.57	83.97	999.00	-3.61	999.00	-3.12	0.00
21	7	26	15	299.60	8.09	8.24	81.86	999.00	301.10	7.92	8.73	82.43	313.70	6.30	15.34	85.30	999.00	-3.30	999.00	-2.68	0.00
21	7	26	16	297.10	7.68	12.70	82.96	999.00	296.50	7.36	15.83	83.55	300.40	5.26	25.84	86.50	999.00	-3.41	999.00	-2.82	0.00
21	7	26	17	294.70	9.47	10.46	83.38	999.00	292.70	9.42	9.65	83.94	296.20	6.70	15.37	86.75	999.00	-3.22	999.00	-2.71	0.00
21	7	26	18	285.80	7.30	8.63	83.70	999.00	283.60	6.72	9.39	84.28	281.10	5.05	13.99	86.85	999.00	-3.02	999.00	-2.46	0.00
21	7	26	19	281.50	7.69	5.95	83.84	999.00	279.00	7.26	5.58	84.37	270.50	5.21	9.20	86.30	999.00	-2.26	999.00	-1.62	0.00
21	7	26	20	277.70	6.91	7.66	83.68	999.00	274.30	6.37	5.75	84.12	255.90	3.16	7.44	84.93	999.00	-0.67	999.00	-0.17	0.00
21	7	26	21	279.60	9.96	2.41	83.44	999.00	273.90	8.99	1.78	83.84	253.00	4.07	5.39	83.10	999.00	1.00	999.00	1.31	0.00
21	7	26	22	283.30	13.28	0.93	83.36	999.00	276.20	10.69	1.52	83.31	231.10	3.86	4.76	80.82	999.00	3.59	999.00	3.26	0.00
21	7	26	23	282.40	11.32	0.94	83.37	999.00	271.50	10.03	1.54	82.91	190.40	3.00	10.12	77.95	999.00	6.50	999.00	5.93	0.00
21	7	26	24	266.70	10.78	1.36	82.55	999.00	251.90	9.41	3.03	81.67	203.30	2.76	14.24	75.68	999.00	6.54	999.00	5.87	0.00

21	7	27	1	269.20	13.42	1.44	81.24	999.00	259.90	13.57	3.17	80.25	208.70	3.84	11.85	74.55	999.00	7.34	999.00	5.80	0.00
21	7	27	2	282.00	13.65	2.28	80.97	999.00	264.00	12.16	5.87	79.72	202.30	3.89	12.35	73.25	999.00	7.86	999.00	6.39	0.00
21	7	27	3	270.20	12.29	1.69	999.00	999.00	256.00	13.00	2.86	999.00	210.90	3.85	11.67	71.70	999.00	7.88	999.00	6.25	0.00
21	7	27	4	266.20	17.47	0.72	78.94	999.00	256.40	15.16	2.80	76.05	236.40	5.57	7.65	71.43	999.00	6.98	999.00	3.48	0.00
21	7	27	5	261.50	17.45	1.05	78.25	999.00	258.40	15.20	2.21	75.20	201.80	4.27	13.95	70.52	999.00	7.97	999.00	5.71	0.00
21	7	27	6	259.90	16.74	1.51	999.00	999.00	242.60	13.94	3.18	75.85	203.20	4.83	12.13	69.23	999.00	999.00	999.00	5.58	0.00
21	7	27	7	262.00	14.89	4.62	75.29	999.00	239.60	14.19	6.38	72.64	206.70	5.95	11.13	68.05	999.00	7.21	999.00	4.59	0.00
21	7	27	8	256.90	20.06	2.01	75.60	999.00	248.80	15.86	6.31	73.35	229.50	6.50	12.74	69.43	999.00	5.81	999.00	3.35	0.00
21	7	27	9	257.70	15.98	4.27	73.81	999.00	248.80	12.41	5.98	71.95	234.50	6.11	12.16	71.15	999.00	1.68	999.00	0.37	0.00
21	7	27	10	244.70	14.22	6.99	74.22	999.00	234.60	11.88	7.53	74.01	222.60	7.84	11.05	74.88	999.00	-0.88	999.00	-1.16	0.00
21	7	27	11	243.00	10.53	6.21	76.93	999.00	236.90	9.97	6.70	77.22	231.20	7.55	11.52	78.85	999.00	-2.18	999.00	-1.75	0.00
21	7	27	12	219.30	12.23	5.58	79.25	999.00	217.10	11.80	6.08	79.66	221.40	9.41	11.48	81.47	999.00	-2.46	999.00	-2.01	0.00
21	7	27	13	234.20	14.31	9.36	80.77	999.00	230.60	13.32	9.96	81.17	232.40	9.49	15.04	83.07	999.00	-2.09	999.00	-1.70	0.00
21	7	27	14	250.00	13.13	11.96	82.47	999.00	247.10	12.19	12.10	82.86	246.70	8.58	16.64	84.57	999.00	-1.74	999.00	-1.33	0.00
21	7	27	15	301.90	12.84	8.18	83.14	999.00	300.10	12.45	8.78	83.56	303.50	9.10	14.52	85.45	999.00	-2.96	999.00	-2.48	0.00
21	7	27	16	299.40	12.92	6.68	83.20	999.00	298.60	12.78	7.10	83.69	304.90	8.57	12.38	86.32	999.00	-2.96	999.00	-2.46	0.00
21	7	27	17	312.30	11.16	4.97	83.01	999.00	312.00	10.31	5.57	83.50	319.60	7.04	11.38	85.48	999.00	-2.12	999.00	-1.70	0.00
21	7	27	18	2.84	7.45	8.68	82.17	999.00	3.81	7.09	9.33	82.42	11.98	7.19	11.51	83.88	999.00	-0.77	999.00	-0.64	0.00
21	7	27	19	59.26	3.39	22.21	81.90	999.00	61.66	2.99	22.49	82.19	89.00	2.44	47.65	82.85	999.00	-1.76	999.00	-1.18	0.00
21	7	27	20	48.04	5.91	6.90	81.90	999.00	50.91	5.33	8.38	82.19	85.80	2.79	22.23	82.85	999.00	-0.16	999.00	-0.15	0.00
21	7	27	21	85.70	4.75	6.35	80.10	999.00	94.20	4.44	6.57	80.12	131.00	1.88	20.02	79.85	999.00	0.38	999.00	0.49	0.00
21	7	27	22	87.30	6.29	8.20	79.73	999.00	81.40	5.44	7.03	79.67	84.50	2.84	10.08	78.75	999.00	0.53	999.00	0.63	0.00
21	7	27	23	116.30	6.90	5.76	78.78	999.00	111.40	6.22	5.91	78.96	186.90	1.45	15.21	77.60	999.00	2.06	999.00	2.26	0.00
21	7	27	24	160.70	6.10	6.48	78.63	999.00	157.60	5.38	8.29	78.74	166.80	1.84	25.42	76.50	999.00	3.04	999.00	2.91	0.00
21	7	28	1	237.50	7.61	3.90	78.46	999.00	234.30	9.21	3.45	78.17	195.80	2.07	12.57	75.22	999.00	3.75	999.00	3.25	0.00
21	7	28	2	271.10	10.44	3.24	79.29	999.00	263.50	10.33	3.09	78.74	242.40	5.01	7.96	74.32	999.00	5.29	999.00	5.30	0.00
21	7	28	3	275.00	10.84	5.89	78.57	999.00	255.00	9.01	13.58	78.49	208.10	4.03	14.90	73.50	999.00	4.83	999.00	3.47	0.00
21	7	28	4	278.30	12.29	2.53	76.15	999.00	259.80	11.62	2.51	74.95	246.40	4.44	7.69	71.85	999.00	3.55	999.00	2.71	0.00
21	7	28	5	296.30	10.46	1.92	75.67	999.00	287.60	11.57	1.87	75.49	261.80	3.96	7.30	71.05	999.00	4.48	999.00	4.66	0.00
21	7	28	6	304.80	9.32	1.40	74.74	999.00	288.80	9.90	2.24	74.54	233.40	2.35	12.23	70.35	999.00	4.01	999.00	3.43	0.00
21	7	28	7	303.50	9.89	2.80	73.64	999.00	286.40	9.01	5.27	73.21	242.80	5.12	7.83	70.30	999.00	3.22	999.00	2.78	0.00
21	7	28	8	313.00	11.53	5.33	73.48	999.00	307.00	10.50	5.22	73.44	267.40	3.94	8.95	69.78	999.00	3.29	999.00	3.46	0.00
21	7	28	9	319.00	8.02	4.72	73.19	999.00	316.80	7.40	6.39	73.69	308.70	4.81	21.86	73.20	999.00	-2.37	999.00	-1.82	0.00
21	7	28	10	314.00	5.77	9.47	73.43	999.00	314.40	5.73	8.89	74.10	322.90	4.95	15.17	76.38	999.00	-3.28	999.00	-2.55	0.00
21	7	28	11	277.20	4.22	11.46	74.32	999.00	274.80	4.21	11.11	74.94	266.70	3.17	23.34	77.95	999.00	-3.12	999.00	-2.53	0.00
21	7	28	12	327.20	7.36	9.09	76.06	999.00	332.00	7.17	10.35	76.70	343.30	6.62	14.85	79.32	999.00	-2.47	999.00	-1.79	0.00
21	7	28	13	331.90	6.85	14.49	76.57	999.00	335.90	6.67	13.10	77.11	348.60	6.26	13.30	78.95	999.00	-1.97	999.00	-1.49	0.00
21	7	28	14	0.79	5.49	11.22	77.56	999.00	357.80	5.48	12.99	77.66	6.48	6.29	17.00	78.75	999.00	-1.00	999.00	-1.03	0.00
21	7	28	15	336.10	6.19	13.71	78.71	999.00	337.90	6.26	12.23	78.88	352.10	5.58	12.82	80.03	999.00	-1.68	999.00	-1.15	0.00
21	7	28	16	12.70	5.10	15.48	80.11	999.00	5.38	4.72	16.02	80.41	8.20	5.28	20.11	81.80	999.00	-0.96	999.00	-0.86	0.00
21	7	28	17	74.30	6.40	10.38	80.01	999.00	70.10	6.42	10.83	80.52	75.30	5.18	18.48	81.82	999.00	-2.49	999.00	-1.84	0.00
21	7	28	18	103.40	6.28	15.03	80.01	999.00	103.30	6.24	14.15	80.52	105.60	4.71	13.90	81.82	999.00	-2.21	999.00	-1.59	0.00
21	7	28	19	96.70	6.72	6.07	79.29	999.00	92.90	6.46	8.12	79.84	91.20	4.01	14.44	81.35	999.00	-1.91	999.00	-1.27	0.00
21	7	28	20	106.20	7.26	4.01	78.97	999.00	101.30	6.70	5.52	79.42	98.70	2.87	14.41	80.20	999.00	-1.03	999.00	-0.57	0.00
21	7	28	21	124.00	8.57	4.53	999.00	999.00	123.30	8.09	4.40	999.00	124.00	3.02	18.83	79.63	999.00	-0.14	999.00	0.01	0.00
21	7	28	22	122.90	12.27	4.65	78.33	999.00	117.30	10.23	5.20	78.39	108.30	3.34	13.45	78.05	999.00	0.35	999.00	0.16	0.00

21	7	28	23	136.20	11.14	2.24	77.11	999.00	130.30	9.93	3.36	77.17	136.60	3.86	14.88	77.23	999.00	-0.58	999.00	-0.34	0.00
21	7	28	24	152.80	16.52	2.09	76.74	999.00	149.20	13.38	2.04	76.09	167.20	3.84	20.17	75.90	999.00	1.96	999.00	0.79	0.00
21	7	29	1	161.90	15.38	0.87	78.17	999.00	160.10	12.01	2.49	76.27	162.50	3.47	15.87	75.15	999.00	2.48	999.00	1.00	0.00
21	7	29	2	178.70	17.16	3.01	76.96	999.00	171.50	12.74	2.61	75.80	183.70	3.64	13.00	74.63	999.00	2.85	999.00	1.57	0.00
21	7	29	3	212.40	16.48	3.28	76.02	999.00	199.90	12.84	3.26	75.08	194.30	4.44	12.06	73.98	999.00	1.56	999.00	0.85	0.00
21	7	29	4	222.10	17.48	3.83	76.02	999.00	213.60	14.36	4.76	75.08	206.60	6.31	12.97	73.98	999.00	0.35	999.00	0.04	0.04
21	7	29	5	218.50	18.71	3.77	74.44	999.00	214.50	15.02	5.31	74.28	215.60	7.62	11.28	74.50	999.00	-0.61	999.00	-0.48	0.00
21	7	29	6	208.60	15.81	4.82	999.00	999.00	201.70	12.84	6.06	999.00	195.70	4.82	14.66	75.17	999.00	-0.39	999.00	-0.34	0.00
21	7	29	7	206.00	22.57	4.02	999.00	999.00	202.00	19.53	4.91	999.00	203.60	8.92	14.15	75.17	999.00	-0.51	999.00	-0.37	0.00
21	7	29	8	219.30	19.38	3.25	999.00	999.00	215.10	16.22	4.55	999.00	212.90	7.61	12.94	74.90	999.00	-0.70	999.00	-0.37	0.00
21	7	29	9	239.70	22.92	5.67	73.25	999.00	236.30	20.73	6.20	74.41	235.80	13.39	10.82	73.82	999.00	-0.79	999.00	0.55	0.00
21	7	29	10	235.80	19.35	5.52	73.67	999.00	233.40	17.46	6.65	74.19	232.20	11.58	10.31	73.75	999.00	-0.27	999.00	0.20	0.00
21	7	29	11	229.00	19.64	4.20	73.53	999.00	226.40	18.23	4.52	74.00	228.40	12.37	10.62	74.47	999.00	-1.10	999.00	-0.63	0.00
21	7	29	12	243.90	18.72	10.58	75.70	999.00	241.30	17.58	11.02	76.16	239.30	12.05	14.32	76.73	999.00	-2.14	999.00	-1.68	0.00
21	7	29	13	267.90	19.65	8.09	79.81	999.00	264.20	18.44	8.23	80.33	260.40	13.11	12.09	82.35	999.00	-2.49	999.00	-1.95	0.00
21	7	29	14	272.00	19.37	7.95	81.96	999.00	269.60	17.70	8.30	82.46	269.10	11.74	10.91	84.20	999.00	-1.29	999.00	-0.92	0.00
21	7	29	15	262.70	18.58	8.32	81.95	999.00	260.30	16.95	8.62	82.37	257.80	10.83	12.63	83.65	999.00	-1.74	999.00	-1.31	0.00
21	7	29	16	302.70	17.05	5.98	81.85	999.00	300.40	15.77	7.30	82.32	303.90	9.46	13.31	83.72	999.00	-2.39	999.00	-1.91	0.00
21	7	29	17	319.70	16.47	7.06	81.07	999.00	320.40	15.10	8.98	81.48	324.70	10.38	12.57	83.18	999.00	-2.11	999.00	-1.70	0.00
21	7	29	18	309.10	14.31	6.72	81.24	999.00	307.50	14.17	7.08	81.76	308.60	10.59	11.00	84.02	999.00	-2.82	999.00	-2.28	0.00
21	7	29	19	300.90	15.76	4.80	999.00	999.00	298.60	14.72	6.15	999.00	302.20	8.91	12.64	84.20	999.00	-2.55	999.00	-2.04	0.00
21	7	29	20	296.00	13.98	5.28	81.55	999.00	291.60	12.46	6.05	81.86	288.00	7.42	10.97	83.45	999.00	-1.52	999.00	-1.19	0.00
21	7	29	21	292.50	15.87	2.77	81.20	999.00	288.10	13.62	4.73	81.41	282.10	5.38	10.99	81.58	999.00	0.32	999.00	0.53	0.00
21	7	29	22	302.80	15.15	3.80	80.60	999.00	299.00	13.57	4.39	80.82	284.60	5.18	10.38	79.60	999.00	1.03	999.00	1.32	0.00
21	7	29	23	30.48	16.41	12.95	77.78	999.00	26.42	14.63	13.56	78.02	22.01	13.09	18.88	77.68	999.00	-1.69	999.00	-1.21	0.11
21	7	29	24	17.41	16.30	8.10	69.02	999.00	16.36	12.69	8.75	68.92	21.24	11.35	12.28	70.54	999.00	-0.83	999.00	-2.02	0.00
21	7	30	1	20.87	14.60	6.66	70.74	999.00	19.02	12.19	8.28	68.89	22.71	12.47	9.79	71.28	999.00	-1.47	999.00	-3.06	0.00
21	7	30	2	19.87	17.37	5.94	69.92	999.00	18.10	13.53	6.89	69.10	23.93	12.88	10.75	72.25	999.00	-2.95	999.00	-3.15	0.00
21	7	30	3	14.36	16.98	6.43	999.00	999.00	11.20	14.03	7.75	999.00	13.68	12.84	12.19	70.90	999.00	-2.01	999.00	-0.40	0.00
21	7	30	4	16.36	15.45	6.74	69.17	999.00	16.01	12.62	7.68	70.93	18.52	12.13	12.31	72.15	999.00	-2.96	999.00	-1.17	0.00
21	7	30	5	16.42	17.13	4.37	999.00	999.00	14.97	13.74	6.32	999.00	19.90	12.67	10.57	71.97	999.00	-2.50	999.00	-1.13	0.00
21	7	30	6	16.20	16.21	6.71	999.00	999.00	14.87	12.81	8.48	999.00	19.96	12.38	12.35	71.97	999.00	-3.17	999.00	-1.33	0.00
21	7	30	7	13.61	20.62	5.90	67.75	999.00	11.46	16.63	7.34	68.80	13.62	14.27	11.72	70.10	999.00	-1.84	999.00	-1.27	0.00
21	7	30	8	10.91	15.75	8.65	67.77	999.00	8.15	13.54	10.41	68.34	7.66	12.80	12.38	69.66	999.00	-1.85	999.00	-1.28	0.00
21	7	30	9	349.50	16.57	14.45	67.08	999.00	346.80	15.23	14.98	67.63	348.80	12.36	14.37	68.98	999.00	-1.97	999.00	-1.41	0.00
21	7	30	10	349.20	14.37	8.73	66.97	999.00	345.30	13.61	9.11	67.49	342.50	11.93	10.62	68.95	999.00	-2.17	999.00	-1.70	0.00
21	7	30	11	344.70	10.98	10.72	67.41	999.00	341.90	10.81	10.16	67.78	344.90	9.48	9.02	69.43	999.00	-2.06	999.00	-1.70	0.00
21	7	30	12	343.40	11.84	7.61	67.62	999.00	341.90	11.41	7.97	68.07	345.20	10.28	10.98	69.53	999.00	-1.91	999.00	-1.48	0.00
21	7	30	13	337.20	12.07	9.20	67.86	999.00	335.90	12.06	8.73	68.41	340.10	11.09	11.84	69.99	999.00	-1.93	999.00	-1.41	0.00
21	7	30	14	333.60	9.74	12.39	69.05	999.00	329.60	9.50	12.67	69.56	334.60	7.53	21.61	71.40	999.00	-2.74	999.00	-2.24	0.00
21	7	30	15	330.00	9.05	10.99	69.96	999.00	327.30	8.78	11.20	70.36	333.30	7.38	17.89	72.20	999.00	-2.63	999.00	-2.06	0.00
21	7	30	16	350.50	6.23	22.85	70.72	999.00	346.40	6.04	25.13	71.29	345.50	5.84	24.70	73.13	999.00	-2.34	999.00	-1.85	0.00
21	7	30	17	8.62	6.11	16.57	71.62	999.00	10.76	5.77	19.60	72.05	5.52	5.68	21.61	73.35	999.00	-1.63	999.00	-1.24	0.00
21	7	30	18	55.74	6.67	12.75	71.41	999.00	56.20	6.59	12.64	71.89	65.18	4.40	21.96	73.20	999.00	-2.03	999.00	-1.47	0.00
21	7	30	19	83.10	6.17	10.77	70.58	999.00	80.50	5.73	12.75	71.26	86.20	3.21	25.06	72.90	999.00	-2.44	999.00	-1.73	0.00
21	7	30	20	75.50	5.63	7.52	70.40	999.00	70.60	5.51	10.16	70.99	84.60	3.04	24.29	72.10	999.00	-1.54	999.00	-0.96	0.00

21	7	30	21	75.20	6.79	8.86	70.29	999.00	71.90	6.40	9.57	70.84	83.10	2.63	16.62	71.52	999.00	-0.96	999.00	-0.44	0.00
21	7	30	22	66.45	13.81	5.27	999.00	999.00	62.39	13.22	6.41	999.00	62.69	8.46	10.23	70.77	999.00	-1.23	999.00	-0.73	0.00
21	7	30	23	67.82	13.80	5.47	68.32	999.00	63.74	13.31	5.87	68.83	64.13	8.24	12.39	69.58	999.00	-1.17	999.00	-0.67	0.00
21	7	30	24	60.44	13.90	5.20	67.42	999.00	56.64	13.30	5.52	67.92	59.20	8.00	11.85	68.59	999.00	-1.13	999.00	-0.62	0.00
21	7	31	1	75.70	11.59	6.23	67.04	999.00	71.20	10.68	7.39	67.54	76.20	5.07	17.13	68.12	999.00	-0.91	999.00	-0.42	0.00
21	7	31	2	90.00	11.09	7.27	66.82	999.00	85.80	10.61	7.40	67.31	92.40	4.88	16.18	67.80	999.00	-1.16	999.00	-0.67	0.00
21	7	31	3	107.50	9.08	5.45	66.76	999.00	104.50	8.82	5.99	67.30	110.70	4.24	15.35	67.88	999.00	-0.96	999.00	-0.42	0.00
21	7	31	4	157.80	10.63	2.36	65.87	999.00	159.50	10.67	2.19	66.06	185.70	2.92	18.87	65.92	999.00	0.27	999.00	0.41	0.00
21	7	31	5	146.20	10.62	1.56	64.42	999.00	150.40	8.91	1.52	64.47	185.80	2.13	18.00	64.09	999.00	0.41	999.00	0.40	0.00
21	7	31	6	154.90	10.56	1.13	64.44	999.00	160.50	9.46	1.59	64.27	195.60	3.02	14.24	63.50	999.00	1.03	999.00	0.84	0.00
21	7	31	7	159.00	13.47	1.25	63.52	999.00	164.20	11.79	1.39	63.16	191.10	4.01	15.72	62.40	999.00	1.33	999.00	0.86	0.00
21	7	31	8	163.80	12.44	1.83	62.97	999.00	167.70	9.90	2.43	62.60	186.70	2.99	20.26	62.04	999.00	0.28	999.00	0.15	0.00
21	7	31	9	168.30	8.47	7.19	63.18	999.00	165.50	7.28	9.28	63.64	179.00	4.59	17.40	64.15	999.00	-2.14	999.00	-0.99	0.00
21	7	31	10	166.30	7.96	7.64	64.68	999.00	162.50	7.49	7.79	65.96	164.40	4.91	20.46	67.01	999.00	-2.49	999.00	-1.24	0.00
21	7	31	11	175.30	8.94	11.08	66.43	999.00	171.70	8.51	13.21	67.74	173.30	5.01	26.81	69.12	999.00	-2.75	999.00	-1.37	0.00
21	7	31	12	202.20	7.88	13.30	68.31	999.00	202.80	7.36	15.12	69.46	209.50	5.70	26.45	71.10	999.00	-2.87	999.00	-2.10	0.00
21	7	31	13	216.90	9.32	14.47	70.06	999.00	216.80	8.83	15.99	70.76	226.50	6.66	21.80	72.80	999.00	-2.62	999.00	-2.02	0.00
21	7	31	14	204.10	9.24	13.16	70.06	999.00	199.50	8.57	16.66	70.76	213.30	6.61	17.64	72.80	999.00	-2.85	999.00	-2.15	0.00
21	7	31	15	231.60	9.08	14.67	72.52	999.00	230.90	8.70	14.94	73.01	238.70	6.86	12.06	75.18	999.00	-2.20	999.00	-1.75	0.00
21	7	31	16	226.30	11.79	11.12	73.60	999.00	224.00	10.94	12.39	74.08	231.40	8.45	14.93	76.00	999.00	-2.37	999.00	-1.92	0.00
21	7	31	17	229.30	12.18	5.98	74.55	999.00	227.20	11.36	6.82	75.02	231.60	9.08	11.46	77.05	999.00	-2.34	999.00	-1.93	0.00
21	7	31	18	228.50	12.63	12.24	75.31	999.00	226.20	12.09	12.94	75.74	228.30	8.20	16.70	77.53	999.00	-2.08	999.00	-1.65	0.00
21	7	31	19	231.90	12.65	8.04	75.53	999.00	230.30	12.09	9.54	75.94	236.30	8.94	13.68	77.47	999.00	-1.72	999.00	-1.21	0.00
21	7	31	20	242.60	11.95	5.24	999.00	999.00	242.00	11.14	5.05	999.00	248.20	6.18	10.82	76.83	999.00	-0.94	999.00	-0.55	0.00
21	7	31	21	252.90	12.47	1.80	75.01	999.00	248.70	11.30	2.06	75.37	242.70	5.13	5.35	75.18	999.00	0.28	999.00	0.63	0.00
21	7	31	22	256.30	13.49	1.54	74.37	999.00	251.90	11.75	3.79	74.51	229.60	4.57	11.31	73.55	999.00	1.38	999.00	1.47	0.00
21	7	31	23	263.90	14.47	3.85	73.78	999.00	250.90	12.71	5.20	73.41	221.80	4.82	10.40	71.55	999.00	2.48	999.00	2.07	0.00
21	7	31	24	249.80	12.52	7.65	71.88	999.00	235.30	12.19	7.49	71.08	217.70	5.87	10.01	69.36	999.00	2.79	999.00	1.97	0.00
21	8	1	1	260.40	13.74	1.70	70.52	999.00	243.70	12.46	3.77	69.32	241.80	5.74	9.26	67.93	999.00	2.39	999.00	0.93	0.00
21	8	1	2	282.70	14.43	3.90	69.61	999.00	268.40	13.05	3.75	68.52	247.70	5.42	8.23	66.64	999.00	3.04	999.00	2.43	0.00
21	8	1	3	300.60	12.32	1.91	69.16	999.00	289.80	12.68	1.63	68.69	252.80	4.11	9.51	64.96	999.00	4.61	999.00	4.30	0.00
21	8	1	4	278.10	11.42	2.21	67.99	999.00	257.50	10.29	3.02	66.90	221.00	3.47	9.50	64.38	999.00	3.96	999.00	2.84	0.00
21	8	1	5	260.00	13.21	3.43	66.66	999.00	241.40	10.56	4.17	65.46	218.10	6.48	8.60	64.06	999.00	1.91	999.00	0.50	0.00
21	8	1	6	286.90	15.04	6.25	66.21	999.00	269.60	13.14	8.11	64.48	255.60	5.90	10.54	63.29	999.00	3.19	999.00	1.71	0.00
21	8	1	7	256.50	6.63	13.82	65.14	999.00	236.20	7.65	10.27	64.67	206.30	5.90	16.88	63.02	999.00	1.86	999.00	1.18	0.00
21	8	1	8	231.90	11.48	4.32	64.38	999.00	222.20	11.20	3.92	62.40	210.90	6.04	12.98	62.22	999.00	1.80	999.00	-0.43	0.00
21	8	1	9	254.50	8.61	9.97	63.55	999.00	253.50	8.03	11.50	62.23	256.60	6.02	13.18	63.12	999.00	-1.75	999.00	-1.34	0.00
21	8	1	10	305.60	13.41	6.88	63.90	999.00	301.70	13.45	7.22	64.31	302.20	9.58	13.71	65.86	999.00	-2.11	999.00	-1.53	0.00
21	8	1	11	297.40	17.23	6.64	66.21	999.00	294.10	17.37	7.26	66.78	295.00	12.40	13.88	69.08	999.00	-3.08	999.00	-2.51	0.00
21	8	1	12	314.60	16.06	6.96	66.18	999.00	313.50	15.61	6.96	66.77	314.80	11.50	12.58	69.36	999.00	-3.11	999.00	-2.49	0.00
21	8	1	13	310.90	14.69	7.29	67.18	999.00	308.30	14.56	6.80	67.78	310.30	10.86	12.11	70.13	999.00	-2.84	999.00	-2.27	0.00
21	8	1	14	314.90	13.74	8.64	68.61	999.00	313.70	13.56	8.82	69.20	320.80	10.04	15.20	71.70	999.00	-3.07	999.00	-2.48	0.00
21	8	1	15	314.60	18.51	7.65	69.61	999.00	313.20	18.07	8.32	70.23	320.00	13.67	12.73	72.95	999.00	-3.22	999.00	-2.56	0.00
21	8	1	16	304.80	17.60	10.48	70.14	999.00	302.50	17.05	10.66	70.74	306.10	11.64	15.09	73.38	999.00	-3.06	999.00	-2.49	0.00
21	8	1	17	305.20	15.51	9.54	71.19	999.00	303.90	15.44	10.72	71.80	308.50	10.44	15.95	74.23	999.00	-3.18	999.00	-2.60	0.00
21	8	1	18	303.70	16.23	7.48	71.93	999.00	300.20	15.81	9.16	72.50	302.80	10.41	13.32	74.95	999.00	-2.89	999.00	-2.32	0.00

21	8	1	19	347.00	25.75	3.97	69.98	999.00	345.10	24.50	4.67	70.49	345.70	19.32	7.74	72.08	999.00	-1.99	999.00	-1.49	0.00
21	8	1	20	331.60	20.41	5.91	67.32	999.00	330.90	19.70	6.47	67.85	336.30	13.53	9.77	69.19	999.00	-1.78	999.00	-1.23	0.00
21	8	1	21	337.90	16.71	6.31	67.44	999.00	336.40	16.14	6.95	67.99	337.10	10.67	10.39	69.13	999.00	-1.47	999.00	-0.89	0.00
21	8	1	22	331.10	19.29	5.38	67.49	999.00	328.90	18.31	6.15	68.04	332.50	11.83	10.01	68.85	999.00	-1.17	999.00	-0.64	0.00
21	8	1	23	10.35	19.89	12.81	67.52	999.00	8.80	16.77	14.31	68.07	11.10	15.79	17.02	69.10	999.00	-1.82	999.00	-1.26	0.00
21	8	1	24	10.34	19.61	8.59	65.81	999.00	8.80	16.39	9.87	66.38	10.35	15.37	10.88	67.60	999.00	-1.75	999.00	-1.17	0.00
21	8	2	1	11.27	19.40	7.95	64.80	999.00	8.53	16.44	9.28	65.37	9.99	14.98	11.11	66.57	999.00	-1.79	999.00	-1.22	0.00
21	8	2	2	21.05	16.99	6.65	64.20	999.00	19.57	13.41	7.35	64.76	22.83	13.58	10.38	65.97	999.00	-1.75	999.00	-1.18	0.00
21	8	2	3	19.08	17.76	5.68	64.17	999.00	17.20	13.72	7.11	64.72	20.11	13.74	8.90	65.92	999.00	-1.70	999.00	-1.14	0.00
21	8	2	4	24.45	14.91	8.58	64.36	999.00	22.18	12.52	8.87	64.93	26.48	11.40	12.35	66.06	999.00	-1.71	999.00	-1.12	0.00
21	8	2	5	25.92	12.91	8.67	65.14	999.00	25.58	11.24	8.14	65.73	30.89	9.69	12.03	66.62	999.00	-1.40	999.00	-0.81	0.00
21	8	2	6	19.01	13.72	7.54	65.61	999.00	17.05	10.78	7.48	66.19	24.06	9.66	12.15	67.11	999.00	-1.51	999.00	-0.96	0.00
21	8	2	7	352.70	9.21	11.48	65.61	999.00	352.70	8.11	12.04	66.19	351.00	6.21	13.55	67.11	999.00	-1.59	999.00	-0.96	0.00
21	8	2	8	332.20	13.32	5.99	65.47	999.00	330.30	12.86	6.69	66.09	331.40	8.76	11.18	67.12	999.00	-2.18	999.00	-1.48	0.00
21	8	2	9	323.00	12.24	7.37	64.95	999.00	321.40	12.07	7.85	65.69	318.90	8.84	12.97	67.65	999.00	-2.88	999.00	-2.13	0.00
21	8	2	10	340.10	11.44	4.93	64.95	999.00	339.40	11.33	5.51	65.69	342.10	9.96	7.96	67.65	999.00	-2.44	999.00	-2.03	0.00
21	8	2	11	336.00	9.61	10.61	65.95	999.00	335.80	9.18	11.35	66.46	344.80	7.54	15.61	68.41	999.00	-2.45	999.00	-1.94	0.00
21	8	2	12	329.00	9.20	11.82	66.79	999.00	326.40	8.94	11.86	67.29	328.30	7.40	19.49	69.46	999.00	-2.84	999.00	-2.34	0.00
21	8	2	13	327.80	9.05	13.67	67.88	999.00	324.40	8.83	14.96	68.48	328.80	7.06	22.54	70.43	999.00	-2.84	999.00	-2.24	0.00
21	8	2	14	338.20	7.75	11.24	68.88	999.00	335.60	7.30	12.41	69.40	335.70	6.08	24.37	71.12	999.00	-2.59	999.00	-1.95	0.00
21	8	2	15	342.60	7.00	15.50	70.11	999.00	336.90	6.83	12.59	70.56	340.20	6.38	18.86	72.18	999.00	-2.39	999.00	-1.79	0.00
21	8	2	16	35.58	4.96	19.85	71.27	999.00	33.26	4.93	16.44	71.64	22.39	5.15	24.27	73.43	999.00	-1.84	999.00	-1.33	0.00
21	8	2	17	93.00	4.87	16.37	71.57	999.00	94.20	4.89	14.62	72.16	104.90	3.58	25.26	73.66	999.00	-2.75	999.00	-2.09	0.00
21	8	2	18	104.10	5.87	12.05	999.00	999.00	106.20	5.60	13.11	999.00	122.60	3.84	22.96	73.87	999.00	-2.38	999.00	-1.87	0.00
21	8	2	19	104.60	7.40	6.07	71.34	999.00	100.20	7.11	6.44	71.97	110.30	4.66	17.26	73.73	999.00	-2.06	999.00	-1.70	0.00
21	8	2	20	125.80	6.38	6.65	71.60	999.00	126.30	5.75	7.60	72.07	129.80	3.11	17.49	73.26	999.00	-1.33	999.00	-0.76	0.00
21	8	2	21	142.80	8.82	2.28	71.11	999.00	141.40	8.65	2.30	71.55	167.90	1.60	24.00	71.15	999.00	0.74	999.00	1.20	0.00
21	8	2	22	161.60	9.31	2.93	70.84	999.00	159.20	8.70	5.33	71.04	158.40	1.08	33.58	68.56	999.00	2.79	999.00	2.90	0.00
21	8	2	23	167.00	10.78	1.53	70.76	999.00	162.30	11.36	0.97	70.92	195.40	3.23	13.12	67.60	999.00	3.27	999.00	3.21	0.00
21	8	2	24	160.40	11.05	1.52	70.12	999.00	155.20	11.66	1.09	70.22	172.40	1.80	22.60	66.30	999.00	3.83	999.00	4.00	0.00
21	8	3	1	170.20	8.48	1.22	70.06	999.00	165.60	9.19	1.66	69.99	212.40	3.48	6.93	65.77	999.00	4.49	999.00	4.18	0.00
21	8	3	2	185.10	8.98	1.17	69.57	999.00	176.90	10.12	1.03	69.13	215.40	4.64	6.00	65.10	999.00	4.79	999.00	4.20	0.00
21	8	3	3	178.70	9.51	1.05	68.82	999.00	176.80	9.95	2.03	68.00	197.70	2.70	9.43	63.95	999.00	5.56	999.00	4.93	0.00
21	8	3	4	178.10	8.37	1.91	68.46	999.00	176.90	9.07	1.44	67.44	170.20	2.37	12.83	62.60	999.00	5.59	999.00	3.98	0.00
21	8	3	5	187.20	7.97	4.12	68.31	999.00	181.50	8.78	5.12	67.27	193.90	3.60	12.85	62.03	999.00	5.67	999.00	4.33	0.00
21	8	3	6	189.10	7.44	12.20	66.31	999.00	209.80	5.79	13.85	65.09	136.00	2.00	31.45	61.00	999.00	3.63	999.00	2.60	0.00
21	8	3	7	192.40	9.10	2.75	65.92	999.00	209.00	8.83	2.96	64.40	213.00	3.88	8.13	60.65	999.00	4.64	999.00	3.46	0.00
21	8	3	8	191.70	7.29	1.69	65.45	999.00	189.00	7.81	2.31	64.84	218.40	4.03	6.86	62.37	999.00	2.70	999.00	2.24	0.00
21	8	3	9	183.50	9.22	2.17	66.46	999.00	191.30	7.29	4.56	65.47	202.10	4.25	17.45	65.62	999.00	0.14	999.00	-1.03	0.00
21	8	3	10	208.30	5.57	10.23	66.65	999.00	204.50	5.19	12.25	67.13	201.40	4.18	22.12	68.39	999.00	-2.39	999.00	-1.63	0.00
21	8	3	11	224.10	3.75	26.07	69.17	999.00	228.80	3.73	16.21	69.72	239.60	3.39	31.15	71.53	999.00	-2.29	999.00	-1.85	0.00
21	8	3	12	354.60	2.55	32.12	71.96	999.00	354.40	2.31	31.60	72.74	11.29	3.08	15.24	74.20	999.00	-1.56	999.00	-0.76	0.00
21	8	3	13	31.09	6.48	14.12	73.25	999.00	29.16	6.40	14.37	73.73	26.87	7.10	22.50	74.32	999.00	-0.93	999.00	-0.62	0.00
21	8	3	14	47.44	9.02	11.51	72.67	999.00	42.23	8.89	10.38	73.04	44.38	7.94	15.89	74.45	999.00	-1.92	999.00	-1.46	0.00
21	8	3	15	64.64	6.46	7.73	71.60	999.00	58.34	6.34	8.46	72.20	62.34	4.90	18.28	73.47	999.00	-1.93	999.00	-1.26	0.00
21	8	3	16	83.80	6.15	15.54	72.47	999.00	82.30	6.32	19.68	73.10	89.30	4.23	31.02	74.93	999.00	-2.71	999.00	-2.07	0.00

21	8	3	17	101.30	2.79	16.97	73.57	999.00	90.60	2.52	23.27	74.14	80.60	2.19	45.99	76.00	999.00	-2.43	999.00	-1.85	0.00
21	8	3	18	60.18	7.41	5.20	74.28	999.00	56.70	7.55	5.42	74.93	66.67	5.57	16.23	76.52	999.00	-2.16	999.00	-1.48	0.00
21	8	3	19	65.66	7.40	4.49	73.54	999.00	61.13	7.45	4.57	74.25	64.99	5.68	10.79	75.80	999.00	-2.09	999.00	-1.52	0.00
21	8	3	20	70.10	6.19	5.67	73.49	999.00	65.40	5.84	7.16	74.04	72.30	2.86	16.69	74.95	999.00	-1.04	999.00	-0.49	0.00
21	8	3	21	83.20	6.00	4.09	73.26	999.00	79.50	5.77	3.49	73.74	86.80	2.38	7.86	73.57	999.00	-0.14	999.00	0.35	0.00
21	8	3	22	104.40	4.38	4.20	73.29	999.00	102.90	4.23	4.89	73.80	194.00	0.69	14.91	71.22	999.00	3.30	999.00	3.80	0.00
21	8	3	23	123.20	4.28	2.15	73.25	999.00	126.60	4.15	1.82	73.61	162.60	3.03	5.09	70.13	999.00	2.78	999.00	3.08	0.00
21	8	3	24	116.70	6.86	1.67	72.50	999.00	117.90	7.47	1.82	72.84	141.60	2.47	7.64	68.95	999.00	3.03	999.00	3.40	0.00
21	8	4	1	135.60	5.26	4.85	72.23	999.00	134.30	5.89	2.25	72.47	183.50	2.65	5.01	68.66	999.00	4.64	999.00	4.53	0.00
21	8	4	2	128.50	5.62	3.22	71.63	999.00	134.40	5.39	2.33	71.51	198.40	2.63	7.12	66.65	999.00	4.84	999.00	4.91	0.00
21	8	4	3	145.40	7.83	2.90	71.05	999.00	145.20	10.05	2.69	70.59	162.20	3.02	10.88	65.08	999.00	6.51	999.00	6.01	0.00
21	8	4	4	156.30	8.01	0.85	70.47	999.00	154.80	8.66	1.42	69.72	197.80	2.84	7.83	64.01	999.00	6.15	999.00	5.77	0.00
21	8	4	5	156.10	4.97	0.62	70.38	999.00	160.40	5.62	1.68	69.72	241.80	1.25	8.61	63.07	999.00	7.86	999.00	7.19	0.00
21	8	4	6	179.90	4.98	3.90	69.80	999.00	197.50	6.00	13.28	68.83	238.40	2.95	8.84	62.24	999.00	6.75	999.00	5.37	0.00
21	8	4	7	177.50	6.31	2.67	67.38	999.00	213.40	4.96	6.39	66.08	217.60	2.49	7.06	61.70	999.00	5.23	999.00	3.96	0.00
21	8	4	8	240.30	4.00	12.31	67.40	999.00	269.30	4.96	8.24	66.68	266.20	1.93	10.45	63.79	999.00	2.89	999.00	2.78	0.00
21	8	4	9	189.50	4.14	11.11	68.54	999.00	192.10	3.94	10.20	68.36	202.20	3.07	14.12	67.85	999.00	-0.85	999.00	-0.49	0.00
21	8	4	10	194.60	4.12	14.79	68.70	999.00	189.50	3.90	15.96	69.68	209.70	3.63	24.60	70.71	999.00	-2.37	999.00	-1.09	0.00
21	8	4	11	169.30	2.76	42.06	70.82	999.00	162.50	2.28	51.75	71.92	91.40	1.54	79.40	73.45	999.00	-3.16	999.00	-1.29	0.00
21	8	4	12	38.86	4.37	18.45	73.66	999.00	31.55	4.02	15.87	74.75	25.34	4.41	22.66	75.32	999.00	-1.09	999.00	-0.43	0.00
21	8	4	13	41.43	5.16	14.83	73.94	999.00	39.09	5.45	13.59	74.42	41.86	5.80	14.59	75.25	999.00	-1.36	999.00	-1.07	0.00
21	8	4	14	45.96	5.44	13.90	74.14	999.00	38.66	5.78	12.03	74.63	41.11	5.59	16.59	75.72	999.00	-1.51	999.00	-1.16	0.00
21	8	4	15	68.21	6.56	11.95	74.19	999.00	62.82	6.21	13.85	74.77	57.12	4.43	31.78	76.50	999.00	-2.65	999.00	-1.83	0.00
21	8	4	16	71.80	7.22	9.14	74.27	999.00	72.30	7.37	7.93	74.94	80.50	5.93	16.14	77.07	999.00	-2.73	999.00	-2.10	0.00
21	8	4	17	80.60	6.79	12.88	999.00	999.00	80.30	6.44	13.18	999.00	89.50	4.85	26.83	77.23	999.00	-2.52	999.00	-1.83	0.00
21	8	4	18	88.10	8.20	11.02	999.00	999.00	85.40	7.48	13.07	999.00	88.00	5.43	23.98	77.37	999.00	-2.39	999.00	-1.91	0.00
21	8	4	19	100.50	8.54	5.70	74.96	999.00	97.60	8.15	8.16	75.51	98.00	4.58	15.82	77.13	999.00	-1.83	999.00	-1.47	0.00
21	8	4	20	115.00	8.55	4.72	74.94	999.00	112.40	7.77	6.52	75.36	112.90	4.06	12.63	76.28	999.00	-0.96	999.00	-0.58	0.00
21	8	4	21	132.30	6.36	3.75	74.26	999.00	138.40	5.30	4.86	74.52	191.70	1.52	14.54	74.35	999.00	0.15	999.00	0.31	0.00
21	8	4	22	128.10	7.86	1.99	73.82	999.00	128.00	8.17	2.32	74.28	176.60	1.76	15.45	71.60	999.00	3.21	999.00	3.71	0.00
21	8	4	23	141.60	5.93	2.45	73.50	999.00	146.50	5.72	4.65	73.76	151.60	2.88	6.01	70.60	999.00	2.10	999.00	2.20	0.00
21	8	4	24	138.80	7.21	3.14	73.11	999.00	138.40	7.57	2.24	73.37	157.70	2.19	18.49	70.14	999.00	2.97	999.00	3.28	0.00
21	8	5	1	138.90	9.45	2.04	73.11	999.00	140.90	9.78	2.03	73.37	187.10	1.84	26.24	70.14	999.00	4.78	999.00	4.89	0.00
21	8	5	2	147.40	8.84	1.41	71.78	999.00	154.30	8.31	2.03	71.36	215.00	2.27	8.13	66.71	999.00	5.51	999.00	4.49	0.00
21	8	5	3	161.70	7.05	1.46	71.72	999.00	162.90	7.39	2.39	71.14	170.70	2.88	9.22	65.88	999.00	5.10	999.00	4.68	0.00
21	8	5	4	171.30	5.74	1.52	71.66	999.00	167.40	6.65	1.62	70.82	162.40	2.86	7.89	65.37	999.00	6.63	999.00	5.81	0.00
21	8	5	5	171.50	6.67	0.94	71.46	999.00	170.30	8.16	1.92	70.42	197.60	3.14	10.66	64.40	999.00	7.40	999.00	6.03	0.00
21	8	5	6	189.40	7.90	0.88	71.46	999.00	181.80	9.72	1.29	70.42	188.50	3.41	9.20	64.40	999.00	7.60	999.00	6.10	0.00
21	8	5	7	212.70	6.82	1.40	69.67	999.00	207.20	8.63	1.14	68.37	223.40	3.08	18.48	62.11	999.00	7.35	999.00	5.80	0.00
21	8	5	8	225.90	6.95	2.13	70.14	999.00	219.50	8.90	2.29	68.13	245.30	3.36	10.41	63.18	999.00	6.32	999.00	3.88	0.00
21	8	5	9	215.30	8.54	2.29	70.14	999.00	213.80	8.26	4.09	68.13	219.00	5.25	12.70	63.18	999.00	3.07	999.00	0.43	0.00
21	8	5	10	207.50	6.22	13.54	67.90	999.00	209.70	6.06	10.24	67.55	223.30	5.88	13.34	68.94	999.00	-2.12	999.00	-1.69	0.00
21	8	5	11	207.70	5.08	6.76	70.84	999.00	211.90	4.70	11.43	71.41	235.30	4.80	13.66	72.95	999.00	-2.01	999.00	-1.50	0.00
21	8	5	12	229.40	4.86	16.44	74.24	999.00	230.00	4.72	14.85	74.78	242.90	3.66	21.25	76.57	999.00	-2.59	999.00	-2.04	0.00
21	8	5	13	357.70	6.24	46.81	76.25	999.00	353.50	5.60	52.88	76.78	353.70	5.90	51.22	78.67	999.00	-1.99	999.00	-1.55	0.00
21	8	5	14	87.30	8.49	9.16	76.07	999.00	82.50	8.62	9.59	76.82	91.90	6.55	18.85	78.65	999.00	-2.81	999.00	-2.17	0.00

21	8	5	15	90.40	9.61	7.00	76.00	999.00	85.30	9.51	8.92	76.69	85.60	6.65	19.13	78.75	999.00	-2.84	999.00	-2.14	0.00
21	8	5	16	90.60	11.04	6.51	76.42	999.00	83.80	10.51	9.94	77.03	89.20	6.94	18.52	79.15	999.00	-2.88	999.00	-2.26	0.00
21	8	5	17	90.40	11.57	5.51	76.72	999.00	82.80	10.89	7.77	77.34	89.70	6.18	18.03	79.50	999.00	-2.64	999.00	-2.05	0.00
21	8	5	18	95.00	10.63	10.29	77.20	999.00	84.70	9.72	10.95	77.69	86.90	5.55	16.84	79.33	999.00	-2.08	999.00	-1.68	0.00
21	8	5	19	149.10	9.09	8.28	78.53	999.00	146.20	8.63	9.33	79.12	152.30	4.26	22.93	80.38	999.00	-1.92	999.00	-1.26	0.00
21	8	5	20	149.40	8.65	6.13	78.34	999.00	148.30	7.71	7.60	78.84	154.80	4.08	23.56	79.60	999.00	-0.97	999.00	-0.57	0.00
21	8	5	21	167.90	9.08	2.95	77.97	999.00	156.90	8.51	4.30	78.11	146.30	1.89	19.11	76.82	999.00	1.98	999.00	2.19	0.00
21	8	5	22	157.30	12.06	2.78	77.13	999.00	148.20	11.11	3.17	76.87	138.80	2.65	15.83	74.80	999.00	2.98	999.00	2.21	0.00
21	8	5	23	174.20	12.14	1.36	77.16	999.00	161.40	11.35	0.66	76.40	152.50	1.97	21.49	72.75	999.00	5.20	999.00	4.58	0.00
21	8	5	24	166.00	14.17	0.73	76.98	999.00	158.30	14.67	2.05	76.13	173.30	2.36	15.14	71.53	999.00	6.06	999.00	5.24	0.00
21	8	6	1	156.50	17.05	1.30	76.88	999.00	152.40	16.10	1.18	75.38	164.90	2.68	16.13	70.21	999.00	6.45	999.00	4.57	0.00
21	8	6	2	158.30	14.88	0.41	76.96	999.00	151.80	16.05	0.96	75.41	162.80	2.31	20.91	69.64	999.00	7.65	999.00	6.69	0.00
21	8	6	3	163.70	15.57	0.82	76.75	999.00	157.80	14.35	0.87	74.96	165.40	2.46	15.34	69.74	999.00	7.63	999.00	3.80	0.00
21	8	6	4	166.50	17.82	1.48	76.67	999.00	159.20	15.37	1.45	73.42	168.20	3.18	15.48	69.84	999.00	6.95	999.00	3.56	0.00
21	8	6	5	175.80	17.48	1.94	74.28	999.00	170.60	14.73	1.43	72.27	167.40	3.57	14.83	69.34	999.00	4.23	999.00	3.11	0.00
21	8	6	6	174.60	18.84	2.13	70.46	999.00	167.90	14.28	2.72	70.06	170.60	3.82	18.36	68.31	999.00	1.82	999.00	1.00	0.00
21	8	6	7	183.40	17.39	2.94	69.53	999.00	176.80	13.73	3.59	68.57	185.50	3.58	14.03	67.22	999.00	1.79	999.00	1.36	0.00
21	8	6	8	192.40	16.69	2.76	68.44	999.00	186.10	12.67	3.83	67.89	189.10	3.54	18.91	67.25	999.00	0.79	999.00	0.14	0.00
21	8	6	9	198.40	10.49	7.16	68.44	999.00	198.00	8.86	9.85	68.73	207.70	6.03	16.15	69.77	999.00	-2.33	999.00	-1.72	0.00
21	8	6	10	204.50	9.82	6.39	70.80	999.00	201.50	9.11	8.26	71.41	210.40	7.25	14.29	73.05	999.00	-2.31	999.00	-1.76	0.00
21	8	6	11	202.50	12.77	6.09	73.36	999.00	200.30	12.06	8.02	73.85	207.90	7.58	17.81	75.63	999.00	-2.55	999.00	-2.08	0.00
21	8	6	12	213.90	19.08	5.17	76.10	999.00	212.60	18.14	5.64	76.53	217.70	12.29	11.95	78.65	999.00	-2.56	999.00	-2.19	0.00
21	8	6	13	223.40	20.14	5.32	77.44	999.00	221.50	19.19	5.14	77.85	224.50	14.07	9.62	79.95	999.00	-2.16	999.00	-1.77	0.00
21	8	6	14	227.00	18.80	10.88	78.07	999.00	224.80	17.55	11.99	78.52	230.30	12.14	16.92	80.53	999.00	-2.83	999.00	-2.37	0.00
21	8	6	15	229.40	15.24	13.10	78.68	999.00	227.70	14.42	13.93	79.13	229.80	9.92	15.13	81.05	999.00	-2.29	999.00	-1.80	0.00
21	8	6	16	219.90	19.24	11.13	79.69	999.00	218.50	18.35	12.20	80.12	223.80	11.90	16.59	82.28	999.00	-2.54	999.00	-2.11	0.00
21	8	6	17	216.70	18.18	7.96	80.15	999.00	214.90	17.19	9.04	80.56	217.00	12.39	15.94	82.57	999.00	-2.20	999.00	-1.79	0.00
21	8	6	18	212.40	16.33	5.80	999.00	999.00	210.00	15.24	6.30	999.00	213.80	9.99	15.30	82.30	999.00	-1.89	999.00	-1.61	0.00
21	8	6	19	211.30	14.14	5.45	999.00	999.00	209.30	13.17	6.12	999.00	211.80	7.66	12.32	81.60	999.00	-1.34	999.00	-0.91	0.00
21	8	6	20	206.00	12.03	6.52	79.83	999.00	202.90	10.71	6.72	80.21	196.70	4.32	13.85	80.35	999.00	-0.12	999.00	0.19	0.00
21	8	6	21	202.20	14.41	2.63	79.13	999.00	195.60	11.93	2.15	79.34	180.10	3.36	9.49	78.15	999.00	1.89	999.00	1.98	0.00
21	8	6	22	188.20	20.85	1.87	79.13	999.00	180.90	17.16	2.57	79.34	178.50	5.52	15.06	78.15	999.00	2.84	999.00	1.94	0.00
21	8	6	23	197.10	20.74	2.47	77.04	999.00	192.30	17.37	3.10	76.59	185.90	6.29	13.11	74.80	999.00	2.04	999.00	1.73	0.00
21	8	6	24	216.50	20.15	3.40	999.00	999.00	213.00	15.76	4.95	999.00	211.30	6.61	12.09	74.37	999.00	1.38	999.00	0.61	0.00
21	8	7	1	241.10	11.63	7.12	74.45	999.00	236.60	9.34	9.76	73.98	214.00	3.76	15.19	73.40	999.00	0.16	999.00	0.34	0.00
21	8	7	2	192.50	9.67	2.84	72.72	999.00	182.80	11.67	2.95	72.68	167.30	4.14	17.37	71.47	999.00	2.32	999.00	1.94	0.00
21	8	7	3	216.80	8.78	3.18	72.67	999.00	212.60	9.95	4.26	72.21	193.30	3.92	12.37	70.21	999.00	2.28	999.00	2.34	0.00
21	8	7	4	195.80	7.39	3.15	999.00	999.00	193.90	8.89	2.75	999.00	180.60	4.25	8.86	70.47	999.00	3.47	999.00	3.08	0.00
21	8	7	5	215.90	13.35	2.02	73.44	999.00	209.50	13.00	1.22	72.79	189.40	3.81	8.32	69.50	999.00	4.17	999.00	3.23	0.00
21	8	7	6	205.10	12.84	2.19	73.44	999.00	186.30	11.94	2.06	72.79	165.60	4.13	14.68	69.50	999.00	2.96	999.00	1.83	0.00
21	8	7	7	217.60	13.19	6.71	71.17	999.00	202.40	10.68	8.06	70.23	204.90	3.67	18.05	68.90	999.00	1.45	999.00	0.77	0.00
21	8	7	8	221.90	11.34	2.88	71.17	999.00	209.20	10.87	3.76	70.23	186.70	4.23	13.51	68.90	999.00	0.27	999.00	0.38	0.00
21	8	7	9	229.60	8.41	5.91	69.04	999.00	225.40	8.03	5.82	69.41	227.80	6.50	10.74	70.63	999.00	-2.15	999.00	-1.59	0.00
21	8	7	10	238.20	8.04	8.83	70.78	999.00	233.40	7.72	9.52	71.28	229.40	6.08	14.88	73.23	999.00	-2.54	999.00	-2.06	0.00
21	8	7	11	232.30	9.41	14.11	72.70	999.00	228.30	9.03	13.40	73.18	230.60	7.32	20.29	75.28	999.00	-2.78	999.00	-2.31	0.00
21	8	7	12	263.10	6.32	25.13	74.13	999.00	259.70	6.29	25.92	74.61	265.70	5.06	37.90	76.75	999.00	-2.77	999.00	-2.26	0.00

21	8	7	13	225.90	6.84	11.84	75.57	999.00	224.60	6.68	14.84	76.08	222.80	5.48	18.51	78.18	999.00	-2.51	999.00	-2.04	0.00
21	8	7	14	347.50	6.84	10.25	76.28	999.00	346.20	7.07	10.31	76.56	357.70	7.63	11.40	77.88	999.00	-1.17	999.00	-0.94	0.00
21	8	7	15	6.07	6.43	72.10	76.09	999.00	10.37	5.72	70.00	76.39	29.57	6.07	56.68	77.32	999.00	-0.61	999.00	-0.53	0.19
21	8	7	16	32.58	6.81	8.67	72.14	999.00	42.02	7.17	9.42	71.78	68.49	5.53	10.35	75.38	999.00	-4.00	999.00	-4.00	0.00
21	8	7	17	355.30	4.61	19.12	75.23	999.00	0.86	4.15	19.94	999.00	15.30	4.38	20.31	79.03	999.00	-4.00	999.00	-4.00	0.00
21	8	7	18	79.70	4.13	20.12	77.15	999.00	77.00	3.88	18.22	76.50	85.20	3.24	23.29	80.55	999.00	-3.64	999.00	-4.00	0.00
21	8	7	19	96.20	5.22	63.35	77.03	999.00	91.80	4.60	55.30	77.40	92.20	2.84	55.26	80.22	999.00	-2.76	999.00	-2.39	0.00
21	8	7	20	197.20	9.29	8.02	75.78	999.00	193.50	8.76	7.81	76.35	195.30	4.64	14.67	77.02	999.00	-0.94	999.00	-0.46	0.00
21	8	7	21	191.30	11.88	2.96	74.47	999.00	188.20	10.70	3.30	74.92	188.00	4.40	11.96	74.60	999.00	0.37	999.00	0.76	0.00
21	8	7	22	194.60	11.98	5.04	73.01	999.00	189.70	10.54	5.21	73.37	188.80	4.28	13.07	72.50	999.00	0.68	999.00	0.99	0.00
21	8	7	23	207.90	13.69	4.75	70.93	999.00	204.10	11.06	5.63	71.18	207.10	4.40	14.84	70.06	999.00	0.88	999.00	1.05	0.00
21	8	7	24	202.50	13.41	3.85	70.57	999.00	192.00	10.61	4.74	70.21	189.50	3.84	11.54	69.46	999.00	0.60	999.00	0.39	0.00
21	8	8	1	225.30	17.32	1.61	70.14	999.00	219.70	13.87	1.80	69.91	203.40	5.56	11.73	69.28	999.00	1.03	999.00	0.73	0.00
21	8	8	2	224.40	13.69	4.91	69.28	999.00	212.70	11.85	6.50	69.21	194.70	4.61	12.40	68.63	999.00	0.65	999.00	0.55	0.00
21	8	8	3	222.30	12.18	2.57	69.86	999.00	207.40	11.28	3.09	68.80	182.20	4.38	11.04	67.90	999.00	2.16	999.00	1.11	0.00
21	8	8	4	223.80	15.20	1.11	70.12	999.00	214.90	13.41	1.49	69.31	201.70	4.38	14.51	67.05	999.00	2.28	999.00	2.05	0.00
21	8	8	5	209.30	13.25	5.47	69.41	999.00	192.20	13.53	7.33	68.80	179.70	5.42	10.88	66.70	999.00	2.75	999.00	1.73	0.00
21	8	8	6	209.70	16.22	1.90	69.30	999.00	195.20	15.09	2.12	67.44	194.00	5.54	14.51	66.36	999.00	2.83	999.00	0.69	0.00
21	8	8	7	208.30	16.32	4.80	68.81	999.00	198.40	13.74	4.50	67.59	193.80	5.91	14.26	67.03	999.00	0.48	999.00	0.08	0.00
21	8	8	8	209.40	16.43	3.09	68.44	999.00	196.80	13.23	3.36	67.65	192.20	5.81	11.38	67.82	999.00	0.58	999.00	-0.22	0.00
21	8	8	9	204.30	14.99	4.36	68.84	999.00	195.50	12.01	5.12	68.51	197.30	5.59	13.80	69.15	999.00	-0.88	999.00	-1.11	0.00
21	8	8	10	234.00	10.07	7.82	71.14	999.00	228.20	9.15	7.37	71.32	226.40	7.03	12.93	72.90	999.00	-1.80	999.00	-1.53	0.00
21	8	8	11	224.80	8.51	7.60	74.38	999.00	221.40	7.90	8.68	74.83	225.10	6.17	13.23	76.67	999.00	-2.42	999.00	-1.93	0.00
21	8	8	12	222.90	10.53	6.13	77.67	999.00	222.00	9.94	7.35	78.11	231.00	7.30	14.16	80.02	999.00	-2.35	999.00	-1.93	0.00
21	8	8	13	216.30	9.50	9.00	79.68	999.00	214.10	9.18	11.03	80.16	216.90	7.06	16.75	82.25	999.00	-2.33	999.00	-1.88	0.00
21	8	8	14	188.60	11.78	7.61	81.09	999.00	185.70	11.38	8.47	81.68	179.90	6.78	18.21	83.47	999.00	-2.51	999.00	-1.54	0.00
21	8	8	15	190.80	14.05	10.07	82.33	999.00	189.20	13.45	11.28	83.08	192.50	6.97	21.83	84.82	999.00	-2.51	999.00	-1.76	0.00
21	8	8	16	182.20	13.62	7.84	82.91	999.00	181.20	12.89	9.01	83.61	187.30	7.56	16.70	85.35	999.00	-2.31	999.00	-1.52	0.00
21	8	8	17	172.50	19.27	4.77	83.02	999.00	169.60	18.29	5.53	83.80	176.50	9.23	17.60	85.00	999.00	-1.71	999.00	-0.98	0.00
21	8	8	18	181.00	16.12	7.73	82.98	999.00	177.50	15.06	8.40	83.66	184.40	8.11	16.93	84.65	999.00	-1.73	999.00	-1.05	0.00
21	8	8	19	186.40	14.74	8.00	83.58	999.00	184.50	13.45	9.24	84.25	190.30	6.51	17.13	85.18	999.00	-1.37	999.00	-0.90	0.00
21	8	8	20	175.00	12.58	3.39	83.17	999.00	171.60	11.22	4.80	83.65	178.50	3.77	16.40	84.03	999.00	-0.43	999.00	-0.02	0.00
21	8	8	21	182.90	14.95	1.57	81.92	999.00	179.90	13.29	1.89	82.14	180.60	4.29	13.37	81.40	999.00	1.08	999.00	1.20	0.00
21	8	8	22	185.00	18.72	1.52	81.34	999.00	180.00	15.32	2.29	81.10	182.70	4.27	11.91	79.43	999.00	2.08	999.00	1.77	0.00
21	8	8	23	191.10	20.26	2.33	80.48	999.00	186.90	16.32	2.97	80.13	185.30	5.31	12.41	78.47	999.00	2.26	999.00	1.82	0.00
21	8	8	24	187.90	20.98	2.74	79.85	999.00	182.10	17.05	3.11	79.52	182.10	5.88	13.20	78.18	999.00	1.85	999.00	1.41	0.00
21	8	9	1	182.20	22.01	2.04	78.94	999.00	176.20	17.97	3.07	78.44	183.60	6.61	14.03	77.07	999.00	1.70	999.00	1.28	0.00
21	8	9	2	193.70	19.95	3.09	76.96	999.00	190.30	16.93	4.03	76.80	194.40	6.37	16.11	76.18	999.00	0.15	999.00	0.24	0.00
21	8	9	3	191.30	18.62	2.15	76.96	999.00	186.80	15.33	3.08	76.80	192.20	4.95	15.28	76.18	999.00	0.66	999.00	0.46	0.00
21	8	9	4	181.30	17.44	2.04	74.58	999.00	174.90	13.78	2.82	74.19	189.60	3.96	15.46	73.55	999.00	1.51	999.00	0.99	0.00
21	8	9	5	183.90	18.37	2.13	999.00	999.00	176.90	14.43	2.82	999.00	175.90	3.74	16.30	72.83	999.00	1.57	999.00	0.95	0.00
21	8	9	6	180.80	17.50	2.70	999.00	999.00	173.60	13.45	3.94	999.00	178.60	3.43	17.85	72.83	999.00	0.94	999.00	0.50	0.00
21	8	9	7	171.00	17.63	2.40	73.26	999.00	158.50	14.40	3.55	72.65	154.80	4.59	17.22	71.95	999.00	1.38	999.00	0.60	0.00
21	8	9	8	170.50	16.91	2.72	73.01	999.00	162.80	14.50	3.30	72.61	166.90	4.78	22.34	72.57	999.00	-0.14	999.00	-0.22	0.00
21	8	9	9	168.40	13.26	4.75	73.49	999.00	160.80	11.32	5.86	73.86	166.50	5.49	19.29	74.45	999.00	-1.62	999.00	-0.92	0.00
21	8	9	10	170.20	12.78	5.40	75.78	999.00	165.60	11.94	6.93	76.86	174.50	6.66	20.39	78.07	999.00	-2.43	999.00	-1.28	0.00

21	8	9	11	170.80	12.97	8.25	78.85	999.00	166.90	12.12	10.15	80.00	173.30	6.35	22.34	81.30	999.00	-2.56	999.00	-1.37	0.00
21	8	9	12	162.90	16.78	6.48	80.96	999.00	158.70	16.32	7.27	81.99	166.40	7.91	21.78	83.55	999.00	-2.58	999.00	-1.57	0.00
21	8	9	13	169.00	16.93	8.96	82.52	999.00	166.60	16.16	9.96	83.51	174.20	8.32	19.53	84.95	999.00	-2.02	999.00	-1.16	0.00
21	8	9	14	164.60	20.96	6.53	82.69	999.00	160.70	19.68	6.37	83.41	169.20	8.40	20.38	84.45	999.00	-1.46	999.00	-0.83	0.00
21	8	9	15	252.20	24.04	8.28	76.89	999.00	254.80	22.08	8.34	77.37	265.80	13.42	12.34	77.45	999.00	0.05	999.00	1.05	0.00
21	8	9	16	181.90	10.08	41.16	76.89	999.00	166.50	8.79	43.95	77.37	137.20	4.36	46.47	77.45	999.00	2.06	999.00	-0.19	0.00
21	8	9	17	175.60	8.18	15.69	73.71	999.00	159.50	6.70	15.29	72.10	147.40	2.33	34.55	73.68	999.00	-0.99	999.00	-1.59	0.09
21	8	9	18	165.60	11.25	7.18	74.47	999.00	157.10	9.42	7.49	73.03	149.40	3.08	25.18	74.55	999.00	-0.35	999.00	-1.78	0.00
21	8	9	19	164.80	20.38	4.66	74.69	999.00	162.70	18.58	5.84	73.12	171.10	8.29	20.11	75.53	999.00	-0.20	999.00	-2.79	0.00
21	8	9	20	160.70	18.94	4.79	73.00	999.00	157.00	17.00	5.85	73.34	164.80	6.18	22.59	74.35	999.00	-1.52	999.00	-1.10	0.00
21	8	9	21	160.50	18.24	3.56	71.95	999.00	156.60	15.62	5.44	72.36	165.80	5.71	21.05	73.25	999.00	-0.96	999.00	-0.64	0.00
21	8	9	22	174.20	17.50	3.51	72.39	999.00	169.90	15.02	4.62	72.61	181.00	5.58	17.56	73.23	999.00	-0.82	999.00	-0.60	0.00
21	8	9	23	188.80	18.71	3.37	73.02	999.00	185.80	16.39	4.71	73.26	192.70	6.87	14.38	73.65	999.00	-0.70	999.00	-0.41	0.00
21	8	9	24	181.70	19.14	4.55	72.67	999.00	178.10	16.89	5.68	72.97	185.20	7.84	16.83	73.45	999.00	-0.69	999.00	-0.37	0.00
21	8	10	1	190.40	18.56	4.69	71.73	999.00	187.50	16.46	5.58	72.09	193.80	7.27	15.52	72.45	999.00	-0.79	999.00	-0.40	0.00
21	8	10	2	185.40	21.07	4.63	71.36	999.00	180.50	18.14	6.35	71.72	186.40	9.38	14.58	72.38	999.00	-1.62	999.00	-1.26	0.00
21	8	10	3	177.60	20.48	4.40	999.00	999.00	174.30	18.04	4.97	999.00	181.70	8.67	16.78	72.90	999.00	-1.48	999.00	-1.13	0.00
21	8	10	4	191.30	18.56	5.17	70.26	999.00	187.10	15.63	6.75	70.15	192.70	8.05	14.56	71.38	999.00	-0.75	999.00	-1.05	0.00
21	8	10	5	195.50	20.07	4.58	69.88	999.00	192.40	17.08	5.33	69.61	195.80	7.37	14.72	70.60	999.00	-0.55	999.00	-0.92	0.00
21	8	10	6	209.40	17.87	5.21	70.73	999.00	205.00	14.86	6.57	70.34	202.30	7.02	15.11	71.22	999.00	-0.41	999.00	-0.75	0.24
21	8	10	7	217.50	21.96	5.10	72.18	999.00	215.20	19.12	6.39	71.77	215.30	10.58	12.48	72.50	999.00	-0.53	999.00	-0.92	0.00
21	8	10	8	190.00	16.47	12.72	72.53	999.00	185.40	14.61	13.12	72.28	184.80	6.92	20.35	73.57	999.00	-0.98	999.00	-1.23	0.00
21	8	10	9	196.70	16.77	7.19	72.48	999.00	194.00	14.32	8.76	72.12	194.40	7.24	16.47	74.00	999.00	-1.92	999.00	-2.37	0.00
21	8	10	10	208.10	20.71	5.68	72.98	999.00	205.60	19.03	5.97	73.22	209.30	11.14	13.43	75.82	999.00	-3.52	999.00	-3.08	0.00
21	8	10	11	210.90	20.82	5.76	75.49	999.00	208.60	19.06	6.74	75.73	214.10	13.10	12.29	79.47	999.00	-3.97	999.00	-3.73	0.00
21	8	10	12	214.50	19.27	4.65	76.53	999.00	212.00	17.79	5.62	77.02	214.50	11.27	12.84	78.63	999.00	-1.64	999.00	-1.18	0.00
21	8	10	13	230.10	22.73	5.42	78.56	999.00	228.50	21.63	5.85	78.98	231.10	15.89	10.59	81.20	999.00	-2.55	999.00	-2.12	0.00
21	8	10	14	230.90	17.93	7.44	80.21	999.00	229.50	17.09	7.04	80.62	230.90	11.99	10.89	82.57	999.00	-2.20	999.00	-1.79	0.00
21	8	10	15	220.90	18.77	5.26	82.44	999.00	218.10	17.90	5.85	82.84	221.70	12.68	10.78	84.57	999.00	-2.12	999.00	-1.73	0.00
21	8	10	16	223.20	20.77	5.93	84.13	999.00	222.20	19.78	6.47	84.52	225.60	13.22	10.58	86.30	999.00	-2.01	999.00	-1.64	0.00
21	8	10	17	211.20	20.22	5.71	85.21	999.00	208.70	18.93	6.84	85.61	213.10	11.33	12.46	87.47	999.00	-2.34	999.00	-1.91	0.00
21	8	10	18	214.40	18.65	6.27	85.54	999.00	212.00	17.05	6.64	85.90	215.30	10.33	12.34	87.55	999.00	-1.94	999.00	-1.62	0.00
21	8	10	19	216.40	20.93	5.22	85.54	999.00	214.60	19.48	5.38	85.90	215.90	11.79	11.70	87.55	999.00	-1.46	999.00	-1.11	0.00
21	8	10	20	206.70	21.06	4.52	84.55	999.00	203.70	18.97	5.63	84.92	206.20	10.45	13.98	85.88	999.00	-1.32	999.00	-0.93	0.00
21	8	10	21	209.40	21.16	3.84	82.23	999.00	206.10	18.15	5.04	82.61	208.30	9.07	14.18	83.10	999.00	-0.66	999.00	-0.32	0.00
21	8	10	22	216.20	16.61	3.98	81.18	999.00	210.90	14.65	4.44	81.47	204.80	6.65	14.40	81.65	999.00	-0.18	999.00	0.02	0.00
21	8	10	23	198.00	21.32	3.20	80.32	999.00	195.10	17.68	4.05	80.40	198.90	6.89	14.47	80.15	999.00	0.44	999.00	0.43	0.00
21	8	10	24	200.10	22.41	3.63	999.00	999.00	196.20	18.36	5.20	999.00	200.80	7.94	14.17	79.67	999.00	-0.05	999.00	-0.03	0.00
21	8	11	1	203.60	20.84	3.12	79.68	999.00	200.80	17.99	4.32	79.92	202.50	8.17	13.71	80.07	999.00	-0.56	999.00	-0.28	0.00
21	8	11	2	204.60	19.79	4.42	78.68	999.00	202.00	16.93	6.11	79.00	207.40	8.16	14.48	79.47	999.00	-0.92	999.00	-0.57	0.00
21	8	11	3	216.10	34.98	14.25	78.15	999.00	214.00	31.56	14.87	78.53	219.60	19.09	16.59	79.13	999.00	-1.13	999.00	-0.76	0.00
21	8	11	4	272.20	12.31	10.77	74.34	999.00	266.90	11.09	15.33	70.70	194.80	3.54	50.33	69.60	999.00	7.42	999.00	2.32	0.00
21	8	11	5	223.80	19.75	3.14	72.60	999.00	221.30	16.90	4.44	71.17	222.20	10.19	10.90	69.53	999.00	0.01	999.00	0.16	0.01
21	8	11	6	221.90	13.31	4.15	69.06	999.00	217.80	10.72	5.64	69.23	211.60	5.48	14.13	69.11	999.00	-0.23	999.00	0.01	0.00
21	8	11	7	217.00	11.81	2.13	69.31	999.00	209.40	9.79	2.82	69.39	192.90	3.62	14.08	69.02	999.00	0.56	999.00	0.58	0.00
21	8	11	8	204.70	10.47	4.61	69.31	999.00	193.00	9.31	5.40	69.39	177.20	3.69	19.15	69.02	999.00	0.04	999.00	-0.02	0.00

21	8	11	9	235.60	27.37	5.44	69.61	999.00	232.70	24.94	6.05	69.86	236.00	16.41	10.57	70.53	999.00	-0.84	999.00	-0.32	0.16
21	8	11	10	192.20	19.36	8.67	70.64	999.00	189.20	17.08	10.30	70.90	191.60	7.84	17.48	69.74	999.00	0.42	999.00	0.81	0.01
21	8	11	11	191.60	18.33	4.24	70.54	999.00	187.80	13.67	6.97	70.63	183.10	4.63	18.42	70.32	999.00	1.21	999.00	0.46	0.00
21	8	11	12	204.40	16.83	7.57	72.99	999.00	199.90	14.66	9.02	72.60	201.00	7.40	19.25	72.88	999.00	-1.25	999.00	-0.90	0.00
21	8	11	13	195.30	24.91	5.99	75.12	999.00	192.30	23.34	6.51	75.55	201.30	10.83	15.53	76.72	999.00	-2.60	999.00	-2.09	0.00
21	8	11	14	186.70	23.31	5.54	77.65	999.00	184.30	22.34	6.97	78.35	190.20	12.93	17.04	80.22	999.00	-2.78	999.00	-2.00	0.00
21	8	11	15	191.00	23.61	6.22	80.94	999.00	187.80	21.94	6.63	81.64	193.60	11.28	17.24	83.55	999.00	-2.29	999.00	-1.67	0.00
21	8	11	16	229.30	21.47	14.40	82.71	999.00	225.70	18.85	15.23	82.85	218.80	9.93	23.10	83.78	999.00	0.93	999.00	0.09	0.57
21	8	11	17	182.90	15.31	10.72	68.43	999.00	171.80	13.22	10.55	68.16	164.20	5.76	19.32	69.26	999.00	-1.28	999.00	-1.39	0.04
21	8	11	18	171.00	24.36	3.74	68.82	999.00	166.80	20.97	4.97	67.87	175.90	8.46	17.65	69.20	999.00	-0.25	999.00	-1.22	0.00
21	8	11	19	191.00	18.79	4.30	69.73	999.00	186.90	16.41	5.44	68.88	192.40	8.36	14.94	70.08	999.00	-0.27	999.00	-1.12	0.00
21	8	11	20	191.50	18.51	3.41	999.00	999.00	188.60	16.43	4.20	999.00	195.00	7.58	14.98	70.73	999.00	-1.66	999.00	-1.68	0.00
21	8	11	21	186.70	20.14	3.62	70.52	999.00	183.00	17.15	4.40	69.47	188.20	7.54	15.15	70.75	999.00	0.24	999.00	-1.15	0.00
21	8	11	22	178.90	22.95	2.65	999.00	999.00	175.40	19.77	3.79	999.00	181.80	8.07	15.34	70.83	999.00	0.54	999.00	0.41	0.00
21	8	11	23	186.00	25.44	3.47	72.49	999.00	182.50	21.04	4.84	72.27	187.40	9.03	14.64	71.93	999.00	0.74	999.00	0.47	0.00
21	8	11	24	191.40	27.82	4.23	74.12	999.00	187.70	24.36	4.72	73.94	191.50	10.52	14.98	73.07	999.00	1.16	999.00	1.09	0.00
21	8	12	1	197.50	28.90	4.44	74.12	999.00	192.80	24.90	5.95	73.94	197.00	11.36	14.26	73.07	999.00	0.48	999.00	0.20	0.00
21	8	12	2	203.70	15.38	7.43	75.12	999.00	201.10	12.78	9.73	75.25	203.00	5.97	16.83	75.70	999.00	-0.57	999.00	-0.36	0.00
21	8	12	3	204.80	20.13	4.34	75.95	999.00	201.40	17.12	4.79	76.02	203.90	7.68	13.69	76.10	999.00	-0.24	999.00	-0.08	0.00
21	8	12	4	211.00	13.26	6.92	75.84	999.00	207.60	11.70	7.51	76.17	199.60	5.75	13.48	76.45	999.00	-0.72	999.00	-0.36	0.00
21	8	12	5	30.63	11.53	20.21	74.74	999.00	30.00	10.61	16.68	75.00	42.87	9.07	28.37	75.52	999.00	-0.73	999.00	-0.60	0.00
21	8	12	6	199.10	5.07	17.48	75.16	999.00	161.50	2.65	49.95	75.34	75.00	2.77	18.36	75.20	999.00	0.29	999.00	0.32	0.00
21	8	12	7	184.50	9.73	5.70	75.16	999.00	171.00	9.29	6.08	75.34	146.80	2.49	20.88	75.20	999.00	0.34	999.00	0.52	0.05
21	8	12	8	219.50	14.89	14.30	76.56	999.00	213.80	12.17	21.45	76.60	221.40	5.14	45.56	76.27	999.00	-0.19	999.00	-0.19	0.00
21	8	12	9	219.50	13.46	11.47	999.00	999.00	212.10	11.74	13.80	999.00	206.80	6.56	18.70	76.37	999.00	-0.48	999.00	-0.14	0.01
21	8	12	10	243.30	10.03	13.75	76.92	999.00	237.30	9.18	13.26	77.30	232.70	6.79	18.16	78.65	999.00	-2.29	999.00	-1.86	0.00
21	8	12	11	210.90	13.46	8.36	79.35	999.00	208.10	12.66	9.61	79.81	213.60	8.65	13.57	81.55	999.00	-2.44	999.00	-1.94	0.00
21	8	12	12	225.40	19.94	4.71	81.77	999.00	223.40	19.32	4.75	82.22	226.80	13.60	10.26	84.18	999.00	-1.96	999.00	-1.59	0.00
21	8	12	13	229.30	18.46	4.19	80.69	999.00	228.90	17.28	4.90	81.06	234.40	11.03	10.22	82.15	999.00	-1.19	999.00	-0.83	0.00
21	8	12	14	229.50	19.57	4.27	79.48	999.00	228.10	18.61	4.31	79.88	230.60	13.12	9.44	81.32	999.00	-2.02	999.00	-1.62	0.00
21	8	12	15	225.80	22.89	3.18	81.66	999.00	223.40	22.05	3.70	82.04	224.90	15.67	9.92	83.70	999.00	-2.02	999.00	-1.63	0.00
21	8	12	16	226.60	20.16	4.36	83.02	999.00	224.10	19.65	4.75	83.42	226.40	14.15	9.75	84.95	999.00	-1.92	999.00	-1.53	0.00
21	8	12	17	226.60	22.21	4.85	83.60	999.00	223.90	21.09	5.65	83.96	226.50	15.42	12.31	85.07	999.00	-1.62	999.00	-1.26	0.00
21	8	12	18	240.50	15.35	6.63	83.48	999.00	239.40	13.71	7.42	83.82	241.70	8.36	13.22	84.80	999.00	-1.42	999.00	-1.10	0.00
21	8	12	19	254.00	16.95	7.07	82.73	999.00	251.40	15.77	8.05	83.14	252.50	9.83	10.53	84.07	999.00	-1.12	999.00	-0.67	0.00
21	8	12	20	244.20	9.23	2.78	82.14	999.00	238.00	8.30	2.90	82.47	225.70	4.14	7.95	82.82	999.00	-0.20	999.00	0.16	0.00
21	8	12	21	239.20	10.61	3.30	81.41	999.00	229.80	9.81	3.56	81.60	208.30	2.94	12.93	80.65	999.00	1.21	999.00	1.25	0.00
21	8	12	22	244.70	15.02	2.15	80.89	999.00	239.00	14.12	2.71	80.74	222.40	4.60	10.98	78.70	999.00	2.72	999.00	2.81	0.00
21	8	12	23	214.60	11.34	7.40	80.16	999.00	199.80	10.52	8.17	79.73	176.70	3.50	12.06	77.45	999.00	2.63	999.00	2.35	0.00
21	8	12	24	216.50	13.62	3.88	79.27	999.00	213.60	11.54	4.55	78.58	228.60	2.69	27.05	76.53	999.00	3.14	999.00	2.55	0.00
21	8	13	1	217.10	16.45	5.96	77.72	999.00	210.40	14.15	4.18	77.54	211.20	5.88	13.10	76.22	999.00	0.81	999.00	0.40	0.00
21	8	13	2	214.10	19.88	2.58	75.51	999.00	208.10	15.98	4.11	75.14	206.80	7.23	13.80	74.75	999.00	0.42	999.00	0.17	0.00
21	8	13	3	209.10	18.52	3.01	73.38	999.00	203.10	15.52	4.10	73.26	204.00	6.83	13.06	73.23	999.00	-0.12	999.00	-0.13	0.00
21	8	13	4	223.20	16.27	2.66	72.85	999.00	217.80	13.05	3.88	72.61	215.70	5.97	12.26	72.35	999.00	0.57	999.00	0.36	0.00
21	8	13	5	219.60	18.08	2.44	999.00	999.00	212.70	15.17	3.44	999.00	207.90	6.51	12.72	71.87	999.00	0.36	999.00	0.17	0.00
21	8	13	6	219.90	18.04	3.55	999.00	999.00	213.20	14.90	5.98	999.00	207.20	6.98	13.48	71.87	999.00	-0.47	999.00	-0.38	0.00

21	8	13	7	216.20	16.01	3.41	71.56	999.00	211.90	13.42	4.43	71.70	209.80	7.04	12.17	72.28	999.00	-0.93	999.00	-0.61	0.00
21	8	13	8	217.40	16.81	4.40	71.64	999.00	214.00	13.76	5.79	71.97	215.20	7.07	13.05	72.57	999.00	-0.98	999.00	-0.67	0.00
21	8	13	9	231.50	15.38	4.07	72.17	999.00	228.60	13.76	4.88	72.57	229.40	8.56	10.81	73.47	999.00	-1.43	999.00	-1.01	0.00
21	8	13	10	237.90	10.04	7.99	73.24	999.00	234.50	9.40	9.01	73.72	231.80	7.40	11.07	75.05	999.00	-1.78	999.00	-1.27	0.00
21	8	13	11	226.80	9.32	6.68	74.27	999.00	223.30	9.01	6.16	74.76	226.00	7.76	10.34	76.50	999.00	-2.33	999.00	-1.87	0.00
21	8	13	12	230.20	10.36	8.47	75.76	999.00	228.20	9.99	8.50	76.14	231.70	7.82	12.58	78.20	999.00	-2.54	999.00	-2.14	0.00
21	8	13	13	231.00	12.26	4.10	77.51	999.00	229.70	11.92	4.12	77.89	232.10	8.66	12.37	79.85	999.00	-2.38	999.00	-2.01	0.00
21	8	13	14	231.00	11.90	7.16	78.82	999.00	228.90	11.06	8.24	79.28	230.00	8.00	10.94	81.22	999.00	-2.08	999.00	-1.63	0.00
21	8	13	15	231.50	14.77	4.48	78.91	999.00	229.60	14.13	4.74	79.35	231.00	10.76	10.24	80.63	999.00	-1.75	999.00	-1.33	0.00
21	8	13	16	227.00	14.26	4.91	999.00	999.00	224.40	13.99	5.39	999.00	226.90	10.56	9.99	81.40	999.00	-2.31	999.00	-1.92	0.00
21	8	13	17	261.50	13.41	6.44	79.96	999.00	260.80	12.91	7.73	80.37	260.80	9.46	15.20	82.32	999.00	-2.54	999.00	-2.13	0.01
21	8	13	18	312.30	17.50	10.49	74.99	999.00	312.70	16.01	12.31	75.43	319.90	8.85	18.40	77.13	999.00	-2.09	999.00	-1.68	0.01
21	8	13	19	278.50	8.81	7.41	71.12	999.00	268.00	8.13	7.80	70.54	247.50	4.75	10.56	72.35	999.00	-0.94	999.00	-2.32	0.00
21	8	13	20	268.70	11.50	2.76	74.48	999.00	260.80	12.19	1.77	73.39	269.70	5.19	9.22	73.40	999.00	1.86	999.00	2.13	0.00
21	8	13	21	269.90	12.14	3.93	75.08	999.00	253.40	9.52	4.10	74.35	229.50	4.46	14.25	73.75	999.00	0.59	999.00	0.07	0.00
21	8	13	22	308.10	15.22	3.82	75.24	999.00	305.50	13.89	4.65	75.25	297.40	6.00	15.54	74.10	999.00	0.93	999.00	1.24	0.00
21	8	13	23	321.40	14.86	5.00	75.71	999.00	317.60	13.69	5.36	76.11	314.50	7.04	12.08	73.47	999.00	2.05	999.00	2.45	0.00
21	8	13	24	330.00	19.45	4.04	74.55	999.00	326.70	18.30	4.40	75.01	327.30	10.83	9.82	73.93	999.00	-0.08	999.00	0.49	0.00
21	8	14	1	340.90	17.37	4.68	74.00	999.00	337.40	16.86	5.45	74.54	337.50	10.86	8.43	74.53	999.00	-0.79	999.00	-0.30	0.00
21	8	14	2	326.90	15.25	3.67	999.00	999.00	324.20	14.76	4.03	999.00	323.50	8.55	8.85	73.30	999.00	0.59	999.00	1.09	0.00
21	8	14	3	335.40	16.50	4.38	72.07	999.00	331.70	15.80	4.59	72.56	332.30	10.04	9.11	72.70	999.00	-1.25	999.00	-0.77	0.00
21	8	14	4	339.20	17.25	3.10	72.20	999.00	336.20	16.64	3.42	72.71	336.40	11.03	8.87	73.45	999.00	-1.20	999.00	-0.69	0.00
21	8	14	5	341.50	17.07	5.31	72.07	999.00	338.90	16.15	6.04	72.57	336.70	10.58	8.93	73.45	999.00	-1.34	999.00	-0.82	0.00
21	8	14	6	343.20	19.21	3.22	70.69	999.00	340.80	18.42	4.48	71.22	341.50	13.41	8.30	72.07	999.00	-1.38	999.00	-0.83	0.00
21	8	14	7	344.00	15.96	3.04	70.24	999.00	341.00	15.61	3.79	70.79	340.10	10.47	8.66	71.47	999.00	-1.26	999.00	-0.69	0.00
21	8	14	8	337.20	13.22	4.95	69.28	999.00	333.20	12.49	5.14	69.86	329.60	8.57	9.11	70.83	999.00	-1.83	999.00	-1.20	0.00
21	8	14	9	350.70	14.37	8.00	68.42	999.00	347.60	13.45	7.59	69.02	345.00	11.73	11.14	70.55	999.00	-2.24	999.00	-1.64	0.00
21	8	14	10	358.70	11.73	15.04	68.20	999.00	355.80	10.88	15.24	68.67	353.50	11.12	15.23	70.35	999.00	-2.21	999.00	-1.66	0.00
21	8	14	11	7.78	10.76	13.56	68.20	999.00	5.34	9.43	12.08	68.67	8.31	8.97	15.00	70.35	999.00	-1.81	999.00	-1.31	0.00
21	8	14	12	22.20	13.45	7.66	69.29	999.00	20.43	11.54	9.51	69.78	25.72	11.52	11.89	71.10	999.00	-1.81	999.00	-1.33	0.00
21	8	14	13	27.24	12.13	9.95	70.24	999.00	22.75	10.73	11.79	70.72	25.74	10.57	13.37	72.00	999.00	-1.76	999.00	-1.27	0.00
21	8	14	14	26.48	11.74	10.00	999.00	999.00	23.99	9.92	10.29	999.00	25.84	10.81	9.99	72.47	999.00	-1.69	999.00	-1.26	0.00
21	8	14	15	19.52	10.39	12.63	70.96	999.00	16.91	8.86	12.51	71.37	20.84	9.87	12.23	72.82	999.00	-1.93	999.00	-1.48	0.00
21	8	14	16	41.82	9.15	13.05	71.77	999.00	39.67	8.45	12.51	72.23	35.15	6.69	20.50	73.60	999.00	-2.23	999.00	-1.68	0.00
21	8	14	17	35.28	8.73	14.05	71.77	999.00	36.84	9.29	11.58	72.23	40.56	7.51	19.92	73.60	999.00	-1.43	999.00	-1.15	0.00
21	8	14	18	31.65	9.17	12.94	72.52	999.00	30.74	8.58	11.71	73.00	29.10	7.79	18.08	74.10	999.00	-1.49	999.00	-1.00	0.00
21	8	14	19	46.16	11.62	7.32	72.15	999.00	43.47	11.42	7.49	72.69	50.81	8.11	15.47	73.83	999.00	-1.50	999.00	-1.02	0.00
21	8	14	20	42.20	11.99	9.58	72.04	999.00	39.71	11.56	8.70	72.49	48.25	7.14	13.17	73.38	999.00	-1.10	999.00	-0.68	0.00
21	8	14	21	62.89	15.21	7.92	71.63	999.00	60.15	14.60	7.68	72.11	64.74	7.99	13.02	72.55	999.00	-0.68	999.00	-0.21	0.00
21	8	14	22	75.70	15.25	5.22	70.92	999.00	71.80	14.35	5.76	71.35	73.30	6.06	15.59	71.22	999.00	-0.27	999.00	0.14	0.00
21	8	14	23	72.60	17.28	5.87	70.44	999.00	68.85	16.62	6.35	70.89	74.50	7.66	17.41	70.78	999.00	-0.44	999.00	0.02	0.00
21	8	14	24	75.10	16.21	5.55	70.11	999.00	71.40	15.42	5.68	70.55	77.20	7.24	17.45	70.42	999.00	-0.26	999.00	0.18	0.00
21	8	15	1	73.50	16.64	5.04	69.77	999.00	70.30	16.04	5.38	70.20	76.10	7.75	15.50	70.05	999.00	-0.38	999.00	0.07	0.00
21	8	15	2	74.20	16.74	3.66	69.60	999.00	71.10	15.89	4.48	70.05	77.00	6.97	15.72	69.88	999.00	-0.15	999.00	0.29	0.00
21	8	15	3	74.40	16.48	3.99	69.68	999.00	71.60	15.60	5.04	70.11	77.60	6.94	16.33	69.83	999.00	-0.16	999.00	0.29	0.00
21	8	15	4	72.20	15.13	4.88	69.51	999.00	68.73	14.49	5.30	69.96	74.30	6.25	13.44	69.66	999.00	-0.02	999.00	0.43	0.00

21	8	15	5	66.93	14.88	5.00	69.41	999.00	63.30	14.11	4.66	69.82	66.25	6.94	12.67	69.54	999.00	-0.11	999.00	0.31	0.00
21	8	15	6	73.00	17.32	3.79	69.20	999.00	69.67	16.75	4.21	69.65	76.40	7.33	15.14	69.24	999.00	-0.08	999.00	0.41	0.00
21	8	15	7	71.00	17.60	5.71	69.28	999.00	66.91	16.83	6.82	69.73	71.30	8.01	15.16	69.39	999.00	-0.18	999.00	0.27	0.00
21	8	15	8	64.89	17.18	6.20	69.41	999.00	60.80	16.42	6.66	69.93	65.76	8.60	13.89	69.89	999.00	-0.85	999.00	-0.23	0.00
21	8	15	9	58.05	17.63	5.28	69.78	999.00	53.50	16.67	5.90	70.51	57.23	10.30	12.27	71.28	999.00	-1.59	999.00	-0.85	0.00
21	8	15	10	62.44	17.08	7.51	69.79	999.00	58.83	15.83	7.86	70.58	62.11	10.34	14.11	71.85	999.00	-2.31	999.00	-1.54	0.00
21	8	15	11	60.89	16.46	7.36	69.79	999.00	57.69	15.43	8.32	70.58	60.86	10.53	14.25	71.85	999.00	-2.55	999.00	-1.72	0.00
21	8	15	12	65.75	16.73	6.93	999.00	999.00	62.80	15.79	8.93	999.00	65.19	10.45	15.06	72.33	999.00	-3.04	999.00	-2.16	0.00
21	8	15	13	55.95	15.47	7.03	69.78	999.00	51.20	14.98	7.95	70.59	54.30	11.39	13.36	72.57	999.00	-2.74	999.00	-1.87	0.00
21	8	15	14	61.53	14.00	9.62	69.90	999.00	57.59	13.48	9.96	70.70	60.60	9.90	15.52	72.60	999.00	-2.70	999.00	-1.91	0.00
21	8	15	15	61.58	14.90	9.78	69.67	999.00	59.93	14.56	9.88	70.42	68.48	10.37	16.14	72.40	999.00	-2.75	999.00	-1.99	0.00
21	8	15	16	70.20	15.07	5.72	69.29	999.00	65.93	14.43	8.48	70.06	75.30	9.48	17.04	72.25	999.00	-2.99	999.00	-2.18	0.00
21	8	15	17	68.03	13.35	8.16	69.43	999.00	63.95	12.87	8.79	70.20	64.36	9.49	15.49	72.05	999.00	-2.56	999.00	-1.80	0.00
21	8	15	18	66.45	13.27	6.05	69.43	999.00	62.60	13.25	5.89	70.18	66.12	9.44	14.91	72.05	999.00	-2.46	999.00	-1.66	0.00
21	8	15	19	66.34	13.36	5.49	69.30	999.00	62.31	12.83	6.57	70.03	63.90	7.98	14.69	71.47	999.00	-1.76	999.00	-1.20	0.00
21	8	15	20	61.25	14.25	4.59	69.30	999.00	58.27	13.62	4.91	70.03	65.60	8.06	12.28	71.47	999.00	-1.04	999.00	-0.55	0.00
21	8	15	21	48.94	14.93	5.21	68.82	999.00	43.60	14.18	5.57	69.32	48.50	8.40	11.90	69.72	999.00	-0.97	999.00	-0.45	0.00
21	8	15	22	57.22	15.23	7.45	68.80	999.00	54.69	14.29	7.01	69.28	60.70	8.35	11.45	69.74	999.00	-0.90	999.00	-0.46	0.00
21	8	15	23	72.20	14.83	6.05	68.94	999.00	67.87	14.31	6.73	69.42	68.27	7.87	15.02	69.79	999.00	-0.82	999.00	-0.32	0.00
21	8	15	24	83.80	13.55	4.76	68.76	999.00	81.30	12.63	5.24	69.22	87.80	4.96	15.79	69.16	999.00	-0.43	999.00	0.04	0.00
21	8	16	1	82.30	14.21	4.18	69.14	999.00	78.00	13.68	5.55	69.62	85.30	6.11	16.00	69.53	999.00	-0.39	999.00	0.08	0.00
21	8	16	2	77.40	13.56	3.70	69.59	999.00	73.50	13.03	4.09	70.07	80.10	5.64	15.54	70.22	999.00	-0.68	999.00	-0.20	0.00
21	8	16	3	81.70	14.70	3.83	70.21	999.00	78.40	13.91	4.33	70.70	84.80	5.17	18.00	70.95	999.00	-0.69	999.00	-0.22	0.00
21	8	16	4	77.90	12.18	4.82	70.72	999.00	74.80	11.63	5.67	71.20	78.60	4.54	16.60	71.45	999.00	-0.69	999.00	-0.20	0.02
21	8	16	5	88.20	11.46	3.48	70.63	999.00	86.00	10.93	3.71	70.97	100.90	4.50	12.83	71.32	999.00	-0.54	999.00	-0.65	0.03
21	8	16	6	96.90	10.22	6.30	69.72	999.00	97.30	9.43	6.28	68.51	119.30	3.12	12.57	68.75	999.00	2.09	999.00	0.45	0.04
21	8	16	7	53.60	9.15	3.91	67.75	999.00	48.05	8.71	3.66	66.22	46.20	3.24	10.77	67.25	999.00	-0.04	999.00	-1.05	0.06
21	8	16	8	73.10	8.75	6.18	67.90	999.00	70.30	8.04	5.91	67.73	83.30	2.08	26.31	68.55	999.00	-0.90	999.00	-0.61	0.20
21	8	16	9	70.20	10.32	27.91	67.47	999.00	73.50	9.07	30.53	67.27	112.00	4.29	39.88	68.49	999.00	-1.00	999.00	-1.21	0.01
21	8	16	10	116.00	8.18	5.74	66.89	999.00	116.80	6.61	8.86	66.98	134.90	3.11	15.73	68.38	999.00	-1.95	999.00	-1.69	0.10
21	8	16	11	126.70	5.80	9.35	66.37	999.00	122.30	5.33	11.61	66.53	124.00	2.45	28.13	68.36	999.00	-1.79	999.00	-1.72	0.14
21	8	16	12	81.00	8.17	6.61	66.10	999.00	78.00	7.13	8.37	66.01	96.20	3.33	21.54	68.21	999.00	-2.38	999.00	-2.65	0.01
21	8	16	13	112.50	6.28	7.40	66.76	999.00	109.30	6.16	7.99	65.90	116.00	3.29	20.27	68.71	999.00	-1.81	999.00	-2.88	0.02
21	8	16	14	28.67	3.13	25.47	66.50	999.00	1.98	2.58	30.93	65.94	351.10	1.46	20.48	68.13	999.00	-1.39	999.00	-2.65	0.00
21	8	16	15	27.59	7.12	11.66	68.92	999.00	21.33	6.44	12.57	67.88	8.70	6.64	13.49	70.30	999.00	-1.45	999.00	-2.55	0.01
21	8	16	16	31.83	9.95	9.85	70.24	999.00	27.99	9.15	9.56	68.76	23.36	8.97	10.72	71.92	999.00	-1.77	999.00	-3.15	0.00
21	8	16	17	31.86	9.37	11.42	69.75	999.00	27.08	8.22	12.77	68.48	21.98	8.23	10.62	72.10	999.00	-2.25	999.00	-3.62	0.00
21	8	16	18	31.38	11.34	9.47	69.98	999.00	28.70	10.27	9.52	68.90	26.34	9.72	11.24	72.20	999.00	-2.16	999.00	-3.17	0.00
21	8	16	19	83.60	10.10	7.06	69.98	999.00	80.90	9.55	7.90	68.90	89.30	4.43	14.76	72.20	999.00	-1.57	999.00	-0.71	0.00
21	8	16	20	77.30	5.70	4.88	68.85	999.00	73.10	5.22	5.51	70.05	91.20	2.09	15.90	70.95	999.00	-2.53	999.00	-0.75	0.00
21	8	16	21	48.82	3.63	4.68	69.14	999.00	44.23	3.50	5.06	70.49	267.10	0.85	55.26	70.50	999.00	-0.45	999.00	0.44	0.00
21	8	16	22	60.00	4.68	3.69	69.69	999.00	54.93	4.43	3.52	70.30	100.10	0.11	56.91	69.92	999.00	-0.29	999.00	0.21	0.00
21	8	16	23	17.57	3.16	20.61	69.84	999.00	6.96	2.11	31.90	70.36	309.80	1.49	28.36	69.85	999.00	-0.06	999.00	0.45	0.00
21	8	16	24	29.87	5.06	10.61	69.89	999.00	25.28	4.80	10.89	70.37	315.80	0.68	63.30	69.88	999.00	0.29	999.00	0.76	0.00
21	8	17	1	358.40	3.99	12.49	69.80	999.00	353.80	3.59	11.27	70.35	231.60	2.65	14.07	70.42	999.00	0.45	999.00	0.99	0.00
21	8	17	2	5.43	1.46	29.85	69.61	999.00	267.50	0.78	72.80	70.03	193.90	3.70	15.79	68.26	999.00	2.79	999.00	2.93	0.00

21	8	17	3	224.10	2.51	9.78	69.41	999.00	238.30	3.12	6.24	69.43	214.70	1.98	37.03	67.25	999.00	1.71	999.00	1.90	0.00
21	8	17	4	310.90	5.12	2.93	69.21	999.00	293.20	4.88	6.12	69.39	253.80	2.99	26.30	66.73	999.00	2.86	999.00	3.06	0.00
21	8	17	5	308.00	5.06	10.85	68.93	999.00	299.50	5.15	8.81	69.30	235.30	1.95	29.77	66.71	999.00	1.85	999.00	2.31	0.00
21	8	17	6	5.25	5.99	9.74	68.89	999.00	4.46	4.99	10.70	69.39	348.30	1.86	26.17	67.31	999.00	0.44	999.00	0.95	0.00
21	8	17	7	15.83	6.84	8.53	68.99	999.00	12.98	5.86	10.20	69.53	8.87	5.00	12.47	70.45	999.00	-1.75	999.00	-1.21	0.00
21	8	17	8	24.83	6.45	11.22	69.24	999.00	20.86	5.40	10.16	69.75	14.77	5.43	10.58	70.97	999.00	-1.82	999.00	-1.32	0.00
21	8	17	9	55.41	6.13	7.36	69.54	999.00	53.40	6.18	6.34	70.04	66.68	4.88	12.32	71.38	999.00	-1.94	999.00	-1.40	0.00
21	8	17	10	52.14	7.31	9.87	69.77	999.00	45.63	7.35	10.58	70.38	44.48	6.16	13.79	71.93	999.00	-2.09	999.00	-1.53	0.00
21	8	17	11	60.91	6.89	16.22	71.10	999.00	51.16	6.88	14.48	71.70	45.02	5.74	19.73	73.05	999.00	-1.99	999.00	-1.31	0.00
21	8	17	12	71.60	8.25	9.05	71.15	999.00	68.38	8.39	10.04	71.87	76.50	6.57	16.75	73.28	999.00	-2.46	999.00	-1.80	0.00
21	8	17	13	76.80	7.72	18.00	71.49	999.00	68.08	7.71	14.34	72.21	69.69	5.86	21.72	74.20	999.00	-2.59	999.00	-1.90	0.00
21	8	17	14	81.90	9.32	9.37	72.31	999.00	76.80	9.24	10.61	73.03	84.40	6.93	21.20	75.13	999.00	-2.77	999.00	-2.10	0.00
21	8	17	15	70.60	10.40	10.75	72.53	999.00	63.49	9.93	12.89	73.31	67.87	7.54	20.51	75.40	999.00	-2.86	999.00	-1.99	0.00
21	8	17	16	64.07	8.79	8.82	999.00	999.00	59.03	8.80	8.95	999.00	63.03	7.37	16.16	76.00	999.00	-2.49	999.00	-1.74	0.00
21	8	17	17	57.06	10.50	6.93	999.00	999.00	51.30	10.17	7.30	999.00	47.91	8.63	12.84	76.23	999.00	-2.58	999.00	-1.82	0.00
21	8	17	18	52.37	9.28	10.07	73.79	999.00	48.31	9.22	9.31	74.49	55.72	7.09	14.02	76.05	999.00	-1.87	999.00	-1.21	0.00
21	8	17	19	72.10	10.19	5.50	74.03	999.00	68.09	9.34	8.26	74.65	70.90	5.59	17.24	75.95	999.00	-1.92	999.00	-1.30	0.00
21	8	17	20	84.20	12.24	4.25	74.03	999.00	80.40	11.53	4.69	74.55	82.90	5.50	15.78	75.53	999.00	-1.22	999.00	-0.73	0.00
21	8	17	21	92.00	12.14	3.33	73.69	999.00	89.20	11.48	4.49	74.20	96.10	5.38	13.90	74.75	999.00	-1.03	999.00	-0.53	0.00
21	8	17	22	95.30	11.53	3.77	999.00	999.00	91.30	10.69	4.89	999.00	96.30	4.49	14.75	74.43	999.00	-0.97	999.00	-0.48	0.00
21	8	17	23	99.10	13.46	2.81	999.00	999.00	95.30	12.68	3.85	999.00	100.30	5.93	15.11	74.43	999.00	-1.01	999.00	-0.51	0.00
21	8	17	24	96.90	13.59	4.03	999.00	999.00	93.30	12.76	5.32	999.00	96.90	5.66	15.94	74.43	999.00	-1.02	999.00	-0.53	0.00
21	8	18	1	102.80	12.46	3.29	999.00	999.00	99.00	11.46	4.40	999.00	105.10	5.05	14.45	74.10	999.00	-0.94	999.00	-0.45	0.00
21	8	18	2	95.50	12.07	3.62	999.00	999.00	90.40	10.93	5.23	999.00	99.10	4.77	15.33	74.15	999.00	-1.00	999.00	-0.52	0.00
21	8	18	3	101.50	10.17	3.64	999.00	999.00	96.80	9.70	3.77	999.00	99.20	4.05	15.48	74.20	999.00	-0.98	999.00	-0.48	0.00
21	8	18	4	102.50	8.21	2.73	999.00	999.00	98.30	7.84	3.21	999.00	109.00	2.82	13.45	73.80	999.00	-0.68	999.00	-0.18	0.00
21	8	18	5	100.70	7.06	3.83	72.76	999.00	96.80	6.11	4.71	73.22	102.90	1.29	18.36	73.43	999.00	-0.63	999.00	-0.19	0.00
21	8	18	6	104.60	7.40	4.50	999.00	999.00	104.00	6.04	6.86	999.00	164.50	1.08	41.49	73.10	999.00	-0.75	999.00	-0.37	0.00
21	8	18	7	107.90	4.69	4.37	72.31	999.00	104.50	4.27	3.87	72.70	279.70	0.44	31.33	72.68	999.00	-0.33	999.00	0.12	0.00
21	8	18	8	151.80	5.30	2.68	72.29	999.00	154.50	4.91	3.66	72.60	213.50	1.74	19.84	72.97	999.00	-0.85	999.00	-0.41	0.00
21	8	18	9	299.00	3.64	7.45	72.17	999.00	287.60	3.72	7.04	72.43	283.50	3.36	13.95	73.30	999.00	-1.27	999.00	-1.14	0.00
21	8	18	10	5.98	7.75	34.80	72.17	999.00	5.32	7.20	37.47	72.43	4.68	7.89	40.47	73.30	999.00	-1.62	999.00	-1.26	0.00
21	8	18	11	42.47	11.32	8.65	73.72	999.00	36.82	10.59	8.43	74.15	34.53	8.78	14.25	75.53	999.00	-2.17	999.00	-1.71	0.00
21	8	18	12	31.16	9.50	10.77	73.49	999.00	27.68	9.09	11.40	73.91	23.81	9.59	12.24	75.22	999.00	-1.92	999.00	-1.43	0.00
21	8	18	13	24.75	13.92	8.05	72.55	999.00	19.63	11.40	8.60	72.98	20.00	12.14	10.93	74.35	999.00	-1.80	999.00	-1.30	0.00
21	8	18	14	29.29	12.57	7.50	71.43	999.00	23.85	11.39	7.46	71.90	22.01	12.42	9.76	73.22	999.00	-1.74	999.00	-1.27	0.00
21	8	18	15	34.56	15.04	7.42	73.04	999.00	32.51	14.10	8.19	73.47	30.99	12.20	12.49	75.10	999.00	-2.30	999.00	-1.80	0.00
21	8	18	16	40.96	12.38	6.95	72.49	999.00	40.27	12.16	7.52	72.95	53.47	10.07	11.31	74.45	999.00	-1.57	999.00	-1.23	0.00
21	8	18	17	31.62	7.56	12.23	73.72	999.00	32.48	7.83	12.00	73.93	43.05	7.19	15.49	75.15	999.00	-1.47	999.00	-1.26	0.00
21	8	18	18	23.80	7.31	10.29	74.98	999.00	17.52	6.34	8.78	75.39	18.33	6.72	10.31	76.28	999.00	-1.18	999.00	-0.80	0.00
21	8	18	19	72.00	4.83	18.41	75.31	999.00	75.40	4.03	19.17	75.70	107.20	2.25	17.72	76.53	999.00	-1.02	999.00	-0.68	0.00
21	8	18	20	127.00	2.80	13.20	74.44	999.00	139.40	2.51	15.45	74.97	178.90	1.07	35.95	75.63	999.00	-1.32	999.00	-0.69	0.00
21	8	18	21	169.30	2.78	10.45	74.44	999.00	184.00	2.93	9.73	74.97	205.20	2.67	6.19	75.63	999.00	-0.78	999.00	-0.45	0.00
21	8	18	22	158.50	1.55	24.91	74.18	999.00	196.70	1.11	10.18	74.55	202.30	1.61	18.09	73.85	999.00	0.58	999.00	1.07	0.00
21	8	18	23	193.70	4.57	10.33	74.32	999.00	206.30	4.72	9.85	74.81	230.90	1.90	49.40	72.90	999.00	2.08	999.00	2.34	0.00
21	8	18	24	233.70	5.22	3.85	74.00	999.00	237.60	6.13	3.31	74.24	218.90	1.05	28.38	71.40	999.00	2.17	999.00	2.38	0.00

21	8	19	1	239.60	6.11	2.81	73.86	999.00	242.50	6.17	2.94	74.11	234.10	0.66	8.43	71.13	999.00	3.45	999.00	3.70	0.00
21	8	19	2	251.30	5.90	1.96	73.88	999.00	254.50	5.99	2.37	74.09	261.50	1.36	23.14	70.38	999.00	3.65	999.00	3.77	0.00
21	8	19	3	257.50	6.17	1.76	73.91	999.00	253.20	7.09	1.88	73.82	237.80	2.65	5.65	70.60	999.00	3.48	999.00	3.33	0.00
21	8	19	4	267.90	6.65	4.75	73.87	999.00	266.00	7.38	4.49	73.50	232.40	1.34	26.88	70.19	999.00	3.43	999.00	2.95	0.00
21	8	19	5	282.30	8.62	2.03	73.20	999.00	288.50	9.13	1.33	72.73	240.00	1.77	9.18	69.31	999.00	3.78	999.00	3.52	0.00
21	8	19	6	305.40	7.67	3.14	72.54	999.00	306.20	7.50	3.32	72.75	102.20	0.29	74.00	69.61	999.00	3.03	999.00	3.30	0.00
21	8	19	7	324.10	7.28	1.52	72.01	999.00	319.20	5.88	5.03	71.96	161.90	2.13	34.86	70.05	999.00	2.02	999.00	1.83	0.00
21	8	19	8	311.30	6.67	2.78	72.00	999.00	303.40	6.41	3.17	72.15	220.50	2.91	14.48	69.57	999.00	3.10	999.00	3.40	0.00
21	8	19	9	315.00	5.22	8.84	72.09	999.00	288.20	3.02	20.32	72.10	227.70	0.60	67.63	71.69	999.00	-1.30	999.00	-1.39	0.00
21	8	19	10	333.90	5.90	9.46	72.09	999.00	333.90	5.72	10.97	72.10	341.30	5.36	15.91	71.69	999.00	-2.60	999.00	-1.93	0.00
21	8	19	11	343.20	4.77	11.39	74.30	999.00	340.40	4.80	8.93	74.83	348.40	4.69	10.33	76.75	999.00	-1.96	999.00	-1.54	0.00
21	8	19	12	3.09	3.53	15.34	999.00	999.00	0.97	2.84	16.72	999.00	6.96	3.13	18.32	77.50	999.00	-1.55	999.00	-1.19	0.00
21	8	19	13	8.47	3.44	15.76	77.20	999.00	8.57	3.10	13.31	77.45	5.20	4.07	13.88	78.45	999.00	-1.12	999.00	-1.05	0.00
21	8	19	14	4.55	4.22	11.76	78.80	999.00	1.50	3.88	10.81	78.70	10.69	5.16	13.18	79.30	999.00	-0.14	999.00	-0.63	0.00
21	8	19	15	56.11	7.37	11.84	78.29	999.00	52.28	7.16	12.61	78.59	54.05	5.86	19.49	79.68	999.00	-2.19	999.00	-1.55	0.00
21	8	19	16	73.70	8.34	8.39	77.51	999.00	72.70	7.86	11.15	78.21	82.10	5.77	20.87	80.03	999.00	-2.45	999.00	-1.76	0.00
21	8	19	17	84.60	5.49	11.15	78.06	999.00	80.20	5.49	11.16	78.66	85.10	4.22	18.98	80.48	999.00	-2.21	999.00	-1.63	0.00
21	8	19	18	94.30	7.11	9.92	78.42	999.00	93.00	6.74	11.01	78.98	105.10	4.53	18.43	80.60	999.00	-2.14	999.00	-1.55	0.00
21	8	19	19	111.00	7.44	4.46	78.13	999.00	106.40	7.36	5.51	78.64	107.50	4.53	13.48	79.95	999.00	-1.63	999.00	-1.25	0.00
21	8	19	20	113.60	8.36	3.26	77.89	999.00	110.50	7.58	4.25	78.29	113.40	3.28	13.89	79.03	999.00	-0.67	999.00	-0.28	0.00
21	8	19	21	151.50	6.82	1.51	77.63	999.00	153.50	5.32	5.03	77.91	268.10	0.95	38.03	77.43	999.00	1.18	999.00	1.14	0.00
21	8	19	22	173.60	6.64	5.78	77.21	999.00	173.40	5.90	8.24	77.11	216.70	0.89	12.40	75.47	999.00	1.78	999.00	1.65	0.00
21	8	19	23	177.40	7.83	2.64	77.18	999.00	176.00	8.50	1.08	77.14	174.50	1.91	21.95	74.50	999.00	3.28	999.00	3.28	0.00
21	8	19	24	187.50	8.48	1.85	76.89	999.00	184.30	8.97	2.44	76.88	190.30	2.60	8.83	73.60	999.00	3.32	999.00	3.13	0.00
21	8	20	1	181.30	6.82	3.36	76.86	999.00	173.40	7.54	5.71	76.71	170.60	2.53	14.06	73.13	999.00	3.69	999.00	3.26	0.00
21	8	20	2	185.30	7.37	1.68	76.48	999.00	178.80	8.26	2.04	76.04	184.70	2.51	13.91	72.05	999.00	4.51	999.00	4.09	0.00
21	8	20	3	193.00	7.51	4.10	76.28	999.00	191.20	8.68	1.75	75.74	188.60	2.73	17.85	70.93	999.00	5.49	999.00	4.78	0.00
21	8	20	4	202.20	8.60	1.19	75.76	999.00	196.70	8.84	1.61	75.33	197.30	3.52	12.91	70.50	999.00	5.41	999.00	5.00	0.00
21	8	20	5	219.90	6.54	4.13	76.16	999.00	215.40	6.52	3.84	75.71	237.30	1.96	16.51	70.53	999.00	6.11	999.00	5.60	0.00
21	8	20	6	217.00	5.79	5.53	76.65	999.00	217.60	5.88	3.99	76.67	202.40	2.03	20.65	70.60	999.00	6.17	999.00	6.41	0.00
21	8	20	7	227.50	9.39	1.31	75.59	999.00	223.50	8.66	3.08	75.59	211.90	4.17	10.35	69.88	999.00	5.75	999.00	6.01	0.00
21	8	20	8	241.00	11.44	1.37	75.28	999.00	237.00	12.36	1.72	74.70	237.90	4.31	11.16	70.26	999.00	3.38	999.00	2.51	0.00
21	8	20	9	249.10	7.58	6.45	73.36	999.00	259.10	4.54	12.53	71.95	215.20	2.38	46.06	72.25	999.00	0.23	999.00	-0.87	0.00
21	8	20	10	244.10	2.01	37.89	74.85	999.00	226.00	1.05	32.09	74.69	223.20	2.74	24.49	75.72	999.00	-1.90	999.00	-1.07	0.00
21	8	20	11	62.95	5.20	20.67	76.42	999.00	57.22	4.85	17.17	76.99	55.56	4.17	31.16	77.65	999.00	-1.38	999.00	-0.79	0.00
21	8	20	12	90.50	5.42	18.09	76.03	999.00	89.50	4.93	18.70	76.51	77.00	3.92	28.06	78.00	999.00	-2.55	999.00	-1.77	0.00
21	8	20	13	86.60	6.51	14.46	76.84	999.00	88.60	6.12	17.18	77.67	97.40	4.01	32.73	79.65	999.00	-3.07	999.00	-2.14	0.00
21	8	20	14	85.20	5.32	19.05	78.15	999.00	80.50	5.43	20.36	78.84	68.51	4.27	38.65	80.78	999.00	-2.70	999.00	-1.97	0.00
21	8	20	15	100.20	6.00	15.60	79.27	999.00	100.80	5.64	12.80	79.95	101.70	4.13	29.58	81.80	999.00	-2.51	999.00	-1.84	0.00
21	8	20	16	77.10	4.89	18.38	80.31	999.00	73.40	4.58	21.87	81.07	90.60	2.94	35.09	82.80	999.00	-2.44	999.00	-1.62	0.00
21	8	20	17	90.30	3.27	36.32	80.74	999.00	79.30	3.02	29.50	81.35	106.10	2.31	54.87	83.00	999.00	-2.08	999.00	-1.60	0.00
21	8	20	18	81.80	4.34	14.63	80.85	999.00	75.50	4.02	14.53	81.46	62.03	3.28	25.88	82.82	999.00	-1.93	999.00	-1.24	0.00
21	8	20	19	92.30	4.97	5.88	80.60	999.00	86.70	4.87	5.96	81.12	96.00	2.80	13.37	82.32	999.00	-1.44	999.00	-1.11	0.00
21	8	20	20	94.90	6.04	2.79	79.94	999.00	90.60	5.69	3.34	80.40	94.60	1.97	11.69	80.98	999.00	-0.53	999.00	-0.04	0.00
21	8	20	21	99.90	6.76	3.11	79.24	999.00	96.20	6.25	3.18	79.74	125.00	0.70	38.59	79.18	999.00	0.63	999.00	1.12	0.00
21	8	20	22	113.70	10.06	2.67	78.07	999.00	111.20	9.95	3.39	78.55	125.90	3.65	9.59	77.55	999.00	0.63	999.00	1.10	0.00

21	8	20	23	137.20	10.27	1.12	77.56	999.00	135.80	9.73	1.95	77.80	139.90	1.26	24.78	76.67	999.00	1.53	999.00	1.45	0.00
21	8	20	24	141.40	9.30	1.22	76.67	999.00	144.40	7.57	2.30	76.32	195.50	1.18	14.44	74.53	999.00	2.07	999.00	1.59	0.00
21	8	21	1	129.90	11.58	0.76	76.96	999.00	128.80	11.01	0.60	76.53	135.90	2.47	12.20	73.55	999.00	2.65	999.00	2.59	0.00
21	8	21	2	150.00	12.15	1.29	75.80	999.00	155.00	10.02	2.58	75.18	186.10	1.14	22.96	72.63	999.00	3.73	999.00	2.56	0.00
21	8	21	3	156.00	9.41	1.24	999.00	999.00	157.30	8.86	2.43	999.00	186.70	1.65	20.87	71.43	999.00	4.53	999.00	3.08	0.00
21	8	21	4	150.00	8.19	1.59	999.00	999.00	155.70	8.45	4.49	999.00	178.70	2.25	14.55	71.30	999.00	4.15	999.00	2.78	0.00
21	8	21	5	176.30	9.13	9.10	74.44	999.00	184.40	8.38	14.32	73.55	199.00	3.87	13.39	70.71	999.00	2.66	999.00	2.07	0.00
21	8	21	6	149.10	8.06	7.72	73.67	999.00	160.40	7.84	9.66	72.44	147.10	2.61	13.82	69.51	999.00	5.06	999.00	3.96	0.00
21	8	21	7	142.10	9.70	1.79	74.61	999.00	148.20	9.93	2.31	74.46	175.30	1.96	23.03	69.58	999.00	4.72	999.00	4.54	0.00
21	8	21	8	139.70	10.82	1.05	73.81	999.00	145.70	10.62	1.13	73.11	161.30	2.57	17.40	69.55	999.00	3.84	999.00	3.37	0.00
21	8	21	9	182.20	7.44	9.82	72.57	999.00	187.70	6.31	12.13	71.69	208.00	4.21	20.60	71.28	999.00	-1.43	999.00	-0.79	0.00
21	8	21	10	197.50	5.71	13.37	999.00	999.00	197.30	4.90	16.88	999.00	224.40	4.36	18.38	72.70	999.00	-2.15	999.00	-1.44	0.00
21	8	21	11	149.30	3.85	14.99	73.43	999.00	149.30	3.63	13.90	74.63	132.90	2.84	23.53	75.72	999.00	-2.22	999.00	-0.51	0.00
21	8	21	12	174.30	5.08	13.87	76.25	999.00	170.80	4.68	15.96	77.78	178.30	3.69	28.12	78.75	999.00	-2.77	999.00	-1.08	0.00
21	8	21	13	95.10	6.92	8.47	77.61	999.00	88.00	6.84	11.78	78.51	92.10	5.60	23.10	80.05	999.00	-2.42	999.00	-1.72	0.00
21	8	21	14	94.10	7.76	8.19	77.61	999.00	86.40	7.72	9.67	78.51	92.20	5.56	18.54	80.05	999.00	-2.63	999.00	-2.01	0.00
21	8	21	15	83.00	9.11	8.46	78.44	999.00	75.60	8.75	10.41	79.10	82.10	5.99	21.30	81.28	999.00	-2.96	999.00	-2.20	0.00
21	8	21	16	89.90	9.47	6.10	78.68	999.00	81.70	9.76	6.53	79.24	86.30	6.49	16.80	81.38	999.00	-2.47	999.00	-2.01	0.00
21	8	21	17	77.20	7.13	5.03	999.00	999.00	69.28	7.34	5.66	999.00	71.70	6.56	14.13	81.30	999.00	-2.06	999.00	-1.60	0.00
21	8	21	18	84.30	8.31	7.13	79.44	999.00	80.00	8.14	7.52	79.99	83.10	5.57	14.77	81.38	999.00	-1.72	999.00	-1.17	0.00
21	8	21	19	109.30	8.02	6.83	999.00	999.00	102.70	7.18	7.49	999.00	101.40	2.91	20.15	80.97	999.00	-1.45	999.00	-1.20	0.00
21	8	21	20	146.20	5.95	2.55	999.00	999.00	139.60	4.70	6.71	999.00	98.80	2.14	10.37	80.33	999.00	-0.31	999.00	-0.03	0.00
21	8	21	21	119.80	9.97	4.73	78.77	999.00	109.80	9.87	3.06	78.91	111.60	4.16	11.72	78.72	999.00	0.49	999.00	0.55	0.00
21	8	21	22	154.80	11.16	1.36	78.84	999.00	144.60	11.30	1.42	78.68	154.10	1.59	21.94	77.55	999.00	2.05	999.00	1.99	0.00
21	8	21	23	155.90	12.40	1.96	78.61	999.00	145.90	11.09	1.21	78.18	143.20	1.93	21.20	76.18	999.00	2.38	999.00	1.78	0.00
21	8	21	24	182.10	11.56	1.51	78.53	999.00	173.00	11.19	1.85	77.74	172.60	2.42	12.69	75.47	999.00	3.90	999.00	3.28	0.00
21	8	22	1	198.40	12.86	3.25	79.01	999.00	192.50	11.69	3.79	78.04	201.10	2.69	13.95	74.63	999.00	4.92	999.00	3.87	0.00
21	8	22	2	216.40	15.27	0.93	78.84	999.00	211.50	14.57	1.45	77.47	206.70	4.79	11.62	73.90	999.00	5.12	999.00	3.63	0.00
21	8	22	3	216.50	15.96	1.48	999.00	999.00	213.60	13.86	2.10	999.00	189.50	4.16	9.69	73.03	999.00	5.83	999.00	3.57	0.00
21	8	22	4	220.60	16.79	2.50	76.90	999.00	223.90	14.67	2.94	75.42	213.00	5.20	9.95	72.57	999.00	3.50	999.00	2.43	0.00
21	8	22	5	228.10	18.24	4.66	75.90	999.00	227.30	15.83	3.69	75.22	216.50	6.22	9.13	72.47	999.00	3.36	999.00	2.86	0.00
21	8	22	6	259.80	14.21	3.38	76.43	999.00	239.50	11.83	4.35	75.23	200.80	4.72	12.97	72.00	999.00	4.28	999.00	2.72	0.00
21	8	22	7	278.00	13.29	5.84	75.39	999.00	251.70	10.79	5.10	73.24	211.50	2.96	16.43	71.13	999.00	4.28	999.00	1.86	0.00
21	8	22	8	294.90	14.43	1.52	76.45	999.00	273.00	11.64	5.42	73.80	255.90	3.97	8.87	71.20	999.00	4.42	999.00	1.90	0.00
21	8	22	9	315.10	12.67	2.66	75.74	999.00	298.30	8.76	5.86	73.59	259.10	3.66	14.89	73.20	999.00	1.80	999.00	-0.13	0.00
21	8	22	10	320.80	7.72	12.71	76.76	999.00	312.60	6.29	12.67	76.61	314.00	4.86	20.52	78.50	999.00	-3.02	999.00	-2.62	0.00
21	8	22	11	315.60	7.05	11.35	77.96	999.00	307.00	6.75	11.21	78.47	309.80	5.24	19.10	81.32	999.00	-3.35	999.00	-2.98	0.00
21	8	22	12	347.10	6.89	12.11	79.67	999.00	337.30	6.42	12.80	79.81	339.50	5.03	17.81	82.13	999.00	-1.93	999.00	-1.99	0.00
21	8	22	13	3.52	5.36	18.19	81.74	999.00	356.80	4.93	16.73	81.83	355.00	5.55	17.03	83.25	999.00	-1.33	999.00	-1.16	0.00
21	8	22	14	42.92	4.16	16.29	82.01	999.00	42.44	3.99	11.90	82.34	50.68	4.20	15.51	83.08	999.00	-0.88	999.00	-0.50	0.00
21	8	22	15	66.90	5.61	18.04	82.67	999.00	61.11	5.28	17.07	83.17	46.75	3.75	34.34	84.35	999.00	-2.39	999.00	-1.57	0.00
21	8	22	16	75.10	4.79	15.28	82.56	999.00	71.10	5.06	13.23	83.22	82.80	4.13	17.56	84.72	999.00	-2.20	999.00	-1.55	0.00
21	8	22	17	79.60	5.51	16.02	83.08	999.00	85.30	5.29	15.10	83.66	105.30	4.82	35.92	85.22	999.00	-1.94	999.00	-1.52	0.00
21	8	22	18	97.10	3.99	10.43	999.00	999.00	87.40	4.56	7.59	999.00	94.00	3.64	17.36	84.63	999.00	-1.56	999.00	-1.10	0.00
21	8	22	19	135.10	4.93	5.97	999.00	999.00	124.20	5.16	7.15	999.00	113.30	3.64	14.40	84.37	999.00	-1.31	999.00	-1.02	0.00
21	8	22	20	167.90	4.43	3.89	999.00	999.00	158.40	3.69	4.92	999.00	152.10	0.37	23.30	84.37	999.00	-0.50	999.00	0.22	0.00

21	8	22	21	148.10	6.45	2.02	82.62	999.00	142.60	6.57	2.95	83.00	136.30	1.65	8.63	81.80	999.00	1.36	999.00	1.68	0.00
21	8	22	22	146.10	9.66	3.36	82.37	999.00	141.80	9.82	2.69	82.70	143.80	1.62	18.09	80.45	999.00	2.47	999.00	2.79	0.00
21	8	22	23	165.30	11.40	3.21	82.08	999.00	160.90	10.77	3.92	82.18	198.00	2.21	16.87	79.32	999.00	3.19	999.00	3.08	0.00
21	8	22	24	188.30	12.87	3.31	81.40	999.00	181.10	13.12	1.42	80.87	196.20	4.10	9.74	77.90	999.00	4.07	999.00	3.59	0.00
21	8	23	1	248.60	10.87	4.58	79.86	999.00	251.30	10.83	4.17	79.36	209.80	5.24	12.03	76.68	999.00	2.35	999.00	1.75	0.00
21	8	23	2	281.40	13.16	5.77	77.42	999.00	269.40	11.01	6.67	76.96	238.60	4.34	11.52	75.52	999.00	0.90	999.00	0.78	0.00
21	8	23	3	292.60	9.53	1.78	78.17	999.00	287.70	12.09	1.68	76.73	258.00	5.10	9.68	75.22	999.00	3.57	999.00	1.95	0.00
21	8	23	4	311.20	11.08	4.63	77.40	999.00	295.70	11.63	7.07	76.33	259.10	4.72	9.47	74.65	999.00	2.84	999.00	2.25	0.00
21	8	23	5	354.70	7.60	7.12	76.11	999.00	346.60	7.16	7.37	76.24	324.40	4.22	15.63	75.88	999.00	-1.02	999.00	-0.59	0.00
21	8	23	6	304.80	6.72	5.21	74.80	999.00	302.70	6.82	5.53	75.30	284.50	3.55	9.40	75.38	999.00	-0.83	999.00	-0.29	0.00
21	8	23	7	292.50	10.91	8.40	74.17	999.00	286.80	10.24	10.82	74.58	272.20	6.29	14.27	75.02	999.00	-0.98	999.00	-0.66	0.00
21	8	23	8	300.40	8.78	5.09	73.87	999.00	293.60	8.46	5.35	74.36	271.70	5.05	9.15	74.90	999.00	-0.91	999.00	-0.48	0.00
21	8	23	9	288.70	8.69	8.82	73.59	999.00	283.10	8.23	8.42	74.04	275.00	6.36	10.88	75.10	999.00	-2.00	999.00	-1.43	0.00
21	8	23	10	301.50	10.81	9.02	73.57	999.00	297.80	10.88	8.33	74.08	296.70	8.35	13.97	76.13	999.00	-3.15	999.00	-2.66	0.00
21	8	23	11	296.20	10.64	6.49	73.65	999.00	296.20	11.00	6.81	74.18	306.70	9.15	10.76	76.95	999.00	-3.29	999.00	-2.83	0.00
21	8	23	12	262.00	11.45	10.84	75.85	999.00	257.70	11.34	13.10	76.38	259.50	9.53	18.11	79.15	999.00	-2.78	999.00	-2.27	0.00
21	8	23	13	268.60	14.06	9.38	78.87	999.00	267.40	13.61	9.65	79.41	271.00	10.85	14.60	81.80	999.00	-3.00	999.00	-2.46	0.00
21	8	23	14	291.80	13.90	10.90	79.91	999.00	291.80	13.75	12.98	80.47	297.00	10.54	18.81	82.90	999.00	-3.44	999.00	-2.81	0.00
21	8	23	15	302.80	13.01	5.32	79.74	999.00	301.40	13.23	6.00	80.28	304.80	10.59	11.47	83.35	999.00	-3.44	999.00	-2.90	0.00
21	8	23	16	307.40	12.14	8.01	80.14	999.00	306.70	12.29	7.99	80.76	315.40	9.54	12.52	83.63	999.00	-3.31	999.00	-2.68	0.00
21	8	23	17	304.60	10.54	6.41	80.59	999.00	302.20	10.58	6.86	81.16	305.20	8.15	13.55	83.95	999.00	-3.36	999.00	-2.89	0.00
21	8	23	18	314.80	7.77	6.11	999.00	999.00	314.30	7.48	6.54	999.00	322.40	6.13	11.53	83.73	999.00	-2.57	999.00	-1.97	0.00
21	8	23	19	307.80	6.67	4.51	999.00	999.00	307.60	6.49	4.20	999.00	314.60	4.49	11.27	83.73	999.00	-2.42	999.00	-2.07	0.00
21	8	23	20	318.50	7.20	3.11	80.86	999.00	319.00	5.90	2.69	81.24	327.30	1.00	13.38	82.38	999.00	-0.67	999.00	-0.29	0.00
21	8	23	21	313.80	3.15	5.72	80.20	999.00	308.40	1.16	10.60	80.59	191.20	1.81	15.95	79.75	999.00	1.12	999.00	1.46	0.00
21	8	23	22	283.00	5.50	6.06	80.22	999.00	277.30	4.25	5.54	80.54	207.50	2.22	9.69	77.72	999.00	3.04	999.00	3.42	0.00
21	8	23	23	243.40	5.23	8.21	79.94	999.00	231.60	4.87	3.29	80.30	193.60	3.16	8.28	76.23	999.00	3.92	999.00	4.18	0.00
21	8	23	24	258.10	11.11	3.50	78.74	999.00	246.10	9.60	3.38	78.74	183.30	2.30	10.98	75.07	999.00	3.60	999.00	2.79	0.00
21	8	24	1	259.50	9.62	1.96	79.35	999.00	252.60	9.99	2.73	79.04	186.20	3.31	13.25	74.53	999.00	5.59	999.00	5.24	0.00
21	8	24	2	260.60	10.08	1.40	79.03	999.00	245.00	9.94	1.52	78.80	183.80	2.55	12.68	72.80	999.00	6.44	999.00	6.17	0.00
21	8	24	3	271.70	11.26	1.15	78.75	999.00	259.20	11.61	0.83	78.39	218.40	3.42	7.69	72.97	999.00	5.43	999.00	5.07	0.00
21	8	24	4	266.50	11.13	1.16	77.94	999.00	258.70	11.75	1.01	77.68	224.10	2.56	8.08	73.23	999.00	5.03	999.00	4.56	0.00
21	8	24	5	270.90	11.40	1.86	77.96	999.00	254.50	11.64	3.91	76.90	209.30	3.98	11.14	72.22	999.00	5.65	999.00	4.51	0.00
21	8	24	6	257.20	9.45	1.81	76.32	999.00	240.80	10.45	3.69	75.44	182.70	3.04	13.33	70.88	999.00	5.91	999.00	4.46	0.00
21	8	24	7	248.80	10.49	1.13	75.60	999.00	234.90	9.67	1.57	74.57	193.80	2.75	15.77	69.48	999.00	5.80	999.00	4.49	0.00
21	8	24	8	257.50	10.58	2.66	74.86	999.00	236.40	9.65	4.26	72.65	202.40	3.72	13.11	70.25	999.00	4.51	999.00	1.40	0.00
21	8	24	9	215.90	9.58	3.58	75.65	999.00	198.70	7.84	7.44	73.48	201.10	4.94	15.71	72.32	999.00	0.86	999.00	-1.16	0.00
21	8	24	10	219.90	8.05	7.20	74.01	999.00	212.60	6.72	10.05	74.19	216.00	5.63	15.45	75.80	999.00	-1.95	999.00	-1.56	0.00
21	8	24	11	205.30	6.31	12.79	78.09	999.00	206.50	5.82	13.72	78.82	221.60	4.98	19.84	80.40	999.00	-2.30	999.00	-1.65	0.00
21	8	24	12	206.70	7.56	13.54	80.91	999.00	203.70	7.33	15.63	81.67	211.20	5.66	26.37	83.40	999.00	-2.49	999.00	-1.79	0.00
21	8	24	13	228.80	8.09	12.29	82.24	999.00	225.60	7.81	14.52	82.75	232.20	6.09	24.02	84.65	999.00	-2.55	999.00	-2.01	0.00
21	8	24	14	208.10	8.04	12.13	83.61	999.00	204.30	7.60	15.18	84.17	212.80	5.66	19.67	86.28	999.00	-2.67	999.00	-1.98	0.00
21	8	24	15	213.60	10.76	10.46	84.76	999.00	210.20	10.32	13.04	85.23	220.70	7.74	16.56	87.30	999.00	-2.40	999.00	-1.90	0.00
21	8	24	16	202.10	11.17	13.14	85.89	999.00	199.90	10.63	15.16	86.50	206.40	7.92	20.43	88.43	999.00	-2.44	999.00	-1.82	0.00
21	8	24	17	203.20	15.79	7.91	85.95	999.00	199.90	14.47	9.42	86.38	208.00	9.47	17.05	88.38	999.00	-2.47	999.00	-2.06	0.00
21	8	24	18	201.90	14.15	6.28	86.16	999.00	198.90	13.12	7.42	86.54	203.80	7.64	17.86	88.30	999.00	-2.11	999.00	-1.68	0.00

21	8	24	19	195.80	10.21	4.35	85.69	999.00	192.10	9.05	5.22	86.09	197.70	4.50	16.14	87.45	999.00	-1.46	999.00	-1.12	0.00
21	8	24	20	189.50	10.91	2.62	85.52	999.00	182.30	10.00	2.59	86.07	184.30	3.83	13.11	86.18	999.00	-0.04	999.00	0.35	0.00
21	8	24	21	172.30	10.91	2.82	84.53	999.00	160.00	9.40	3.58	84.28	166.90	2.42	18.15	83.50	999.00	1.79	999.00	1.01	0.00
21	8	24	22	193.50	14.95	1.89	84.67	999.00	183.80	11.86	3.25	82.75	185.10	3.50	14.04	81.18	999.00	4.46	999.00	1.81	0.00
21	8	24	23	202.50	15.76	55.35	85.20	999.00	200.10	11.92	58.05	82.92	203.40	5.45	80.00	80.20	999.00	4.67	999.00	2.48	0.00
21	8	24	24	45.16	9.07	5.98	77.83	999.00	38.87	8.80	10.00	77.59	49.88	5.41	19.14	77.95	999.00	1.60	999.00	0.90	0.00
21	8	25	1	87.40	12.61	10.25	77.79	999.00	84.50	11.65	10.51	77.27	97.20	5.08	17.61	77.20	999.00	-0.84	999.00	-0.47	0.00
21	8	25	2	110.80	10.48	4.73	76.42	999.00	107.60	9.15	5.73	76.79	126.40	3.25	19.91	77.18	999.00	-0.54	999.00	-0.20	0.00
21	8	25	3	354.00	10.33	7.52	76.45	999.00	351.80	9.78	8.02	76.82	354.90	7.60	9.00	77.38	999.00	-1.39	999.00	-0.93	0.01
21	8	25	4	75.70	7.72	5.96	76.34	999.00	71.40	7.21	6.96	76.73	79.00	2.40	21.62	77.32	999.00	-0.85	999.00	-0.46	0.00
21	8	25	5	172.10	17.44	3.69	76.34	999.00	169.30	14.26	4.74	76.73	181.80	5.49	15.93	77.32	999.00	-0.23	999.00	-0.41	0.08
21	8	25	6	232.40	20.63	11.40	69.77	999.00	228.60	17.23	12.14	70.21	229.20	10.04	12.57	71.16	999.00	-0.70	999.00	-0.13	0.08
21	8	25	7	265.20	7.27	5.39	73.21	999.00	282.20	5.34	10.78	70.79	359.90	4.34	9.26	69.42	999.00	4.42	999.00	0.76	0.01
21	8	25	8	102.20	18.07	6.50	72.46	999.00	96.70	15.99	6.94	69.70	94.90	7.08	14.31	70.30	999.00	0.05	999.00	-1.32	0.00
21	8	25	9	133.10	10.77	4.96	71.12	999.00	133.70	8.89	7.72	69.66	161.20	4.19	20.99	71.32	999.00	-0.57	999.00	-1.73	0.00
21	8	25	10	185.50	10.55	12.22	70.65	999.00	178.10	10.37	6.82	69.63	192.80	5.74	14.42	71.48	999.00	0.31	999.00	-1.72	0.17
21	8	25	11	166.50	7.99	15.25	70.50	999.00	147.10	8.97	5.27	68.62	155.40	4.69	17.24	70.26	999.00	0.37	999.00	-1.84	0.05
21	8	25	12	160.20	5.95	9.46	72.45	999.00	159.70	5.42	10.02	71.28	167.00	3.77	21.52	74.93	999.00	-3.99	999.00	-4.00	0.00
21	8	25	13	184.00	5.78	9.03	76.25	999.00	178.80	5.36	9.09	999.00	175.20	4.37	13.50	80.20	999.00	-3.87	999.00	-4.00	0.00
21	8	25	14	151.60	7.58	6.20	78.57	999.00	149.10	7.42	7.89	76.92	154.70	4.98	20.44	81.10	999.00	-1.74	999.00	-2.78	0.00
21	8	25	15	183.30	6.99	11.70	77.60	999.00	179.60	6.32	11.04	78.36	188.20	4.40	15.38	80.82	999.00	-4.00	999.00	-2.11	0.00
21	8	25	16	184.30	7.73	12.48	77.40	999.00	177.90	7.55	13.51	79.47	181.40	5.22	28.49	83.07	999.00	999.00	999.00	-4.00	0.00
21	8	25	17	181.30	8.48	14.36	999.00	999.00	177.10	8.13	18.65	999.00	175.30	5.33	26.59	85.05	999.00	999.00	999.00	-4.00	0.00
21	8	25	18	192.60	7.83	9.69	80.35	999.00	190.80	7.10	13.31	81.03	194.90	4.80	22.30	81.57	999.00	-2.13	999.00	-1.23	0.00
21	8	25	19	185.60	8.67	4.95	80.47	999.00	181.30	8.25	5.36	81.17	184.90	4.48	13.93	82.47	999.00	-1.72	999.00	-0.91	0.00
21	8	25	20	184.10	8.34	2.04	79.95	999.00	177.80	7.45	3.06	80.47	173.10	2.75	14.97	81.07	999.00	-0.74	999.00	-0.13	0.00
21	8	25	21	179.60	8.30	0.97	79.48	999.00	170.10	7.86	2.35	79.69	154.70	2.12	18.18	78.97	999.00	1.13	999.00	1.29	0.00
21	8	25	22	189.90	10.86	1.64	79.37	999.00	180.60	10.85	2.46	79.35	165.30	3.36	11.21	77.52	999.00	2.29	999.00	2.27	0.00
21	8	25	23	202.00	12.57	1.74	79.60	999.00	192.30	12.62	2.14	79.43	178.50	3.11	11.25	76.68	999.00	2.97	999.00	2.69	0.00
21	8	25	24	197.70	13.79	1.02	78.78	999.00	187.70	13.13	1.28	77.82	186.80	3.53	11.36	75.95	999.00	2.86	999.00	1.91	0.00
21	8	26	1	197.90	15.60	2.24	78.05	999.00	184.10	13.19	2.88	76.41	188.90	4.12	15.08	75.20	999.00	2.92	999.00	0.85	0.00
21	8	26	2	186.90	15.61	2.16	75.69	999.00	180.30	12.87	2.82	74.67	188.00	4.74	13.61	74.45	999.00	0.02	999.00	-0.25	0.00
21	8	26	3	189.40	18.02	2.72	74.21	999.00	184.40	14.90	3.14	73.54	190.60	5.93	14.75	73.57	999.00	0.49	999.00	0.00	0.00
21	8	26	4	192.20	17.73	3.13	73.32	999.00	185.10	13.40	4.51	72.73	192.80	4.86	14.30	72.95	999.00	0.91	999.00	-0.05	0.00
21	8	26	5	236.30	18.40	11.60	73.49	999.00	232.10	15.95	12.72	72.72	227.30	10.02	13.90	73.03	999.00	-0.59	999.00	-0.24	0.00
21	8	26	6	296.40	18.65	7.75	74.76	999.00	294.60	17.06	5.59	74.53	306.00	8.95	10.08	72.63	999.00	4.00	999.00	3.53	0.00
21	8	26	7	330.60	25.06	7.39	74.76	999.00	327.70	22.69	6.26	74.53	333.80	13.56	8.30	72.63	999.00	1.34	999.00	1.56	0.00
21	8	26	8	5.91	11.56	13.76	76.78	999.00	5.45	9.58	16.39	76.63	17.11	6.82	23.45	75.13	999.00	1.57	999.00	1.69	0.00
21	8	26	9	327.80	9.00	12.38	79.34	999.00	325.30	7.83	16.07	79.61	277.60	4.31	77.20	77.10	999.00	2.44	999.00	2.60	0.00
21	8	26	10	228.00	11.59	5.21	75.47	999.00	221.60	10.78	6.00	75.28	223.10	8.14	11.26	74.32	999.00	-1.86	999.00	-1.54	0.00
21	8	26	11	241.70	4.48	5.03	74.45	999.00	229.10	4.62	11.47	74.52	211.10	3.73	18.12	75.68	999.00	-0.25	999.00	-0.38	0.00
21	8	26	12	208.50	4.60	26.36	77.31	999.00	215.20	4.09	25.30	78.20	239.90	3.70	21.95	79.23	999.00	-2.61	999.00	-1.93	0.00
21	8	26	13	228.00	4.12	9.36	79.96	999.00	222.10	4.07	12.96	80.32	220.00	4.28	17.38	81.85	999.00	-2.13	999.00	-1.77	0.00
21	8	26	14	234.70	3.47	35.85	82.42	999.00	238.20	2.73	42.04	83.09	221.50	2.13	46.35	85.00	999.00	-2.94	999.00	-2.11	0.00
21	8	26	15	312.90	5.99	12.87	83.15	999.00	317.90	5.77	13.06	83.82	337.90	5.06	15.92	86.00	999.00	-2.81	999.00	-1.98	0.00
21	8	26	16	333.00	7.25	8.97	83.01	999.00	337.40	7.18	8.80	83.62	348.70	6.76	11.04	85.20	999.00	-1.86	999.00	-1.41	0.00

21	8	26	17	15.92	2.14	25.24	83.01	999.00	5.86	1.49	28.94	83.62	11.75	2.01	23.35	85.20	999.00	-0.73	999.00	-0.72	0.00
21	8	26	18	232.90	2.21	7.04	84.35	999.00	238.50	0.94	11.00	84.89	266.10	0.82	17.00	85.97	999.00	-1.46	999.00	-1.03	0.00
21	8	26	19	259.40	2.36	4.30	83.94	999.00	253.50	0.99	9.08	84.50	176.00	0.09	32.85	84.95	999.00	-0.26	999.00	0.41	0.00
21	8	26	20	232.00	7.07	3.93	83.03	999.00	224.20	6.34	3.64	83.30	202.80	2.83	13.09	82.60	999.00	0.53	999.00	0.81	0.00
21	8	26	21	277.80	10.13	3.24	82.41	999.00	271.40	10.46	5.44	82.31	238.40	3.72	6.26	80.57	999.00	2.84	999.00	2.72	0.00
21	8	26	22	283.00	7.75	2.38	82.18	999.00	271.90	6.68	5.68	81.93	133.60	1.40	25.26	79.15	999.00	3.39	999.00	2.75	0.00
21	8	26	23	270.90	10.11	9.64	81.97	999.00	255.60	9.37	9.59	81.44	182.00	2.90	12.67	78.18	999.00	3.56	999.00	2.52	0.00
21	8	26	24	315.20	6.91	38.84	80.38	999.00	317.50	6.03	45.92	79.83	327.80	4.03	52.44	76.93	999.00	0.04	999.00	0.00	0.00
21	8	27	1	33.16	2.25	16.83	78.19	999.00	24.84	0.59	14.62	78.18	174.90	1.31	11.08	77.33	999.00	1.74	999.00	1.83	0.00
21	8	27	2	72.00	2.41	11.76	78.04	999.00	204.90	0.92	62.16	77.97	161.80	1.41	16.36	76.05	999.00	2.16	999.00	2.13	0.00
21	8	27	3	75.90	3.80	7.44	77.31	999.00	61.92	1.41	46.00	77.16	146.80	1.00	34.77	75.07	999.00	2.54	999.00	2.38	0.00
21	8	27	4	80.50	2.86	10.90	76.68	999.00	215.20	0.90	46.02	76.31	177.40	2.77	13.96	74.20	999.00	2.39	999.00	1.80	0.00
21	8	27	5	58.84	2.96	20.92	75.84	999.00	281.40	0.76	79.00	75.47	164.70	2.05	10.38	73.28	999.00	2.19	999.00	1.76	0.00
21	8	27	6	111.30	7.91	7.49	75.59	999.00	126.40	5.19	12.37	75.32	171.10	3.71	9.24	72.88	999.00	3.20	999.00	2.93	0.00
21	8	27	7	106.60	6.56	2.70	74.94	999.00	121.80	4.38	4.03	74.36	180.40	2.61	7.47	72.13	999.00	3.04	999.00	2.61	0.00
21	8	27	8	100.00	5.30	5.22	999.00	999.00	134.10	2.92	16.58	999.00	206.80	1.53	25.47	72.17	999.00	3.00	999.00	2.59	0.00
21	8	27	9	151.10	6.43	14.11	75.11	999.00	172.60	5.07	13.25	75.09	185.60	3.79	17.63	74.50	999.00	-0.67	999.00	-0.26	0.00
21	8	27	10	163.40	5.80	8.56	75.30	999.00	164.80	5.77	9.38	76.65	182.30	4.97	13.62	77.48	999.00	-2.32	999.00	-0.83	0.00
21	8	27	11	201.40	5.82	11.48	76.28	999.00	203.50	5.74	12.12	77.22	220.00	6.03	16.41	78.38	999.00	-2.08	999.00	-1.49	0.00
21	8	27	12	218.10	9.50	5.79	75.84	999.00	218.10	9.39	6.36	76.24	221.60	7.50	12.54	78.07	999.00	-2.46	999.00	-2.01	0.00
21	8	27	13	208.00	9.79	6.89	76.85	999.00	206.70	9.28	7.19	77.28	210.10	6.97	17.01	79.28	999.00	-2.61	999.00	-2.22	0.00
21	8	27	14	226.50	9.03	11.47	79.84	999.00	223.40	8.55	11.68	80.28	230.90	7.13	15.38	82.53	999.00	-2.57	999.00	-2.11	0.00
21	8	27	15	231.20	8.86	7.79	79.84	999.00	229.70	8.83	8.68	80.28	234.80	6.48	15.00	82.53	999.00	-2.00	999.00	-1.57	0.00
21	8	27	16	252.30	4.24	18.31	81.67	999.00	248.10	4.04	16.41	82.14	250.50	3.15	29.32	84.03	999.00	-2.55	999.00	-2.09	0.00
21	8	27	17	231.20	3.19	30.76	82.95	999.00	244.90	2.68	24.18	83.28	253.60	2.28	23.79	85.13	999.00	-2.04	999.00	-1.91	0.00
21	8	27	18	82.50	6.23	8.46	82.30	999.00	78.70	6.08	9.16	82.87	88.80	4.59	18.33	84.03	999.00	-2.05	999.00	-1.38	0.00
21	8	27	19	114.60	6.59	4.70	81.39	999.00	107.30	6.04	4.85	81.81	111.10	3.63	15.32	83.18	999.00	-1.58	999.00	-1.26	0.00
21	8	27	20	126.30	7.48	5.97	80.98	999.00	116.00	7.26	5.49	81.41	110.00	3.23	12.33	82.13	999.00	-0.72	999.00	-0.31	0.00
21	8	27	21	115.20	10.08	4.12	81.00	999.00	113.30	8.33	5.22	81.34	119.00	2.99	15.14	81.40	999.00	-0.66	999.00	-0.24	0.00
21	8	27	22	123.30	11.15	2.70	81.00	999.00	114.90	10.45	2.83	81.34	107.30	4.22	13.12	81.40	999.00	-0.14	999.00	0.11	0.00
21	8	27	23	114.10	11.91	2.26	999.00	999.00	110.90	11.22	3.45	999.00	120.30	4.42	12.23	79.27	999.00	-0.37	999.00	0.04	0.00
21	8	27	24	136.80	9.07	2.58	999.00	999.00	135.70	7.61	4.59	999.00	128.90	2.68	18.36	79.27	999.00	-0.26	999.00	-0.38	0.00
21	8	28	1	170.20	12.16	5.61	78.36	999.00	158.60	11.25	5.67	77.86	166.00	2.61	22.49	77.07	999.00	2.04	999.00	1.60	0.00
21	8	28	2	188.70	12.84	3.67	76.67	999.00	178.40	10.24	4.26	76.65	167.50	2.95	18.52	75.68	999.00	0.15	999.00	0.01	0.00
21	8	28	3	190.30	14.49	2.47	76.67	999.00	181.80	12.51	2.28	76.65	183.90	4.10	16.02	75.68	999.00	1.23	999.00	0.81	0.00
21	8	28	4	197.70	16.41	3.12	73.84	999.00	190.20	13.83	3.31	73.73	190.70	5.55	15.48	73.40	999.00	0.32	999.00	0.19	0.00
21	8	28	5	211.30	14.25	2.84	72.86	999.00	203.90	11.22	3.27	72.56	196.50	4.39	13.23	72.38	999.00	0.44	999.00	0.18	0.00
21	8	28	6	224.80	10.41	5.04	72.15	999.00	218.90	7.76	6.83	71.83	217.70	2.58	22.30	71.50	999.00	0.35	999.00	0.26	0.00
21	8	28	7	207.40	13.70	2.17	71.52	999.00	195.30	11.82	1.75	71.32	192.10	4.74	12.95	71.15	999.00	0.34	999.00	0.15	0.00
21	8	28	8	210.90	17.26	2.76	70.80	999.00	200.10	13.78	4.06	70.09	201.90	5.90	14.05	70.40	999.00	0.68	999.00	-0.37	0.00
21	8	28	9	206.20	12.83	7.40	70.47	999.00	201.60	11.11	8.29	70.74	205.60	6.59	13.19	71.90	999.00	-1.96	999.00	-1.48	0.00
21	8	28	10	225.20	12.17	5.13	72.22	999.00	221.40	12.02	4.61	72.67	223.60	9.41	9.89	74.38	999.00	-2.20	999.00	-1.81	0.00
21	8	28	11	222.10	10.24	4.48	74.37	999.00	218.20	10.21	5.14	74.78	218.70	8.35	11.58	76.77	999.00	-2.39	999.00	-1.99	0.00
21	8	28	12	223.10	10.46	6.40	76.65	999.00	222.80	10.05	7.20	77.07	227.50	7.70	12.43	79.23	999.00	-2.58	999.00	-2.20	0.00
21	8	28	13	210.00	9.03	8.01	79.41	999.00	206.30	8.38	10.54	79.91	215.60	7.12	17.50	82.13	999.00	-2.83	999.00	-2.24	0.00
21	8	28	14	212.40	9.22	13.16	81.55	999.00	213.20	8.72	14.95	82.17	223.40	7.38	18.74	84.27	999.00	-2.47	999.00	-1.92	0.00

21	8	28	15	206.00	8.79	11.92	83.09	999.00	203.90	8.32	13.16	83.54	214.20	6.14	19.01	85.57	999.00	-2.73	999.00	-2.18	0.00
21	8	28	16	206.20	9.24	13.41	84.21	999.00	202.10	8.56	15.14	84.74	205.30	6.68	20.99	86.72	999.00	-2.51	999.00	-1.94	0.00
21	8	28	17	203.50	11.51	6.22	85.15	999.00	201.50	11.10	7.56	85.53	204.40	6.77	15.77	87.38	999.00	-2.17	999.00	-1.87	0.00
21	8	28	18	210.50	13.44	3.79	85.55	999.00	208.60	11.99	6.23	85.92	211.60	6.95	15.21	87.45	999.00	-1.53	999.00	-1.15	0.00
21	8	28	19	212.90	12.14	2.88	85.21	999.00	210.00	11.05	3.28	85.63	211.30	4.49	11.25	86.28	999.00	-0.28	999.00	0.17	0.00
21	8	28	20	235.10	9.70	9.90	83.82	999.00	233.10	8.60	11.32	84.03	241.00	5.08	11.29	83.38	999.00	-0.32	999.00	-0.07	0.00
21	8	28	21	225.70	13.90	5.61	81.08	999.00	228.00	11.71	4.75	80.58	225.00	3.88	16.62	80.13	999.00	2.37	999.00	1.65	0.00
21	8	28	22	221.00	12.21	3.35	80.87	999.00	221.70	8.58	9.43	80.65	247.30	2.99	25.87	78.57	999.00	2.02	999.00	1.31	0.00
21	8	28	23	210.50	12.05	4.60	80.40	999.00	200.70	9.57	3.31	79.71	189.30	2.50	13.09	78.03	999.00	2.46	999.00	1.69	0.00
21	8	28	24	216.60	12.82	1.52	80.23	999.00	206.50	11.36	1.90	79.72	192.40	3.70	10.11	77.70	999.00	2.24	999.00	1.77	0.00
21	8	29	1	214.00	14.92	1.86	80.10	999.00	206.00	12.71	2.80	78.72	187.60	4.31	10.65	76.98	999.00	4.59	999.00	2.68	0.00
21	8	29	2	205.00	15.31	1.87	81.30	999.00	194.70	13.70	1.74	79.42	193.40	3.49	9.89	76.05	999.00	5.10	999.00	2.68	0.00
21	8	29	3	205.20	9.89	8.07	78.34	999.00	207.90	7.19	17.75	76.64	254.20	3.34	53.56	75.38	999.00	0.41	999.00	0.29	0.00
21	8	29	4	215.70	11.00	9.12	75.37	999.00	219.00	8.17	11.23	75.14	244.50	3.44	23.25	74.98	999.00	0.62	999.00	0.47	0.00
21	8	29	5	221.60	12.67	3.81	75.29	999.00	218.70	8.88	5.21	74.99	221.30	4.03	7.77	74.55	999.00	0.98	999.00	0.32	0.00
21	8	29	6	230.50	11.31	2.05	74.68	999.00	229.90	7.70	3.95	74.44	194.90	2.72	12.43	73.85	999.00	1.05	999.00	0.75	0.00
21	8	29	7	215.70	13.81	3.65	75.96	999.00	208.00	11.11	4.43	75.10	183.10	4.19	10.53	73.00	999.00	3.05	999.00	2.62	0.00
21	8	29	8	220.10	16.62	2.51	75.47	999.00	206.30	12.44	3.39	74.30	190.50	4.15	12.29	73.00	999.00	2.54	999.00	0.87	0.00
21	8	29	9	227.40	14.14	4.16	76.21	999.00	216.20	10.68	5.86	74.97	212.00	5.92	12.68	75.13	999.00	-0.01	999.00	-0.75	0.00
21	8	29	10	218.80	10.37	6.05	76.89	999.00	215.20	9.45	6.76	77.14	218.80	7.56	12.24	78.75	999.00	-2.33	999.00	-1.92	0.00
21	8	29	11	223.30	9.96	4.82	76.89	999.00	220.90	9.64	4.52	77.14	222.60	6.95	11.53	78.75	999.00	-2.09	999.00	-1.70	0.00
21	8	29	12	226.10	11.09	10.87	81.44	999.00	224.70	10.57	12.52	81.84	232.40	8.05	11.44	83.88	999.00	-2.52	999.00	-2.07	0.00
21	8	29	13	231.30	15.53	7.40	83.35	999.00	229.50	14.35	7.56	83.74	232.40	10.49	12.68	85.75	999.00	-2.54	999.00	-2.15	0.00
21	8	29	14	228.60	16.65	7.76	84.56	999.00	227.40	15.90	8.19	84.96	231.50	11.54	11.79	87.05	999.00	-2.28	999.00	-1.91	0.00
21	8	29	15	209.40	15.95	9.65	84.95	999.00	207.20	14.80	11.19	85.38	214.00	10.50	17.55	87.57	999.00	-2.61	999.00	-2.18	0.00
21	8	29	16	207.80	18.69	6.21	86.26	999.00	205.30	17.56	7.35	86.73	210.30	11.61	14.82	88.78	999.00	-2.50	999.00	-2.05	0.00
21	8	29	17	217.80	19.46	6.66	86.71	999.00	215.30	18.17	7.74	87.07	221.20	13.32	11.53	88.88	999.00	-2.03	999.00	-1.66	0.00
21	8	29	18	221.00	17.98	5.40	86.52	999.00	217.90	16.58	6.03	86.91	221.10	10.80	11.50	88.28	999.00	-1.65	999.00	-1.27	0.00
21	8	29	19	224.40	17.95	4.08	86.18	999.00	222.00	16.28	5.08	86.50	221.90	10.01	10.72	87.45	999.00	-0.99	999.00	-0.73	0.00
21	8	29	20	221.40	16.59	1.60	85.01	999.00	216.80	14.38	2.45	85.22	209.40	5.70	12.77	85.10	999.00	0.57	999.00	0.70	0.00
21	8	29	21	301.90	26.10	5.37	82.17	999.00	299.90	26.30	6.94	82.00	306.60	17.14	12.31	81.60	999.00	-1.51	999.00	-1.14	0.45
21	8	29	22	223.50	17.65	5.83	75.40	999.00	219.10	15.69	6.78	75.82	217.90	9.70	11.56	76.55	999.00	-1.14	999.00	-0.76	0.15
21	8	29	23	202.60	19.12	6.56	70.49	999.00	195.90	16.12	5.67	70.81	195.10	7.16	16.00	71.22	999.00	0.31	999.00	0.44	0.14
21	8	29	24	191.10	19.27	3.65	68.92	999.00	187.70	16.58	4.51	68.90	193.50	7.37	15.61	69.37	999.00	-0.57	999.00	-0.81	0.01
21	8	30	1	213.20	19.29	3.16	69.47	999.00	210.10	16.21	4.51	69.07	214.00	8.28	11.63	69.64	999.00	-0.27	999.00	-0.44	0.00
21	8	30	2	229.50	20.62	4.45	70.47	999.00	227.70	17.71	5.55	70.58	227.20	10.74	11.67	70.19	999.00	0.08	999.00	0.49	0.00
21	8	30	3	236.00	22.56	5.67	71.13	999.00	232.80	19.93	6.38	71.56	235.20	13.26	9.03	71.30	999.00	-0.74	999.00	-0.22	0.00
21	8	30	4	233.20	15.23	5.77	999.00	999.00	228.70	13.88	6.42	999.00	226.40	8.59	11.03	71.43	999.00	-0.90	999.00	-0.36	0.00
21	8	30	5	235.00	16.72	5.38	999.00	999.00	231.00	14.83	6.50	999.00	229.10	9.87	10.59	71.43	999.00	-1.08	999.00	-0.56	0.00
21	8	30	6	240.80	14.92	7.45	69.70	999.00	238.10	13.32	8.44	70.24	237.50	9.32	10.50	70.95	999.00	-1.37	999.00	-0.84	0.00
21	8	30	7	250.10	16.79	4.22	69.17	999.00	246.50	14.56	5.09	69.59	243.50	7.86	9.79	70.21	999.00	-0.91	999.00	-0.56	0.00
21	8	30	8	247.50	11.20	5.35	69.07	999.00	242.10	10.01	6.77	69.50	245.80	5.65	12.04	70.20	999.00	-1.26	999.00	-0.77	0.00
21	8	30	9	271.60	8.63	8.13	69.04	999.00	261.40	7.46	9.30	69.41	250.10	5.12	14.50	70.40	999.00	-1.45	999.00	-1.04	0.00
21	8	30	10	282.40	7.61	10.42	70.47	999.00	276.30	7.04	10.23	70.95	269.80	5.19	15.77	72.07	999.00	-1.86	999.00	-1.31	0.00
21	8	30	11	326.00	5.55	10.52	72.69	999.00	328.10	5.32	11.46	73.27	339.50	4.88	18.57	75.30	999.00	-3.06	999.00	-2.44	0.00
21	8	30	12	274.70	4.30	16.69	74.77	999.00	281.50	4.00	18.04	75.34	288.30	2.99	32.30	78.22	999.00	-3.62	999.00	-3.07	0.00

21	8	30	13	222.20	4.79	13.85	76.79	999.00	217.50	4.90	13.83	77.34	215.70	3.93	23.77	79.65	999.00	-2.25	999.00	-1.77	0.00
21	8	30	14	221.80	5.64	22.17	78.16	999.00	222.30	5.31	24.79	78.64	231.20	4.09	40.21	80.63	999.00	-2.66	999.00	-2.14	0.00
21	8	30	15	48.99	4.74	29.30	78.52	999.00	47.39	4.47	28.29	78.99	53.08	3.65	44.68	80.75	999.00	-1.86	999.00	-1.36	0.00
21	8	30	16	25.71	4.93	18.88	78.73	999.00	24.60	4.65	16.99	79.07	22.37	5.49	12.79	80.00	999.00	-1.15	999.00	-0.71	0.00
21	8	30	17	16.05	2.91	24.13	79.08	999.00	22.28	2.73	19.40	79.50	42.93	2.77	27.76	79.92	999.00	-0.93	999.00	-0.44	0.00
21	8	30	18	324.70	3.44	26.32	78.73	999.00	327.30	3.01	28.64	79.14	352.80	1.28	38.00	79.95	999.00	-1.51	999.00	-0.97	0.00
21	8	30	19	271.80	5.42	14.14	79.04	999.00	260.80	4.23	16.73	79.53	236.60	1.75	16.09	80.60	999.00	-1.13	999.00	-0.76	0.00
21	8	30	20	293.80	9.03	3.79	79.07	999.00	288.70	8.11	4.24	79.51	265.30	2.91	8.91	79.52	999.00	0.01	999.00	0.39	0.00
21	8	30	21	302.60	8.05	3.69	78.67	999.00	291.90	7.37	4.80	78.94	232.00	3.18	7.03	77.92	999.00	1.17	999.00	1.31	0.00
21	8	30	22	308.80	6.71	5.06	78.54	999.00	301.00	6.49	6.47	78.85	219.50	2.77	19.63	75.78	999.00	3.47	999.00	3.86	0.00
21	8	30	23	296.30	6.79	2.57	78.11	999.00	287.10	6.46	3.05	78.32	210.80	1.03	19.94	73.63	999.00	5.22	999.00	5.36	0.00
21	8	30	24	298.90	7.85	1.05	77.61	999.00	291.70	8.01	1.33	77.80	201.60	0.48	92.10	72.57	999.00	5.66	999.00	5.87	0.00
21	8	31	1	307.80	9.72	1.17	76.94	999.00	300.50	9.68	3.53	76.96	237.20	1.22	20.95	71.75	999.00	5.28	999.00	5.25	0.00
21	8	31	2	318.90	11.90	4.76	75.85	999.00	316.10	11.14	5.36	76.06	280.50	4.19	13.22	71.38	999.00	3.54	999.00	3.91	0.00
21	8	31	3	334.60	10.05	5.64	74.93	999.00	329.80	9.50	6.53	75.38	263.60	1.49	34.67	71.05	999.00	5.09	999.00	5.53	0.00
21	8	31	4	5.26	10.27	11.27	74.75	999.00	1.42	9.07	11.49	75.23	5.32	7.56	11.20	73.75	999.00	-1.40	999.00	-0.84	0.00
21	8	31	5	12.08	14.12	7.16	73.84	999.00	10.28	11.59	7.46	74.40	14.93	10.02	10.55	75.25	999.00	-1.39	999.00	-0.85	0.00
21	8	31	6	24.18	13.68	6.00	72.90	999.00	20.91	11.31	6.87	73.43	26.12	11.22	10.63	74.35	999.00	-1.51	999.00	-0.96	0.00
21	8	31	7	33.31	13.31	8.38	72.40	999.00	31.27	12.53	8.43	72.97	32.67	10.14	13.46	73.95	999.00	-1.50	999.00	-0.92	0.00
21	8	31	8	37.53	14.04	7.67	71.85	999.00	33.39	13.01	8.64	72.42	37.36	9.43	13.11	73.30	999.00	-1.39	999.00	-0.82	0.00
21	8	31	9	38.28	10.39	11.82	72.57	999.00	35.58	9.50	11.36	73.19	38.32	8.06	16.12	73.97	999.00	-1.41	999.00	-0.71	0.00
21	8	31	10	43.18	10.48	7.67	72.95	999.00	39.85	9.88	9.18	73.51	48.16	7.58	13.51	74.50	999.00	-1.57	999.00	-1.08	0.00
21	8	31	11	37.62	10.55	11.21	73.25	999.00	35.19	10.11	10.07	73.68	36.60	8.59	14.81	74.77	999.00	-1.53	999.00	-1.11	0.00
21	8	31	12	39.33	11.43	10.49	73.64	999.00	34.76	10.42	10.42	74.02	40.70	8.76	16.14	75.22	999.00	-1.82	999.00	-1.32	0.00
21	8	31	13	39.94	12.12	9.42	73.33	999.00	36.12	11.74	8.97	73.68	36.17	10.70	15.82	75.13	999.00	-1.56	999.00	-1.24	0.00
21	8	31	14	42.14	11.89	9.78	73.41	999.00	38.58	11.82	8.80	73.79	41.62	9.81	16.71	75.30	999.00	-2.10	999.00	-1.72	0.00
21	8	31	15	39.65	11.88	10.74	73.74	999.00	35.33	11.35	10.26	74.21	40.08	10.04	14.87	75.88	999.00	-1.97	999.00	-1.62	0.00
21	8	31	16	56.91	11.85	9.16	73.94	999.00	51.87	11.49	10.44	74.43	56.67	9.07	14.04	76.00	999.00	-2.20	999.00	-1.64	0.00
21	8	31	17	56.03	11.79	7.77	73.94	999.00	51.30	11.45	8.55	74.43	55.47	8.63	15.37	76.00	999.00	-2.29	999.00	-1.61	0.00
21	8	31	18	69.28	10.98	9.52	73.86	999.00	64.31	10.82	9.58	74.58	67.27	7.24	16.24	76.00	999.00	-2.08	999.00	-1.39	0.00
21	8	31	19	70.70	11.20	6.84	73.70	999.00	67.09	10.54	6.61	74.32	69.73	7.07	13.94	75.52	999.00	-1.73	999.00	-1.13	0.00
21	8	31	20	67.32	12.72	5.51	73.64	999.00	63.14	12.03	6.67	74.20	68.04	7.23	14.83	74.97	999.00	-1.09	999.00	-0.58	0.00
21	8	31	21	65.78	16.96	8.04	73.56	999.00	62.31	15.77	8.51	74.04	62.84	8.49	14.59	74.40	999.00	-0.84	999.00	-0.37	0.00
21	8	31	22	44.96	25.03	5.83	73.25	999.00	41.42	23.06	7.08	73.77	41.53	14.74	12.55	74.57	999.00	-1.55	999.00	-0.98	0.00
21	8	31	23	44.45	24.17	6.09	71.80	999.00	41.16	22.35	6.94	72.38	45.93	14.47	12.28	73.38	999.00	-1.50	999.00	-0.93	0.00
21	8	31	24	40.32	24.78	5.76	70.88	999.00	36.00	22.97	7.43	71.46	34.23	15.66	12.02	72.45	999.00	-1.62	999.00	-1.05	0.00
21	9	1	1	42.82	26.15	7.17	70.29	999.00	39.46	24.50	7.01	70.87	41.83	15.95	11.57	71.85	999.00	-1.53	999.00	-0.97	0.00
21	9	1	2	39.72	24.59	7.57	69.59	999.00	36.57	22.89	8.04	70.18	35.60	16.52	11.23	71.20	999.00	-1.60	999.00	-1.02	0.00
21	9	1	3	32.55	24.34	7.53	68.91	999.00	29.24	22.12	8.43	69.51	27.34	18.93	8.99	70.60	999.00	-1.69	999.00	-1.10	0.00
21	9	1	4	39.24	24.33	6.79	68.85	999.00	36.81	22.36	7.69	69.44	32.99	16.86	11.54	70.52	999.00	-1.58	999.00	-1.00	0.00
21	9	1	5	32.07	20.13	8.26	68.30	999.00	28.47	18.34	8.71	68.88	28.06	17.01	9.96	69.92	999.00	-1.75	999.00	-1.15	0.00
21	9	1	6	33.47	22.51	8.07	67.60	999.00	29.36	20.74	8.46	68.19	28.87	17.95	10.02	69.35	999.00	-1.74	999.00	-1.15	0.00
21	9	1	7	29.20	22.99	7.70	67.43	999.00	25.97	20.77	7.48	68.02	28.88	18.96	9.37	69.17	999.00	-1.75	999.00	-1.16	0.00
21	9	1	8	30.63	22.10	6.09	67.07	999.00	27.78	20.77	6.98	67.66	28.31	18.04	9.01	68.82	999.00	-1.73	999.00	-1.13	0.00
21	9	1	9	30.81	21.22	7.43	67.72	999.00	27.90	19.71	8.02	68.37	28.55	17.01	9.47	69.49	999.00	-1.81	999.00	-1.13	0.00
21	9	1	10	24.05	21.17	5.80	67.84	999.00	21.06	17.53	7.42	68.51	25.47	16.44	10.10	69.75	999.00	-1.97	999.00	-1.34	0.00

21	9	1	11	23.58	20.68	6.88	67.47	999.00	22.40	17.52	7.70	68.05	29.79	16.57	10.71	69.42	999.00	-1.95	999.00	-1.37	0.00
21	9	1	12	22.02	18.76	6.73	68.06	999.00	18.11	14.59	7.20	68.59	20.27	15.45	11.24	70.04	999.00	-2.18	999.00	-1.61	0.00
21	9	1	13	29.58	21.53	6.46	69.65	999.00	27.25	19.24	7.45	70.19	31.13	17.55	11.04	71.68	999.00	-2.08	999.00	-1.55	0.00
21	9	1	14	40.19	19.71	7.51	70.93	999.00	36.64	18.53	8.56	71.48	35.87	14.02	12.94	73.20	999.00	-2.30	999.00	-1.80	0.00
21	9	1	15	41.62	18.25	9.23	71.78	999.00	37.45	16.95	9.45	72.32	35.25	13.85	15.11	74.22	999.00	-2.59	999.00	-2.01	0.00
21	9	1	16	44.74	18.04	7.00	71.78	999.00	40.54	17.37	7.19	72.32	46.36	13.35	12.93	74.22	999.00	-2.28	999.00	-1.76	0.00
21	9	1	17	44.54	14.41	9.29	72.51	999.00	41.20	13.57	9.43	73.08	44.18	9.69	14.19	74.90	999.00	-2.14	999.00	-1.59	0.00
21	9	1	18	18.87	15.83	13.11	72.66	999.00	16.60	13.19	14.12	73.21	20.60	11.86	17.50	74.52	999.00	-1.79	999.00	-1.20	0.00
21	9	1	19	11.48	20.57	7.31	73.06	999.00	10.11	16.52	8.67	73.49	11.65	15.35	10.52	74.72	999.00	-1.66	999.00	-1.17	0.00
21	9	1	20	21.07	19.69	5.57	71.90	999.00	19.08	15.51	7.04	72.44	21.81	15.21	10.33	73.50	999.00	-1.59	999.00	-1.02	0.00
21	9	1	21	17.73	20.58	7.74	70.88	999.00	15.61	16.34	8.66	71.45	20.27	15.30	12.18	72.47	999.00	-1.60	999.00	-1.03	0.00
21	9	1	22	15.93	23.52	4.31	69.93	999.00	13.76	18.74	5.98	70.50	17.54	17.16	9.55	71.52	999.00	-1.62	999.00	-1.04	0.00
21	9	1	23	14.22	25.55	3.88	68.77	999.00	13.06	20.11	6.39	69.33	17.24	17.96	10.02	70.39	999.00	-1.64	999.00	-1.06	0.00
21	9	1	24	15.69	24.36	2.72	68.00	999.00	14.15	18.75	4.04	68.57	19.30	17.72	9.28	69.63	999.00	-1.64	999.00	-1.07	0.00
21	9	2	1	20.32	18.99	8.50	68.00	999.00	18.11	15.06	9.27	68.57	21.61	14.17	10.81	69.63	999.00	-1.60	999.00	-1.02	0.00
21	9	2	2	28.56	19.66	7.44	67.36	999.00	25.98	17.57	8.20	67.94	27.78	15.97	10.09	69.00	999.00	-1.63	999.00	-1.05	0.00
21	9	2	3	26.69	19.01	8.16	66.85	999.00	23.95	16.42	8.95	67.44	29.89	14.73	9.68	68.49	999.00	-1.62	999.00	-1.03	0.00
21	9	2	4	39.61	22.09	6.71	66.31	999.00	35.48	19.78	8.06	66.89	36.10	14.49	12.03	67.85	999.00	-1.46	999.00	-0.88	0.00
21	9	2	5	37.16	15.58	10.05	66.47	999.00	34.03	14.22	10.49	67.05	33.96	11.52	13.20	67.83	999.00	-1.29	999.00	-0.72	0.00
21	9	2	6	26.77	14.91	9.16	66.49	999.00	24.69	12.71	9.87	67.07	26.10	11.33	12.00	67.86	999.00	-1.45	999.00	-0.86	0.00
21	9	2	7	23.49	14.16	7.43	66.47	999.00	20.46	11.77	8.01	67.05	21.15	11.52	9.39	67.84	999.00	-1.44	999.00	-0.86	0.00
21	9	2	8	18.84	14.76	6.39	66.64	999.00	15.57	11.60	6.44	67.30	17.52	11.07	11.59	68.06	999.00	-1.45	999.00	-0.77	0.00
21	9	2	9	23.59	9.30	11.81	67.23	999.00	19.06	8.52	11.25	67.95	25.27	8.59	12.41	68.62	999.00	-1.29	999.00	-0.62	0.00
21	9	2	10	22.24	10.02	9.61	67.93	999.00	20.24	8.19	9.98	68.52	23.22	9.11	12.48	69.18	999.00	-1.29	999.00	-0.79	0.00
21	9	2	11	20.84	7.92	14.88	68.36	999.00	17.82	6.93	15.55	68.77	23.77	6.96	21.02	69.52	999.00	-1.20	999.00	-0.78	0.00
21	9	2	12	6.36	8.10	22.39	68.87	999.00	7.77	7.59	21.90	69.20	17.78	6.74	26.85	70.09	999.00	-1.22	999.00	-0.90	0.00
21	9	2	13	351.30	8.07	15.13	69.03	999.00	350.10	7.83	14.56	69.39	354.70	6.79	17.49	70.88	999.00	-1.89	999.00	-1.58	0.00
21	9	2	14	322.50	6.35	17.43	69.09	999.00	319.10	5.89	18.38	69.57	315.10	4.19	41.67	71.78	999.00	-3.44	999.00	-2.73	0.00
21	9	2	15	349.70	6.45	20.18	69.70	999.00	346.90	6.02	16.22	70.20	356.00	5.39	22.52	72.00	999.00	-2.11	999.00	-1.65	0.00
21	9	2	16	18.98	5.71	24.20	70.47	999.00	14.90	5.04	23.93	70.98	13.97	5.45	20.18	72.43	999.00	-1.71	999.00	-1.31	0.00
21	9	2	17	41.84	4.60	27.91	71.14	999.00	30.13	4.46	25.50	71.50	31.64	3.62	37.98	72.55	999.00	-1.48	999.00	-1.01	0.00
21	9	2	18	77.70	4.21	16.44	999.00	999.00	74.80	3.95	16.26	999.00	78.10	2.72	31.34	72.70	999.00	-2.02	999.00	-1.33	0.00
21	9	2	19	103.80	4.18	12.15	70.49	999.00	100.60	4.05	11.33	71.10	116.20	2.61	16.19	72.30	999.00	-1.61	999.00	-1.00	0.00
21	9	2	20	84.30	4.98	5.58	70.22	999.00	85.10	4.45	5.93	70.80	112.00	1.43	9.96	71.20	999.00	-0.32	999.00	0.12	0.00
21	9	2	21	349.80	1.50	93.50	70.15	999.00	249.20	1.83	43.76	70.53	218.70	2.37	29.83	69.69	999.00	0.73	999.00	1.28	0.00
21	9	2	22	28.40	3.86	40.94	69.96	999.00	3.80	2.37	37.82	70.42	266.80	1.66	72.40	67.05	999.00	2.75	999.00	3.03	0.00
21	9	2	23	47.51	19.06	4.84	70.17	999.00	43.88	18.27	5.05	70.59	50.41	11.13	12.83	69.51	999.00	-1.04	999.00	-0.54	0.00
21	9	2	24	51.46	17.06	5.34	68.79	999.00	46.85	16.01	6.85	69.28	52.56	10.10	11.90	69.82	999.00	-0.92	999.00	-0.45	0.00
21	9	3	1	50.79	16.35	6.71	67.63	999.00	47.37	15.35	7.25	68.14	55.07	9.67	11.34	68.66	999.00	-1.04	999.00	-0.53	0.00
21	9	3	2	61.35	13.65	5.86	66.70	999.00	58.01	13.34	6.90	67.16	61.53	7.87	10.61	67.53	999.00	-0.59	999.00	-0.15	0.00
21	9	3	3	52.64	11.27	6.18	66.32	999.00	49.24	10.74	6.39	66.81	59.13	6.24	11.83	66.94	999.00	-0.75	999.00	-0.25	0.00
21	9	3	4	57.34	11.50	6.88	65.68	999.00	53.08	11.10	6.79	66.18	59.07	6.38	12.02	66.63	999.00	-0.92	999.00	-0.40	0.00
21	9	3	5	40.65	9.08	9.66	65.10	999.00	39.72	8.99	7.26	65.66	56.28	5.45	12.08	66.05	999.00	-0.88	999.00	-0.31	0.00
21	9	3	6	33.96	8.40	10.66	64.66	999.00	31.79	7.91	10.23	65.24	35.40	6.36	15.23	65.64	999.00	-1.14	999.00	-0.56	0.00
21	9	3	7	39.96	9.64	7.73	64.31	999.00	36.77	9.64	7.28	64.92	46.83	6.57	10.68	65.31	999.00	-0.95	999.00	-0.32	0.00
21	9	3	8	46.16	10.13	6.16	64.31	999.00	43.07	9.85	6.22	64.92	51.84	6.57	10.88	65.31	999.00	-0.87	999.00	-0.25	0.00

21	9	3	9	66.47	7.30	9.96	64.63	999.00	64.92	6.96	9.47	65.37	83.40	4.27	19.46	66.09	999.00	-1.88	999.00	-1.01	0.00
21	9	3	10	52.42	5.67	10.65	65.25	999.00	50.69	5.75	10.86	66.02	54.77	4.35	23.92	66.93	999.00	-1.54	999.00	-0.97	0.00
21	9	3	11	13.83	5.13	29.74	65.25	999.00	13.38	4.77	29.16	66.02	17.85	4.32	47.22	66.93	999.00	-1.60	999.00	-0.84	0.00
21	9	3	12	19.69	3.27	21.86	67.39	999.00	8.59	3.03	20.60	67.73	2.81	3.29	22.33	68.73	999.00	-1.08	999.00	-0.91	0.00
21	9	3	13	2.85	6.31	16.23	67.05	999.00	1.08	5.70	17.39	67.53	359.60	4.84	25.18	68.51	999.00	-1.49	999.00	-1.06	0.00
21	9	3	14	21.00	7.02	16.70	67.78	999.00	16.95	5.88	16.39	68.18	8.68	5.93	21.17	69.71	999.00	-1.82	999.00	-1.26	0.00
21	9	3	15	45.31	8.50	11.64	67.94	999.00	40.19	8.45	11.34	68.23	38.89	7.29	22.76	69.49	999.00	-1.52	999.00	-1.18	0.00
21	9	3	16	62.05	7.21	17.59	67.77	999.00	58.76	7.28	17.26	68.37	63.57	5.57	23.68	69.97	999.00	-2.06	999.00	-1.52	0.00
21	9	3	17	46.51	7.28	12.11	67.77	999.00	43.22	6.80	14.32	68.37	41.39	5.53	20.01	69.97	999.00	-1.75	999.00	-1.16	0.00
21	9	3	18	82.60	6.95	13.24	68.04	999.00	81.80	6.24	18.08	68.73	96.30	4.21	23.61	70.22	999.00	-2.56	999.00	-1.72	0.00
21	9	3	19	86.00	7.73	4.37	67.78	999.00	80.30	7.49	4.75	68.39	87.80	4.28	11.87	69.40	999.00	-1.42	999.00	-0.86	0.00
21	9	3	20	97.30	9.03	5.39	67.57	999.00	93.10	8.80	6.36	68.11	96.30	3.92	15.78	68.60	999.00	-0.88	999.00	-0.35	0.00
21	9	3	21	109.90	8.27	5.87	67.58	999.00	110.90	7.25	6.29	68.07	127.90	3.27	13.24	68.38	999.00	-0.80	999.00	-0.42	0.00
21	9	3	22	105.50	10.50	3.52	67.75	999.00	100.70	10.00	4.55	68.16	108.80	4.22	13.04	68.24	999.00	-0.58	999.00	-0.07	0.00
21	9	3	23	107.90	10.60	6.23	67.75	999.00	104.40	9.45	6.58	68.16	109.60	3.82	20.51	68.24	999.00	-0.85	999.00	-0.39	0.00
21	9	3	24	133.80	10.43	4.36	67.63	999.00	136.00	9.74	3.15	67.89	155.50	1.71	27.61	67.94	999.00	0.18	999.00	0.29	0.00
21	9	4	1	141.80	10.32	1.31	66.34	999.00	144.60	9.29	2.65	66.56	160.00	2.53	18.05	66.58	999.00	-0.17	999.00	-0.09	0.00
21	9	4	2	132.20	12.57	1.75	66.02	999.00	131.60	9.93	4.38	65.79	129.60	2.36	23.97	65.79	999.00	0.37	999.00	0.04	0.00
21	9	4	3	135.60	9.76	1.35	66.14	999.00	130.80	8.48	1.57	66.18	136.50	1.94	23.86	65.77	999.00	0.38	999.00	0.64	0.00
21	9	4	4	142.10	9.71	4.36	65.50	999.00	137.90	8.78	3.08	65.63	153.30	2.82	25.67	65.37	999.00	0.04	999.00	0.18	0.00
21	9	4	5	151.80	12.35	2.06	64.68	999.00	140.20	10.17	2.57	64.64	138.30	3.82	16.59	64.57	999.00	0.09	999.00	-0.31	0.00
21	9	4	6	169.40	14.86	1.34	65.90	999.00	154.50	12.00	2.11	64.18	157.90	3.69	17.20	63.67	999.00	2.64	999.00	1.06	0.00
21	9	4	7	174.20	16.62	1.28	65.43	999.00	164.00	13.41	1.46	64.05	169.50	3.64	19.78	62.90	999.00	1.99	999.00	0.89	0.00
21	9	4	8	177.70	17.40	1.25	65.28	999.00	167.00	12.92	2.95	63.66	170.20	3.81	18.40	62.68	999.00	2.37	999.00	0.67	0.00
21	9	4	9	177.50	13.73	2.83	64.42	999.00	169.60	10.84	4.36	63.73	172.00	4.36	19.57	64.04	999.00	-0.24	999.00	-0.51	0.00
21	9	4	10	171.40	10.13	5.28	64.74	999.00	167.50	8.99	7.32	65.12	171.90	4.49	20.09	66.11	999.00	-1.82	999.00	-1.10	0.00
21	9	4	11	172.30	9.90	6.60	66.76	999.00	167.80	9.81	7.31	67.64	172.30	5.29	17.72	68.82	999.00	-2.18	999.00	-1.29	0.00
21	9	4	12	183.20	11.91	8.64	69.03	999.00	179.70	11.49	10.68	70.02	185.70	7.14	20.68	71.35	999.00	-2.65	999.00	-1.66	0.00
21	9	4	13	191.90	11.43	11.79	70.95	999.00	189.00	10.78	13.31	71.94	194.70	6.80	25.12	73.45	999.00	-2.39	999.00	-1.55	0.00
21	9	4	14	173.80	12.20	9.99	72.04	999.00	171.50	11.52	10.88	72.82	180.70	6.72	18.85	74.33	999.00	-2.32	999.00	-1.32	0.00
21	9	4	15	171.80	13.71	6.54	72.63	999.00	167.40	12.65	8.72	73.41	176.10	8.06	20.07	75.00	999.00	-2.29	999.00	-1.38	0.00
21	9	4	16	169.20	10.84	8.34	73.08	999.00	165.20	10.20	9.43	73.94	174.30	5.60	21.12	75.15	999.00	-2.07	999.00	-1.18	0.00
21	9	4	17	170.30	10.74	6.08	999.00	999.00	166.90	10.03	6.35	999.00	171.10	5.43	17.89	75.73	999.00	-1.60	999.00	-0.84	0.00
21	9	4	18	201.10	14.82	3.46	74.67	999.00	197.90	12.61	5.10	75.19	199.10	5.32	14.58	75.80	999.00	-0.65	999.00	-0.39	0.00
21	9	4	19	188.10	14.88	7.18	74.59	999.00	181.70	12.43	7.90	74.89	184.20	4.75	15.69	75.10	999.00	-0.46	999.00	-0.19	0.00
21	9	4	20	215.40	20.20	4.45	70.50	999.00	213.60	18.57	4.84	70.94	215.50	10.95	11.75	71.86	999.00	-1.50	999.00	-1.00	0.00
21	9	4	21	204.50	15.81	4.41	67.24	999.00	201.00	14.04	5.86	67.74	207.40	7.89	13.78	68.75	999.00	-1.54	999.00	-1.05	0.00
21	9	4	22	215.70	16.11	4.69	66.82	999.00	213.80	14.56	5.73	67.33	215.00	8.56	12.66	68.31	999.00	-1.45	999.00	-0.91	0.02
21	9	4	23	201.90	18.25	5.72	65.60	999.00	198.00	15.85	6.56	66.15	200.70	7.07	14.49	66.69	999.00	-0.40	999.00	0.14	0.01
21	9	4	24	204.50	15.21	5.82	64.23	999.00	199.90	13.09	6.58	64.76	200.60	6.57	16.08	64.90	999.00	-0.75	999.00	-0.27	0.02
21	9	5	1	218.30	13.79	6.06	64.23	999.00	214.50	11.79	6.64	64.76	212.70	6.61	12.96	64.90	999.00	-1.53	999.00	-1.05	0.00
21	9	5	2	229.60	12.18	6.37	63.55	999.00	225.10	10.42	8.31	64.07	221.90	6.61	11.81	65.16	999.00	-1.64	999.00	-1.15	0.00
21	9	5	3	243.70	10.54	6.52	64.16	999.00	240.00	8.83	7.08	64.66	241.20	5.37	8.78	65.74	999.00	-1.50	999.00	-1.01	0.00
21	9	5	4	253.70	12.83	6.26	64.76	999.00	247.50	11.68	5.91	65.26	242.20	7.00	10.22	66.13	999.00	-1.34	999.00	-0.84	0.00
21	9	5	5	260.50	12.89	5.69	64.76	999.00	254.90	11.15	6.57	65.24	251.10	6.76	11.18	65.98	999.00	-1.12	999.00	-0.65	0.00
21	9	5	6	280.70	13.68	2.68	64.88	999.00	272.30	11.74	3.67	65.20	258.30	5.58	10.18	65.77	999.00	-0.69	999.00	-0.45	0.00

21	9	5	7	284.30	10.53	12.93	65.77	999.00	270.50	10.02	14.04	65.98	242.20	6.07	8.15	65.92	999.00	-0.05	999.00	0.10	0.00
21	9	5	8	279.40	14.20	6.52	65.22	999.00	269.40	12.92	6.58	65.32	259.70	6.45	11.24	65.83	999.00	-0.81	999.00	-0.62	0.00
21	9	5	9	284.20	12.74	7.59	64.56	999.00	277.80	11.71	8.76	64.76	269.50	7.13	14.72	65.69	999.00	-1.52	999.00	-1.11	0.00
21	9	5	10	313.90	16.35	5.67	64.87	999.00	310.50	15.75	6.45	65.44	312.20	10.84	12.38	67.28	999.00	-2.45	999.00	-1.86	0.00
21	9	5	11	304.20	12.11	8.74	66.73	999.00	302.30	12.11	9.07	66.96	309.90	8.37	17.57	70.34	999.00	-4.00	999.00	-4.00	0.00
21	9	5	12	292.30	9.59	12.83	68.96	999.00	291.00	9.53	12.86	69.22	306.40	7.23	18.09	72.57	999.00	-3.44	999.00	-3.18	0.00
21	9	5	13	301.50	10.09	10.82	69.85	999.00	297.90	9.99	10.29	70.46	301.90	7.28	19.67	72.65	999.00	-3.67	999.00	-3.08	0.00
21	9	5	14	288.80	10.01	14.44	71.83	999.00	286.90	9.53	16.11	72.43	292.80	6.58	25.83	75.50	999.00	-3.57	999.00	-2.94	0.00
21	9	5	15	254.90	11.51	15.88	999.00	999.00	252.20	10.86	15.79	999.00	251.90	8.02	22.37	76.37	999.00	-3.06	999.00	-2.59	0.00
21	9	5	16	232.40	13.78	8.54	74.13	999.00	231.00	13.15	8.83	74.63	228.50	10.18	12.58	76.63	999.00	-2.74	999.00	-2.32	0.00
21	9	5	17	267.60	11.51	10.62	74.94	999.00	262.70	10.46	10.40	75.34	256.30	6.44	11.97	76.85	999.00	-1.18	999.00	-0.75	0.00
21	9	5	18	277.20	10.09	7.77	75.45	999.00	271.10	8.66	8.82	75.86	255.10	4.91	13.13	76.65	999.00	-1.07	999.00	-0.68	0.00
21	9	5	19	247.90	12.56	6.85	75.96	999.00	245.90	10.66	7.92	76.36	249.70	6.17	12.59	77.47	999.00	-1.02	999.00	-0.70	0.00
21	9	5	20	268.10	18.57	3.01	75.13	999.00	262.70	16.17	3.77	75.23	259.30	7.05	9.58	74.78	999.00	1.35	999.00	1.25	0.00
21	9	5	21	276.90	20.09	3.15	74.09	999.00	269.70	16.85	3.82	74.01	250.40	6.56	7.46	71.75	999.00	2.60	999.00	2.41	0.00
21	9	5	22	281.70	18.19	3.15	73.28	999.00	276.70	14.83	2.99	72.94	261.90	5.37	6.07	69.55	999.00	3.74	999.00	3.32	0.00
21	9	5	23	268.80	16.86	1.40	72.43	999.00	257.40	14.64	3.07	71.56	210.00	3.85	10.58	67.76	999.00	5.84	999.00	4.68	0.00
21	9	5	24	254.90	15.46	3.27	71.35	999.00	242.30	14.83	4.95	70.20	196.10	4.94	12.18	65.28	999.00	6.63	999.00	5.26	0.00
21	9	6	1	238.50	18.65	1.77	71.48	999.00	224.30	16.84	1.79	69.51	193.40	5.42	9.85	63.89	999.00	7.80	999.00	5.47	0.00
21	9	6	2	219.80	21.63	1.85	68.83	999.00	211.80	16.52	3.09	66.23	204.60	4.46	13.70	63.01	999.00	3.58	999.00	2.17	0.00
21	9	6	3	223.00	24.52	2.69	66.10	999.00	217.60	19.40	4.58	64.81	214.70	8.18	13.12	63.53	999.00	1.72	999.00	0.75	0.00
21	9	6	4	269.00	16.21	5.56	66.10	999.00	258.40	15.01	4.57	64.81	253.40	7.70	10.90	63.53	999.00	0.09	999.00	-0.04	0.00
21	9	6	5	251.10	14.71	6.05	65.00	999.00	237.70	11.48	6.75	64.62	220.80	6.15	10.81	64.44	999.00	0.78	999.00	0.18	0.00
21	9	6	6	235.90	17.73	4.41	63.66	999.00	225.50	14.58	4.49	62.99	214.90	7.55	11.05	62.90	999.00	0.71	999.00	0.03	0.00
21	9	6	7	238.80	18.75	3.51	61.87	999.00	232.30	15.35	4.64	61.52	229.30	9.43	9.59	61.64	999.00	0.02	999.00	-0.12	0.00
21	9	6	8	243.40	15.47	6.14	61.07	999.00	237.10	12.31	7.55	60.96	237.00	7.81	9.70	61.25	999.00	-0.76	999.00	-0.57	0.00
21	9	6	9	260.00	13.63	7.03	61.06	999.00	253.10	11.48	7.66	61.17	246.60	7.39	12.34	62.08	999.00	-1.63	999.00	-1.37	0.00
21	9	6	10	283.90	9.91	11.25	63.02	999.00	277.30	9.69	12.18	63.60	278.10	7.38	14.45	65.51	999.00	-2.83	999.00	-2.22	0.00
21	9	6	11	298.60	10.16	8.67	65.87	999.00	295.90	10.40	9.88	66.42	296.40	8.46	16.52	69.00	999.00	-3.23	999.00	-2.69	0.00
21	9	6	12	295.70	8.45	11.08	67.78	999.00	296.40	7.99	10.94	68.35	308.70	6.22	19.21	71.10	999.00	-3.44	999.00	-2.84	0.00
21	9	6	13	321.80	11.91	9.51	67.78	999.00	319.20	11.97	9.54	68.35	325.20	9.40	15.51	71.10	999.00	-2.78	999.00	-2.11	0.00
21	9	6	14	317.50	12.19	9.84	70.53	999.00	317.30	12.16	10.08	71.14	322.30	10.06	16.45	73.45	999.00	-2.70	999.00	-2.09	0.00
21	9	6	15	316.00	14.14	7.75	71.99	999.00	315.30	13.92	7.91	72.64	324.40	11.88	13.05	74.70	999.00	-2.69	999.00	-2.04	0.00
21	9	6	16	320.40	11.71	9.40	72.62	999.00	319.20	11.34	10.91	73.29	326.00	9.24	18.24	75.57	999.00	-2.65	999.00	-2.03	0.00
21	9	6	17	328.50	9.58	9.38	73.27	999.00	330.00	9.89	7.80	73.88	338.20	8.37	12.20	75.77	999.00	-2.02	999.00	-1.39	0.00
21	9	6	18	317.60	8.61	11.20	73.77	999.00	313.70	8.61	10.49	74.40	320.40	6.47	16.15	76.30	999.00	-2.58	999.00	-1.88	0.00
21	9	6	19	312.40	8.68	8.52	999.00	999.00	311.50	8.12	9.23	999.00	310.20	4.40	15.16	75.87	999.00	-2.13	999.00	-1.57	0.00
21	9	6	20	303.80	8.78	2.39	73.22	999.00	301.00	8.42	3.00	73.69	284.00	3.23	8.03	73.95	999.00	0.15	999.00	0.58	0.00
21	9	6	21	318.80	9.06	5.26	72.78	999.00	315.20	8.20	5.59	73.21	250.90	2.20	18.00	71.45	999.00	1.67	999.00	2.09	0.00
21	9	6	22	13.74	4.45	8.86	72.04	999.00	14.67	3.39	8.42	72.57	171.30	2.31	13.70	69.70	999.00	2.71	999.00	3.31	0.00
21	9	6	23	355.30	3.43	7.47	71.18	999.00	348.10	2.79	6.62	71.63	214.50	2.00	10.16	66.71	999.00	4.96	999.00	5.39	0.00
21	9	6	24	199.00	3.76	6.27	70.36	999.00	187.30	5.93	7.07	70.63	171.40	3.69	11.09	65.48	999.00	5.75	999.00	5.64	0.00
21	9	7	1	182.10	7.80	2.28	69.37	999.00	174.40	9.94	1.34	69.07	188.00	3.45	7.68	63.87	999.00	5.71	999.00	5.45	0.00
21	9	7	2	179.70	10.69	3.50	69.63	999.00	170.60	13.44	3.46	68.52	197.50	3.01	9.09	62.82	999.00	6.94	999.00	4.90	0.00
21	9	7	3	186.80	11.46	4.69	68.84	999.00	189.00	12.28	3.90	66.62	193.00	3.50	8.83	61.60	999.00	7.21	999.00	5.94	0.00
21	9	7	4	208.40	11.88	2.71	68.45	999.00	207.00	12.17	1.58	67.45	191.80	4.20	9.30	60.89	999.00	7.68	999.00	6.50	0.00

21	9	7	5	203.50	15.93	3.19	67.38	999.00	205.30	13.42	4.00	66.19	190.60	4.03	11.43	59.91	999.00	7.51	999.00	6.14	0.00
21	9	7	6	205.20	15.58	2.38	67.37	999.00	208.30	13.69	1.12	66.47	189.10	4.05	6.94	59.49	999.00	7.97	999.00	6.85	0.00
21	9	7	7	191.80	18.37	1.24	999.00	999.00	184.80	14.93	3.00	65.44	185.30	3.42	13.25	59.27	999.00	999.00	999.00	5.06	0.00
21	9	7	8	193.00	17.41	2.58	67.53	999.00	185.90	16.59	2.44	65.75	180.70	5.05	11.15	59.65	999.00	7.25	999.00	5.71	0.00
21	9	7	9	199.70	15.47	4.73	65.42	999.00	189.30	12.49	5.45	63.62	191.20	5.73	16.15	62.72	999.00	-0.46	999.00	-0.73	0.00
21	9	7	10	206.20	13.18	7.41	64.96	999.00	201.50	12.06	8.23	65.43	203.90	7.96	15.21	66.94	999.00	-2.41	999.00	-1.97	0.00
21	9	7	11	207.50	13.84	6.88	64.96	999.00	203.40	13.05	8.30	65.43	210.20	8.56	16.44	66.94	999.00	-2.89	999.00	-2.36	0.00
21	9	7	12	199.80	16.58	6.56	73.63	999.00	197.20	16.10	7.21	74.09	203.00	10.67	15.52	76.43	999.00	-2.80	999.00	-2.33	0.00
21	9	7	13	203.60	20.35	7.24	77.16	999.00	200.30	19.39	7.97	77.67	199.60	11.46	18.11	79.97	999.00	-2.59	999.00	-2.11	0.00
21	9	7	14	212.50	26.22	7.43	77.16	999.00	210.10	24.08	8.02	77.67	210.80	15.05	14.62	79.97	999.00	-2.66	999.00	-2.22	0.00
21	9	7	15	211.60	28.86	7.99	81.50	999.00	208.90	26.76	8.88	81.95	213.20	16.72	15.96	84.15	999.00	-2.62	999.00	-2.15	0.00
21	9	7	16	213.50	27.37	6.64	82.51	999.00	210.30	25.47	7.25	82.97	212.90	15.91	13.57	84.85	999.00	-2.15	999.00	-1.72	0.00
21	9	7	17	202.10	27.75	6.15	82.96	999.00	199.10	26.17	6.77	83.36	203.90	14.65	15.79	84.90	999.00	-1.75	999.00	-1.30	0.00
21	9	7	18	205.60	24.41	5.30	82.43	999.00	203.30	21.91	6.43	82.83	205.70	12.15	14.38	83.93	999.00	-1.05	999.00	-0.64	0.00
21	9	7	19	201.60	24.60	4.86	81.25	999.00	198.40	21.78	5.53	81.61	202.40	10.87	15.75	81.88	999.00	-0.46	999.00	-0.12	0.00
21	9	7	20	196.50	26.21	4.21	79.57	999.00	193.20	23.15	5.47	79.88	197.90	10.41	15.99	80.00	999.00	-0.43	999.00	-0.13	0.00
21	9	7	21	209.50	23.26	6.80	78.04	999.00	206.30	20.39	7.80	78.31	203.40	10.01	17.08	78.30	999.00	-0.19	999.00	0.09	0.00
21	9	7	22	208.10	18.18	3.58	76.33	999.00	207.30	15.45	4.78	76.53	216.00	5.89	12.33	75.88	999.00	0.56	999.00	0.64	0.00
21	9	7	23	195.00	21.94	3.88	74.63	999.00	191.40	18.88	4.93	74.81	195.20	7.16	16.38	74.32	999.00	-0.04	999.00	0.12	0.00
21	9	7	24	209.00	20.40	3.87	73.35	999.00	207.60	17.62	5.18	73.58	213.90	8.48	13.14	73.63	999.00	-0.36	999.00	-0.16	0.00
21	9	8	1	222.90	18.42	4.66	72.12	999.00	218.70	16.03	5.35	72.35	212.10	7.83	12.71	72.45	999.00	-0.34	999.00	-0.05	0.00
21	9	8	2	227.50	21.39	5.63	72.12	999.00	224.40	19.61	6.35	72.35	223.20	11.67	11.34	72.45	999.00	-0.95	999.00	-0.52	0.01
21	9	8	3	253.40	18.96	6.65	69.13	999.00	251.00	16.45	7.14	69.57	253.10	9.39	12.04	70.25	999.00	-1.12	999.00	-0.71	0.00
21	9	8	4	247.20	19.32	5.30	67.58	999.00	244.70	17.34	6.74	68.06	247.10	10.70	11.60	68.74	999.00	-0.91	999.00	-0.38	0.00
21	9	8	5	248.80	16.24	3.56	65.64	999.00	245.10	14.17	4.42	66.04	244.90	7.86	9.43	65.76	999.00	0.08	999.00	0.42	0.00
21	9	8	6	247.40	18.08	3.93	65.16	999.00	243.60	15.05	5.00	65.47	246.00	7.72	10.41	65.25	999.00	0.06	999.00	0.35	0.00
21	9	8	7	248.00	17.96	3.63	64.78	999.00	243.70	15.43	4.67	64.96	243.00	8.78	10.23	64.71	999.00	-0.05	999.00	0.18	0.00
21	9	8	8	250.80	14.40	3.66	64.08	999.00	245.70	12.24	4.65	64.43	244.20	6.39	10.03	64.67	999.00	-1.11	999.00	-0.82	0.00
21	9	8	9	253.10	12.63	8.12	64.23	999.00	246.50	11.01	8.88	64.54	242.10	7.02	12.30	66.34	999.00	-3.18	999.00	-2.81	0.00
21	9	8	10	253.20	9.66	9.07	66.42	999.00	246.40	9.16	8.81	66.80	242.90	6.95	12.85	68.51	999.00	-1.33	999.00	-0.98	0.00
21	9	8	11	256.80	10.44	9.55	68.63	999.00	254.40	10.13	11.21	69.02	257.20	7.92	18.83	70.90	999.00	-2.62	999.00	-2.17	0.00
21	9	8	12	274.10	13.06	7.75	70.70	999.00	272.30	12.94	7.89	71.18	274.50	10.37	12.24	73.45	999.00	-3.05	999.00	-2.52	0.00
21	9	8	13	241.40	13.96	10.98	72.03	999.00	238.70	13.36	12.57	72.52	238.40	10.03	18.31	74.90	999.00	-2.77	999.00	-2.31	0.00
21	9	8	14	252.70	18.25	11.91	73.40	999.00	250.70	17.09	13.66	73.90	247.80	12.15	19.53	76.18	999.00	-2.71	999.00	-2.21	0.00
21	9	8	15	247.00	14.62	6.52	73.89	999.00	243.30	13.91	7.04	74.36	240.70	10.21	12.91	76.38	999.00	-2.35	999.00	-1.87	0.00
21	9	8	16	280.10	15.39	9.99	74.49	999.00	278.70	14.29	10.79	75.03	280.50	9.75	13.72	77.03	999.00	-2.09	999.00	-1.57	0.00
21	9	8	17	256.60	16.54	7.16	75.35	999.00	253.40	15.55	7.61	75.83	251.80	11.01	13.85	77.75	999.00	-2.03	999.00	-1.57	0.00
21	9	8	18	257.10	14.76	10.94	75.67	999.00	254.30	14.20	10.67	76.14	254.40	10.10	14.88	77.72	999.00	-2.02	999.00	-1.50	0.00
21	9	8	19	258.80	14.31	5.05	74.46	999.00	254.80	12.45	6.18	74.75	251.50	7.04	10.69	75.25	999.00	-0.87	999.00	-0.58	0.00
21	9	8	20	271.00	20.20	1.39	73.59	999.00	267.10	17.93	2.59	73.68	262.20	6.90	9.05	72.98	999.00	1.96	999.00	1.73	0.00
21	9	8	21	279.20	19.87	2.74	73.59	999.00	275.70	16.40	3.05	73.68	262.60	5.90	7.10	72.98	999.00	2.81	999.00	2.76	0.00
21	9	8	22	281.90	18.91	2.22	70.43	999.00	276.70	14.96	2.76	70.32	249.70	5.55	8.48	68.12	999.00	2.42	999.00	2.20	0.00
21	9	8	23	283.40	18.20	2.19	69.23	999.00	277.50	15.08	2.35	69.11	255.70	4.54	6.05	66.62	999.00	2.92	999.00	2.91	0.00
21	9	8	24	304.10	18.43	5.69	67.72	999.00	300.30	16.87	6.63	67.77	287.30	7.12	12.82	65.54	999.00	1.58	999.00	1.78	0.00
21	9	9	1	313.60	21.30	5.19	66.48	999.00	310.90	19.67	5.53	66.94	309.80	11.54	11.19	66.93	999.00	-0.68	999.00	-0.22	0.00
21	9	9	2	317.10	16.81	6.39	65.40	999.00	315.00	15.46	6.85	65.88	313.20	8.26	13.09	66.11	999.00	-0.55	999.00	-0.09	0.00

21	9	9	3	320.50	14.32	3.37	64.40	999.00	317.70	14.08	4.04	64.91	315.30	7.98	10.51	65.02	999.00	-0.60	999.00	-0.09	0.00
21	9	9	4	311.90	13.79	5.95	63.67	999.00	309.20	12.71	6.53	64.15	298.40	6.78	16.67	63.86	999.00	0.06	999.00	0.50	0.00
21	9	9	5	305.50	17.89	5.17	62.38	999.00	297.90	17.46	4.98	62.53	283.50	7.31	9.90	59.11	999.00	2.74	999.00	2.72	0.00
21	9	9	6	315.20	15.72	6.55	61.68	999.00	311.80	14.62	7.47	62.06	309.00	7.89	12.18	61.19	999.00	-0.50	999.00	-0.03	0.00
21	9	9	7	319.50	18.22	5.59	61.53	999.00	317.20	17.11	6.07	62.01	316.80	10.14	11.62	62.09	999.00	-0.66	999.00	-0.17	0.00
21	9	9	8	316.70	16.38	7.11	61.94	999.00	314.60	15.78	8.16	62.51	313.10	9.89	14.33	62.94	999.00	-1.44	999.00	-0.81	0.00
21	9	9	9	307.60	12.10	12.84	61.98	999.00	297.20	10.23	17.82	62.49	276.60	6.08	24.05	63.67	999.00	-1.53	999.00	-1.24	0.00
21	9	9	10	307.10	15.40	8.78	62.11	999.00	305.40	15.25	8.98	62.74	305.10	10.73	16.75	64.96	999.00	-3.15	999.00	-2.54	0.00
21	9	9	11	299.80	14.88	8.83	62.38	999.00	297.60	14.69	9.34	62.96	299.10	11.03	16.79	65.57	999.00	-3.25	999.00	-2.69	0.00
21	9	9	12	300.30	16.02	8.88	63.21	999.00	297.10	15.71	9.22	63.79	301.60	10.93	15.48	66.64	999.00	-3.38	999.00	-2.73	0.00
21	9	9	13	297.20	20.21	10.13	64.58	999.00	293.30	20.16	10.81	65.18	291.90	15.07	18.10	68.08	999.00	-3.52	999.00	-2.94	0.00
21	9	9	14	306.30	19.41	7.14	65.46	999.00	303.00	19.04	8.10	66.04	304.50	13.62	13.70	69.09	999.00	-3.55	999.00	-2.93	0.00
21	9	9	15	321.20	16.09	6.68	66.15	999.00	318.90	15.48	7.49	66.75	323.10	11.85	12.43	69.56	999.00	-3.03	999.00	-2.31	0.00
21	9	9	16	317.30	11.89	11.49	65.30	999.00	312.30	11.21	11.50	65.87	300.40	7.06	16.03	66.67	999.00	-0.93	999.00	-0.40	0.00
21	9	9	17	321.70	11.41	12.13	66.09	999.00	319.60	10.62	12.89	66.66	323.60	8.07	14.24	68.30	999.00	-2.19	999.00	-1.57	0.00
21	9	9	18	314.20	11.30	9.74	67.06	999.00	312.40	10.93	10.36	67.68	315.70	8.33	13.97	69.67	999.00	-2.69	999.00	-2.05	0.00
21	9	9	19	299.10	10.03	9.54	67.29	999.00	293.50	9.57	10.25	67.75	281.80	5.99	11.42	69.53	999.00	-1.50	999.00	-1.04	0.00
21	9	9	20	316.40	13.63	5.24	67.60	999.00	314.50	12.99	6.34	68.07	312.20	7.08	11.72	67.92	999.00	-0.49	999.00	0.05	0.00
21	9	9	21	331.20	16.01	3.84	67.44	999.00	329.00	15.07	4.64	67.94	331.90	8.93	8.78	68.08	999.00	-0.69	999.00	-0.18	0.00
21	9	9	22	335.70	12.48	5.02	67.09	999.00	334.30	12.07	5.04	67.60	333.20	7.00	7.92	67.70	999.00	-0.64	999.00	-0.10	0.00
21	9	9	23	329.70	14.24	6.05	66.81	999.00	327.60	13.64	6.55	67.34	327.10	7.65	12.89	67.13	999.00	-0.47	999.00	0.06	0.00
21	9	9	24	330.30	10.56	7.66	66.58	999.00	327.00	9.73	7.38	67.00	263.60	4.02	10.00	65.23	999.00	2.51	999.00	2.89	0.00
21	9	10	1	309.10	10.03	6.18	65.76	999.00	299.10	10.33	5.01	65.93	258.60	4.27	9.65	61.57	999.00	5.18	999.00	5.37	0.00
21	9	10	2	286.00	13.18	2.27	65.21	999.00	277.10	13.71	2.40	65.09	260.30	5.26	10.13	58.90	999.00	5.86	999.00	4.95	0.00
21	9	10	3	284.60	14.42	3.55	64.00	999.00	286.70	14.62	2.76	64.02	254.80	3.48	8.04	57.77	999.00	6.29	999.00	6.28	0.00
21	9	10	4	309.40	14.59	2.76	64.00	999.00	297.30	13.42	3.83	64.02	261.60	3.53	7.23	57.77	999.00	5.80	999.00	5.09	0.00
21	9	10	5	301.70	11.26	2.10	63.12	999.00	290.70	11.72	3.33	62.86	230.40	3.06	10.16	56.65	999.00	6.81	999.00	6.28	0.00
21	9	10	6	314.70	12.24	1.87	63.41	999.00	307.90	11.66	1.68	63.42	238.50	1.43	30.17	55.95	999.00	7.35	999.00	7.52	0.00
21	9	10	7	317.40	9.74	2.75	63.51	999.00	303.90	8.72	3.72	63.38	222.00	3.33	10.27	56.99	999.00	6.26	999.00	5.89	0.00
21	9	10	8	316.60	10.64	2.01	63.42	999.00	296.40	9.76	3.75	62.55	256.90	0.74	22.37	56.54	999.00	7.36	999.00	5.95	0.00
21	9	10	9	317.20	7.03	4.59	63.38	999.00	274.70	5.78	12.30	61.76	226.00	2.94	19.25	58.70	999.00	2.80	999.00	0.71	0.00
21	9	10	10	281.40	7.48	10.92	62.70	999.00	270.20	6.43	10.00	61.92	258.80	5.08	20.56	62.30	999.00	-1.95	999.00	-1.58	0.00
21	9	10	11	297.30	8.28	8.27	63.93	999.00	292.70	8.40	9.17	64.45	287.30	6.91	17.81	66.93	999.00	-3.19	999.00	-2.72	0.00
21	9	10	12	278.40	8.55	21.01	65.94	999.00	276.10	8.10	25.20	66.50	283.10	6.44	31.21	69.15	999.00	-3.36	999.00	-2.81	0.00
21	9	10	13	333.70	9.59	10.74	67.51	999.00	334.10	9.61	11.22	68.08	341.30	9.25	15.99	70.54	999.00	-2.15	999.00	-1.62	0.00
21	9	10	14	344.80	7.55	11.93	68.06	999.00	346.10	7.81	9.98	68.26	353.50	7.88	13.97	69.72	999.00	-1.58	999.00	-1.43	0.00
21	9	10	15	6.31	7.68	12.87	68.90	999.00	3.04	6.91	13.13	68.86	5.01	7.72	14.94	70.12	999.00	-1.50	999.00	-1.42	0.00
21	9	10	16	69.19	7.47	12.70	68.74	999.00	66.85	7.69	13.81	69.18	77.90	6.28	23.34	70.80	999.00	-2.60	999.00	-1.93	0.00
21	9	10	17	98.10	7.30	8.20	68.72	999.00	95.80	7.14	8.92	69.38	101.70	5.96	15.21	71.15	999.00	-2.26	999.00	-1.56	0.00
21	9	10	18	106.80	7.01	4.78	69.21	999.00	99.50	7.02	5.68	69.81	91.20	4.87	15.00	71.43	999.00	-2.08	999.00	-1.48	0.00
21	9	10	19	130.20	6.89	3.63	69.99	999.00	114.50	6.64	2.95	70.24	104.60	3.01	16.63	71.35	999.00	-0.77	999.00	-0.67	0.00
21	9	10	20	133.90	9.07	1.84	70.34	999.00	128.70	9.00	1.21	70.52	129.40	3.02	12.08	70.24	999.00	0.46	999.00	0.83	0.00
21	9	10	21	140.60	15.07	0.54	69.48	999.00	135.90	12.86	2.73	69.74	134.60	3.21	13.34	68.71	999.00	0.92	999.00	0.79	0.00
21	9	10	22	147.90	17.72	1.02	68.84	999.00	142.90	15.97	0.82	68.44	153.70	3.60	18.96	66.05	999.00	3.62	999.00	2.92	0.00
21	9	10	23	160.20	17.68	1.68	68.84	999.00	158.20	13.41	1.82	68.44	180.60	2.49	13.71	66.05	999.00	3.88	999.00	2.78	0.00
21	9	10	24	171.80	22.50	1.53	68.25	999.00	165.20	17.21	1.73	65.91	173.40	3.50	17.85	63.33	999.00	6.29	999.00	2.74	0.00

21	9	11	1	190.50	19.14	1.60	69.69	999.00	183.30	16.01	1.78	66.49	176.50	3.57	14.13	62.42	999.00	7.82	999.00	4.17	0.00
21	9	11	2	203.20	19.02	1.70	68.94	999.00	189.90	16.69	2.14	65.63	187.70	4.18	15.10	61.50	999.00	7.81	999.00	4.41	0.00
21	9	11	3	201.30	20.98	2.95	65.27	999.00	188.40	16.64	3.67	63.47	185.10	4.83	17.60	60.62	999.00	4.09	999.00	2.40	0.00
21	9	11	4	202.80	20.06	1.62	63.00	999.00	193.10	15.52	1.87	61.31	197.40	5.25	12.51	59.64	999.00	2.93	999.00	1.39	0.00
21	9	11	5	207.30	21.13	1.88	61.91	999.00	198.70	15.33	2.84	60.33	201.60	4.24	12.09	58.61	999.00	3.56	999.00	1.90	0.00
21	9	11	6	202.30	22.16	1.76	61.40	999.00	191.40	17.28	2.57	59.64	190.80	4.71	15.24	57.76	999.00	3.88	999.00	1.89	0.00
21	9	11	7	193.40	23.16	2.48	60.90	999.00	184.70	17.92	3.12	59.27	181.60	5.60	14.95	57.42	999.00	3.24	999.00	1.69	0.00
21	9	11	8	190.90	22.49	3.00	60.53	999.00	185.40	18.05	4.00	59.52	189.80	5.93	15.04	58.40	999.00	1.15	999.00	0.57	0.00
21	9	11	9	191.00	19.44	5.41	61.24	999.00	186.90	16.83	5.65	61.18	191.50	7.16	17.71	61.32	999.00	-1.09	999.00	-0.68	0.00
21	9	11	10	187.00	15.50	6.74	63.49	999.00	183.50	14.22	7.19	64.30	190.50	8.45	18.96	65.34	999.00	-2.13	999.00	-1.21	0.00
21	9	11	11	194.30	18.93	8.30	67.75	999.00	192.20	17.72	8.87	68.49	197.90	11.29	17.64	70.01	999.00	-2.38	999.00	-1.69	0.00
21	9	11	12	197.00	22.01	7.11	71.32	999.00	195.80	20.44	7.61	71.95	204.00	12.71	15.17	73.80	999.00	-2.42	999.00	-1.95	0.00
21	9	11	13	191.70	21.62	9.49	73.36	999.00	189.10	20.47	9.95	74.05	194.00	11.99	18.10	75.57	999.00	-2.47	999.00	-1.81	0.00
21	9	11	14	188.80	26.28	8.09	75.18	999.00	186.10	24.12	9.61	75.81	193.70	12.50	17.97	77.70	999.00	-2.56	999.00	-1.85	0.00
21	9	11	15	190.50	25.67	5.93	76.41	999.00	188.00	24.32	6.61	77.00	196.40	12.61	18.08	79.00	999.00	-2.58	999.00	-2.00	0.00
21	9	11	16	205.30	29.37	5.67	77.33	999.00	202.40	27.63	7.10	77.80	206.10	15.90	15.04	79.70	999.00	-2.35	999.00	-1.91	0.00
21	9	11	17	199.80	26.28	5.62	78.45	999.00	197.30	24.54	7.21	78.91	204.00	14.32	15.58	80.60	999.00	-1.98	999.00	-1.50	0.00
21	9	11	18	195.70	22.40	5.70	78.59	999.00	193.30	20.25	7.13	79.03	201.90	10.61	15.17	80.18	999.00	-1.47	999.00	-1.00	0.00
21	9	11	19	195.40	24.08	5.05	78.35	999.00	192.10	21.78	5.87	78.78	195.20	10.17	15.84	79.45	999.00	-0.92	999.00	-0.50	0.00
21	9	11	20	198.50	24.18	4.90	77.36	999.00	196.10	20.82	6.17	77.73	200.50	10.04	14.36	77.97	999.00	-0.43	999.00	-0.09	0.00
21	9	11	21	197.30	21.69	3.84	75.64	999.00	193.60	18.55	5.03	75.90	197.50	6.95	16.10	75.77	999.00	0.05	999.00	0.26	0.00
21	9	11	22	194.30	24.88	4.03	73.90	999.00	190.60	21.87	4.77	74.11	193.30	8.64	15.58	74.05	999.00	-0.14	999.00	0.06	0.00
21	9	11	23	201.20	25.52	4.56	72.62	999.00	197.90	21.93	5.45	72.84	202.50	9.49	15.59	72.95	999.00	-0.26	999.00	-0.03	0.00
21	9	11	24	202.80	24.14	3.98	71.75	999.00	199.00	21.15	5.01	72.01	201.60	9.34	15.56	72.03	999.00	-0.28	999.00	-0.03	0.00
21	9	12	1	208.20	22.25	3.22	70.52	999.00	204.00	18.88	3.86	70.68	206.60	8.59	14.20	70.63	999.00	0.03	999.00	0.15	0.00
21	9	12	2	212.00	23.10	3.94	70.97	999.00	206.20	19.75	4.83	70.92	204.30	8.82	13.47	70.57	999.00	0.29	999.00	0.33	0.00
21	9	12	3	217.60	25.06	4.91	72.40	999.00	214.20	22.65	5.28	72.65	215.80	12.89	12.50	72.65	999.00	-0.65	999.00	-0.25	0.00
21	9	12	4	220.00	26.37	4.33	71.98	999.00	216.90	23.55	5.23	72.38	218.40	14.00	10.63	72.70	999.00	-0.73	999.00	-0.32	0.00
21	9	12	5	223.30	25.54	5.13	71.98	999.00	219.50	22.78	5.84	72.38	220.50	14.04	11.12	72.70	999.00	-0.87	999.00	-0.44	0.00
21	9	12	6	220.70	23.16	4.09	70.57	999.00	217.00	20.32	4.94	71.00	215.20	10.71	12.44	71.35	999.00	-0.61	999.00	-0.23	0.00
21	9	12	7	217.30	22.99	3.92	70.57	999.00	214.00	19.76	5.08	71.00	211.60	9.79	13.88	71.35	999.00	-0.55	999.00	-0.23	0.00
21	9	12	8	217.20	22.81	4.18	69.70	999.00	213.40	20.17	4.80	70.05	213.50	10.65	12.59	70.38	999.00	-0.75	999.00	-0.38	0.00
21	9	12	9	215.30	21.94	5.70	70.02	999.00	212.10	20.11	5.84	70.42	212.20	12.26	12.44	71.20	999.00	-1.34	999.00	-0.89	0.00
21	9	12	10	225.20	23.70	5.89	71.40	999.00	222.50	22.08	6.46	71.84	224.10	14.56	11.03	73.20	999.00	-1.90	999.00	-1.47	0.00
21	9	12	11	229.00	22.66	5.51	72.52	999.00	227.20	21.64	6.20	72.96	230.70	15.05	11.74	74.60	999.00	-2.19	999.00	-1.76	0.00
21	9	12	12	999.00	23.54	7.88	75.00	999.00	234.20	21.87	8.89	75.42	231.30	14.67	12.85	77.28	999.00	-2.46	999.00	-2.00	0.00
21	9	12	13	222.70	21.71	6.86	76.75	999.00	219.80	20.52	7.05	77.17	224.10	14.18	11.72	79.30	999.00	-2.61	999.00	-2.22	0.00
21	9	12	14	231.00	22.57	5.27	78.45	999.00	228.40	21.86	5.72	78.85	230.10	15.06	12.22	81.05	999.00	-2.68	999.00	-2.30	0.00
21	9	12	15	228.10	21.01	7.24	79.72	999.00	225.60	20.02	7.90	80.13	229.80	14.22	12.76	82.32	999.00	-2.66	999.00	-2.21	0.00
21	9	12	16	223.70	21.27	7.33	81.32	999.00	221.50	20.67	7.72	81.74	225.50	14.04	13.05	83.63	999.00	-2.10	999.00	-1.72	0.00
21	9	12	17	213.00	17.84	6.67	82.52	999.00	209.50	16.44	8.04	82.90	212.70	10.77	13.54	84.57	999.00	-2.04	999.00	-1.62	0.00
21	9	12	18	228.60	19.49	4.68	82.58	999.00	227.30	18.40	4.74	82.98	230.20	12.23	10.05	84.15	999.00	-1.18	999.00	-0.72	0.00
21	9	12	19	229.60	12.60	3.73	82.58	999.00	226.40	10.65	4.37	82.98	229.10	5.20	6.53	84.15	999.00	0.14	999.00	0.40	0.00
21	9	12	20	222.40	10.14	2.05	82.33	999.00	215.30	8.28	2.31	82.53	161.20	3.19	9.80	81.43	999.00	1.58	999.00	1.74	0.00
21	9	12	21	212.30	16.50	4.95	81.73	999.00	204.50	13.13	6.49	81.76	191.60	2.48	18.36	79.25	999.00	3.30	999.00	2.97	0.00
21	9	12	22	220.60	23.24	4.41	80.73	999.00	216.30	19.58	5.32	80.23	211.60	8.26	13.38	77.82	999.00	1.21	999.00	1.05	0.00

21	9	12	23	222.90	23.76	3.89	78.41	999.00	219.10	20.30	4.68	78.47	219.00	11.56	10.66	78.05	999.00	-0.31	999.00	-0.09	0.00
21	9	12	24	228.30	22.50	3.98	999.00	999.00	225.30	20.60	3.97	999.00	227.10	12.59	9.83	77.93	999.00	-0.66	999.00	-0.27	0.00
21	9	13	1	229.60	22.82	4.53	999.00	999.00	226.70	20.71	4.55	999.00	229.10	12.51	10.06	77.93	999.00	-0.82	999.00	-0.40	0.00
21	9	13	2	234.40	20.50	3.34	75.05	999.00	230.90	18.73	3.64	75.46	231.90	11.32	9.43	75.88	999.00	-0.59	999.00	-0.19	0.00
21	9	13	3	241.00	15.86	4.89	73.63	999.00	237.70	13.61	5.51	73.96	237.50	6.96	9.48	74.13	999.00	-0.42	999.00	-0.07	0.00
21	9	13	4	240.80	15.65	4.04	72.11	999.00	237.10	12.92	5.02	72.35	238.10	6.50	10.42	72.30	999.00	-0.20	999.00	-0.01	0.00
21	9	13	5	248.50	15.13	2.17	71.13	999.00	247.00	12.62	3.16	71.32	244.60	5.37	9.08	71.03	999.00	0.27	999.00	0.42	0.00
21	9	13	6	246.30	13.43	2.69	70.24	999.00	242.20	10.76	3.69	70.33	242.20	4.67	9.69	70.18	999.00	0.03	999.00	0.16	0.00
21	9	13	7	251.10	13.68	2.47	69.76	999.00	248.60	11.00	3.39	69.90	250.90	4.18	8.36	69.63	999.00	0.15	999.00	0.26	0.00
21	9	13	8	255.60	12.01	2.80	69.27	999.00	249.90	10.09	4.28	69.48	245.50	5.00	11.17	69.79	999.00	-0.66	999.00	-0.49	0.00
21	9	13	9	253.30	7.74	7.71	69.04	999.00	245.30	6.56	7.15	69.07	243.20	4.50	14.54	69.91	999.00	-1.45	999.00	-1.18	0.00
21	9	13	10	53.95	12.35	6.63	68.88	999.00	51.60	12.04	7.24	69.36	57.05	7.60	15.15	70.53	999.00	-1.80	999.00	-1.25	0.00
21	9	13	11	92.90	9.22	9.51	69.08	999.00	88.70	8.96	10.65	69.78	98.10	5.73	19.16	71.42	999.00	-2.16	999.00	-1.55	0.00
21	9	13	12	189.90	9.52	7.40	70.56	999.00	187.60	9.16	9.63	71.27	192.50	5.83	21.55	72.73	999.00	-2.22	999.00	-1.38	0.00
21	9	13	13	205.60	9.18	7.06	74.05	999.00	202.50	8.67	7.31	74.63	201.50	6.75	15.31	76.50	999.00	-2.30	999.00	-1.86	0.00
21	9	13	14	212.70	10.24	7.45	77.13	999.00	211.10	9.80	7.99	77.65	212.00	6.92	17.97	79.68	999.00	-2.52	999.00	-2.14	0.00
21	9	13	15	273.20	7.33	46.47	79.09	999.00	276.40	6.68	51.55	79.50	283.60	6.39	58.98	81.45	999.00	-2.05	999.00	-1.73	0.00
21	9	13	16	33.90	14.77	8.60	72.98	999.00	30.21	13.48	8.52	73.20	26.32	12.99	9.47	74.50	999.00	-1.90	999.00	-1.41	0.00
21	9	13	17	69.99	18.39	4.93	70.75	999.00	67.13	17.57	5.45	71.37	70.30	10.84	13.94	73.23	999.00	-2.65	999.00	-1.89	0.00
21	9	13	18	96.40	17.35	6.41	70.18	999.00	90.60	15.74	8.39	70.92	98.10	8.01	18.42	72.72	999.00	-2.40	999.00	-1.70	0.00
21	9	13	19	84.20	12.94	5.40	70.80	999.00	78.10	12.14	6.81	71.35	79.50	5.87	17.16	72.70	999.00	-1.79	999.00	-1.22	0.00
21	9	13	20	98.60	14.49	3.13	69.92	999.00	95.30	13.75	4.18	70.46	98.40	7.38	14.83	71.38	999.00	-1.29	999.00	-0.75	0.00
21	9	13	21	71.70	12.85	4.08	999.00	999.00	67.13	12.33	4.57	999.00	71.20	6.60	13.05	71.50	999.00	-1.31	999.00	-0.80	0.00
21	9	13	22	77.10	13.98	2.01	70.37	999.00	70.80	12.09	3.18	70.75	75.50	5.58	13.26	71.43	999.00	-0.42	999.00	-0.35	0.44
21	9	13	23	89.40	12.84	3.01	71.98	999.00	85.30	12.57	4.59	71.72	91.90	4.86	14.42	71.88	999.00	0.28	999.00	-0.08	0.70
21	9	13	24	171.50	9.05	6.32	73.90	999.00	154.60	9.24	5.32	73.39	150.60	3.06	15.66	71.73	999.00	3.26	999.00	3.14	0.13
21	9	14	1	194.50	14.41	2.33	74.88	999.00	182.20	14.05	2.43	74.56	163.40	3.64	14.70	70.65	999.00	4.15	999.00	3.81	0.00
21	9	14	2	205.90	18.28	1.68	74.24	999.00	195.30	15.09	2.72	73.53	192.10	4.64	13.90	71.00	999.00	2.75	999.00	1.76	0.00
21	9	14	3	208.50	17.72	2.57	72.37	999.00	196.80	13.70	2.64	71.49	188.40	4.05	11.56	70.00	999.00	2.38	999.00	1.42	0.00
21	9	14	4	196.10	19.75	2.16	70.91	999.00	187.40	15.67	3.66	70.07	182.20	4.74	12.76	68.82	999.00	1.98	999.00	1.20	0.00
21	9	14	5	199.70	20.58	2.57	70.44	999.00	192.40	16.56	2.90	69.69	191.10	5.78	14.20	68.72	999.00	1.52	999.00	0.81	0.00
21	9	14	6	200.80	19.14	2.85	70.29	999.00	194.40	15.16	3.26	69.76	194.80	4.82	14.03	69.09	999.00	1.10	999.00	0.70	0.00
21	9	14	7	197.80	20.00	2.35	69.67	999.00	190.10	16.83	3.05	69.35	188.20	6.04	13.91	68.65	999.00	1.01	999.00	0.62	0.00
21	9	14	8	196.70	20.08	2.98	69.59	999.00	189.30	16.58	3.82	69.18	190.10	6.19	15.63	68.78	999.00	0.52	999.00	0.07	0.00
21	9	14	9	202.30	17.30	4.82	70.39	999.00	197.60	14.52	6.09	70.47	201.20	6.96	14.25	70.92	999.00	-1.01	999.00	-0.81	0.00
21	9	14	10	201.20	18.08	7.19	72.46	999.00	198.20	16.39	7.05	72.82	201.20	9.22	17.03	74.02	999.00	-1.92	999.00	-1.52	0.00
21	9	14	11	201.20	17.50	9.78	75.21	999.00	196.90	16.54	9.13	75.68	202.00	10.05	17.13	77.10	999.00	-2.25	999.00	-1.71	0.00
21	9	14	12	217.60	25.14	5.15	78.38	999.00	214.70	23.70	5.72	78.78	215.00	15.84	13.28	80.70	999.00	-2.22	999.00	-1.83	0.00
21	9	14	13	204.00	24.73	6.26	80.80	999.00	201.60	23.42	7.28	81.20	205.40	14.07	15.34	83.32	999.00	-2.60	999.00	-2.20	0.00
21	9	14	14	215.50	23.77	8.00	83.25	999.00	213.30	22.23	9.42	83.67	217.30	14.55	14.17	85.68	999.00	-2.48	999.00	-2.05	0.00
21	9	14	15	208.50	26.71	6.36	85.13	999.00	205.50	25.02	7.09	85.52	208.00	14.60	14.84	87.48	999.00	-2.00	999.00	-1.58	0.00
21	9	14	16	212.60	20.92	7.91	85.35	999.00	210.10	19.02	8.63	85.76	216.80	11.39	13.80	86.72	999.00	-1.80	999.00	-1.42	0.00
21	9	14	17	213.40	29.77	6.85	86.72	999.00	211.10	28.03	7.21	87.12	215.70	17.63	12.81	88.45	999.00	-1.60	999.00	-1.20	0.00
21	9	14	18	213.80	28.01	5.93	86.28	999.00	211.30	25.44	6.68	86.68	213.70	15.26	13.21	87.65	999.00	-1.13	999.00	-0.70	0.00
21	9	14	19	197.60	20.70	5.90	85.15	999.00	194.60	18.62	7.12	85.52	201.20	9.19	15.17	85.95	999.00	-0.80	999.00	-0.41	0.00
21	9	14	20	199.50	20.01	4.31	83.79	999.00	196.60	17.44	4.89	84.13	197.90	7.42	14.29	84.03	999.00	0.09	999.00	0.36	0.00

21	9	14	21	194.20	23.60	4.84	83.79	999.00	190.40	20.61	5.66	84.13	193.00	8.90	15.21	84.03	999.00	-0.15	999.00	0.11	0.00
21	9	14	22	273.20	32.98	10.59	76.33	999.00	269.80	30.12	11.88	76.54	269.10	20.10	16.40	77.02	999.00	-0.87	999.00	-0.71	0.00
21	9	14	23	203.00	25.62	8.74	64.97	999.00	195.90	22.55	9.96	64.94	193.90	10.37	17.42	65.67	999.00	0.28	999.00	0.00	0.00
21	9	14	24	233.40	4.82	18.21	67.13	999.00	212.30	4.08	34.59	67.07	165.00	2.45	44.31	67.52	999.00	0.12	999.00	-0.20	0.00
21	9	15	1	252.40	12.48	4.91	67.99	999.00	247.30	11.60	6.19	67.70	241.80	4.99	14.34	68.51	999.00	-0.37	999.00	-0.70	0.14
21	9	15	2	244.60	12.32	5.63	68.36	999.00	240.60	10.62	6.67	68.13	244.10	6.01	12.45	69.02	999.00	-1.29	999.00	-1.07	0.01
21	9	15	3	264.70	12.56	2.29	67.97	999.00	252.20	11.36	3.25	67.97	247.50	6.40	11.30	69.21	999.00	-1.00	999.00	-1.16	0.00
21	9	15	4	300.80	13.69	10.86	67.03	999.00	297.50	13.16	11.77	66.90	293.60	7.30	16.90	68.53	999.00	-1.91	999.00	-2.19	0.13
21	9	15	5	326.30	15.14	4.23	65.74	999.00	323.10	14.22	5.18	65.30	323.00	8.25	11.11	67.15	999.00	-0.59	999.00	-1.31	0.00
21	9	15	6	332.90	13.97	4.78	65.64	999.00	329.80	12.96	5.88	64.88	327.90	8.53	10.09	65.98	999.00	-0.75	999.00	-1.48	0.00
21	9	15	7	324.70	8.44	5.33	65.44	999.00	320.80	8.18	5.21	64.71	313.20	4.49	11.16	66.46	999.00	-0.95	999.00	-1.59	0.00
21	9	15	8	330.30	6.47	9.54	65.21	999.00	321.70	5.03	16.53	64.65	244.20	2.38	14.24	65.76	999.00	-0.39	999.00	-1.10	0.00
21	9	15	9	327.40	10.16	5.32	65.21	999.00	324.70	9.89	5.51	64.65	319.60	6.00	15.64	65.76	999.00	-2.01	999.00	-1.83	0.00
21	9	15	10	335.70	10.00	8.69	65.33	999.00	331.30	9.99	9.13	66.30	327.60	7.81	14.99	68.68	999.00	-3.54	999.00	-2.98	0.00
21	9	15	11	342.10	7.41	10.32	66.65	999.00	336.90	7.14	11.13	66.91	337.70	6.28	14.56	70.51	999.00	-3.99	999.00	-3.88	0.00
21	9	15	12	358.30	5.80	15.84	66.65	999.00	352.70	5.55	17.74	66.91	351.20	5.67	19.26	70.51	999.00	-1.30	999.00	-0.87	0.00
21	9	15	13	6.97	4.14	15.85	68.14	999.00	1.10	3.91	16.65	68.46	7.99	3.96	19.74	68.61	999.00	-1.08	999.00	-0.66	0.00
21	9	15	14	1.52	4.05	16.12	68.45	999.00	356.40	3.88	16.08	68.73	5.78	3.86	24.60	69.65	999.00	-1.39	999.00	-1.19	0.00
21	9	15	15	23.65	3.58	16.20	69.07	999.00	24.58	3.42	16.47	69.50	21.72	3.63	23.43	70.20	999.00	-1.17	999.00	-0.68	0.00
21	9	15	16	2.16	4.28	22.23	70.14	999.00	3.54	4.07	20.60	70.70	14.39	4.45	24.23	72.02	999.00	-1.47	999.00	-1.08	0.00
21	9	15	17	345.80	2.41	39.30	70.13	999.00	4.97	1.60	40.41	70.54	27.70	0.86	56.96	71.33	999.00	-1.50	999.00	-0.70	0.00
21	9	15	18	93.50	2.14	78.50	69.65	999.00	101.60	1.97	81.90	70.23	76.20	1.92	86.00	71.40	999.00	-2.33	999.00	-1.36	0.00
21	9	15	19	78.00	2.69	17.62	70.26	999.00	82.20	2.85	12.26	70.89	97.70	1.94	16.44	72.00	999.00	-1.13	999.00	-0.75	0.00
21	9	15	20	68.90	3.16	14.85	69.74	999.00	85.00	3.07	28.29	70.11	161.20	1.70	17.29	70.25	999.00	0.28	999.00	0.37	0.00
21	9	15	21	102.30	4.24	15.42	69.80	999.00	120.90	5.25	6.99	70.05	142.60	1.40	28.45	68.23	999.00	1.57	999.00	1.66	0.00
21	9	15	22	112.10	2.66	18.31	69.91	999.00	122.20	3.43	5.59	69.92	145.90	0.99	25.35	66.44	999.00	3.80	999.00	3.96	0.00
21	9	15	23	142.90	5.98	6.89	69.37	999.00	143.60	6.48	5.05	69.37	139.80	1.77	17.81	65.49	999.00	3.09	999.00	3.06	0.00
21	9	15	24	123.60	8.87	2.58	68.19	999.00	122.80	8.78	3.86	68.23	163.90	2.05	19.36	65.61	999.00	2.71	999.00	2.68	0.00
21	9	16	1	133.40	11.14	1.74	67.94	999.00	133.20	10.24	2.23	67.93	172.10	1.46	16.91	64.47	999.00	3.58	999.00	3.45	0.00
21	9	16	2	142.10	11.08	1.57	67.29	999.00	143.70	10.11	2.48	66.48	230.70	1.18	26.01	62.67	999.00	5.06	999.00	4.05	0.00
21	9	16	3	133.30	9.47	2.99	66.45	999.00	137.10	8.34	3.93	65.80	185.80	0.84	28.66	62.50	999.00	2.95	999.00	2.76	0.00
21	9	16	4	136.80	8.69	1.92	66.19	999.00	129.40	7.63	4.43	65.69	172.00	2.43	13.73	62.95	999.00	2.66	999.00	2.50	0.00
21	9	16	5	131.80	9.20	2.60	65.57	999.00	122.70	7.59	2.96	65.53	172.50	2.10	11.58	63.00	999.00	2.43	999.00	2.51	0.00
21	9	16	6	130.10	7.88	2.33	64.83	999.00	125.50	6.42	2.20	64.67	224.10	1.13	34.14	61.90	999.00	3.94	999.00	3.21	0.00
21	9	16	7	117.90	6.10	2.92	65.49	999.00	123.90	5.25	2.56	64.65	196.60	0.98	15.60	61.18	999.00	4.59	999.00	4.04	0.00
21	9	16	8	112.10	7.08	2.16	65.39	999.00	112.40	6.45	2.30	65.30	183.60	1.57	20.27	60.26	999.00	4.41	999.00	4.48	0.00
21	9	16	9	102.30	9.27	2.43	65.62	999.00	103.50	6.99	3.14	65.58	136.40	1.50	21.94	63.05	999.00	1.60	999.00	1.08	0.00
21	9	16	10	76.00	7.33	10.46	66.18	999.00	72.80	7.27	8.93	66.78	78.80	5.09	17.81	67.60	999.00	-2.17	999.00	-1.26	0.00
21	9	16	11	85.90	9.57	12.77	67.63	999.00	81.50	9.02	14.44	68.32	84.80	6.02	23.81	69.98	999.00	-2.53	999.00	-1.83	0.00
21	9	16	12	83.60	12.53	8.25	68.83	999.00	79.70	11.29	11.50	69.54	78.60	8.04	22.03	71.50	999.00	-2.88	999.00	-2.10	0.00
21	9	16	13	79.70	13.45	6.43	999.00	999.00	74.80	12.92	8.82	999.00	76.70	8.63	17.90	72.25	999.00	-2.95	999.00	-2.16	0.00
21	9	16	14	71.30	14.98	5.06	999.00	999.00	66.62	14.54	6.27	999.00	69.14	9.95	15.70	72.33	999.00	-3.05	999.00	-2.28	0.00
21	9	16	15	69.35	14.15	7.30	69.93	999.00	65.83	13.58	8.88	70.72	69.02	9.03	17.46	72.90	999.00	-3.07	999.00	-2.26	0.00
21	9	16	16	56.77	16.41	6.86	70.18	999.00	52.59	15.58	6.29	70.95	57.84	10.64	14.73	73.18	999.00	-2.91	999.00	-2.16	0.00
21	9	16	17	62.68	14.45	6.54	70.46	999.00	58.29	13.32	7.68	71.30	56.37	9.73	15.55	73.17	999.00	-2.75	999.00	-1.85	0.00
21	9	16	18	75.70	14.95	3.89	70.76	999.00	71.50	14.52	5.34	71.56	76.40	8.22	16.67	73.15	999.00	-2.30	999.00	-1.51	0.00

21	9	16	19	76.20	16.61	3.48	70.57	999.00	71.90	15.82	4.91	71.23	75.90	7.78	17.26	72.45	999.00	-1.55	999.00	-0.89	0.00
21	9	16	20	73.50	16.71	2.98	70.57	999.00	68.62	15.86	3.93	71.10	69.22	7.89	13.96	71.60	999.00	-0.76	999.00	-0.28	0.00
21	9	16	21	79.20	18.02	3.31	70.65	999.00	75.10	17.29	4.09	71.13	78.90	7.73	15.90	71.35	999.00	-0.78	999.00	-0.28	0.00
21	9	16	22	86.60	16.57	3.22	999.00	999.00	82.10	16.05	3.67	999.00	87.00	7.10	14.68	71.23	999.00	-0.64	999.00	-0.15	0.00
21	9	16	23	100.90	13.95	3.90	999.00	999.00	96.70	13.04	4.81	999.00	100.80	5.16	16.36	999.00	999.00	-0.53	999.00	-0.05	0.00
21	9	16	24	121.90	14.55	3.86	999.00	999.00	116.30	12.38	3.30	999.00	126.10	3.64	14.20	999.00	999.00	0.37	999.00	0.40	0.00
21	9	17	1	145.40	20.12	2.76	70.26	999.00	140.80	15.84	4.23	69.78	146.70	4.05	21.93	69.20	999.00	1.23	999.00	0.80	0.00
21	9	17	2	154.70	20.76	1.46	69.70	999.00	149.70	16.66	2.27	69.02	157.80	5.10	18.85	68.13	999.00	1.96	999.00	1.04	0.00
21	9	17	3	163.40	16.16	1.13	69.71	999.00	159.60	12.40	2.10	68.62	171.30	2.39	15.21	67.24	999.00	3.18	999.00	1.90	0.00
21	9	17	4	173.90	17.17	0.95	70.12	999.00	175.00	13.65	2.37	68.82	199.10	3.29	7.59	66.18	999.00	4.47	999.00	3.23	0.00
21	9	17	5	187.30	17.08	1.15	70.08	999.00	190.10	13.02	1.61	68.93	209.50	3.22	8.94	65.57	999.00	5.15	999.00	3.94	0.00
21	9	17	6	181.60	13.82	0.94	70.75	999.00	182.70	11.15	1.15	69.05	158.90	2.90	14.26	64.63	999.00	5.06	999.00	3.91	0.00
21	9	17	7	182.90	13.93	2.56	67.69	999.00	179.10	11.83	1.45	66.88	179.40	3.26	10.81	63.88	999.00	3.73	999.00	2.98	0.00
21	9	17	8	183.40	19.33	1.71	69.53	999.00	179.20	17.17	1.53	68.39	181.50	4.66	11.53	63.85	999.00	5.81	999.00	4.80	0.00
21	9	17	9	194.60	15.26	3.49	69.53	999.00	190.90	10.55	6.02	68.39	192.20	4.07	17.50	63.85	999.00	0.46	999.00	-0.31	0.00
21	9	17	10	206.80	8.23	8.06	68.57	999.00	202.50	7.36	10.60	69.13	209.50	5.73	15.66	70.41	999.00	-2.19	999.00	-1.49	0.00
21	9	17	11	221.70	8.79	8.09	71.52	999.00	219.70	8.49	8.17	72.07	225.80	6.99	12.26	73.90	999.00	-2.41	999.00	-1.93	0.00
21	9	17	12	234.30	7.65	10.21	73.72	999.00	230.90	7.49	11.37	74.17	231.40	6.15	16.83	76.27	999.00	-2.73	999.00	-2.24	0.00
21	9	17	13	207.70	5.60	15.66	75.71	999.00	204.30	5.03	18.09	76.19	217.20	4.83	20.47	78.20	999.00	-2.43	999.00	-1.66	0.00
21	9	17	14	56.56	6.98	11.88	77.43	999.00	49.49	7.04	11.33	78.03	50.74	6.34	16.40	79.03	999.00	-1.68	999.00	-1.16	0.00
21	9	17	15	75.20	6.12	10.31	75.50	999.00	69.82	6.04	8.87	76.01	75.50	5.02	18.90	77.67	999.00	-2.04	999.00	-1.56	0.00
21	9	17	16	74.90	6.97	11.52	77.98	999.00	70.10	7.47	9.08	78.56	77.40	6.02	16.68	80.10	999.00	-2.25	999.00	-1.69	0.00
21	9	17	17	75.40	8.21	8.12	77.95	999.00	70.10	8.66	8.35	78.40	84.40	6.34	14.36	79.75	999.00	-1.43	999.00	-1.08	0.00
21	9	17	18	103.30	10.73	3.38	77.63	999.00	93.20	9.54	5.29	77.96	91.70	4.42	17.30	79.20	999.00	-1.09	999.00	-1.06	0.00
21	9	17	19	122.70	10.82	1.93	78.31	999.00	113.90	11.34	2.88	77.80	115.50	5.14	13.00	78.30	999.00	1.06	999.00	0.36	0.00
21	9	17	20	132.30	12.27	2.15	78.24	999.00	128.30	10.32	1.85	77.90	142.00	2.62	12.29	76.97	999.00	1.57	999.00	1.23	0.00
21	9	17	21	132.60	14.20	1.63	77.29	999.00	130.10	12.52	1.42	76.53	131.60	3.19	12.49	75.43	999.00	2.77	999.00	1.51	0.00
21	9	17	22	135.80	14.02	0.93	77.29	999.00	138.00	11.22	1.49	76.53	180.20	1.01	42.05	75.43	999.00	3.76	999.00	2.62	0.00
21	9	17	23	155.40	11.92	2.07	76.16	999.00	158.80	8.58	4.31	75.34	239.50	2.10	34.33	72.15	999.00	4.07	999.00	3.34	0.00
21	9	17	24	172.80	12.48	3.25	75.84	999.00	174.60	9.56	2.42	74.67	189.50	2.46	15.14	71.63	999.00	4.45	999.00	3.20	0.00
21	9	18	1	232.00	9.14	4.47	78.06	999.00	200.40	8.91	1.02	76.22	173.30	2.26	10.61	70.72	999.00	7.22	999.00	5.24	0.00
21	9	18	2	251.40	9.58	6.66	76.09	999.00	232.00	11.43	3.77	74.41	199.20	2.94	11.77	69.56	999.00	6.78	999.00	5.43	0.00
21	9	18	3	264.90	6.25	2.54	76.45	999.00	243.40	9.27	2.79	75.84	210.00	3.96	11.98	68.56	999.00	999.00	999.00	7.88	0.00
21	9	18	4	269.40	7.75	1.13	999.00	999.00	260.50	9.97	1.63	76.21	229.60	2.80	9.75	68.49	999.00	999.00	999.00	7.28	0.00
21	9	18	5	309.70	14.41	5.18	75.10	999.00	301.60	13.25	3.30	73.82	241.70	3.05	12.15	67.60	999.00	6.28	999.00	4.39	0.00
21	9	18	6	3.57	11.91	13.64	70.96	999.00	359.50	9.52	13.67	70.23	342.10	3.48	45.68	68.34	999.00	1.57	999.00	1.46	0.00
21	9	18	7	37.96	19.88	6.76	70.14	999.00	34.41	17.53	7.73	70.64	35.03	12.71	11.92	71.35	999.00	-1.40	999.00	-0.85	0.00
21	9	18	8	39.29	18.25	6.64	68.27	999.00	35.61	17.00	7.84	68.85	35.02	11.74	12.84	69.82	999.00	-1.51	999.00	-0.94	0.00
21	9	18	9	35.42	14.44	8.19	67.30	999.00	31.20	12.99	9.15	67.88	31.38	11.37	10.63	68.85	999.00	-1.67	999.00	-1.06	0.00
21	9	18	10	44.53	16.44	6.41	67.60	999.00	40.17	15.74	6.85	68.19	40.88	10.80	12.39	69.33	999.00	-1.80	999.00	-1.23	0.00
21	9	18	11	31.81	13.56	9.40	68.10	999.00	29.26	12.12	8.97	68.60	27.75	11.01	11.40	69.90	999.00	-1.75	999.00	-1.23	0.00
21	9	18	12	42.93	14.10	8.31	68.46	999.00	39.29	13.46	8.53	68.93	41.14	10.79	13.38	70.45	999.00	-2.12	999.00	-1.66	0.00
21	9	18	13	39.63	10.58	11.71	69.38	999.00	39.54	10.59	10.87	69.74	39.13	8.64	16.75	71.22	999.00	-1.95	999.00	-1.52	0.00
21	9	18	14	36.41	11.00	11.47	69.38	999.00	34.23	10.96	10.22	69.74	35.90	9.92	16.40	71.22	999.00	-1.52	999.00	-1.15	0.00
21	9	18	15	36.13	9.29	12.50	71.00	999.00	32.63	8.53	11.89	71.49	30.00	7.64	14.05	72.82	999.00	-1.89	999.00	-1.38	0.00
21	9	18	16	60.62	8.83	11.39	71.74	999.00	58.57	8.56	10.25	72.36	54.82	6.92	16.14	74.13	999.00	-2.36	999.00	-1.68	0.00

21	9	18	17	48.44	9.36	6.78	999.00	999.00	43.88	8.87	6.37	999.00	46.92	6.96	11.41	74.17	999.00	-1.66	999.00	-1.14	0.00
21	9	18	18	63.94	7.97	8.33	72.70	999.00	62.45	7.39	8.84	73.34	76.90	4.58	18.75	74.65	999.00	-2.10	999.00	-1.38	0.00
21	9	18	19	53.68	10.62	5.43	72.19	999.00	50.60	9.44	6.48	72.79	60.54	5.65	11.28	73.90	999.00	-1.26	999.00	-0.78	0.00
21	9	18	20	42.23	16.83	4.91	72.00	999.00	38.74	15.87	5.54	72.51	43.61	9.03	11.77	73.18	999.00	-1.17	999.00	-0.63	0.00
21	9	18	21	40.62	18.25	5.10	70.78	999.00	36.77	17.38	6.32	71.32	37.89	11.12	10.93	72.10	999.00	-1.41	999.00	-0.85	0.00
21	9	18	22	37.21	18.74	6.45	69.71	999.00	33.62	17.84	7.30	70.27	35.10	12.65	10.69	71.15	999.00	-1.47	999.00	-0.91	0.00
21	9	18	23	44.93	18.63	6.44	68.24	999.00	40.94	17.02	7.25	68.79	42.65	11.48	12.81	69.63	999.00	-1.32	999.00	-0.79	0.00
21	9	18	24	46.25	19.03	4.61	66.64	999.00	42.43	17.54	5.41	67.17	43.28	11.70	12.51	67.99	999.00	-1.36	999.00	-0.82	0.00
21	9	19	1	56.48	14.51	6.90	66.23	999.00	52.70	13.46	6.45	66.75	64.55	8.49	12.79	67.47	999.00	-1.05	999.00	-0.59	0.00
21	9	19	2	76.60	11.57	3.79	66.29	999.00	71.90	11.04	4.88	66.77	75.40	5.18	15.49	67.01	999.00	-0.58	999.00	-0.09	0.00
21	9	19	3	67.86	12.38	4.29	66.61	999.00	63.24	11.99	4.54	67.08	61.72	6.96	11.14	67.17	999.00	-0.73	999.00	-0.26	0.00
21	9	19	4	66.74	11.39	4.16	66.91	999.00	60.29	10.71	4.47	67.34	57.11	5.79	10.08	67.68	999.00	-0.65	999.00	-0.24	0.00
21	9	19	5	77.90	11.86	3.76	66.91	999.00	73.00	11.23	4.26	67.34	77.40	3.97	15.23	67.68	999.00	-0.20	999.00	0.25	0.00
21	9	19	6	85.30	11.49	6.97	68.79	999.00	80.00	11.11	7.71	69.26	81.60	4.79	16.55	69.02	999.00	-0.31	999.00	0.19	0.00
21	9	19	7	94.60	10.29	4.69	69.12	999.00	91.90	9.84	5.51	69.60	98.90	3.84	15.50	69.31	999.00	-0.19	999.00	0.30	0.00
21	9	19	8	91.10	9.16	3.96	69.09	999.00	90.50	8.10	4.09	69.50	115.50	1.58	28.43	68.02	999.00	2.21	999.00	2.55	0.00
21	9	19	9	103.70	8.16	3.49	68.39	999.00	105.30	6.90	5.92	68.62	117.00	2.58	21.04	68.36	999.00	-1.06	999.00	-0.83	0.00
21	9	19	10	93.30	9.16	9.27	68.93	999.00	90.70	8.55	8.96	69.64	101.20	5.28	20.53	70.95	999.00	-2.27	999.00	-1.47	0.00
21	9	19	11	84.60	11.12	4.50	69.97	999.00	78.60	10.98	5.18	70.63	75.00	7.27	14.15	72.47	999.00	-2.63	999.00	-1.99	0.00
21	9	19	12	82.70	10.64	6.20	70.71	999.00	76.30	10.31	7.84	71.35	74.30	8.02	15.83	73.32	999.00	-2.62	999.00	-1.93	0.00
21	9	19	13	75.30	13.09	5.66	71.11	999.00	70.20	12.94	6.42	71.84	68.06	9.69	13.04	73.90	999.00	-2.79	999.00	-2.08	0.00
21	9	19	14	76.70	15.08	5.66	70.76	999.00	70.70	14.46	6.76	71.53	71.60	10.40	14.34	73.85	999.00	-2.95	999.00	-2.19	0.00
21	9	19	15	74.60	16.21	3.89	70.79	999.00	68.43	15.98	5.04	71.55	65.43	11.57	12.55	73.82	999.00	-3.00	999.00	-2.28	0.00
21	9	19	16	71.30	18.14	3.12	999.00	999.00	67.34	17.38	4.63	999.00	68.36	11.58	14.45	73.63	999.00	-2.73	999.00	-2.06	0.00
21	9	19	17	72.90	17.01	5.19	71.24	999.00	68.95	16.10	6.61	72.01	73.10	9.35	16.86	73.85	999.00	-2.71	999.00	-1.82	0.00
21	9	19	18	77.80	19.52	3.77	71.23	999.00	73.00	18.70	4.53	71.93	77.00	10.21	15.87	73.20	999.00	-1.62	999.00	-0.98	0.00
21	9	19	19	79.40	20.33	2.72	70.80	999.00	75.30	19.36	3.95	71.44	79.20	10.23	14.28	72.47	999.00	-1.26	999.00	-0.70	0.00
21	9	19	20	78.30	19.02	3.99	70.56	999.00	73.80	18.03	5.43	71.06	76.20	8.69	16.53	71.60	999.00	-0.89	999.00	-0.41	0.00
21	9	19	21	84.30	18.97	3.29	70.58	999.00	80.00	17.83	4.49	71.07	85.60	8.46	14.72	71.55	999.00	-0.90	999.00	-0.44	0.00
21	9	19	22	90.80	17.19	3.43	999.00	999.00	86.10	15.63	5.09	999.00	89.10	7.08	14.36	71.67	999.00	-0.84	999.00	-0.40	0.00
21	9	19	23	94.40	15.34	3.84	71.11	999.00	89.60	13.72	4.57	71.57	94.60	5.82	15.05	71.93	999.00	-0.82	999.00	-0.37	0.00
21	9	19	24	111.80	18.32	2.74	72.19	999.00	106.10	15.81	3.65	72.37	106.70	5.89	15.12	72.30	999.00	0.48	999.00	0.47	0.00
21	9	20	1	124.50	16.93	2.73	73.11	999.00	117.10	14.76	3.61	73.17	118.60	5.57	16.28	72.63	999.00	0.25	999.00	0.23	0.00
21	9	20	2	138.90	16.97	2.59	71.79	999.00	133.90	13.06	3.84	71.58	131.40	4.51	13.41	71.02	999.00	0.79	999.00	0.51	0.00
21	9	20	3	154.10	18.46	2.03	70.78	999.00	148.60	14.10	2.89	70.37	151.90	3.61	20.79	69.74	999.00	1.60	999.00	0.92	0.00
21	9	20	4	157.50	17.69	1.80	70.83	999.00	150.80	12.87	3.05	69.85	154.70	2.87	18.66	68.76	999.00	2.21	999.00	1.12	0.00
21	9	20	5	154.80	19.27	1.55	70.91	999.00	148.70	14.83	2.44	69.81	154.70	3.63	19.02	68.31	999.00	2.54	999.00	1.59	0.00
21	9	20	6	164.00	20.67	3.83	70.77	999.00	161.20	16.68	4.98	70.06	178.20	4.81	19.64	69.03	999.00	1.76	999.00	1.11	0.00
21	9	20	7	163.60	22.73	2.09	71.14	999.00	155.60	17.92	2.77	70.12	160.60	4.94	19.73	68.55	999.00	2.61	999.00	1.44	0.00
21	9	20	8	160.70	21.10	2.01	72.48	999.00	152.60	15.89	3.36	70.73	158.70	4.43	19.44	69.35	999.00	2.42	999.00	0.81	0.00
21	9	20	9	148.30	21.77	7.66	71.31	999.00	144.40	18.18	7.78	70.13	152.10	5.41	24.82	69.58	999.00	0.82	999.00	0.54	0.10
21	9	20	10	143.80	14.60	3.21	70.98	999.00	132.00	12.54	3.65	68.49	121.60	4.44	15.75	68.25	999.00	1.56	999.00	-1.14	0.00
21	9	20	11	148.10	11.10	4.61	70.75	999.00	140.20	9.23	6.09	68.66	132.30	4.38	15.53	71.65	999.00	-1.64	999.00	-3.20	0.00
21	9	20	12	160.30	11.93	7.00	72.88	999.00	154.20	10.78	6.84	71.68	148.90	5.32	21.38	74.95	999.00	-2.29	999.00	-2.23	0.00
21	9	20	13	170.00	14.73	5.85	75.29	999.00	166.80	13.74	6.67	76.57	173.70	6.32	19.20	78.13	999.00	-1.56	999.00	-0.85	0.00
21	9	20	14	173.70	13.39	5.36	77.15	999.00	168.30	11.78	6.22	77.77	172.60	4.84	19.08	77.55	999.00	-1.17	999.00	-0.57	0.00

21	9	20	15	182.20	12.75	6.24	77.23	999.00	179.40	11.58	6.87	77.88	184.90	5.92	15.88	78.57	999.00	-1.33	999.00	-0.69	0.00
21	9	20	16	171.00	9.18	8.63	77.23	999.00	169.70	8.17	9.96	77.88	175.00	4.38	19.00	78.57	999.00	-1.45	999.00	-0.66	0.00
21	9	20	17	162.10	16.17	4.44	77.55	999.00	157.10	14.03	5.16	77.99	157.30	5.30	18.56	78.07	999.00	-0.56	999.00	-0.19	0.00
21	9	20	18	168.40	16.11	5.23	77.46	999.00	165.30	14.60	6.11	77.95	171.70	6.58	19.04	78.32	999.00	-0.94	999.00	-0.43	0.00
21	9	20	19	165.40	15.03	4.69	76.40	999.00	160.60	13.76	5.66	76.84	167.20	5.36	22.30	77.20	999.00	-0.79	999.00	-0.36	0.00
21	9	20	20	174.70	16.83	4.42	75.31	999.00	169.60	14.51	5.34	75.64	174.50	5.27	18.44	75.95	999.00	-0.41	999.00	-0.15	0.00
21	9	20	21	199.90	18.27	4.88	74.57	999.00	196.30	15.79	5.56	74.88	193.90	6.86	15.40	75.13	999.00	-0.62	999.00	-0.29	0.00
21	9	20	22	182.10	12.87	4.25	74.57	999.00	174.50	11.07	5.33	74.88	162.30	3.46	17.80	75.13	999.00	0.25	999.00	0.45	0.00
21	9	20	23	171.20	19.33	4.60	73.06	999.00	165.10	17.10	4.97	73.12	166.20	5.96	20.40	72.63	999.00	0.18	999.00	0.30	0.00
21	9	20	24	181.40	16.40	4.34	71.92	999.00	175.80	13.63	5.67	72.03	178.40	4.73	18.55	71.97	999.00	-0.07	999.00	0.02	0.00
21	9	21	1	176.90	16.84	4.14	70.94	999.00	170.30	14.17	5.35	71.06	172.60	4.43	18.57	71.07	999.00	-0.12	999.00	0.00	0.00
21	9	21	2	180.20	15.04	2.63	999.00	999.00	175.10	12.67	3.35	999.00	171.30	4.25	17.69	71.27	999.00	-0.32	999.00	-0.16	0.00
21	9	21	3	174.60	11.31	9.44	70.73	999.00	170.90	9.82	8.83	70.84	149.20	3.35	20.56	70.93	999.00	-0.04	999.00	0.06	0.03
21	9	21	4	151.00	17.15	3.82	70.73	999.00	141.20	15.19	4.21	70.84	133.10	5.75	15.36	70.93	999.00	0.40	999.00	0.48	0.00
21	9	21	5	164.20	18.58	5.33	70.26	999.00	158.50	15.89	6.05	70.41	157.00	6.53	18.95	70.60	999.00	-0.60	999.00	-0.36	0.00
21	9	21	6	152.50	16.65	4.00	999.00	999.00	144.30	14.23	4.72	999.00	140.60	4.96	19.20	70.17	999.00	-0.47	999.00	-0.40	0.00
21	9	21	7	153.00	17.73	4.21	999.00	999.00	146.90	14.73	6.13	999.00	146.40	5.01	21.40	70.17	999.00	-0.69	999.00	-0.48	0.02
21	9	21	8	154.30	19.82	3.76	67.61	999.00	149.00	17.11	4.75	67.66	148.40	6.16	21.39	68.90	999.00	-1.26	999.00	-1.27	0.00
21	9	21	9	165.20	22.38	4.84	68.62	999.00	160.70	20.44	5.67	68.85	168.90	9.28	18.95	69.65	999.00	-1.20	999.00	-0.69	0.00
21	9	21	10	169.40	28.61	6.09	68.62	999.00	166.10	26.14	7.16	68.85	173.40	13.74	17.54	69.65	999.00	-1.84	999.00	-1.21	0.00
21	9	21	11	172.00	27.92	5.91	70.71	999.00	168.50	25.69	6.84	71.37	177.00	13.03	16.38	72.57	999.00	-1.79	999.00	-1.17	0.00
21	9	21	12	183.50	24.11	6.67	70.96	999.00	181.00	22.03	7.90	71.58	188.80	12.30	16.89	72.75	999.00	-1.74	999.00	-1.13	0.00
21	9	21	13	183.90	18.00	7.91	70.18	999.00	181.00	16.77	8.51	70.82	187.60	9.58	17.20	72.02	999.00	-1.83	999.00	-1.20	0.00
21	9	21	14	181.90	16.89	7.61	70.63	999.00	178.60	15.80	8.76	71.23	186.20	7.94	16.25	72.30	999.00	-1.67	999.00	-1.04	0.00
21	9	21	15	185.10	20.28	5.39	70.65	999.00	182.00	18.70	6.14	71.25	190.20	10.27	16.49	72.28	999.00	-1.58	999.00	-1.00	0.00
21	9	21	16	190.80	15.36	5.09	70.80	999.00	188.90	14.37	6.22	71.41	196.00	7.61	16.65	72.40	999.00	-1.71	999.00	-1.00	0.00
21	9	21	17	191.30	8.55	7.08	68.89	999.00	191.20	7.30	8.13	69.55	197.80	3.45	19.30	70.55	999.00	-1.76	999.00	-0.86	0.00
21	9	21	18	163.40	11.68	8.16	68.16	999.00	159.40	10.28	9.10	68.91	160.90	4.38	23.61	69.68	999.00	-1.36	999.00	-0.92	0.00
21	9	21	19	153.50	15.72	4.67	67.72	999.00	147.10	13.47	6.25	67.98	146.70	5.39	24.22	68.94	999.00	-1.10	999.00	-0.94	0.00
21	9	21	20	159.50	18.32	5.18	67.81	999.00	155.80	16.18	6.55	67.88	172.20	6.78	20.84	68.85	999.00	-1.01	999.00	-1.00	0.00
21	9	21	21	170.00	15.08	4.66	67.43	999.00	167.40	12.80	6.32	67.62	181.80	5.31	16.48	68.58	999.00	-1.29	999.00	-1.03	0.00
21	9	21	22	168.80	14.31	4.14	66.86	999.00	164.80	11.95	5.57	67.13	173.80	4.61	18.29	68.19	999.00	-1.30	999.00	-1.04	0.00
21	9	21	23	173.60	15.33	4.76	66.86	999.00	168.80	12.90	6.11	67.13	173.80	5.61	18.36	68.19	999.00	-1.19	999.00	-0.95	0.00
21	9	21	24	176.10	15.06	4.21	66.37	999.00	172.10	12.67	5.84	66.61	180.20	5.70	16.36	67.56	999.00	-1.14	999.00	-0.87	0.01
21	9	22	1	185.80	13.85	74.50	66.29	999.00	181.10	12.08	78.60	66.45	216.80	7.24	94.70	67.39	999.00	-1.28	999.00	-1.04	0.01
21	9	22	2	355.70	29.95	6.88	59.46	999.00	352.70	27.06	6.78	61.08	355.90	23.09	9.28	62.38	999.00	-3.94	999.00	-1.62	0.53
21	9	22	3	2.92	29.15	9.64	56.33	999.00	359.70	26.26	9.42	58.67	3.36	24.19	10.05	60.14	999.00	-3.70	999.00	-1.30	0.04
21	9	22	4	358.40	30.85	8.57	55.46	999.00	356.50	28.06	8.42	58.19	2.14	24.94	9.76	59.35	999.00	-3.88	999.00	-1.05	0.04
21	9	22	5	354.10	27.66	7.91	54.24	999.00	352.30	24.67	8.39	57.07	353.90	20.80	10.10	58.17	999.00	999.00	999.00	-1.24	0.02
21	9	22	6	354.10	27.09	7.90	999.00	999.00	351.90	24.48	8.22	57.08	356.80	20.12	9.96	58.26	999.00	999.00	999.00	-1.13	0.01
21	9	22	7	356.00	27.94	8.03	999.00	999.00	353.90	25.74	7.86	57.04	358.10	21.43	10.32	58.11	999.00	999.00	999.00	-1.09	0.15
21	9	22	8	9.46	31.48	7.21	999.00	999.00	7.56	26.11	8.71	57.50	9.57	22.78	10.61	58.58	999.00	999.00	999.00	-1.19	0.00
21	9	22	9	342.10	36.49	3.96	55.17	999.00	339.20	34.82	4.86	57.91	341.40	26.61	7.62	58.92	999.00	-3.43	999.00	-0.92	0.12
21	9	22	10	341.20	33.50	4.49	55.33	999.00	338.80	31.59	5.66	57.46	342.00	23.57	7.97	58.48	999.00	-3.11	999.00	-1.15	0.11
21	9	22	11	351.50	33.92	5.24	56.08	999.00	349.20	30.79	5.61	57.67	354.00	23.70	9.06	58.78	999.00	-2.43	999.00	-0.96	0.14
21	9	22	12	359.90	28.10	9.57	56.49	999.00	357.10	24.88	9.33	57.88	0.77	22.17	10.82	58.89	999.00	-2.38	999.00	-1.00	0.13

21	9	22	13	356.80	27.34	8.80	56.96	999.00	355.10	24.02	9.29	58.30	359.90	19.84	9.23	59.19	999.00	-2.31	999.00	-0.92	0.09
21	9	22	14	348.60	38.16	4.61	56.89	999.00	346.20	35.04	5.65	58.30	347.60	27.90	8.48	59.28	999.00	-2.40	999.00	-1.07	0.13
21	9	22	15	352.60	40.35	5.06	56.88	999.00	349.80	37.13	5.55	58.17	353.40	29.51	8.97	59.09	999.00	-2.26	999.00	-0.95	0.05
21	9	22	16	350.50	35.29	6.76	56.88	999.00	348.10	32.00	7.54	58.17	350.20	25.03	10.04	59.09	999.00	-2.17	999.00	-1.14	0.04
21	9	22	17	354.30	35.83	7.22	56.50	999.00	351.90	31.67	7.26	57.56	355.40	25.92	8.83	59.26	999.00	-2.99	999.00	-1.98	0.00
21	9	22	18	356.40	32.62	8.49	56.82	999.00	353.80	29.61	9.40	57.80	357.60	25.60	9.85	59.95	999.00	-3.17	999.00	-1.25	0.00
21	9	22	19	351.10	41.46	4.61	55.62	999.00	348.60	37.43	5.30	57.21	353.10	27.80	9.03	58.80	999.00	-3.20	999.00	-1.93	0.06
21	9	22	20	350.40	38.19	5.30	54.30	999.00	347.20	34.27	6.23	55.46	350.40	27.28	8.27	56.86	999.00	-2.28	999.00	-1.14	0.08
21	9	22	21	354.30	32.11	7.39	54.42	999.00	351.20	28.96	8.20	55.57	357.50	23.97	11.02	56.61	999.00	-2.11	999.00	-0.98	0.40
21	9	22	22	332.00	24.09	4.67	54.01	999.00	329.70	22.78	5.16	55.12	333.50	15.63	8.89	56.11	999.00	-1.96	999.00	-0.94	0.24
21	9	22	23	294.70	19.20	22.55	53.78	999.00	290.40	17.84	23.90	54.85	290.70	11.95	27.22	55.87	999.00	-2.36	999.00	-1.17	0.14
21	9	22	24	283.40	21.54	6.39	50.35	999.00	280.40	19.12	6.92	51.39	282.60	12.46	12.12	52.31	999.00	-1.83	999.00	-0.89	0.10
21	9	23	1	288.00	28.48	5.28	49.09	999.00	283.80	26.55	5.71	50.14	282.70	17.28	11.39	51.00	999.00	-2.18	999.00	-0.85	0.11
21	9	23	2	285.70	26.99	5.38	48.74	999.00	282.10	24.51	5.45	49.83	279.70	16.61	9.97	50.75	999.00	-1.96	999.00	-0.98	0.02
21	9	23	3	281.10	24.83	5.03	48.30	999.00	276.90	22.24	5.52	49.16	272.40	14.83	10.42	50.06	999.00	-1.73	999.00	-0.88	0.01
21	9	23	4	273.50	20.47	5.94	47.58	999.00	268.40	18.85	6.22	48.42	262.10	12.23	10.16	49.33	999.00	-1.74	999.00	-0.89	0.01
21	9	23	5	262.80	15.34	6.23	46.46	999.00	256.40	13.79	7.11	47.30	250.40	8.88	11.47	48.25	999.00	-1.78	999.00	-1.00	0.00
21	9	23	6	229.90	15.18	5.63	46.14	999.00	225.20	14.35	5.86	46.92	223.60	9.93	10.22	48.05	999.00	-2.06	999.00	-1.24	0.01
21	9	23	7	218.60	15.60	5.08	45.98	999.00	213.10	14.23	5.77	46.83	211.60	9.01	13.65	47.97	999.00	-2.01	999.00	-1.15	0.01
21	9	23	8	218.60	15.65	4.91	45.76	999.00	214.70	14.27	5.81	46.62	215.00	9.00	13.98	47.85	999.00	-2.19	999.00	-1.34	0.00
21	9	23	9	221.90	18.10	5.20	45.79	999.00	218.40	16.52	5.77	46.61	222.10	12.46	11.18	47.99	999.00	-2.22	999.00	-1.39	0.00
21	9	23	10	225.20	19.81	5.01	45.95	999.00	222.60	18.56	5.53	46.67	221.80	13.39	11.33	48.30	999.00	-2.31	999.00	-1.60	0.00
21	9	23	11	228.10	20.43	4.58	46.20	999.00	224.20	19.49	5.66	46.85	226.90	14.69	9.61	48.52	999.00	-2.38	999.00	-1.84	0.00
21	9	23	12	229.60	21.96	4.68	46.62	999.00	226.90	20.98	5.42	47.11	230.50	14.80	10.80	49.02	999.00	-2.40	999.00	-1.91	0.02
21	9	23	13	228.10	23.17	5.23	47.09	999.00	226.20	22.17	5.84	47.58	229.00	15.33	10.27	49.53	999.00	-2.52	999.00	-1.86	0.00
21	9	23	14	229.50	24.28	5.95	47.09	999.00	227.40	22.81	6.19	47.58	230.60	15.23	11.27	49.53	999.00	-2.66	999.00	-2.06	0.00
21	9	23	15	237.70	24.54	5.57	48.49	999.00	234.90	23.19	5.51	48.90	238.10	15.76	11.78	50.96	999.00	-2.66	999.00	-2.24	0.01
21	9	23	16	242.30	24.46	6.47	49.16	999.00	239.80	22.43	7.72	49.81	242.10	16.23	12.07	51.87	999.00	-2.68	999.00	-2.37	0.02
21	9	23	17	248.50	21.88	6.97	50.82	999.00	244.60	20.13	7.55	50.66	246.10	14.68	13.30	52.38	999.00	-1.63	999.00	-1.69	0.00
21	9	23	18	239.50	24.40	5.84	50.76	999.00	236.80	21.94	6.64	50.84	239.90	14.33	11.41	52.91	999.00	-1.90	999.00	-1.67	0.00
21	9	23	19	226.80	20.48	5.88	51.89	999.00	223.20	18.24	6.18	51.84	226.00	11.65	11.41	53.74	999.00	-1.83	999.00	-2.08	0.00
21	9	23	20	244.00	19.35	6.89	52.99	999.00	241.90	16.85	7.46	53.33	244.90	10.77	11.36	54.72	999.00	-1.34	999.00	-0.85	0.00
21	9	23	21	234.30	21.70	5.22	53.17	999.00	230.60	20.43	5.59	53.69	232.20	14.01	10.47	54.64	999.00	-1.50	999.00	-0.96	0.00
21	9	23	22	232.50	22.10	5.74	52.44	999.00	229.10	20.12	5.91	53.02	230.10	14.01	9.66	54.05	999.00	-1.74	999.00	-1.06	0.00
21	9	23	23	240.90	21.91	6.66	51.65	999.00	237.60	20.09	7.25	52.31	242.60	14.40	11.60	53.28	999.00	-1.53	999.00	-0.92	0.00
21	9	23	24	229.10	20.31	4.39	52.40	999.00	224.90	18.47	4.71	52.95	226.20	12.00	10.04	53.89	999.00	-1.51	999.00	-1.00	0.00
21	9	24	1	239.80	20.02	5.99	52.21	999.00	236.90	18.33	6.50	52.74	236.90	12.19	11.32	53.72	999.00	-1.55	999.00	-1.00	0.00
21	9	24	2	232.00	21.91	4.00	52.37	999.00	229.40	19.60	4.29	52.86	232.30	11.64	10.57	53.68	999.00	-1.22	999.00	-0.76	0.00
21	9	24	3	235.40	23.72	3.27	52.26	999.00	232.20	20.97	3.97	52.72	235.90	13.66	9.06	53.44	999.00	-0.98	999.00	-0.58	0.00
21	9	24	4	227.70	19.88	3.47	51.59	999.00	223.40	16.38	4.20	51.84	222.00	9.08	10.20	52.20	999.00	-0.37	999.00	-0.21	0.00
21	9	24	5	220.20	18.57	2.16	51.82	999.00	214.20	15.62	2.79	51.84	208.20	5.41	13.22	51.39	999.00	1.10	999.00	0.99	0.00
21	9	24	6	207.70	20.26	1.73	52.08	999.00	199.50	16.88	2.44	51.89	192.50	5.30	12.66	50.62	999.00	1.76	999.00	1.46	0.00
21	9	24	7	211.20	22.38	3.42	51.62	999.00	205.80	18.55	4.07	51.33	202.70	6.97	13.22	50.40	999.00	1.31	999.00	1.03	0.00
21	9	24	8	223.00	21.81	3.04	52.42	999.00	218.50	18.67	4.10	52.44	213.60	8.82	13.71	52.07	999.00	-0.02	999.00	0.09	0.00
21	9	24	9	231.10	19.82	4.87	52.59	999.00	228.10	17.82	5.28	52.88	228.30	11.78	9.96	53.43	999.00	-1.51	999.00	-1.07	0.00
21	9	24	10	234.10	18.88	6.00	54.53	999.00	232.20	18.20	6.39	55.03	236.20	13.13	11.11	56.42	999.00	-2.10	999.00	-1.60	0.00

21	9	24	11	238.80	18.18	6.73	57.38	999.00	237.60	16.51	7.07	57.86	238.60	11.73	13.18	59.67	999.00	-2.44	999.00	-1.93	0.00
21	9	24	12	239.10	18.24	4.87	60.54	999.00	235.80	17.49	5.04	61.01	236.00	13.47	10.97	63.06	999.00	-2.48	999.00	-2.01	0.00
21	9	24	13	240.80	20.47	8.46	63.95	999.00	238.30	19.27	9.05	64.46	240.80	13.63	13.80	66.54	999.00	-2.56	999.00	-2.07	0.00
21	9	24	14	244.90	20.00	8.03	66.78	999.00	242.00	19.04	8.42	67.26	243.30	13.43	14.26	69.24	999.00	-2.48	999.00	-2.03	0.00
21	9	24	15	244.90	18.84	12.24	68.48	999.00	242.70	17.99	12.36	68.97	244.10	12.72	18.10	70.90	999.00	-2.41	999.00	-1.94	0.00
21	9	24	16	237.80	18.51	7.86	69.37	999.00	235.90	17.09	9.17	69.84	238.50	12.51	12.83	71.63	999.00	-2.25	999.00	-1.76	0.00
21	9	24	17	237.20	14.32	13.65	70.35	999.00	235.20	13.34	13.50	70.82	240.30	9.70	14.85	72.22	999.00	-1.74	999.00	-1.29	0.00
21	9	24	18	225.40	16.74	5.54	70.85	999.00	222.70	16.09	6.22	71.30	222.50	10.40	12.89	72.20	999.00	-1.14	999.00	-0.69	0.00
21	9	24	19	219.30	12.59	3.17	70.80	999.00	215.50	11.01	3.48	71.15	212.40	4.01	13.04	71.13	999.00	0.29	999.00	0.53	0.00
21	9	24	20	197.60	12.69	6.36	70.31	999.00	190.70	11.64	6.84	70.63	165.60	3.51	9.74	68.33	999.00	3.02	999.00	3.26	0.00
21	9	24	21	204.80	21.87	1.65	68.95	999.00	196.50	17.60	2.19	68.51	186.10	5.27	10.21	65.24	999.00	4.13	999.00	3.42	0.00
21	9	24	22	197.80	23.26	1.86	69.16	999.00	188.80	18.90	2.48	67.78	174.70	4.50	12.14	63.98	999.00	5.86	999.00	4.08	0.00
21	9	24	23	189.10	24.18	2.08	66.33	999.00	182.20	19.67	2.41	65.02	181.70	6.53	11.69	61.89	999.00	3.47	999.00	2.47	0.00
21	9	24	24	191.60	24.17	2.34	63.57	999.00	186.00	19.86	3.08	62.75	190.00	7.20	13.94	61.24	999.00	1.62	999.00	1.03	0.00
21	9	25	1	192.20	21.55	2.86	61.69	999.00	187.80	17.49	3.46	61.19	194.90	6.05	13.99	60.29	999.00	1.01	999.00	0.65	0.00
21	9	25	2	192.70	24.87	2.82	60.72	999.00	186.90	20.61	3.76	60.34	190.00	8.02	14.43	59.74	999.00	0.83	999.00	0.40	0.00
21	9	25	3	186.90	24.65	3.66	60.43	999.00	181.70	20.73	4.73	60.26	186.70	8.93	14.83	60.04	999.00	0.32	999.00	0.17	0.00
21	9	25	4	187.60	23.97	4.44	60.49	999.00	184.00	20.44	5.18	60.49	190.40	8.63	16.25	60.52	999.00	-0.41	999.00	-0.27	0.00
21	9	25	5	182.90	23.28	4.07	59.83	999.00	178.20	19.84	5.03	59.93	183.40	8.61	15.78	59.99	999.00	-0.02	999.00	0.05	0.00
21	9	25	6	194.70	21.92	4.39	59.57	999.00	191.70	19.09	5.57	59.72	199.40	8.12	15.01	59.90	999.00	-0.57	999.00	-0.32	0.00
21	9	25	7	192.90	20.37	5.29	58.50	999.00	188.10	17.34	5.96	58.68	191.50	7.43	17.41	58.88	999.00	-0.37	999.00	-0.18	0.00
21	9	25	8	203.70	21.66	4.26	58.43	999.00	200.30	18.96	5.52	58.64	201.20	8.66	14.69	58.87	999.00	-0.64	999.00	-0.35	0.00
21	9	25	9	228.00	16.94	4.92	58.18	999.00	223.30	14.94	5.57	58.54	219.50	8.97	9.86	59.19	999.00	-1.00	999.00	-0.61	0.00
21	9	25	10	257.40	17.49	6.18	57.64	999.00	253.20	15.46	6.82	58.20	254.20	9.63	12.13	59.10	999.00	-1.33	999.00	-0.76	0.02
21	9	25	11	267.20	13.93	8.32	54.67	999.00	261.90	12.51	8.12	55.04	260.80	7.57	13.12	56.08	999.00	-1.45	999.00	-0.99	0.00
21	9	25	12	286.70	13.91	10.12	55.84	999.00	284.00	13.66	10.01	56.42	278.10	10.35	12.26	58.12	999.00	-2.62	999.00	-2.01	0.00
21	9	25	13	291.00	14.24	7.65	57.02	999.00	288.90	14.16	9.33	57.62	291.00	10.89	15.67	59.64	999.00	-2.57	999.00	-1.97	0.00
21	9	25	14	308.80	14.48	11.78	58.04	999.00	309.40	14.74	11.91	58.62	318.90	11.48	17.87	61.05	999.00	-3.06	999.00	-2.39	0.00
21	9	25	15	301.20	14.97	8.01	59.31	999.00	300.40	14.65	8.67	59.90	308.20	10.58	15.09	62.06	999.00	-2.83	999.00	-2.23	0.00
21	9	25	16	288.80	14.08	10.69	61.58	999.00	284.90	13.37	11.07	62.17	287.40	9.81	14.49	64.40	999.00	-2.65	999.00	-2.07	0.00
21	9	25	17	262.60	14.62	12.09	62.74	999.00	258.70	13.75	12.08	63.26	258.40	10.18	15.63	65.07	999.00	-1.92	999.00	-1.42	0.00
21	9	25	18	258.10	17.39	5.15	62.96	999.00	254.40	16.33	6.40	63.46	252.40	11.06	10.81	64.63	999.00	-1.43	999.00	-0.97	0.00
21	9	25	19	249.60	14.70	4.57	62.46	999.00	246.20	13.24	5.74	62.86	247.90	8.00	10.21	63.41	999.00	-0.73	999.00	-0.34	0.00
21	9	25	20	245.20	14.90	1.90	62.01	999.00	238.10	12.57	2.27	62.17	215.20	4.13	9.44	61.33	999.00	2.00	999.00	1.91	0.00
21	9	25	21	242.70	16.67	2.88	61.83	999.00	233.60	14.75	3.58	61.63	208.10	4.26	10.55	58.53	999.00	3.56	999.00	3.26	0.00
21	9	25	22	250.30	18.42	2.56	61.30	999.00	238.80	15.81	3.15	60.58	215.90	4.88	8.80	56.99	999.00	4.69	999.00	3.85	0.00
21	9	25	23	260.00	16.11	3.48	60.20	999.00	243.00	13.93	3.13	59.02	208.50	4.16	11.76	55.63	999.00	4.56	999.00	3.50	0.00
21	9	25	24	251.00	12.59	1.66	59.77	999.00	235.80	12.76	2.50	59.09	192.50	4.53	8.92	54.47	999.00	5.52	999.00	4.93	0.00
21	9	26	1	233.00	14.02	1.84	59.55	999.00	218.70	15.27	2.30	58.39	191.30	5.17	7.92	52.94	999.00	7.36	999.00	5.66	0.00
21	9	26	2	218.40	18.81	1.26	59.52	999.00	206.30	16.32	1.71	56.74	201.50	4.49	9.55	51.64	999.00	7.93	999.00	3.48	0.00
21	9	26	3	219.60	20.66	2.14	58.78	999.00	211.60	16.72	1.87	54.94	206.00	5.30	11.39	51.06	999.00	7.96	999.00	3.85	0.00
21	9	26	4	215.80	20.42	2.40	54.45	999.00	207.40	15.29	4.40	52.38	202.20	5.26	11.85	50.56	999.00	2.18	999.00	1.08	0.00
21	9	26	5	219.40	22.52	2.31	52.53	999.00	212.30	17.46	2.81	51.23	199.30	5.86	10.80	49.86	999.00	3.16	999.00	1.91	0.00
21	9	26	6	227.40	20.68	1.66	52.38	999.00	216.80	16.60	1.72	50.96	206.20	5.45	12.92	49.23	999.00	3.30	999.00	1.84	0.00
21	9	26	7	227.70	21.57	2.00	52.17	999.00	218.50	17.46	2.38	50.79	207.10	6.74	12.11	49.11	999.00	2.71	999.00	1.45	0.00
21	9	26	8	225.30	21.64	2.38	53.03	999.00	214.30	18.00	2.40	51.84	202.00	7.17	11.91	50.51	999.00	2.89	999.00	1.53	0.00

21	9	26	9	218.20	21.77	3.08	53.89	999.00	210.20	17.63	4.83	53.10	209.70	8.72	12.32	52.72	999.00	0.40	999.00	-0.17	0.00
21	9	26	10	228.70	19.64	5.13	56.50	999.00	226.30	18.35	5.20	56.75	228.00	12.71	11.77	57.71	999.00	-1.78	999.00	-1.34	0.00
21	9	26	11	240.80	19.82	5.61	60.26	999.00	238.30	18.27	6.87	60.70	238.00	12.47	12.49	62.37	999.00	-2.23	999.00	-1.77	0.00
21	9	26	12	240.10	21.18	5.13	63.29	999.00	237.60	19.93	5.98	63.80	236.40	14.66	11.02	65.73	999.00	-2.46	999.00	-1.96	0.00
21	9	26	13	242.00	17.33	8.77	66.29	999.00	237.70	16.59	8.68	66.78	236.90	12.48	11.42	68.85	999.00	-2.56	999.00	-2.11	0.00
21	9	26	14	251.10	17.36	10.02	69.13	999.00	249.10	16.48	10.97	69.62	247.30	11.74	16.72	71.68	999.00	-2.54	999.00	-2.02	0.00
21	9	26	15	239.30	21.14	5.24	69.13	999.00	237.40	19.92	6.30	69.62	236.40	13.50	11.71	71.68	999.00	-2.49	999.00	-2.04	0.00
21	9	26	16	242.80	22.12	7.30	72.99	999.00	240.60	20.22	8.12	73.49	242.50	14.07	12.85	75.18	999.00	-1.98	999.00	-1.45	0.00
21	9	26	17	234.90	24.50	7.01	74.19	999.00	232.60	23.00	7.94	74.66	236.00	15.38	12.63	75.90	999.00	-1.54	999.00	-1.13	0.00
21	9	26	18	235.10	24.81	5.07	74.19	999.00	232.50	23.17	5.57	74.66	234.70	15.81	9.89	75.90	999.00	-0.93	999.00	-0.49	0.00
21	9	26	19	225.80	18.18	3.95	74.78	999.00	222.40	16.10	4.14	75.10	220.00	8.20	9.62	74.97	999.00	0.40	999.00	0.69	0.00
21	9	26	20	212.40	21.98	4.10	73.30	999.00	208.00	18.82	4.21	73.33	203.60	6.28	13.71	71.65	999.00	2.49	999.00	2.32	0.00
21	9	26	21	212.20	22.54	3.42	70.65	999.00	207.80	19.24	4.16	70.61	203.50	7.88	14.37	69.16	999.00	1.25	999.00	1.23	0.00
21	9	26	22	215.20	24.16	4.31	68.89	999.00	211.30	20.93	5.00	68.93	209.10	9.35	12.50	67.94	999.00	0.81	999.00	0.91	0.00
21	9	26	23	208.00	24.30	3.30	68.89	999.00	203.70	20.51	4.30	68.93	204.50	9.17	14.13	67.94	999.00	0.46	999.00	0.48	0.00
21	9	26	24	213.00	24.74	3.72	66.25	999.00	209.00	21.44	4.46	66.38	209.10	10.64	15.01	66.10	999.00	0.12	999.00	0.29	0.00
21	9	27	1	217.00	25.25	4.78	66.28	999.00	213.90	22.30	5.00	66.54	213.90	11.77	12.60	66.41	999.00	-0.31	999.00	0.02	0.00
21	9	27	2	214.80	24.87	4.47	65.79	999.00	211.80	21.59	4.84	66.10	213.00	11.03	12.27	66.16	999.00	-0.32	999.00	-0.01	0.00
21	9	27	3	213.70	25.56	4.87	65.40	999.00	209.80	22.43	5.32	65.65	210.20	11.74	12.94	65.63	999.00	-0.29	999.00	-0.02	0.00
21	9	27	4	209.70	23.42	4.69	65.25	999.00	205.60	20.02	5.60	65.50	205.50	10.01	14.25	65.53	999.00	-0.23	999.00	0.00	0.00
21	9	27	5	206.70	24.77	4.23	65.01	999.00	202.40	21.71	4.95	65.09	201.70	9.71	13.65	64.75	999.00	0.15	999.00	0.25	0.00
21	9	27	6	201.60	24.26	4.73	64.56	999.00	196.60	20.77	6.12	64.70	199.10	9.35	14.53	64.64	999.00	-0.04	999.00	0.10	0.00
21	9	27	7	198.60	23.72	3.51	64.23	999.00	192.70	20.45	4.10	64.23	192.50	8.65	14.46	64.06	999.00	0.40	999.00	0.32	0.00
21	9	27	8	201.20	21.89	4.28	64.21	999.00	194.90	18.60	4.65	64.09	191.00	7.58	13.87	63.60	999.00	0.68	999.00	0.62	0.00
21	9	27	9	211.90	22.45	5.19	64.43	999.00	207.00	19.41	6.49	64.42	205.70	9.32	15.11	64.37	999.00	-0.18	999.00	-0.04	0.00
21	9	27	10	219.40	27.61	4.71	67.51	999.00	216.60	25.29	5.65	67.90	219.60	17.31	10.42	68.73	999.00	-1.55	999.00	-1.14	0.00
21	9	27	11	222.90	24.80	6.06	69.32	999.00	220.30	23.61	6.26	69.73	223.70	16.29	11.95	71.10	999.00	-1.92	999.00	-1.50	0.00
21	9	27	12	233.50	24.42	6.26	69.32	999.00	231.50	23.24	6.52	69.73	233.50	16.33	10.37	71.10	999.00	-2.14	999.00	-1.71	0.00
21	9	27	13	235.70	24.66	5.05	73.70	999.00	233.90	23.29	6.43	74.11	234.50	16.39	10.71	75.90	999.00	-2.16	999.00	-1.74	0.00
21	9	27	14	231.50	24.91	4.43	75.75	999.00	229.50	23.84	4.74	76.17	232.30	15.83	11.18	77.97	999.00	-2.10	999.00	-1.70	0.00
21	9	27	15	238.90	22.38	7.02	77.84	999.00	237.50	21.00	7.97	78.27	236.90	14.20	12.50	79.93	999.00	-2.05	999.00	-1.60	0.00
21	9	27	16	235.00	23.52	5.26	79.43	999.00	232.60	22.49	5.79	79.90	237.30	15.49	11.93	81.40	999.00	-1.75	999.00	-1.29	0.00
21	9	27	17	242.60	21.54	4.44	81.14	999.00	239.70	20.28	5.25	81.55	240.80	12.81	11.17	82.68	999.00	-1.38	999.00	-1.01	0.00
21	9	27	18	273.80	12.84	6.24	81.14	999.00	273.30	12.05	6.59	81.55	274.90	7.86	12.13	82.68	999.00	-1.60	999.00	-1.07	0.00
21	9	27	19	269.00	14.44	3.63	80.48	999.00	265.70	12.63	4.31	80.79	259.70	5.02	8.21	80.85	999.00	0.45	999.00	0.65	0.00
21	9	27	20	282.00	14.57	1.20	80.01	999.00	279.20	12.71	1.31	79.94	277.50	2.89	8.68	78.07	999.00	3.55	999.00	3.40	0.00
21	9	27	21	305.50	12.55	1.31	79.46	999.00	303.00	12.41	0.86	79.71	269.20	2.65	7.65	75.98	999.00	3.69	999.00	3.94	0.00
21	9	27	22	220.30	9.80	5.14	77.60	999.00	216.50	10.13	4.68	77.95	196.70	4.13	9.50	73.43	999.00	4.66	999.00	5.17	0.00
21	9	27	23	294.90	4.63	7.78	77.19	999.00	282.00	4.41	7.51	77.72	197.60	0.15	16.73	72.65	999.00	4.60	999.00	5.10	0.00
21	9	27	24	272.80	4.92	6.59	76.46	999.00	267.90	4.53	8.10	76.92	166.70	1.85	7.73	70.40	999.00	6.12	999.00	6.53	0.00
21	9	28	1	23.20	16.98	6.74	66.78	999.00	19.92	13.73	8.24	66.73	21.10	12.77	10.26	66.88	999.00	-1.60	999.00	-1.07	0.00
21	9	28	2	24.26	16.45	6.68	62.74	999.00	21.48	13.11	7.39	63.28	22.86	13.15	9.51	64.39	999.00	-1.66	999.00	-1.11	0.00
21	9	28	3	18.47	15.85	5.24	62.03	999.00	16.87	12.25	6.74	62.59	21.24	12.12	10.10	63.72	999.00	-1.66	999.00	-1.11	0.00
21	9	28	4	19.62	15.12	4.13	61.74	999.00	17.78	11.24	5.68	62.30	22.65	10.98	9.42	63.39	999.00	-1.64	999.00	-1.07	0.00
21	9	28	5	16.48	12.36	4.68	61.43	999.00	13.96	9.76	5.01	61.97	18.96	9.07	9.81	63.04	999.00	-1.59	999.00	-1.05	0.00
21	9	28	6	8.89	12.64	10.38	61.09	999.00	5.43	10.96	10.43	61.65	10.28	9.28	12.15	62.69	999.00	-1.63	999.00	-1.06	0.00

21	9	28	7	8.70	14.46	9.35	60.68	999.00	5.90	11.94	10.21	61.24	9.54	11.04	9.53	62.28	999.00	-1.60	999.00	-1.04	0.00
21	9	28	8	13.80	16.72	5.03	60.54	999.00	11.79	12.92	7.18	61.10	13.70	12.16	10.27	62.07	999.00	-1.50	999.00	-0.92	0.00
21	9	28	9	17.35	19.65	5.16	60.52	999.00	14.59	15.56	7.24	61.20	19.98	14.79	10.25	62.06	999.00	-1.58	999.00	-0.87	0.00
21	9	28	10	32.75	16.67	7.97	60.65	999.00	29.87	14.93	9.44	61.36	27.69	13.92	9.61	62.24	999.00	-1.54	999.00	-0.87	0.00
21	9	28	11	35.33	13.54	8.68	61.07	999.00	32.42	12.64	9.06	61.62	28.60	11.62	10.65	62.79	999.00	-1.67	999.00	-1.16	0.00
21	9	28	12	38.92	12.46	9.88	61.56	999.00	35.87	11.62	9.82	62.00	35.44	9.52	16.06	63.23	999.00	-1.80	999.00	-1.36	0.00
21	9	28	13	47.89	11.23	11.48	62.18	999.00	44.76	10.98	13.02	62.63	51.13	9.17	18.00	63.93	999.00	-1.95	999.00	-1.48	0.00
21	9	28	14	71.90	8.97	12.58	62.55	999.00	70.90	8.88	11.80	63.05	72.10	6.52	25.12	64.57	999.00	-2.51	999.00	-1.94	0.00
21	9	28	15	71.90	6.68	19.99	62.59	999.00	65.15	6.73	23.61	63.22	54.87	5.16	31.30	64.87	999.00	-2.21	999.00	-1.55	0.00
21	9	28	16	49.87	6.17	15.32	63.01	999.00	46.71	5.99	17.33	63.68	49.23	5.57	26.36	65.21	999.00	-1.97	999.00	-1.35	0.00
21	9	28	17	51.14	4.51	27.10	63.76	999.00	49.34	4.60	27.94	64.38	55.03	4.06	38.69	65.47	999.00	-1.67	999.00	-1.09	0.00
21	9	28	18	103.00	3.56	20.35	63.80	999.00	107.20	3.46	18.96	64.43	112.90	3.01	19.69	65.40	999.00	-1.73	999.00	-0.90	0.00
21	9	28	19	127.80	5.18	4.70	63.05	999.00	126.30	5.02	4.14	63.72	137.80	2.21	22.16	64.47	999.00	-1.32	999.00	-0.63	0.00
21	9	28	20	129.90	5.78	4.18	63.09	999.00	128.10	5.07	1.35	63.43	331.30	0.65	53.84	62.88	999.00	1.18	999.00	1.33	0.00
21	9	28	21	152.70	6.65	1.90	62.51	999.00	150.50	6.70	1.46	62.58	196.80	1.65	9.12	61.90	999.00	1.01	999.00	1.10	0.00
21	9	28	22	126.30	5.46	10.08	63.00	999.00	137.30	5.05	7.69	62.97	60.65	1.23	32.28	60.54	999.00	3.20	999.00	3.10	0.00
21	9	28	23	89.00	5.22	8.03	62.81	999.00	93.70	5.48	7.62	62.84	97.70	1.05	45.21	60.25	999.00	1.52	999.00	1.85	0.00
21	9	28	24	88.70	6.03	2.90	62.01	999.00	89.90	5.70	2.60	62.37	235.10	1.31	10.68	59.92	999.00	2.94	999.00	3.25	0.00
21	9	29	1	107.90	3.54	6.87	61.57	999.00	137.50	2.58	23.86	61.53	225.00	1.82	9.75	59.94	999.00	1.06	999.00	0.83	0.00
21	9	29	2	62.86	4.95	2.26	61.40	999.00	76.80	2.72	6.62	61.01	77.30	1.00	29.53	58.56	999.00	4.28	999.00	4.29	0.00
21	9	29	3	59.90	10.15	4.20	61.07	999.00	55.33	9.49	4.76	61.34	97.30	2.40	17.84	58.05	999.00	0.83	999.00	1.20	0.00
21	9	29	4	53.49	13.74	3.26	61.07	999.00	49.43	13.05	4.28	61.34	55.43	7.60	10.28	58.05	999.00	-0.91	999.00	-0.42	0.00
21	9	29	5	68.52	8.41	4.89	59.76	999.00	66.48	7.61	5.69	60.22	88.30	2.36	13.98	60.39	999.00	-0.34	999.00	0.04	0.00
21	9	29	6	63.57	8.44	4.56	60.47	999.00	59.88	8.01	4.76	60.91	154.30	2.19	20.27	59.92	999.00	1.57	999.00	1.99	0.00
21	9	29	7	49.20	4.86	22.82	60.23	999.00	27.75	3.04	31.44	60.61	238.00	2.04	43.37	57.72	999.00	3.65	999.00	3.99	0.00
21	9	29	8	62.68	4.16	13.17	59.89	999.00	62.32	2.58	23.26	60.09	211.40	2.41	14.66	56.73	999.00	4.32	999.00	4.58	0.00
21	9	29	9	316.50	1.23	44.30	60.15	999.00	281.30	0.63	77.20	61.08	228.50	2.39	9.26	56.66	999.00	1.72	999.00	2.78	0.00
21	9	29	10	4.65	3.27	16.42	61.56	999.00	347.20	3.01	31.25	62.18	339.60	2.64	48.08	62.38	999.00	-1.84	999.00	-1.33	0.00
21	9	29	11	20.00	5.55	18.14	62.75	999.00	16.97	5.03	17.28	63.24	7.87	5.23	19.09	63.45	999.00	-0.52	999.00	-0.22	0.00
21	9	29	12	35.70	5.47	15.98	62.69	999.00	32.41	5.38	15.79	62.99	37.45	5.09	33.28	63.39	999.00	-0.80	999.00	-0.33	0.00
21	9	29	13	27.07	6.02	14.03	63.07	999.00	27.72	6.14	15.76	63.42	26.13	6.05	21.49	64.08	999.00	-0.95	999.00	-0.67	0.00
21	9	29	14	37.37	6.35	15.88	63.22	999.00	31.54	5.89	15.67	63.56	18.39	5.74	20.48	64.29	999.00	-1.18	999.00	-0.66	0.00
21	9	29	15	33.38	6.44	13.42	63.63	999.00	27.78	6.16	15.16	63.89	23.67	6.76	17.48	64.72	999.00	-1.08	999.00	-0.87	0.00
21	9	29	16	46.43	7.11	10.46	63.69	999.00	42.36	7.30	8.63	64.10	37.56	6.18	16.55	65.33	999.00	-1.63	999.00	-1.15	0.00
21	9	29	17	43.25	4.03	13.68	65.10	999.00	40.46	4.20	11.46	65.64	34.73	3.80	22.63	66.47	999.00	-0.66	999.00	-0.29	0.00
21	9	29	18	33.36	3.46	22.96	66.04	999.00	31.40	3.58	22.34	66.51	39.03	3.88	17.15	66.50	999.00	-0.70	999.00	-0.16	0.00
21	9	29	19	68.31	3.92	7.30	64.87	999.00	63.68	3.72	6.74	65.24	81.50	1.59	15.23	65.54	999.00	-1.22	999.00	-0.69	0.00
21	9	29	20	79.60	9.05	1.99	63.86	999.00	75.80	8.71	2.73	64.20	91.40	3.35	7.95	64.08	999.00	-0.23	999.00	0.21	0.00
21	9	29	21	78.40	10.05	1.81	63.90	999.00	74.60	9.64	2.47	64.31	86.10	3.82	9.00	64.10	999.00	0.06	999.00	0.38	0.00
21	9	29	22	86.10	9.84	1.84	64.04	999.00	82.90	9.45	2.08	64.38	91.90	3.91	10.52	64.13	999.00	-0.11	999.00	0.24	0.00
21	9	29	23	89.10	6.73	3.60	63.78	999.00	91.30	6.32	2.41	64.19	200.90	2.23	22.79	62.75	999.00	3.30	999.00	3.69	0.00
21	9	29	24	76.70	8.76	3.23	63.52	999.00	75.00	8.09	4.10	63.90	192.80	1.36	14.92	60.19	999.00	4.33	999.00	4.68	0.00
21	9	30	1	70.10	8.13	3.29	63.52	999.00	65.35	7.71	3.46	63.90	225.00	1.91	14.45	60.19	999.00	3.38	999.00	3.81	0.00
21	9	30	2	56.57	8.48	2.18	62.88	999.00	52.19	8.09	2.50	63.22	231.10	2.60	4.53	57.35	999.00	6.06	999.00	6.50	0.00
21	9	30	3	71.40	6.41	6.88	62.63	999.00	76.20	4.53	15.24	62.74	205.30	3.31	11.34	56.40	999.00	6.36	999.00	6.16	0.00
21	9	30	4	61.66	4.64	8.64	61.46	999.00	60.03	2.17	47.73	60.78	299.70	1.09	24.71	55.08	999.00	6.63	999.00	6.10	0.00

21	9	30	5	63.05	10.43	4.05	61.78	999.00	60.18	8.97	4.93	61.85	221.10	1.83	44.63	55.99	999.00	4.59	999.00	4.78	0.00
21	9	30	6	78.90	7.51	8.02	61.72	999.00	81.90	6.56	9.36	61.97	194.40	2.45	11.00	58.59	999.00	5.46	999.00	5.67	0.00
21	9	30	7	93.20	6.32	4.57	60.67	999.00	104.60	5.13	4.56	60.84	192.30	2.45	9.90	53.15	999.00	7.44	999.00	7.54	0.00
21	9	30	8	84.30	5.69	3.19	59.91	999.00	100.70	3.04	12.56	59.48	196.10	2.01	11.21	52.82	999.00	6.70	999.00	6.45	0.00
21	9	30	9	106.50	4.74	3.70	60.41	999.00	114.40	3.43	4.57	60.68	221.40	2.33	12.70	55.06	999.00	4.10	999.00	4.84	0.00
21	9	30	10	101.70	4.72	9.45	60.41	999.00	125.40	2.89	22.82	60.68	194.60	1.90	42.22	55.06	999.00	-0.88	999.00	0.52	0.00
21	9	30	11	103.30	5.76	14.11	61.60	999.00	105.10	5.35	15.74	62.56	106.60	3.19	38.19	63.56	999.00	-2.44	999.00	-1.42	0.00
21	9	30	12	76.90	7.50	10.13	62.10	999.00	70.10	7.33	9.20	62.83	74.40	5.59	17.90	64.33	999.00	-2.50	999.00	-1.81	0.00
21	9	30	13	59.13	6.40	17.26	62.75	999.00	57.31	6.35	18.12	63.54	52.54	5.05	23.99	64.71	999.00	-1.65	999.00	-1.05	0.00
21	9	30	14	44.77	7.37	13.46	63.06	999.00	39.93	7.18	12.97	63.74	32.41	6.20	18.28	64.96	999.00	-1.27	999.00	-0.77	0.00
21	9	30	15	40.92	5.60	14.31	64.00	999.00	34.89	5.79	15.88	64.43	39.83	5.07	21.90	65.26	999.00	-0.84	999.00	-0.46	0.00
21	9	30	16	46.00	4.59	16.71	63.83	999.00	41.24	4.73	14.53	64.39	42.65	4.28	20.35	65.42	999.00	-1.49	999.00	-0.87	0.00
21	9	30	17	78.40	5.04	13.13	64.17	999.00	76.60	4.84	13.61	64.84	83.10	3.85	20.11	65.89	999.00	-2.08	999.00	-1.31	0.00
21	9	30	18	101.30	5.90	5.67	63.98	999.00	99.80	5.67	7.20	64.66	116.80	3.72	19.12	65.77	999.00	-1.58	999.00	-1.00	0.00
21	9	30	19	114.40	8.43	1.94	63.65	999.00	113.90	7.11	6.25	64.19	130.40	2.45	18.01	64.95	999.00	-0.89	999.00	-0.48	0.00
21	9	30	20	117.10	11.22	2.78	63.63	999.00	116.50	11.39	2.36	63.97	124.20	4.14	11.32	63.13	999.00	0.44	999.00	0.86	0.00
21	9	30	21	120.20	8.90	2.58	63.30	999.00	122.80	8.99	1.58	63.57	205.90	1.37	35.30	61.13	999.00	3.67	999.00	4.00	0.00
21	9	30	22	133.00	11.18	4.44	63.36	999.00	134.80	10.78	2.43	63.35	133.80	2.28	9.85	59.63	999.00	2.91	999.00	2.69	0.00
21	9	30	23	140.00	11.57	3.46	63.30	999.00	142.00	11.42	1.86	62.80	166.00	1.08	25.71	59.12	999.00	5.39	999.00	4.85	0.00
21	9	30	24	146.90	12.38	1.25	62.65	999.00	149.10	10.90	0.97	61.87	181.90	1.90	20.27	56.98	999.00	5.66	999.00	4.90	0.00
21	10	1	1	156.10	14.04	1.21	61.77	999.00	160.00	11.70	1.14	60.12	182.10	1.71	15.49	56.29	999.00	5.51	999.00	3.43	0.00
21	10	1	2	156.00	14.32	0.44	61.49	999.00	155.90	14.04	0.31	59.51	155.50	1.63	32.11	55.25	999.00	6.76	999.00	5.55	0.00
21	10	1	3	159.20	13.00	0.54	61.54	999.00	154.90	13.85	0.50	60.20	184.70	1.57	10.33	54.62	999.00	7.13	999.00	6.59	0.00
21	10	1	4	159.50	13.74	1.28	61.31	999.00	160.50	11.65	0.81	59.71	166.30	1.53	14.49	54.03	999.00	7.45	999.00	5.24	0.00
21	10	1	5	174.00	15.74	1.75	60.29	999.00	178.40	12.25	1.04	57.81	187.20	2.88	8.55	52.82	999.00	7.04	999.00	4.26	0.00
21	10	1	6	182.10	16.87	0.79	60.01	999.00	187.70	14.19	1.38	57.03	196.30	4.19	10.91	52.12	999.00	7.82	999.00	4.57	0.00
21	10	1	7	179.90	17.13	0.67	60.01	999.00	184.30	15.32	1.80	57.03	181.70	3.06	12.76	52.12	999.00	7.97	999.00	6.39	0.00
21	10	1	8	179.50	16.33	0.67	59.09	999.00	184.00	15.43	1.32	57.43	193.50	3.52	9.19	50.83	999.00	999.00	999.00	6.45	0.00
21	10	1	9	182.30	16.15	0.98	999.00	999.00	183.30	16.35	1.54	56.94	186.10	4.24	15.74	51.85	999.00	999.00	999.00	4.17	0.00
21	10	1	10	187.60	10.09	4.71	60.12	999.00	182.70	7.14	6.88	57.50	197.80	4.58	15.88	56.56	999.00	-0.30	999.00	-0.10	0.00
21	10	1	11	192.60	6.94	10.90	60.72	999.00	190.50	6.23	12.89	61.43	201.30	4.95	21.35	62.29	999.00	-2.26	999.00	-1.28	0.00
21	10	1	12	181.20	9.13	13.42	64.34	999.00	177.10	8.58	13.63	65.61	179.30	5.49	23.45	66.47	999.00	-2.06	999.00	-0.79	0.00
21	10	1	13	142.00	7.61	14.38	66.30	999.00	138.80	7.23	15.53	67.46	136.10	4.95	20.20	68.57	999.00	-2.18	999.00	-1.13	0.00
21	10	1	14	104.90	7.83	15.24	67.62	999.00	98.30	7.25	19.79	68.35	104.80	5.38	25.66	69.97	999.00	-2.31	999.00	-1.65	0.00
21	10	1	15	101.00	10.23	7.78	68.43	999.00	92.90	10.13	9.31	68.99	95.40	5.86	20.52	70.75	999.00	-2.42	999.00	-1.92	0.00
21	10	1	16	93.00	9.85	7.88	68.45	999.00	84.40	8.92	10.83	68.98	77.80	6.47	19.32	70.68	999.00	-2.33	999.00	-1.70	0.00
21	10	1	17	91.30	10.46	4.26	68.17	999.00	82.50	10.15	6.03	68.62	90.50	6.09	16.38	70.03	999.00	-1.55	999.00	-1.25	0.00
21	10	1	18	94.10	13.46	2.29	67.98	999.00	87.60	12.46	3.89	67.98	92.20	6.17	15.50	68.96	999.00	-0.79	999.00	-0.73	0.00
21	10	1	19	107.90	13.77	1.89	67.54	999.00	100.00	11.93	3.32	67.44	101.80	4.66	11.86	67.71	999.00	0.33	999.00	0.16	0.00
21	10	1	20	109.40	13.24	2.19	67.30	999.00	104.80	11.34	3.12	67.10	106.90	3.71	10.39	66.23	999.00	0.92	999.00	0.96	0.00
21	10	1	21	113.00	15.10	1.53	65.79	999.00	107.00	12.56	2.12	65.80	109.90	4.53	11.29	65.05	999.00	0.90	999.00	0.73	0.00
21	10	1	22	146.70	15.86	3.10	66.89	999.00	131.50	14.22	4.04	65.62	136.30	2.93	13.47	64.17	999.00	4.83	999.00	2.59	0.00
21	10	1	23	165.00	21.01	0.33	68.84	999.00	163.10	16.26	1.48	66.56	168.40	3.10	13.42	62.33	999.00	7.39	999.00	4.33	0.00
21	10	1	24	183.70	23.97	0.67	68.04	999.00	178.80	17.89	1.68	65.39	177.60	4.03	11.40	61.55	999.00	5.37	999.00	3.33	0.00
21	10	2	1	187.60	23.12	1.03	65.39	999.00	181.50	17.75	1.74	63.32	184.70	4.97	11.73	60.30	999.00	5.25	999.00	3.09	0.00
21	10	2	2	188.00	23.56	1.47	63.83	999.00	184.00	17.88	2.36	61.50	190.90	5.58	12.71	58.99	999.00	3.52	999.00	1.91	0.00

21	10	2	3	190.20	22.82	2.14	61.98	999.00	185.80	16.94	2.70	60.19	189.80	5.19	12.49	58.20	999.00	3.57	999.00	2.01	0.00
21	10	2	4	193.00	24.99	1.09	60.88	999.00	188.00	19.44	1.38	59.31	189.00	6.47	12.34	57.56	999.00	4.01	999.00	2.05	0.00
21	10	2	5	199.30	23.18	2.49	60.71	999.00	187.40	18.37	3.19	58.59	190.40	5.86	14.07	56.90	999.00	4.34	999.00	1.39	0.00
21	10	2	6	204.20	21.96	2.02	60.45	999.00	196.50	16.13	2.73	57.90	201.40	5.50	11.15	56.22	999.00	3.65	999.00	1.53	0.00
21	10	2	7	209.50	21.22	1.44	59.05	999.00	200.90	15.79	2.25	57.15	202.60	4.59	10.70	55.41	999.00	3.78	999.00	1.90	0.00
21	10	2	8	207.40	21.77	1.61	58.89	999.00	194.70	16.70	1.99	56.85	190.80	5.51	12.56	54.71	999.00	4.74	999.00	2.29	0.00
21	10	2	9	204.20	18.15	3.38	58.60	999.00	195.50	12.78	5.67	56.66	199.30	4.90	13.43	56.19	999.00	1.16	999.00	-0.11	0.00
21	10	2	10	212.80	14.12	7.28	59.81	999.00	208.10	11.61	9.23	59.36	214.20	7.33	14.31	60.21	999.00	-1.40	999.00	-1.22	0.00
21	10	2	11	196.10	9.44	6.63	63.02	999.00	193.50	8.73	8.57	63.47	199.30	5.43	18.61	64.86	999.00	-1.92	999.00	-1.23	0.00
21	10	2	12	214.30	12.97	6.34	67.94	999.00	212.70	12.28	7.39	68.56	214.10	8.24	15.98	70.10	999.00	-2.05	999.00	-1.60	0.00
21	10	2	13	189.50	8.54	10.14	67.94	999.00	185.00	8.05	11.24	68.56	184.80	4.08	19.32	70.10	999.00	-1.51	999.00	-0.78	0.00
21	10	2	14	205.20	10.80	8.41	72.01	999.00	204.10	10.49	9.16	72.64	211.40	7.86	15.74	73.78	999.00	-2.46	999.00	-2.05	0.00
21	10	2	15	177.40	10.10	13.08	74.74	999.00	171.40	9.97	13.21	75.64	177.50	6.19	21.04	76.82	999.00	-1.94	999.00	-1.14	0.00
21	10	2	16	151.90	9.53	6.97	74.74	999.00	144.40	8.87	7.87	75.64	132.60	4.19	19.39	76.82	999.00	-1.16	999.00	-0.52	0.00
21	10	2	17	143.10	9.91	4.60	76.17	999.00	137.10	9.21	5.21	76.75	127.40	3.95	12.14	77.05	999.00	-0.44	999.00	0.07	0.05
21	10	2	18	219.20	12.49	4.32	69.40	999.00	214.60	10.40	6.18	69.79	209.60	4.84	15.54	70.24	999.00	-1.48	999.00	-1.03	0.17
21	10	2	19	168.90	9.03	3.93	64.78	999.00	165.10	7.88	5.81	65.30	161.60	2.89	16.16	67.01	999.00	-1.69	999.00	-1.36	0.07
21	10	2	20	159.80	16.28	3.67	66.29	999.00	150.50	13.96	3.05	65.59	150.80	4.36	21.23	66.41	999.00	0.10	999.00	-0.75	0.01
21	10	2	21	169.30	17.53	3.69	66.11	999.00	163.10	14.64	4.92	65.72	168.70	4.96	19.08	66.88	999.00	-1.01	999.00	-1.16	0.01
21	10	2	22	181.00	19.23	4.64	65.88	999.00	173.60	16.73	5.49	65.80	174.90	6.99	17.32	66.90	999.00	-0.97	999.00	-0.95	0.01
21	10	2	23	178.70	17.61	3.41	65.89	999.00	172.70	14.85	4.69	65.69	178.20	5.80	17.35	66.53	999.00	-0.65	999.00	-0.83	0.00
21	10	2	24	189.10	13.79	7.71	65.22	999.00	183.10	12.32	8.58	65.35	179.20	5.48	19.15	66.35	999.00	-1.63	999.00	-1.33	0.01
21	10	3	1	192.50	17.11	3.76	65.32	999.00	188.70	14.91	4.24	64.83	191.80	6.51	14.21	65.94	999.00	-0.80	999.00	-0.96	0.38
21	10	3	2	191.10	17.19	3.92	65.57	999.00	185.10	14.14	5.17	65.54	184.50	5.28	14.79	66.21	999.00	-0.50	999.00	-0.55	0.00
21	10	3	3	193.70	16.04	2.94	66.16	999.00	187.90	13.48	3.75	66.07	187.00	5.44	14.63	66.69	999.00	-0.65	999.00	-0.69	0.01
21	10	3	4	194.60	16.81	4.16	66.07	999.00	190.10	14.18	4.59	66.14	193.10	5.55	15.01	66.81	999.00	-0.79	999.00	-0.69	0.00
21	10	3	5	182.30	14.48	3.27	65.81	999.00	176.20	11.74	4.33	65.97	176.30	3.67	17.39	66.73	999.00	-0.78	999.00	-0.73	0.01
21	10	3	6	183.10	15.80	3.26	65.76	999.00	176.40	13.26	4.45	65.82	178.20	5.12	13.73	66.50	999.00	-0.81	999.00	-0.65	0.00
21	10	3	7	182.40	16.17	3.34	65.70	999.00	177.00	13.74	3.79	65.79	179.10	5.44	15.85	66.47	999.00	-0.77	999.00	-0.75	0.00
21	10	3	8	186.00	17.70	4.65	65.68	999.00	182.40	15.11	5.93	65.86	189.60	6.91	14.42	66.64	999.00	-1.08	999.00	-0.77	0.00
21	10	3	9	187.30	19.01	4.88	65.97	999.00	183.70	16.48	6.33	66.08	186.60	7.69	17.61	67.36	999.00	-1.67	999.00	-1.63	0.00
21	10	3	10	196.60	16.77	5.38	66.48	999.00	192.80	15.00	6.20	66.43	196.90	6.96	17.37	68.45	999.00	-2.09	999.00	-2.17	0.00
21	10	3	11	212.30	15.57	5.73	66.75	999.00	208.80	13.84	7.63	66.82	206.10	8.36	14.87	68.72	999.00	-2.13	999.00	-2.07	0.00
21	10	3	12	225.30	15.89	5.72	68.18	999.00	222.80	15.38	5.66	68.35	226.90	10.71	11.39	71.10	999.00	-3.15	999.00	-3.28	0.00
21	10	3	13	239.10	11.99	7.31	70.14	999.00	236.30	11.56	8.04	70.19	237.00	8.45	12.27	73.28	999.00	-3.23	999.00	-3.12	0.00
21	10	3	14	251.30	10.90	11.24	70.72	999.00	249.10	10.55	12.66	71.63	248.30	7.84	19.11	74.05	999.00	-2.75	999.00	-1.33	0.00
21	10	3	15	241.10	11.43	4.75	73.32	999.00	238.80	11.01	5.26	73.79	237.10	8.55	10.26	75.35	999.00	-1.74	999.00	-1.26	0.00
21	10	3	16	272.60	13.27	9.39	72.76	999.00	273.70	12.56	8.60	73.21	280.30	7.98	17.26	73.97	999.00	-1.03	999.00	-0.78	0.00
21	10	3	17	213.30	14.15	10.10	71.65	999.00	210.30	13.26	11.72	71.93	215.40	7.86	20.13	72.78	999.00	-1.37	999.00	-0.91	0.00
21	10	3	18	202.70	15.67	4.07	72.99	999.00	199.50	14.62	5.34	73.50	201.50	7.58	15.66	74.35	999.00	-1.23	999.00	-0.74	0.00
21	10	3	19	203.40	11.01	3.61	72.55	999.00	201.20	9.74	4.25	73.04	200.90	3.66	12.20	73.50	999.00	-0.62	999.00	-0.15	0.00
21	10	3	20	202.60	7.50	2.79	72.14	999.00	200.80	6.54	2.06	72.53	155.70	1.77	10.53	72.07	999.00	0.46	999.00	0.82	0.00
21	10	3	21	185.60	9.78	7.57	71.67	999.00	181.10	8.23	7.75	72.02	160.80	2.16	21.85	71.16	999.00	0.23	999.00	0.66	0.00
21	10	3	22	210.20	11.24	5.69	68.61	999.00	207.30	9.19	7.09	69.09	208.60	3.97	15.12	69.27	999.00	-0.45	999.00	0.04	0.00
21	10	3	23	189.20	15.73	3.08	68.04	999.00	185.90	12.92	3.31	67.74	172.10	2.52	14.11	66.29	999.00	3.25	999.00	3.20	0.00
21	10	3	24	186.70	13.47	2.96	67.33	999.00	176.40	10.78	3.65	67.47	163.60	2.44	18.96	66.49	999.00	0.40	999.00	0.43	0.00

21	10	4	1	223.90	11.25	2.03	65.80	999.00	220.60	10.07	3.68	66.06	216.20	5.56	11.80	66.32	999.00	-1.16	999.00	-0.77	0.00
21	10	4	2	197.80	12.21	2.17	63.85	999.00	194.80	10.74	2.64	64.24	200.80	3.87	12.75	64.73	999.00	-0.82	999.00	-0.44	0.00
21	10	4	3	214.30	13.12	4.30	62.65	999.00	209.50	10.43	5.19	63.00	212.40	4.65	13.83	63.72	999.00	-0.81	999.00	-0.65	0.00
21	10	4	4	209.60	12.83	5.16	62.60	999.00	202.30	9.98	3.35	62.62	201.40	3.60	14.17	63.07	999.00	-0.08	999.00	-0.29	0.00
21	10	4	5	219.40	9.43	4.16	63.41	999.00	221.30	8.53	1.60	63.49	205.40	2.55	14.92	63.22	999.00	0.08	999.00	0.31	0.00
21	10	4	6	214.40	9.69	3.14	63.43	999.00	213.10	7.10	6.32	63.18	211.40	2.45	19.09	63.18	999.00	0.44	999.00	-0.12	0.00
21	10	4	7	224.80	5.87	6.57	63.29	999.00	225.60	4.77	5.77	63.41	230.10	2.58	9.32	63.39	999.00	-0.88	999.00	-0.54	0.00
21	10	4	8	214.30	5.57	13.17	63.02	999.00	217.70	5.40	4.02	63.28	187.60	2.34	15.41	63.60	999.00	-0.24	999.00	0.10	0.00
21	10	4	9	221.90	7.20	2.43	62.89	999.00	209.30	5.68	6.16	63.05	195.10	2.55	15.68	63.65	999.00	-1.12	999.00	-0.90	0.00
21	10	4	10	238.40	6.87	9.26	62.61	999.00	232.70	6.72	9.96	63.08	231.80	5.07	13.53	64.28	999.00	-1.82	999.00	-1.30	0.00
21	10	4	11	238.60	8.07	9.05	63.18	999.00	235.00	7.92	9.59	63.70	240.00	5.99	14.00	65.06	999.00	-1.98	999.00	-1.43	0.00
21	10	4	12	256.40	10.45	6.25	63.22	999.00	256.00	9.60	7.12	63.72	260.90	7.09	11.64	65.12	999.00	-1.92	999.00	-1.40	0.00
21	10	4	13	245.40	8.82	8.73	63.22	999.00	243.50	8.36	9.21	63.72	243.70	6.90	13.51	65.12	999.00	-2.02	999.00	-1.47	0.00
21	10	4	14	220.60	9.96	7.57	65.28	999.00	217.20	9.57	8.74	65.83	216.90	6.97	15.14	67.47	999.00	-2.02	999.00	-1.51	0.00
21	10	4	15	257.60	6.23	14.18	66.35	999.00	258.90	6.19	16.54	66.84	270.60	4.85	20.24	68.57	999.00	-2.33	999.00	-1.82	0.00
21	10	4	16	254.80	3.28	64.01	68.48	999.00	297.70	2.58	71.40	69.00	352.90	2.42	35.66	70.65	999.00	-2.42	999.00	-1.68	0.00
21	10	4	17	37.39	5.35	11.04	68.54	999.00	37.90	5.72	9.42	68.68	36.88	5.50	15.26	68.96	999.00	-1.15	999.00	-0.86	0.00
21	10	4	18	62.47	7.00	3.60	66.65	999.00	58.24	7.33	4.72	66.84	59.27	5.44	11.60	67.77	999.00	-1.40	999.00	-1.10	0.00
21	10	4	19	83.10	5.18	3.55	66.49	999.00	82.60	6.17	6.12	66.58	90.10	2.93	11.20	67.08	999.00	0.57	999.00	0.63	0.00
21	10	4	20	89.80	9.98	3.44	67.17	999.00	84.20	8.99	3.85	67.13	86.60	3.53	10.67	66.73	999.00	-0.45	999.00	-0.29	0.00
21	10	4	21	118.40	7.60	3.92	65.90	999.00	115.20	7.37	3.87	66.17	133.70	2.29	36.81	66.56	999.00	-0.51	999.00	-0.19	0.00
21	10	4	22	93.90	7.47	2.93	65.79	999.00	85.10	6.97	3.07	66.05	64.21	3.06	12.32	66.38	999.00	-0.86	999.00	-0.48	0.00
21	10	4	23	88.40	7.88	5.83	65.74	999.00	80.30	6.30	5.39	65.91	55.07	2.78	9.42	66.25	999.00	-0.49	999.00	-0.35	0.00
21	10	4	24	93.20	9.78	2.32	65.51	999.00	85.40	8.90	3.56	65.86	99.00	3.00	14.23	66.24	999.00	-0.78	999.00	-0.42	0.00
21	10	5	1	93.30	8.94	4.59	65.47	999.00	87.80	7.54	5.97	65.82	88.20	2.24	19.92	66.35	999.00	-0.78	999.00	-0.48	0.00
21	10	5	2	84.80	9.61	2.35	65.24	999.00	74.10	9.51	2.53	65.59	79.00	3.24	15.51	66.04	999.00	-0.72	999.00	-0.39	0.00
21	10	5	3	73.20	9.06	3.83	65.14	999.00	60.72	8.81	3.18	65.45	53.27	4.79	7.60	65.72	999.00	-0.61	999.00	-0.25	0.00
21	10	5	4	37.65	9.13	10.71	65.10	999.00	30.87	8.09	10.81	65.49	31.05	5.74	17.46	66.07	999.00	-1.27	999.00	-0.83	0.00
21	10	5	5	54.05	10.81	2.30	65.19	999.00	44.59	10.50	2.85	65.52	47.31	4.75	11.64	66.19	999.00	-0.85	999.00	-0.52	0.00
21	10	5	6	58.92	11.00	2.67	65.04	999.00	54.48	9.96	3.99	65.49	59.97	4.59	13.26	66.24	999.00	-1.16	999.00	-0.71	0.00
21	10	5	7	67.74	13.55	3.16	65.04	999.00	63.65	12.05	4.78	65.49	66.27	6.39	11.45	66.24	999.00	-1.32	999.00	-0.86	0.00
21	10	5	8	62.37	17.19	2.02	65.26	999.00	58.07	16.85	3.23	65.63	58.22	9.32	11.72	66.46	999.00	-1.07	999.00	-0.76	0.06
21	10	5	9	63.07	17.58	3.44	65.04	999.00	58.35	16.11	4.36	65.55	63.07	10.01	10.89	66.56	999.00	-1.55	999.00	-1.05	0.07
21	10	5	10	67.51	17.73	3.37	64.93	999.00	63.64	16.34	5.25	65.48	63.18	10.41	11.53	66.60	999.00	-1.77	999.00	-1.20	0.02
21	10	5	11	73.90	17.54	5.08	65.11	999.00	68.56	16.76	5.98	65.77	70.20	10.01	14.49	67.25	999.00	-2.29	999.00	-1.61	0.00
21	10	5	12	70.50	13.16	7.20	65.38	999.00	66.55	12.75	7.56	66.12	71.10	8.64	14.33	67.87	999.00	-2.32	999.00	-1.63	0.00
21	10	5	13	50.59	14.34	7.72	65.67	999.00	45.44	13.73	9.59	66.38	42.69	11.40	11.43	67.96	999.00	-2.19	999.00	-1.59	0.00
21	10	5	14	43.25	14.83	6.62	66.01	999.00	38.57	13.48	7.60	66.48	41.57	9.82	12.92	68.06	999.00	-2.08	999.00	-1.59	0.00
21	10	5	15	49.20	16.83	5.62	65.12	999.00	44.71	16.17	6.42	65.61	45.61	10.77	11.60	67.29	999.00	-2.25	999.00	-1.70	0.00
21	10	5	16	45.59	18.14	4.51	65.09	999.00	41.10	17.00	5.42	65.67	43.04	11.64	11.57	67.36	999.00	-2.18	999.00	-1.62	0.00
21	10	5	17	48.65	19.00	4.28	64.84	999.00	44.12	18.23	4.79	65.42	46.41	11.85	12.51	66.92	999.00	-2.07	999.00	-1.51	0.00
21	10	5	18	50.60	17.59	4.86	64.66	999.00	46.33	16.31	5.86	65.23	50.25	10.05	11.50	66.60	999.00	-1.87	999.00	-1.28	0.00
21	10	5	19	63.25	19.44	3.94	64.46	999.00	60.65	17.95	5.42	64.98	64.43	10.98	11.70	66.06	999.00	-1.46	999.00	-0.99	0.00
21	10	5	20	60.33	16.65	4.58	64.14	999.00	56.33	15.69	5.91	64.64	61.97	9.29	11.75	65.57	999.00	-1.44	999.00	-0.92	0.00
21	10	5	21	64.15	15.97	3.42	64.05	999.00	58.41	15.31	4.41	64.58	60.96	9.48	10.53	65.60	999.00	-1.56	999.00	-1.02	0.00
21	10	5	22	70.20	17.95	2.98	64.54	999.00	66.47	17.14	3.91	65.07	66.52	8.90	13.09	66.04	999.00	-1.52	999.00	-0.97	0.00

21	10	5	23	73.70	17.46	3.14	64.64	999.00	68.91	16.64	4.11	65.17	72.00	8.18	16.00	66.10	999.00	-1.48	999.00	-0.95	0.00
21	10	5	24	76.20	16.99	4.51	64.68	999.00	72.10	16.06	5.22	65.21	76.00	8.01	16.74	66.14	999.00	-1.44	999.00	-0.92	0.00
21	10	6	1	76.80	17.46	4.99	64.54	999.00	72.70	16.34	5.86	65.06	77.10	8.14	16.09	65.81	999.00	-1.11	999.00	-0.61	0.00
21	10	6	2	72.60	16.73	4.08	64.46	999.00	68.80	15.98	4.56	64.97	71.90	8.06	14.47	65.62	999.00	-1.25	999.00	-0.72	0.00
21	10	6	3	67.36	17.33	3.98	64.29	999.00	63.49	16.31	5.03	64.82	64.60	9.88	11.68	65.74	999.00	-1.47	999.00	-0.94	0.00
21	10	6	4	64.46	16.57	4.01	63.88	999.00	59.65	15.71	5.15	64.42	60.77	9.75	11.10	65.41	999.00	-1.53	999.00	-0.99	0.00
21	10	6	5	54.91	16.11	4.14	63.74	999.00	50.93	14.99	4.65	64.27	51.97	9.45	11.04	65.28	999.00	-1.54	999.00	-1.00	0.00
21	10	6	6	66.48	16.21	3.76	63.74	999.00	62.81	15.51	4.80	64.27	63.62	9.76	11.92	65.28	999.00	-1.56	999.00	-1.02	0.00
21	10	6	7	70.20	16.25	3.46	64.05	999.00	65.99	15.25	4.47	64.58	65.86	8.80	13.18	65.51	999.00	-1.47	999.00	-0.94	0.00
21	10	6	8	45.48	15.57	4.59	64.10	999.00	40.05	13.97	6.02	64.62	38.60	9.18	11.12	65.62	999.00	-1.67	999.00	-1.13	0.00
21	10	6	9	46.38	15.73	3.35	64.10	999.00	41.48	14.38	4.62	64.62	40.88	8.97	11.53	65.62	999.00	-1.70	999.00	-1.17	0.00
21	10	6	10	70.90	17.62	3.83	64.58	999.00	66.44	16.13	5.17	65.12	65.92	9.52	13.85	66.29	999.00	-1.77	999.00	-1.22	0.00
21	10	6	11	70.90	17.74	3.47	64.45	999.00	67.50	17.05	3.80	65.04	69.60	9.50	14.21	66.34	999.00	-1.94	999.00	-1.35	0.00
21	10	6	12	74.40	18.03	4.10	63.54	999.00	70.70	17.08	5.17	64.13	74.00	9.44	15.92	65.50	999.00	-1.97	999.00	-1.40	0.00
21	10	6	13	77.30	15.54	4.58	63.22	999.00	73.20	15.03	5.10	63.83	76.50	8.66	15.12	65.38	999.00	-2.28	999.00	-1.66	0.00
21	10	6	14	83.50	12.38	6.12	63.60	999.00	78.60	11.60	8.27	64.28	86.80	7.06	17.74	66.05	999.00	-2.28	999.00	-1.59	0.00
21	10	6	15	83.80	12.71	6.53	63.99	999.00	80.40	12.03	7.69	64.63	82.00	6.97	18.61	66.30	999.00	-2.33	999.00	-1.69	0.00
21	10	6	16	78.60	13.02	4.37	63.96	999.00	74.80	12.15	6.38	64.54	77.30	6.68	15.76	65.99	999.00	-1.94	999.00	-1.38	0.00
21	10	6	17	57.97	12.37	4.09	64.23	999.00	53.90	11.73	5.26	64.83	56.55	7.08	13.17	66.13	999.00	-1.90	999.00	-1.30	0.00
21	10	6	18	54.55	11.99	5.23	64.03	999.00	49.59	11.35	7.15	64.63	53.21	7.89	12.52	65.87	999.00	-1.81	999.00	-1.22	0.00
21	10	6	19	68.91	12.04	5.24	64.10	999.00	62.93	11.22	6.52	64.65	63.67	6.81	14.33	65.79	999.00	-1.55	999.00	-1.01	0.00
21	10	6	20	75.60	12.45	5.81	64.10	999.00	70.40	11.80	6.01	64.65	73.00	6.24	16.31	65.79	999.00	-1.62	999.00	-1.06	0.00
21	10	6	21	71.30	15.78	3.45	64.91	999.00	67.70	15.27	3.97	65.45	69.84	8.76	13.67	66.49	999.00	-1.62	999.00	-1.09	0.00
21	10	6	22	68.93	16.84	3.88	64.42	999.00	64.50	15.68	4.78	64.95	65.46	9.63	11.96	66.07	999.00	-1.63	999.00	-1.13	0.00
21	10	6	23	69.37	18.13	4.06	64.05	999.00	64.53	16.97	4.77	64.61	63.25	9.99	11.93	65.74	999.00	-1.74	999.00	-1.11	0.00
21	10	6	24	68.02	16.94	3.07	64.86	999.00	63.07	15.71	3.88	65.41	63.03	9.40	12.37	66.41	999.00	-1.48	999.00	-0.97	0.00
21	10	7	1	75.30	16.81	2.85	65.28	999.00	70.40	15.65	3.92	65.79	70.70	7.45	14.40	66.72	999.00	-1.45	999.00	-0.94	0.00
21	10	7	2	71.70	16.39	2.77	999.00	999.00	66.49	15.00	3.95	999.00	64.54	8.90	12.37	66.94	999.00	-1.50	999.00	-0.99	0.00
21	10	7	3	72.50	15.00	3.84	65.44	999.00	66.59	13.59	5.22	65.91	67.31	7.41	12.90	66.89	999.00	-1.41	999.00	-0.98	0.00
21	10	7	4	81.60	11.28	4.95	65.65	999.00	76.80	10.56	6.06	65.98	74.80	5.47	15.06	66.85	999.00	-1.12	999.00	-0.81	0.00
21	10	7	5	94.10	8.30	5.34	65.71	999.00	87.70	7.76	6.14	66.03	85.50	3.77	17.04	66.70	999.00	-0.94	999.00	-0.61	0.01
21	10	7	6	122.60	5.82	6.93	65.47	999.00	102.00	4.42	4.82	65.83	91.40	1.98	12.99	66.50	999.00	-1.08	999.00	-0.69	0.00
21	10	7	7	124.20	8.93	4.09	66.39	999.00	94.50	6.39	3.98	65.66	79.60	1.98	9.67	66.05	999.00	1.55	999.00	0.06	0.00
21	10	7	8	112.00	10.28	2.11	66.39	999.00	95.20	9.33	3.12	65.66	77.20	3.96	10.61	66.05	999.00	0.57	999.00	0.30	0.00
21	10	7	9	107.80	10.76	3.20	66.57	999.00	94.60	10.06	5.03	66.74	90.30	4.09	14.04	66.92	999.00	-0.78	999.00	-0.50	0.00
21	10	7	10	115.60	9.49	6.87	67.10	999.00	101.80	8.97	6.21	67.39	102.60	4.54	15.82	68.21	999.00	-1.38	999.00	-1.12	0.00
21	10	7	11	171.00	7.49	11.96	68.26	999.00	164.10	7.01	12.79	68.73	160.50	3.41	24.97	69.69	999.00	-1.78	999.00	-0.97	0.00
21	10	7	12	178.70	10.21	7.85	69.89	999.00	173.30	10.14	8.33	70.74	181.20	5.95	19.59	71.75	999.00	-1.88	999.00	-1.13	0.00
21	10	7	13	133.20	6.76	10.14	69.89	999.00	127.40	6.55	10.74	70.58	125.60	3.94	17.09	71.60	999.00	-1.85	999.00	-1.17	0.00
21	10	7	14	105.20	8.55	6.69	69.58	999.00	87.90	7.85	6.44	69.73	89.00	4.00	17.04	70.78	999.00	-1.18	999.00	-1.15	0.00
21	10	7	15	112.00	7.89	3.48	69.96	999.00	96.70	8.09	5.05	69.92	86.90	3.55	16.84	70.75	999.00	-0.32	999.00	-0.20	0.00
21	10	7	16	139.60	8.00	10.23	69.55	999.00	123.00	7.16	10.71	69.66	109.70	2.62	23.62	69.74	999.00	-0.02	999.00	-0.06	0.00
21	10	7	17	130.20	8.76	6.00	69.55	999.00	123.80	7.88	6.74	69.66	120.20	3.15	15.24	69.74	999.00	-1.39	999.00	-1.76	0.00
21	10	7	18	146.30	8.96	4.84	68.83	999.00	134.50	7.53	5.51	68.41	107.00	2.66	16.12	70.01	999.00	-0.81	999.00	-1.51	0.00
21	10	7	19	109.50	11.59	1.84	68.69	999.00	100.00	10.68	2.48	68.74	93.10	3.39	13.76	69.22	999.00	-0.47	999.00	-0.34	0.00
21	10	7	20	101.40	17.54	3.27	67.50	999.00	96.30	15.09	5.24	67.48	103.10	6.31	15.27	68.32	999.00	-1.13	999.00	-0.99	0.00

21	10	7	21	99.10	13.95	3.28	66.78	999.00	95.20	11.90	4.57	67.01	103.90	5.27	14.24	68.05	999.00	-1.25	999.00	-1.00	0.00
21	10	7	22	107.50	16.23	2.55	66.77	999.00	104.20	13.69	4.40	66.93	111.60	5.13	16.62	67.89	999.00	-1.25	999.00	-0.96	0.00
21	10	7	23	110.80	15.49	2.64	67.23	999.00	105.80	13.15	3.42	67.30	103.50	4.92	13.44	67.75	999.00	-0.43	999.00	-0.25	0.00
21	10	7	24	129.90	12.00	1.98	67.43	999.00	122.10	10.06	1.87	67.42	113.00	3.93	12.90	67.62	999.00	0.20	999.00	0.23	0.00
21	10	8	1	125.30	15.51	0.16	68.40	999.00	120.40	12.96	0.50	67.93	114.40	4.10	11.77	67.19	999.00	1.89	999.00	1.13	0.00
21	10	8	2	95.10	11.24	5.99	68.51	999.00	78.00	10.29	5.96	67.93	63.80	5.39	9.34	67.11	999.00	0.38	999.00	-0.08	0.00
21	10	8	3	109.20	12.00	1.43	67.25	999.00	92.30	11.03	2.91	66.62	90.00	4.29	14.16	66.76	999.00	0.47	999.00	-0.16	0.01
21	10	8	4	115.20	14.87	3.26	67.38	999.00	100.10	12.46	3.65	66.44	95.60	4.43	15.23	66.78	999.00	1.02	999.00	-0.20	0.00
21	10	8	5	109.00	13.63	2.91	66.91	999.00	99.70	11.96	4.83	66.45	103.10	4.63	16.85	67.00	999.00	-0.47	999.00	-0.76	0.00
21	10	8	6	112.50	13.44	6.25	65.53	999.00	100.30	11.96	6.99	65.34	96.30	4.82	16.34	67.00	999.00	-1.41	999.00	-1.64	0.00
21	10	8	7	114.30	11.10	4.19	66.15	999.00	105.10	10.35	4.41	65.52	97.10	4.02	12.10	66.84	999.00	-0.77	999.00	-1.04	0.00
21	10	8	8	120.90	12.60	3.92	65.76	999.00	111.50	11.31	3.86	65.95	112.10	4.58	15.69	66.61	999.00	-0.93	999.00	-0.69	0.00
21	10	8	9	143.60	11.09	5.60	65.49	999.00	139.90	9.41	7.15	65.84	148.00	3.16	22.64	66.82	999.00	-1.67	999.00	-1.23	0.00
21	10	8	10	150.70	6.01	9.31	65.25	999.00	144.80	5.20	11.04	65.80	147.60	2.55	22.97	67.27	999.00	-2.17	999.00	-1.55	0.02
21	10	8	11	142.00	4.62	15.28	65.90	999.00	138.40	4.36	16.76	66.62	144.60	2.83	24.75	68.16	999.00	-2.40	999.00	-1.58	0.00
21	10	8	12	18.61	1.82	52.57	67.39	999.00	27.06	1.40	26.45	68.17	15.39	1.92	32.86	69.74	999.00	-1.77	999.00	-1.08	0.01
21	10	8	13	70.70	5.94	5.35	67.33	999.00	68.78	6.40	5.80	67.59	69.62	5.83	13.30	69.03	999.00	-2.10	999.00	-1.59	0.00
21	10	8	14	358.80	5.33	17.26	67.37	999.00	8.23	4.81	17.49	67.81	40.84	4.68	18.20	68.88	999.00	-1.09	999.00	-0.73	0.48
21	10	8	15	69.27	6.78	9.01	65.92	999.00	68.12	7.00	9.73	65.76	84.70	4.96	16.99	68.49	999.00	-3.93	999.00	-3.95	0.00
21	10	8	16	78.50	6.21	9.28	67.97	999.00	72.50	6.15	10.06	68.00	78.50	4.81	17.60	72.18	999.00	999.00	999.00	-4.00	0.00
21	10	8	17	85.70	9.13	4.36	67.97	999.00	79.30	9.00	5.39	68.00	79.90	6.60	14.34	72.18	999.00	999.00	999.00	-3.89	0.00
21	10	8	18	107.50	7.22	9.22	67.95	999.00	95.20	7.02	8.96	67.64	97.50	4.34	16.19	71.30	999.00	-3.18	999.00	-3.39	0.00
21	10	8	19	109.40	9.56	9.28	68.80	999.00	100.60	10.55	10.07	68.27	98.70	4.86	21.21	68.91	999.00	0.55	999.00	0.44	0.00
21	10	8	20	121.30	9.30	5.45	68.94	999.00	114.90	9.71	5.98	68.69	111.90	3.57	20.52	67.23	999.00	2.10	999.00	2.03	0.00
21	10	8	21	216.20	5.16	38.81	68.40	999.00	236.30	5.26	26.11	67.42	263.80	4.72	11.10	66.98	999.00	-0.05	999.00	-0.20	0.00
21	10	8	22	6.13	2.52	48.43	65.98	999.00	5.80	2.36	34.00	64.48	33.77	2.24	24.53	64.55	999.00	3.28	999.00	-0.06	0.26
21	10	8	23	131.40	6.43	33.34	65.37	999.00	131.10	6.08	35.76	63.36	126.40	2.67	53.56	63.50	999.00	1.14	999.00	0.20	0.20
21	10	8	24	192.20	4.04	7.49	65.74	999.00	186.80	4.16	7.35	63.46	177.90	2.22	15.06	63.10	999.00	3.26	999.00	0.60	0.00
21	10	9	1	199.60	6.78	5.09	67.75	999.00	201.70	6.27	6.70	64.67	204.90	4.50	25.19	63.59	999.00	4.93	999.00	1.68	0.00
21	10	9	2	182.00	11.43	2.30	67.95	999.00	178.90	11.88	1.89	64.91	205.10	3.85	9.85	62.23	999.00	6.18	999.00	4.56	0.00
21	10	9	3	208.90	12.39	2.43	66.88	999.00	199.80	13.83	1.65	65.54	208.30	4.45	10.31	61.31	999.00	5.63	999.00	4.29	0.00
21	10	9	4	215.80	11.67	1.14	66.63	999.00	209.90	12.19	1.92	64.77	196.80	3.25	9.62	61.10	999.00	5.72	999.00	4.41	0.00
21	10	9	5	235.80	17.24	1.49	64.65	999.00	225.50	12.31	2.06	63.83	196.60	3.68	11.20	60.97	999.00	3.16	999.00	1.74	0.00
21	10	9	6	236.90	10.50	1.89	62.42	999.00	223.30	8.49	2.14	61.79	171.50	3.84	9.61	60.65	999.00	1.64	999.00	1.34	0.00
21	10	9	7	220.90	8.81	3.03	61.85	999.00	206.70	7.83	4.63	61.98	178.50	4.22	9.40	60.60	999.00	1.07	999.00	1.36	0.00
21	10	9	8	214.50	8.95	5.75	61.59	999.00	202.80	8.59	4.63	61.91	169.00	3.64	16.38	60.45	999.00	1.22	999.00	1.53	0.00
21	10	9	9	191.50	8.03	8.55	61.29	999.00	166.60	7.03	10.38	61.54	151.10	3.31	15.00	61.46	999.00	-1.58	999.00	-1.41	0.00
21	10	9	10	197.90	7.39	6.37	61.54	999.00	193.90	7.14	7.70	62.38	198.00	5.09	15.92	65.03	999.00	-4.00	999.00	-3.42	0.00
21	10	9	11	210.10	7.55	8.48	64.22	999.00	208.20	7.33	9.13	64.95	218.30	6.61	10.48	68.63	999.00	-3.98	999.00	-3.84	0.00
21	10	9	12	215.60	7.38	9.40	64.22	999.00	215.00	7.08	11.90	64.95	221.30	5.62	17.03	68.63	999.00	999.00	999.00	-4.00	0.00
21	10	9	13	201.40	9.22	13.05	71.29	999.00	200.10	8.56	12.55	71.87	201.40	6.02	25.05	74.40	999.00	-1.09	999.00	-0.40	0.00
21	10	9	14	217.40	11.18	14.29	72.37	999.00	214.60	10.96	15.29	72.89	216.50	7.38	22.53	74.60	999.00	-2.09	999.00	-1.63	0.00
21	10	9	15	224.70	7.93	12.64	73.42	999.00	221.60	6.95	14.46	73.92	231.70	5.48	17.26	75.53	999.00	-1.96	999.00	-1.44	0.00
21	10	9	16	229.60	6.18	12.89	74.26	999.00	224.30	5.74	15.66	74.76	227.10	4.68	19.23	76.32	999.00	-1.97	999.00	-1.39	0.00
21	10	9	17	44.69	7.47	10.65	72.85	999.00	45.79	8.59	10.43	72.78	54.00	6.34	13.06	72.80	999.00	0.70	999.00	0.29	0.00
21	10	9	18	85.10	10.15	7.50	71.24	999.00	75.40	9.31	7.23	70.96	69.01	5.16	13.50	71.57	999.00	-0.18	999.00	-0.64	0.00

21	10	9	19	93.60	9.06	3.01	70.71	999.00	73.90	8.39	3.25	70.02	59.90	5.06	9.64	70.27	999.00	0.23	999.00	-0.21	0.00
21	10	9	20	100.40	12.13	3.71	69.69	999.00	92.90	10.12	4.77	69.74	74.20	3.72	15.40	69.60	999.00	-0.10	999.00	0.11	0.00
21	10	9	21	124.60	16.08	4.93	69.89	999.00	110.90	14.34	3.92	69.31	105.80	4.99	12.88	69.15	999.00	2.45	999.00	0.80	0.00
21	10	9	22	153.40	17.29	2.14	71.00	999.00	144.20	14.09	3.28	70.57	135.00	4.38	15.50	69.16	999.00	1.05	999.00	0.75	0.00
21	10	9	23	158.00	17.21	2.15	69.64	999.00	150.70	14.53	2.49	69.46	146.80	4.11	19.36	68.66	999.00	0.93	999.00	0.88	0.00
21	10	9	24	156.70	18.66	2.24	68.32	999.00	149.00	15.35	3.07	68.18	150.10	4.24	20.26	67.52	999.00	0.82	999.00	0.56	0.00
21	10	10	1	165.80	19.37	2.67	67.70	999.00	160.60	15.62	3.76	67.46	165.30	4.33	21.53	66.78	999.00	1.03	999.00	0.80	0.00
21	10	10	2	168.40	19.88	2.02	67.16	999.00	163.70	16.44	2.99	66.99	169.20	4.74	18.20	66.25	999.00	0.87	999.00	0.71	0.00
21	10	10	3	165.30	20.04	2.29	66.90	999.00	160.40	16.65	3.19	66.64	166.80	4.86	16.84	65.93	999.00	0.81	999.00	0.59	0.00
21	10	10	4	157.60	19.89	3.13	66.38	999.00	151.70	16.42	4.56	66.21	154.10	5.77	19.42	65.99	999.00	0.04	999.00	-0.04	0.00
21	10	10	5	153.40	17.62	3.91	65.54	999.00	148.10	14.78	5.13	65.58	150.30	5.69	19.86	65.89	999.00	-0.61	999.00	-0.47	0.00
21	10	10	6	160.80	20.85	4.01	65.09	999.00	156.50	17.15	5.46	65.22	163.20	6.78	17.17	65.59	999.00	-0.57	999.00	-0.45	0.00
21	10	10	7	153.60	21.85	4.59	65.66	999.00	148.40	18.85	6.17	65.89	153.70	7.79	20.07	66.42	999.00	-0.85	999.00	-0.57	0.00
21	10	10	8	166.70	17.90	4.99	65.84	999.00	163.90	15.43	6.34	66.13	176.80	6.78	18.23	66.72	999.00	-0.94	999.00	-0.63	0.00
21	10	10	9	164.20	20.51	3.44	66.08	999.00	159.90	17.71	4.69	66.42	168.20	6.45	18.51	67.00	999.00	-0.96	999.00	-0.59	0.00
21	10	10	10	173.60	18.46	3.71	65.71	999.00	170.30	15.79	5.15	66.08	179.60	6.41	17.28	66.54	999.00	-0.95	999.00	-0.54	0.00
21	10	10	11	169.70	20.26	5.00	67.39	999.00	166.20	18.26	5.87	67.98	173.60	8.55	17.26	68.75	999.00	-1.63	999.00	-0.92	0.00
21	10	10	12	163.60	25.08	5.30	70.04	999.00	159.80	22.34	6.58	70.53	170.10	10.18	18.28	71.15	999.00	-1.16	999.00	-0.66	0.00
21	10	10	13	160.40	19.94	5.88	72.61	999.00	156.40	18.64	6.52	73.27	162.70	9.02	20.97	74.18	999.00	-1.58	999.00	-0.92	0.00
21	10	10	14	157.60	17.05	5.99	74.93	999.00	153.50	15.91	7.68	75.53	156.60	7.11	21.58	76.15	999.00	-1.13	999.00	-0.54	0.00
21	10	10	15	178.40	19.32	8.87	77.65	999.00	174.90	18.15	10.10	78.34	178.80	9.23	19.78	79.03	999.00	-1.63	999.00	-0.92	0.00
21	10	10	16	163.80	20.96	5.52	79.59	999.00	160.20	19.91	6.49	80.21	167.80	9.33	19.76	81.22	999.00	-1.48	999.00	-0.83	0.00
21	10	10	17	159.80	20.14	5.24	79.89	999.00	155.70	19.03	6.62	80.51	163.50	8.86	20.14	81.32	999.00	-1.22	999.00	-0.66	0.00
21	10	10	18	157.90	19.52	4.74	79.66	999.00	153.80	17.72	5.55	80.19	161.00	7.06	19.62	80.55	999.00	-0.56	999.00	-0.10	0.00
21	10	10	19	159.00	21.58	3.98	78.81	999.00	153.40	18.35	5.12	79.08	154.80	6.64	20.68	78.60	999.00	0.47	999.00	0.65	0.00
21	10	10	20	154.40	21.34	3.41	77.49	999.00	148.70	18.01	4.63	77.57	151.90	6.30	18.61	76.70	999.00	0.87	999.00	0.88	0.00
21	10	10	21	154.40	20.42	3.90	75.59	999.00	148.90	16.76	5.16	75.64	151.50	5.55	19.49	75.00	999.00	0.58	999.00	0.61	0.00
21	10	10	22	163.90	17.68	2.93	73.92	999.00	159.00	14.75	3.47	73.96	159.50	4.22	17.36	73.27	999.00	0.79	999.00	0.83	0.00
21	10	10	23	169.80	17.74	2.80	73.05	999.00	161.80	14.44	3.32	72.93	151.00	3.40	15.66	71.65	999.00	1.58	999.00	1.41	0.00
21	10	10	24	174.70	17.71	3.18	72.19	999.00	168.80	14.88	3.80	72.01	165.10	3.59	17.88	70.32	999.00	1.58	999.00	1.51	0.00
21	10	11	1	175.30	18.27	2.77	999.00	999.00	167.40	14.95	2.94	999.00	156.50	3.17	19.67	69.77	999.00	2.21	999.00	1.91	0.00
21	10	11	2	175.90	16.02	2.51	71.29	999.00	164.90	13.82	2.03	71.00	162.40	2.85	17.44	69.06	999.00	2.19	999.00	1.87	0.00
21	10	11	3	184.00	19.62	2.48	70.71	999.00	177.10	15.88	3.17	70.25	178.00	4.66	14.09	68.53	999.00	1.80	999.00	1.42	0.00
21	10	11	4	185.40	18.55	2.95	69.42	999.00	179.90	15.06	3.16	69.18	177.00	3.87	14.59	68.05	999.00	1.31	999.00	1.15	0.00
21	10	11	5	179.50	17.92	2.56	68.48	999.00	172.20	14.23	3.57	68.30	160.30	3.15	18.45	67.27	999.00	1.49	999.00	1.30	0.00
21	10	11	6	171.30	17.78	1.70	67.93	999.00	162.60	15.08	2.14	67.67	152.30	4.53	13.77	66.30	999.00	1.50	999.00	1.32	0.00
21	10	11	7	164.40	20.21	3.13	67.08	999.00	159.50	17.06	3.89	66.92	165.50	6.07	18.33	66.42	999.00	0.11	999.00	0.10	0.00
21	10	11	8	172.50	18.27	3.34	66.17	999.00	167.10	15.18	4.81	66.20	172.20	5.39	16.59	66.26	999.00	-0.23	999.00	-0.20	0.00
21	10	11	9	178.70	19.26	4.06	66.58	999.00	173.60	16.61	5.03	66.85	177.70	7.76	15.00	67.00	999.00	-0.72	999.00	-0.25	0.00
21	10	11	10	181.10	15.41	7.19	68.08	999.00	176.40	14.24	8.34	68.97	182.00	8.13	15.87	69.43	999.00	-1.64	999.00	-0.57	0.00
21	10	11	11	181.70	12.89	8.28	70.70	999.00	176.40	12.37	9.47	71.81	185.90	7.54	16.87	72.57	999.00	-1.97	999.00	-0.86	0.00
21	10	11	12	179.00	14.74	7.08	73.20	999.00	175.30	14.23	7.62	74.13	180.80	7.95	18.48	75.05	999.00	-1.77	999.00	-0.89	0.00
21	10	11	13	175.30	15.04	10.49	76.18	999.00	171.50	14.23	10.21	77.06	182.50	7.58	19.82	78.00	999.00	-1.77	999.00	-0.88	0.00
21	10	11	14	173.50	15.82	7.86	78.46	999.00	168.90	15.21	8.60	79.36	172.40	8.08	21.08	80.40	999.00	-1.77	999.00	-0.94	0.00
21	10	11	15	155.10	14.50	8.25	79.05	999.00	150.70	13.85	8.33	79.81	157.50	6.42	21.83	80.70	999.00	-1.42	999.00	-0.75	0.00
21	10	11	16	157.60	17.35	5.59	79.86	999.00	152.90	16.23	6.90	80.49	160.50	7.64	19.44	81.07	999.00	-1.20	999.00	-0.58	0.00

21	10	11	17	151.70	14.13	5.38	79.91	999.00	146.50	12.81	5.88	80.43	144.10	5.08	19.32	80.60	999.00	-0.42	999.00	0.06	0.00
21	10	11	18	154.90	15.82	5.67	79.75	999.00	150.20	14.40	6.37	80.24	153.80	5.36	24.47	80.45	999.00	-0.62	999.00	-0.12	0.00
21	10	11	19	131.20	21.60	3.93	78.86	999.00	126.60	18.83	5.36	79.22	129.50	8.32	14.85	79.20	999.00	-0.27	999.00	0.02	0.00
21	10	11	20	132.00	22.98	5.52	76.62	999.00	127.90	19.84	6.44	76.94	131.10	10.42	15.76	77.10	999.00	-0.56	999.00	-0.24	0.00
21	10	11	21	138.70	18.95	5.50	74.97	999.00	134.70	16.01	6.66	75.25	140.80	7.18	16.37	75.42	999.00	-0.32	999.00	-0.08	0.00
21	10	11	22	158.80	17.74	4.77	74.97	999.00	154.70	14.92	5.54	75.25	161.30	4.51	26.14	75.42	999.00	0.63	999.00	0.70	0.00
21	10	11	23	150.20	17.95	2.83	72.98	999.00	142.10	15.16	3.51	73.06	130.50	5.48	14.92	72.27	999.00	0.71	999.00	0.68	0.00
21	10	11	24	137.30	22.67	5.40	72.21	999.00	131.30	19.39	7.31	72.17	132.90	8.84	15.74	71.80	999.00	-0.08	999.00	-0.01	0.00
21	10	12	1	147.40	20.09	4.72	70.71	999.00	142.00	16.70	6.21	70.89	146.80	5.78	19.91	71.15	999.00	-0.37	999.00	-0.21	0.00
21	10	12	2	157.30	21.61	4.36	70.04	999.00	151.70	18.16	5.15	70.11	155.30	7.22	18.80	70.04	999.00	0.14	999.00	0.20	0.00
21	10	12	3	166.90	23.36	5.08	70.83	999.00	162.30	20.38	6.04	70.99	168.80	6.74	22.75	70.93	999.00	-0.19	999.00	0.00	0.00
21	10	12	4	178.90	23.67	5.34	71.12	999.00	175.10	21.32	6.31	71.42	180.20	10.43	17.14	71.70	999.00	-0.60	999.00	-0.29	0.00
21	10	12	5	175.10	21.49	4.64	70.46	999.00	171.10	18.98	5.95	70.77	177.60	8.93	14.84	71.15	999.00	-0.66	999.00	-0.37	0.00
21	10	12	6	168.60	18.92	4.44	69.57	999.00	163.90	16.43	5.61	69.86	171.80	6.70	18.98	70.30	999.00	-0.78	999.00	-0.48	0.00
21	10	12	7	165.60	18.57	4.61	68.89	999.00	159.70	16.17	5.34	69.16	163.80	6.33	17.95	69.41	999.00	-0.42	999.00	-0.19	0.00
21	10	12	8	173.60	19.17	4.40	68.43	999.00	168.40	16.27	5.37	68.62	175.60	5.54	17.07	68.62	999.00	-0.17	999.00	-0.03	0.00
21	10	12	9	177.10	19.62	5.73	68.46	999.00	173.50	17.15	7.17	68.95	180.90	9.10	17.06	69.31	999.00	-1.42	999.00	-0.68	0.00
21	10	12	10	213.10	20.54	19.70	68.95	999.00	210.80	19.18	19.83	69.54	216.70	12.42	20.05	70.42	999.00	-1.34	999.00	-0.95	0.00
21	10	12	11	214.50	14.65	7.17	66.17	999.00	210.70	13.83	7.21	66.60	214.70	9.77	13.05	67.86	999.00	-2.34	999.00	-1.87	0.00
21	10	12	12	223.40	15.29	9.18	68.15	999.00	221.00	14.53	10.19	68.58	223.80	10.13	12.11	70.28	999.00	-2.17	999.00	-1.67	0.00
21	10	12	13	214.80	23.67	6.83	69.83	999.00	211.80	22.64	7.53	70.29	215.20	14.20	15.07	72.02	999.00	-1.98	999.00	-1.52	0.00
21	10	12	14	230.50	20.17	6.57	70.59	999.00	228.60	18.80	7.63	71.06	231.50	12.91	12.42	72.52	999.00	-1.82	999.00	-1.32	0.00
21	10	12	15	228.40	22.29	4.76	70.86	999.00	226.10	21.60	5.93	71.28	229.20	15.41	10.85	73.42	999.00	-2.55	999.00	-2.16	0.00
21	10	12	16	234.00	20.90	4.66	70.46	999.00	231.80	20.07	5.77	70.92	235.00	13.71	11.16	72.85	999.00	-2.48	999.00	-1.91	0.00
21	10	12	17	246.00	17.76	6.39	69.26	999.00	244.40	16.66	6.96	69.78	247.60	12.47	11.58	71.55	999.00	-2.13	999.00	-1.65	0.00
21	10	12	18	244.50	20.79	6.29	67.72	999.00	242.50	19.68	6.12	68.20	246.00	13.55	11.22	69.55	999.00	-1.65	999.00	-1.23	0.00
21	10	12	19	239.90	17.38	4.93	65.91	999.00	238.10	14.82	6.56	66.40	242.40	8.43	11.38	67.23	999.00	-1.08	999.00	-0.58	0.00
21	10	12	20	241.10	16.49	4.64	64.91	999.00	238.60	14.28	5.63	65.32	242.00	7.83	9.82	65.60	999.00	-0.51	999.00	-0.17	0.00
21	10	12	21	235.70	14.85	3.07	64.23	999.00	231.60	13.18	4.32	64.63	234.70	7.76	9.56	64.90	999.00	-0.91	999.00	-0.47	0.00
21	10	12	22	231.10	17.15	2.66	62.95	999.00	224.70	15.09	3.39	63.34	217.50	8.74	10.53	63.78	999.00	-0.68	999.00	-0.37	0.00
21	10	12	23	238.50	17.01	3.09	62.20	999.00	232.80	14.24	3.48	62.36	220.50	7.05	8.72	62.50	999.00	0.05	999.00	0.14	0.00
21	10	12	24	240.90	15.77	4.86	62.63	999.00	237.70	14.31	5.21	63.01	237.60	9.33	10.43	63.46	999.00	-1.42	999.00	-0.89	0.00
21	10	13	1	239.50	14.73	4.54	62.79	999.00	235.80	13.34	5.44	63.32	237.50	8.88	9.97	64.26	999.00	-1.50	999.00	-1.00	0.00
21	10	13	2	236.90	13.46	3.82	62.59	999.00	232.70	12.44	4.42	63.13	234.10	8.38	9.21	64.08	999.00	-1.51	999.00	-0.97	0.00
21	10	13	3	235.20	11.83	4.73	62.45	999.00	231.50	10.85	4.98	62.99	233.40	7.44	9.84	63.96	999.00	-1.50	999.00	-0.95	0.00
21	10	13	4	242.90	12.94	4.69	62.45	999.00	238.30	11.01	4.54	62.84	243.60	6.80	11.73	63.55	999.00	-0.93	999.00	-0.66	0.00
21	10	13	5	240.90	11.32	6.91	61.56	999.00	238.50	10.27	6.97	62.07	241.70	6.75	12.14	62.94	999.00	-1.39	999.00	-0.87	0.00
21	10	13	6	229.00	9.48	6.67	60.94	999.00	224.10	8.80	8.51	61.48	225.70	5.90	13.53	62.42	999.00	-1.48	999.00	-0.95	0.00
21	10	13	7	227.10	11.33	10.96	60.65	999.00	217.50	9.06	9.73	60.85	207.40	4.46	12.02	61.33	999.00	-0.10	999.00	-0.27	0.00
21	10	13	8	210.50	11.50	4.08	59.71	999.00	205.40	10.01	5.62	60.08	205.30	5.90	13.94	61.03	999.00	-1.41	999.00	-1.01	0.00
21	10	13	9	223.20	11.58	5.29	59.07	999.00	218.20	10.69	5.49	59.57	217.10	7.74	11.25	60.65	999.00	-1.67	999.00	-1.17	0.00
21	10	13	10	214.90	10.77	5.37	59.75	999.00	212.90	10.52	7.06	60.21	217.60	7.99	13.44	61.57	999.00	-1.94	999.00	-1.49	0.00
21	10	13	11	208.20	10.50	6.86	62.23	999.00	205.50	10.11	7.96	62.71	208.90	7.67	16.32	64.59	999.00	-2.31	999.00	-1.89	0.00
21	10	13	12	200.20	10.55	8.48	65.07	999.00	198.60	9.99	9.09	65.69	204.00	7.40	16.37	67.40	999.00	-2.26	999.00	-1.67	0.00
21	10	13	13	222.60	13.18	13.87	67.19	999.00	219.20	12.48	16.49	67.75	224.50	8.54	19.21	69.63	999.00	-2.55	999.00	-2.06	0.00
21	10	13	14	214.90	11.22	15.46	69.11	999.00	211.00	10.47	16.05	69.58	210.00	7.61	23.90	71.68	999.00	-2.42	999.00	-1.90	0.00

21	10	13	15	226.40	10.57	10.32	70.76	999.00	222.80	9.59	11.91	71.20	227.60	7.23	17.51	73.30	999.00	-2.38	999.00	-1.96	0.00
21	10	13	16	216.30	12.78	10.04	72.26	999.00	214.00	11.82	11.02	72.72	224.30	8.57	14.85	74.63	999.00	-2.37	999.00	-1.67	0.00
21	10	13	17	228.90	11.84	3.76	73.24	999.00	226.30	11.36	4.31	73.70	230.60	6.79	11.96	74.85	999.00	-1.22	999.00	-0.78	0.00
21	10	13	18	230.90	9.68	2.73	73.20	999.00	230.00	8.73	3.47	73.66	240.10	4.74	10.47	74.28	999.00	-0.64	999.00	-0.16	0.00
21	10	13	19	214.70	3.86	13.30	72.11	999.00	178.10	1.48	46.16	72.11	76.00	2.25	46.08	70.38	999.00	3.20	999.00	2.61	0.00
21	10	13	20	178.90	5.66	13.39	70.98	999.00	142.90	4.79	14.39	70.65	113.00	2.90	11.37	68.00	999.00	3.23	999.00	3.12	0.00
21	10	13	21	191.70	8.75	6.03	71.48	999.00	171.40	6.95	6.83	71.26	120.80	2.12	10.09	68.13	999.00	3.33	999.00	3.13	0.00
21	10	13	22	174.00	13.82	3.61	72.14	999.00	156.80	11.77	3.60	71.20	121.80	3.87	12.78	68.42	999.00	4.14	999.00	3.10	0.00
21	10	13	23	165.80	17.20	3.65	70.55	999.00	155.20	14.09	3.37	69.58	156.50	3.75	18.30	67.72	999.00	2.98	999.00	1.98	0.00
21	10	13	24	176.40	19.67	2.45	70.55	999.00	169.00	15.11	3.25	69.58	163.00	3.75	16.46	67.72	999.00	2.17	999.00	1.30	0.00
21	10	14	1	175.80	17.38	2.59	67.69	999.00	168.90	13.95	3.62	67.19	169.00	3.94	19.02	66.49	999.00	0.65	999.00	0.42	0.00
21	10	14	2	192.00	16.07	2.30	66.88	999.00	188.90	12.83	3.26	66.66	198.20	3.96	13.48	66.00	999.00	1.01	999.00	0.82	0.00
21	10	14	3	193.00	17.05	4.09	66.88	999.00	188.00	13.59	5.40	66.66	189.80	3.86	16.20	66.00	999.00	0.74	999.00	0.69	0.00
21	10	14	4	204.00	16.12	2.69	999.00	999.00	196.80	12.89	3.31	999.00	193.30	4.49	13.18	65.78	999.00	0.32	999.00	0.27	0.00
21	10	14	5	201.80	14.76	1.94	66.01	999.00	192.90	11.74	2.27	65.95	185.30	3.85	11.56	65.57	999.00	0.51	999.00	0.41	0.00
21	10	14	6	195.10	15.71	1.60	66.01	999.00	184.40	12.38	2.52	65.95	176.90	3.73	12.01	65.57	999.00	0.75	999.00	0.45	0.00
21	10	14	7	199.60	17.09	1.70	66.44	999.00	189.60	13.50	2.68	66.03	184.70	4.47	12.47	65.29	999.00	1.06	999.00	0.56	0.00
21	10	14	8	195.50	16.50	2.48	66.72	999.00	188.60	13.45	3.56	66.40	190.80	5.23	13.38	66.37	999.00	-0.25	999.00	-0.32	0.00
21	10	14	9	196.50	17.23	2.91	67.19	999.00	190.60	14.45	3.58	67.08	191.40	5.59	15.59	67.36	999.00	-0.37	999.00	-0.36	0.00
21	10	14	10	210.70	16.62	5.86	68.80	999.00	207.30	14.98	6.74	69.13	209.60	9.32	14.19	70.16	999.00	-1.55	999.00	-1.09	0.00
21	10	14	11	209.20	13.40	8.65	71.93	999.00	205.40	12.47	9.21	72.40	216.30	8.57	13.49	73.77	999.00	-2.29	999.00	-1.82	0.00
21	10	14	12	224.40	15.48	4.48	74.93	999.00	222.40	15.10	4.52	75.30	225.20	10.96	11.74	77.15	999.00	-2.15	999.00	-1.81	0.00
21	10	14	13	209.60	17.18	6.12	77.44	999.00	205.90	16.01	7.49	77.84	212.10	10.20	14.44	79.73	999.00	-2.20	999.00	-1.79	0.00
21	10	14	14	222.80	15.36	8.12	78.64	999.00	222.00	15.02	6.87	79.04	225.80	10.38	11.59	80.72	999.00	-2.23	999.00	-1.91	0.00
21	10	14	15	223.00	19.01	7.45	999.00	999.00	220.90	18.04	8.33	999.00	221.60	11.89	13.62	81.70	999.00	-1.70	999.00	-1.32	0.00
21	10	14	16	215.20	18.74	4.89	79.51	999.00	212.30	17.30	5.54	79.98	212.30	10.21	12.68	80.88	999.00	-1.17	999.00	-0.69	0.00
21	10	14	17	206.20	19.82	5.42	78.68	999.00	203.20	18.77	6.07	79.16	208.60	11.05	13.95	80.08	999.00	-1.57	999.00	-1.10	0.00
21	10	14	18	201.50	15.14	5.87	78.68	999.00	199.10	13.88	6.72	79.16	204.50	7.45	13.47	80.08	999.00	-0.96	999.00	-0.55	0.00
21	10	14	19	207.00	15.24	2.44	78.15	999.00	203.10	13.16	3.40	78.53	197.90	4.72	12.95	78.40	999.00	0.10	999.00	0.38	0.00
21	10	14	20	308.60	17.53	4.73	70.92	999.00	307.00	16.25	5.54	71.23	308.50	9.37	12.43	71.74	999.00	-1.21	999.00	-0.77	0.00
21	10	14	21	304.50	14.33	11.56	66.75	999.00	300.30	12.99	11.22	67.16	297.10	7.76	15.37	67.83	999.00	-1.05	999.00	-0.62	0.00
21	10	14	22	317.70	9.27	3.00	64.92	999.00	307.90	6.65	6.53	64.86	276.20	2.38	17.46	65.45	999.00	-0.03	999.00	-0.47	0.00
21	10	14	23	335.00	7.47	3.95	63.84	999.00	332.00	6.86	3.97	62.48	177.00	0.35	49.10	63.59	999.00	0.30	999.00	-0.99	0.04
21	10	14	24	264.30	8.57	26.06	63.52	999.00	252.50	8.68	25.15	62.75	225.10	6.39	12.96	63.35	999.00	0.15	999.00	-0.34	0.26
21	10	15	1	62.55	2.54	20.55	60.39	999.00	94.30	2.55	23.89	61.03	124.90	2.44	15.04	62.09	999.00	-1.75	999.00	-1.03	0.04
21	10	15	2	100.80	2.29	32.94	60.18	999.00	108.10	2.23	31.04	61.27	168.70	1.28	19.29	62.04	999.00	-2.54	999.00	-0.82	0.00
21	10	15	3	302.70	1.76	24.94	60.02	999.00	263.30	2.29	19.57	61.32	248.00	0.89	62.01	62.22	999.00	-1.98	999.00	-0.88	0.00
21	10	15	4	294.90	6.06	16.39	60.37	999.00	281.90	5.56	18.98	61.44	280.40	2.99	22.67	62.35	999.00	-1.78	999.00	-0.81	0.01
21	10	15	5	337.60	7.29	24.85	60.13	999.00	336.70	6.44	28.57	61.29	349.40	4.64	52.24	62.32	999.00	-2.54	999.00	-1.37	0.00
21	10	15	6	17.32	4.75	15.58	58.95	999.00	16.84	4.59	13.78	59.74	21.89	3.67	24.26	61.33	999.00	-2.56	999.00	-1.91	0.00
21	10	15	7	67.80	7.83	7.96	59.64	999.00	64.47	7.53	8.74	59.77	78.70	3.69	19.18	61.79	999.00	-1.55	999.00	-1.53	0.00
21	10	15	8	77.40	13.23	7.11	59.21	999.00	73.50	12.98	7.31	59.95	84.00	6.29	17.52	60.99	999.00	-1.71	999.00	-0.96	0.00
21	10	15	9	92.90	12.47	11.92	59.68	999.00	89.40	11.94	16.34	59.97	88.10	5.86	39.69	61.01	999.00	-1.66	999.00	-1.29	0.00
21	10	15	10	31.53	8.95	12.35	59.78	999.00	24.27	7.77	11.98	60.16	16.78	7.92	11.68	61.47	999.00	-1.62	999.00	-1.15	0.00
21	10	15	11	32.37	11.39	8.25	60.09	999.00	25.81	10.10	9.10	60.51	24.50	8.70	15.03	61.85	999.00	-1.90	999.00	-1.59	0.00
21	10	15	12	40.89	11.87	7.14	60.09	999.00	36.23	11.10	7.23	60.51	36.68	8.05	10.78	61.85	999.00	-1.86	999.00	-1.51	0.00

21	10	15	13	67.40	14.53	3.52	60.96	999.00	62.51	13.92	4.45	61.42	64.71	8.63	11.66	63.00	999.00	-2.19	999.00	-1.82	0.00
21	10	15	14	76.10	11.74	5.07	62.13	999.00	68.10	11.43	6.60	62.25	68.58	6.90	13.91	64.46	999.00	-2.76	999.00	-2.91	0.00
21	10	15	15	68.06	8.37	5.61	63.49	999.00	58.30	7.85	6.86	63.77	56.42	4.81	14.69	65.77	999.00	-1.95	999.00	-1.57	0.39
21	10	15	16	11.11	11.23	8.87	61.71	999.00	7.75	9.88	8.88	62.29	10.31	9.75	11.38	63.44	999.00	-1.64	999.00	-1.26	0.39
21	10	15	17	33.26	6.68	10.76	61.40	999.00	26.69	6.15	10.40	60.95	19.73	6.13	11.13	62.35	999.00	-1.42	999.00	-1.42	0.00
21	10	15	18	17.04	4.30	14.98	62.08	999.00	7.90	4.06	14.87	62.05	359.90	3.85	20.68	63.44	999.00	-1.53	999.00	-1.34	0.03
21	10	15	19	325.40	7.37	6.88	61.34	999.00	321.60	7.21	6.68	61.79	323.10	5.38	11.00	63.01	999.00	-1.64	999.00	-1.18	0.00
21	10	15	20	299.40	24.04	4.51	59.54	999.00	296.70	23.47	5.40	60.13	297.40	14.91	11.98	61.39	999.00	-1.98	999.00	-1.18	0.01
21	10	15	21	322.00	18.77	5.35	57.15	999.00	318.60	17.37	6.19	57.51	321.00	11.36	10.00	58.84	999.00	-1.60	999.00	-1.43	0.00
21	10	15	22	2.46	13.26	11.46	57.42	999.00	359.70	11.85	12.52	57.36	1.54	10.35	14.06	59.21	999.00	-1.89	999.00	-2.01	0.00
21	10	15	23	330.20	11.09	5.01	58.06	999.00	326.70	10.85	5.85	57.56	325.60	6.36	10.49	59.52	999.00	-1.15	999.00	-1.90	0.00
21	10	15	24	307.90	12.00	17.86	58.06	999.00	302.70	11.66	20.25	57.56	298.70	7.62	27.81	59.52	999.00	-1.66	999.00	-1.78	0.00
21	10	16	1	277.70	12.83	4.30	56.89	999.00	268.80	12.95	4.85	57.31	260.10	7.84	10.44	57.85	999.00	-1.03	999.00	-0.69	0.00
21	10	16	2	301.20	13.69	4.74	55.41	999.00	293.80	12.56	4.81	55.99	281.90	5.85	11.78	56.50	999.00	-0.90	999.00	-0.24	0.05
21	10	16	3	289.70	16.35	6.89	55.41	999.00	285.80	15.23	6.95	55.99	285.60	9.74	12.72	56.50	999.00	-1.14	999.00	-0.93	0.11
21	10	16	4	301.20	22.25	5.32	54.34	999.00	297.90	21.23	6.47	54.35	300.20	11.95	12.11	55.16	999.00	-1.08	999.00	-0.97	0.11
21	10	16	5	296.20	24.43	6.83	53.69	999.00	293.60	22.81	7.19	53.70	294.20	13.56	13.39	54.63	999.00	-1.24	999.00	-0.93	0.01
21	10	16	6	292.50	25.38	6.08	50.69	999.00	287.50	24.26	5.95	50.43	285.60	15.71	10.86	51.73	999.00	-0.80	999.00	-1.23	0.00
21	10	16	7	298.60	22.39	5.16	50.47	999.00	295.10	21.88	5.89	50.17	297.90	13.26	11.60	51.17	999.00	-0.72	999.00	-0.83	0.00
21	10	16	8	310.90	23.04	5.41	50.55	999.00	308.60	21.93	6.61	49.42	308.70	13.68	10.25	50.56	999.00	0.29	999.00	-0.83	0.00
21	10	16	9	275.20	15.56	4.58	50.66	999.00	267.10	14.25	4.99	51.03	260.90	8.27	11.55	51.29	999.00	-1.06	999.00	-0.76	0.00
21	10	16	10	262.40	13.96	8.16	49.52	999.00	257.10	12.52	8.31	49.97	261.40	8.85	13.45	50.99	999.00	-1.28	999.00	-0.78	0.00
21	10	16	11	278.80	18.00	7.58	51.94	999.00	275.80	17.48	7.51	52.52	275.50	13.54	12.53	54.26	999.00	-2.77	999.00	-2.16	0.00
21	10	16	12	288.40	24.74	4.64	53.83	999.00	285.40	23.47	5.26	54.44	286.60	15.76	11.49	56.56	999.00	-2.32	999.00	-1.76	0.00
21	10	16	13	273.30	19.40	8.25	54.36	999.00	271.10	18.99	8.16	54.91	270.50	14.17	12.65	56.49	999.00	-2.02	999.00	-1.48	0.00
21	10	16	14	268.50	22.32	6.43	54.45	999.00	265.50	21.02	6.75	54.99	265.10	14.24	10.52	56.49	999.00	-1.69	999.00	-1.17	0.00
21	10	16	15	255.40	21.81	7.71	54.86	999.00	251.80	20.31	7.54	55.38	249.20	14.18	10.86	56.92	999.00	-1.89	999.00	-1.40	0.00
21	10	16	16	259.00	19.59	6.58	54.83	999.00	256.30	18.43	7.67	55.35	256.70	12.26	12.33	56.78	999.00	-1.85	999.00	-1.34	0.00
21	10	16	17	267.40	22.38	6.65	54.81	999.00	264.40	21.22	7.72	55.34	264.40	13.96	11.75	56.34	999.00	-1.46	999.00	-0.94	0.00
21	10	16	18	274.00	22.33	6.64	54.11	999.00	271.60	20.74	7.43	54.62	273.10	13.37	11.44	55.49	999.00	-1.26	999.00	-0.77	0.00
21	10	16	19	270.50	21.07	5.32	54.11	999.00	266.90	19.48	6.03	54.62	266.40	12.62	10.61	55.49	999.00	-1.19	999.00	-0.70	0.00
21	10	16	20	260.30	18.44	5.30	51.85	999.00	256.60	16.47	5.89	52.33	255.40	10.26	10.59	52.99	999.00	-1.12	999.00	-0.65	0.00
21	10	16	21	249.70	18.73	5.64	51.43	999.00	246.50	16.57	6.11	51.91	248.80	10.56	11.80	52.63	999.00	-1.28	999.00	-0.79	0.00
21	10	16	22	243.70	17.14	5.55	51.43	999.00	241.20	15.53	6.24	51.91	247.20	10.33	10.66	52.63	999.00	-1.30	999.00	-0.78	0.00
21	10	16	23	250.50	17.60	5.12	50.73	999.00	247.70	15.56	5.86	51.19	248.90	8.97	11.68	51.91	999.00	-1.09	999.00	-0.66	0.00
21	10	16	24	244.50	18.67	4.76	50.73	999.00	240.80	16.95	5.55	51.17	241.60	10.63	10.02	51.87	999.00	-1.21	999.00	-0.75	0.00
21	10	17	1	243.00	15.98	6.21	50.73	999.00	241.20	13.56	7.04	51.17	245.90	8.66	10.98	51.87	999.00	-1.14	999.00	-0.71	0.00
21	10	17	2	241.60	16.31	5.65	50.64	999.00	237.80	14.27	6.26	51.11	237.50	8.94	9.85	51.82	999.00	-1.26	999.00	-0.78	0.00
21	10	17	3	242.70	17.21	5.59	50.46	999.00	238.20	14.81	6.91	50.95	237.90	9.64	9.96	51.76	999.00	-1.23	999.00	-0.75	0.00
21	10	17	4	252.50	18.49	3.99	50.00	999.00	248.10	15.86	4.94	50.36	246.90	8.18	9.84	50.83	999.00	-0.45	999.00	-0.16	0.00
21	10	17	5	252.90	21.05	3.45	48.54	999.00	247.00	17.94	4.02	48.70	244.70	9.55	10.80	48.82	999.00	-0.04	999.00	-0.01	0.00
21	10	17	6	248.40	21.99	3.20	47.49	999.00	242.80	18.32	5.09	47.59	244.90	10.40	9.82	47.76	999.00	-0.37	999.00	-0.24	0.00
21	10	17	7	253.10	20.78	3.60	46.62	999.00	247.40	17.88	4.09	46.68	247.40	9.71	9.94	46.84	999.00	-0.21	999.00	-0.14	0.00
21	10	17	8	247.00	19.23	3.78	45.79	999.00	242.20	16.03	5.74	45.87	244.80	8.74	11.19	46.15	999.00	-0.66	999.00	-0.50	0.00
21	10	17	9	247.20	18.01	4.48	45.79	999.00	240.30	15.06	5.66	45.87	241.40	9.81	10.38	46.15	999.00	-0.80	999.00	-0.72	0.00
21	10	17	10	241.30	15.34	5.82	46.65	999.00	235.60	13.40	6.17	46.95	234.90	9.27	10.13	47.97	999.00	-1.37	999.00	-1.02	0.00

21	10	17	11	248.20	15.23	9.34	48.66	999.00	244.30	14.00	10.53	49.16	243.00	9.61	13.69	50.67	999.00	-2.48	999.00	-1.95	0.00
21	10	17	12	259.70	15.12	9.41	53.01	999.00	257.80	14.80	10.16	53.51	262.60	11.39	13.68	55.62	999.00	-2.89	999.00	-2.34	0.00
21	10	17	13	287.60	21.41	5.61	55.72	999.00	283.90	20.51	6.44	56.29	282.30	13.94	12.88	58.48	999.00	-2.52	999.00	-1.95	0.00
21	10	17	14	282.90	19.78	7.72	56.51	999.00	278.80	18.54	7.77	57.09	274.90	13.48	12.35	59.07	999.00	-2.27	999.00	-1.68	0.00
21	10	17	15	292.10	20.17	8.42	57.63	999.00	289.60	19.20	9.53	58.20	294.00	12.93	14.31	60.25	999.00	-2.95	999.00	-2.38	0.00
21	10	17	16	295.20	17.58	8.06	58.51	999.00	291.00	17.22	8.33	59.08	290.20	11.76	14.32	61.18	999.00	-2.64	999.00	-1.99	0.00
21	10	17	17	288.00	16.77	8.28	59.51	999.00	284.90	16.49	8.98	60.11	283.20	11.18	13.86	61.71	999.00	-2.35	999.00	-1.75	0.00
21	10	17	18	279.60	14.98	4.90	59.80	999.00	275.60	13.60	5.42	60.30	273.10	8.84	10.31	61.38	999.00	-1.29	999.00	-0.85	0.00
21	10	17	19	266.70	15.81	2.36	59.46	999.00	260.50	14.38	2.72	59.79	250.50	6.54	7.48	59.40	999.00	0.89	999.00	1.21	0.00
21	10	17	20	272.40	19.39	2.10	58.92	999.00	265.30	17.12	2.38	58.92	256.50	6.93	7.65	57.22	999.00	2.20	999.00	2.05	0.00
21	10	17	21	275.60	21.49	3.42	57.41	999.00	269.10	18.16	3.51	57.18	259.00	6.95	8.06	55.13	999.00	2.26	999.00	2.00	0.00
21	10	17	22	270.80	21.28	1.44	56.09	999.00	264.40	17.94	2.85	55.80	256.20	7.03	8.89	53.86	999.00	2.05	999.00	1.64	0.00
21	10	17	23	265.10	22.19	2.16	56.09	999.00	255.70	17.59	3.91	55.80	252.50	7.70	9.26	53.86	999.00	1.89	999.00	1.13	0.00
21	10	17	24	273.30	20.77	3.84	53.43	999.00	263.00	17.00	5.00	52.66	261.20	6.37	9.71	51.12	999.00	2.91	999.00	1.94	0.00
21	10	18	1	273.30	19.36	3.34	53.05	999.00	262.40	16.44	3.82	52.32	250.60	6.47	8.19	50.32	999.00	2.81	999.00	2.10	0.00
21	10	18	2	269.60	20.39	2.06	52.84	999.00	255.30	16.68	3.07	51.28	242.00	7.05	7.28	49.53	999.00	3.88	999.00	1.92	0.00
21	10	18	3	266.00	20.32	3.49	52.04	999.00	251.40	14.93	5.47	50.24	219.90	6.12	8.78	48.55	999.00	4.03	999.00	2.06	0.00
21	10	18	4	252.60	19.50	4.34	50.01	999.00	244.20	14.38	6.75	48.73	232.00	6.11	10.30	47.38	999.00	1.86	999.00	1.16	0.00
21	10	18	5	288.30	22.79	2.30	50.72	999.00	276.60	17.82	3.38	49.29	262.30	6.20	7.84	47.52	999.00	5.00	999.00	3.24	0.00
21	10	18	6	307.10	20.07	4.81	52.74	999.00	303.20	18.51	5.88	52.32	295.60	9.44	14.19	48.20	999.00	1.46	999.00	1.79	0.00
21	10	18	7	322.70	14.14	6.30	52.73	999.00	318.40	12.78	7.00	53.16	263.50	3.88	13.38	52.04	999.00	2.74	999.00	3.12	0.00
21	10	18	8	322.50	11.73	3.92	52.72	999.00	316.60	10.27	4.35	52.99	193.40	2.84	19.86	47.87	999.00	5.87	999.00	6.00	0.00
21	10	18	9	263.10	9.31	7.99	50.84	999.00	243.60	7.26	8.68	49.87	223.70	3.92	34.37	47.16	999.00	-0.36	999.00	-0.64	0.00
21	10	18	10	273.00	8.89	8.60	48.66	999.00	259.30	8.13	7.31	48.30	252.90	5.89	12.59	49.49	999.00	-1.56	999.00	-1.46	0.00
21	10	18	11	270.60	6.03	12.29	51.40	999.00	268.60	6.06	13.30	51.98	276.40	5.37	23.10	53.75	999.00	-2.58	999.00	-1.98	0.00
21	10	18	12	287.60	5.26	26.93	54.49	999.00	285.50	5.23	31.86	55.12	280.90	4.42	38.89	57.48	999.00	-3.02	999.00	-2.34	0.00
21	10	18	13	234.80	5.79	30.74	56.80	999.00	231.00	5.67	29.89	57.44	231.50	5.22	34.49	59.83	999.00	-2.62	999.00	-2.08	0.00
21	10	18	14	356.60	4.46	14.89	59.12	999.00	1.87	4.39	14.80	59.55	14.22	5.01	15.10	60.52	999.00	-0.48	999.00	-0.45	0.00
21	10	18	15	42.44	4.79	17.41	59.49	999.00	42.76	5.42	14.52	59.65	58.32	5.01	18.61	60.38	999.00	-1.23	999.00	-1.04	0.00
21	10	18	16	50.08	2.33	63.40	60.32	999.00	87.80	3.48	21.45	60.36	94.40	3.69	23.52	61.22	999.00	-1.45	999.00	-1.39	0.00
21	10	18	17	132.40	3.49	11.45	59.93	999.00	112.80	4.41	8.14	60.43	106.40	3.96	14.85	61.65	999.00	-1.30	999.00	-0.92	0.00
21	10	18	18	312.20	1.40	21.42	59.93	999.00	100.50	0.98	44.02	60.43	100.20	2.21	12.93	61.65	999.00	1.01	999.00	0.67	0.00
21	10	18	19	261.70	4.28	7.04	62.83	999.00	223.80	3.03	10.33	62.55	155.00	2.25	11.16	61.06	999.00	2.39	999.00	2.19	0.00
21	10	18	20	254.30	4.62	5.77	62.85	999.00	224.60	3.85	7.86	62.88	151.20	1.72	12.58	58.79	999.00	5.61	999.00	5.67	0.00
21	10	18	21	245.70	6.01	3.31	62.85	999.00	224.30	5.73	6.52	62.88	177.50	2.52	4.22	58.79	999.00	6.70	999.00	6.63	0.00
21	10	18	22	265.00	11.59	2.52	62.83	999.00	253.70	10.69	2.42	62.82	205.10	2.95	9.62	56.00	999.00	6.38	999.00	5.91	0.00
21	10	18	23	265.90	17.38	2.02	61.72	999.00	248.40	14.38	4.85	60.21	209.40	3.66	12.69	55.43	999.00	7.04	999.00	5.01	0.00
21	10	18	24	275.30	20.25	1.32	61.51	999.00	261.40	16.00	2.36	59.64	211.10	3.60	14.63	53.51	999.00	999.00	999.00	5.79	0.00
21	10	19	1	282.20	16.44	1.09	61.26	999.00	267.60	14.98	3.51	60.02	216.90	3.86	8.56	53.49	999.00	7.97	999.00	7.04	0.00
21	10	19	2	278.70	14.78	3.46	60.18	999.00	260.90	14.84	5.41	58.51	215.50	4.75	8.10	51.93	999.00	999.00	999.00	6.71	0.00
21	10	19	3	268.60	13.52	4.85	58.85	999.00	253.40	16.39	4.70	57.33	216.50	3.87	10.01	51.29	999.00	7.90	999.00	6.05	0.00
21	10	19	4	266.60	14.06	1.09	58.89	999.00	262.00	15.64	4.86	58.05	195.50	2.66	12.22	50.92	999.00	7.97	999.00	7.46	0.00
21	10	19	5	246.60	21.07	2.39	57.58	999.00	240.10	18.13	3.15	57.00	212.20	5.90	8.10	49.84	999.00	7.87	999.00	5.78	0.00
21	10	19	6	242.40	21.90	1.98	57.72	999.00	227.80	15.93	3.16	54.60	206.40	3.68	12.07	49.39	999.00	999.00	999.00	4.49	0.00
21	10	19	7	239.60	22.95	2.36	56.44	999.00	225.00	16.25	2.28	52.91	205.00	4.79	11.85	48.73	999.00	7.50	999.00	3.67	0.00
21	10	19	8	240.80	23.46	2.17	55.89	999.00	226.60	17.51	2.60	52.17	205.60	5.20	11.85	48.51	999.00	6.88	999.00	3.43	0.00

21	10	19	9	238.70	19.85	2.92	53.92	999.00	227.10	15.68	3.32	51.88	213.10	6.47	10.34	49.47	999.00	2.32	999.00	0.92	0.00
21	10	19	10	232.80	15.04	3.74	53.36	999.00	223.70	12.99	3.50	52.75	218.80	8.60	9.47	53.12	999.00	-0.64	999.00	-0.91	0.00
21	10	19	11	240.50	16.31	5.21	56.60	999.00	235.90	15.21	6.23	56.83	230.60	10.34	10.68	58.11	999.00	-1.79	999.00	-1.45	0.00
21	10	19	12	237.70	16.43	4.75	60.65	999.00	234.60	15.40	5.36	60.99	234.20	10.65	10.17	62.69	999.00	-2.23	999.00	-1.84	0.00
21	10	19	13	238.90	17.85	7.22	63.90	999.00	235.70	16.93	7.40	64.31	235.10	11.71	11.21	66.15	999.00	-2.30	999.00	-1.88	0.00
21	10	19	14	238.80	21.81	4.94	66.44	999.00	236.90	20.60	5.82	66.87	238.30	14.00	11.54	68.69	999.00	-2.27	999.00	-1.84	0.00
21	10	19	15	238.40	18.89	9.20	68.35	999.00	236.30	17.45	10.41	68.75	234.60	11.93	13.51	70.40	999.00	-1.83	999.00	-1.42	0.00
21	10	19	16	237.60	20.12	5.02	69.28	999.00	236.10	19.14	5.52	69.71	236.70	13.16	11.24	71.13	999.00	-2.01	999.00	-1.45	0.00
21	10	19	17	244.20	18.00	8.04	69.90	999.00	241.00	16.59	8.32	70.33	238.60	10.85	11.91	71.35	999.00	-1.38	999.00	-0.94	0.00
21	10	19	18	236.10	17.84	3.60	69.82	999.00	233.40	16.55	4.01	70.21	235.90	9.76	9.65	70.77	999.00	-0.52	999.00	-0.21	0.00
21	10	19	19	237.00	17.72	2.62	69.82	999.00	232.70	15.02	2.47	70.21	228.70	7.12	5.18	70.77	999.00	2.09	999.00	2.20	0.00
21	10	19	20	226.50	16.64	1.54	67.88	999.00	217.60	13.92	1.86	67.52	208.60	3.23	8.71	64.77	999.00	3.63	999.00	3.12	0.00
21	10	19	21	233.20	19.99	3.15	65.85	999.00	226.80	15.78	2.82	65.32	215.00	5.94	7.97	62.68	999.00	2.63	999.00	2.20	0.00
21	10	19	22	230.70	19.56	2.76	64.38	999.00	224.10	15.34	2.26	63.45	208.70	5.07	10.24	60.75	999.00	3.79	999.00	2.70	0.00
21	10	19	23	243.00	21.88	2.60	62.97	999.00	234.30	17.22	2.92	62.22	220.20	7.04	6.99	59.55	999.00	3.66	999.00	2.67	0.00
21	10	19	24	242.50	20.28	3.43	61.92	999.00	231.90	15.85	3.57	60.89	209.80	5.15	10.10	58.17	999.00	4.17	999.00	3.03	0.00
21	10	20	1	243.80	20.54	1.63	60.67	999.00	231.60	16.58	1.97	59.46	207.50	5.25	10.63	56.28	999.00	4.97	999.00	3.58	0.00
21	10	20	2	240.00	18.68	2.23	59.55	999.00	226.20	14.39	2.32	58.08	205.10	4.12	12.53	55.07	999.00	4.45	999.00	3.02	0.00
21	10	20	3	238.20	17.36	2.10	58.67	999.00	223.90	13.05	2.01	56.95	194.80	3.65	10.03	53.88	999.00	4.64	999.00	2.95	0.00
21	10	20	4	227.20	16.82	1.43	57.31	999.00	214.30	14.28	1.72	55.46	188.00	5.13	8.16	52.37	999.00	4.41	999.00	3.12	0.00
21	10	20	5	228.30	16.71	1.33	55.93	999.00	212.90	13.19	1.86	54.71	183.60	4.34	8.78	51.11	999.00	4.86	999.00	3.24	0.00
21	10	20	6	220.50	15.38	1.83	55.21	999.00	210.00	13.59	2.46	54.14	170.80	4.04	8.39	50.23	999.00	4.93	999.00	4.74	0.00
21	10	20	7	228.60	18.36	0.89	54.29	999.00	215.80	14.85	1.94	53.24	190.30	4.92	8.92	49.64	999.00	5.05	999.00	3.50	0.00
21	10	20	8	230.90	20.47	2.16	55.99	999.00	216.70	17.76	2.06	53.43	194.00	5.44	10.96	49.10	999.00	7.74	999.00	4.97	0.00
21	10	20	9	221.00	20.96	1.65	56.33	999.00	205.60	15.68	2.91	52.92	201.10	5.77	9.18	49.65	999.00	4.69	999.00	1.57	0.00
21	10	20	10	219.50	15.23	4.63	53.69	999.00	214.70	13.16	5.20	53.02	214.50	7.76	13.11	53.47	999.00	-1.21	999.00	-1.02	0.00
21	10	20	11	222.90	13.19	3.93	57.10	999.00	220.60	12.35	4.13	57.40	224.60	9.56	9.24	58.77	999.00	-2.05	999.00	-1.68	0.00
21	10	20	12	223.00	13.53	3.67	60.98	999.00	221.80	13.42	4.11	61.32	226.80	9.63	10.91	63.22	999.00	-2.29	999.00	-1.97	0.00
21	10	20	13	225.60	13.91	6.11	63.75	999.00	223.70	13.36	7.08	64.12	228.90	9.98	10.26	66.12	999.00	-2.32	999.00	-1.94	0.00
21	10	20	14	211.80	14.83	10.57	65.67	999.00	209.20	14.15	12.11	66.06	212.90	10.04	17.89	68.14	999.00	-2.43	999.00	-2.02	0.00
21	10	20	15	214.40	17.67	9.12	67.41	999.00	212.50	16.65	9.43	67.75	218.40	10.93	14.86	69.79	999.00	-2.20	999.00	-1.87	0.00
21	10	20	16	214.70	17.71	7.79	69.16	999.00	213.30	16.60	8.56	69.55	217.70	11.82	13.84	71.30	999.00	-2.19	999.00	-1.65	0.00
21	10	20	17	206.20	17.75	5.24	70.28	999.00	203.10	16.35	6.26	70.71	207.00	9.31	15.67	71.95	999.00	-1.49	999.00	-1.05	0.00
21	10	20	18	213.10	15.97	4.61	70.43	999.00	209.90	14.33	4.94	70.84	213.30	7.29	11.76	71.47	999.00	-0.63	999.00	-0.30	0.02
21	10	20	19	206.90	14.09	2.20	69.83	999.00	203.10	12.60	1.95	70.23	198.70	3.24	11.12	69.06	999.00	1.67	999.00	2.07	0.00
21	10	20	20	203.20	15.28	2.11	69.47	999.00	197.30	13.19	3.33	69.34	177.40	3.21	12.59	66.53	999.00	3.18	999.00	3.03	0.00
21	10	20	21	190.00	20.73	2.13	69.47	999.00	182.50	17.31	3.29	69.34	177.40	5.13	15.21	66.53	999.00	2.49	999.00	2.14	0.00
21	10	20	22	193.30	19.37	2.73	65.89	999.00	188.80	16.29	3.13	65.80	191.30	5.87	13.21	65.03	999.00	0.48	999.00	0.44	0.00
21	10	20	23	190.20	19.60	3.00	64.46	999.00	184.50	16.45	3.69	64.57	185.00	6.58	13.73	64.13	999.00	0.37	999.00	0.44	0.00
21	10	20	24	186.20	18.69	4.54	63.34	999.00	179.10	15.71	5.47	63.34	174.80	5.89	15.67	62.92	999.00	0.14	999.00	0.21	0.00
21	10	21	1	192.20	16.52	4.38	63.34	999.00	186.80	14.11	5.70	63.34	188.80	5.94	14.29	62.92	999.00	-0.64	999.00	-0.29	0.00
21	10	21	2	194.70	15.16	3.60	60.83	999.00	189.90	12.59	4.03	60.90	198.10	4.48	15.87	60.48	999.00	0.08	999.00	0.23	0.00
21	10	21	3	185.70	14.45	2.07	59.77	999.00	177.50	11.74	2.96	59.84	170.00	3.04	15.45	59.51	999.00	0.64	999.00	0.54	0.00
21	10	21	4	187.40	18.71	2.44	59.55	999.00	178.80	15.78	2.84	59.28	178.10	5.01	15.39	58.57	999.00	1.07	999.00	0.75	0.00
21	10	21	5	185.20	20.48	2.77	58.92	999.00	178.00	16.92	3.39	58.57	177.30	5.62	13.11	57.63	999.00	1.20	999.00	0.85	0.00
21	10	21	6	183.00	21.63	3.16	57.85	999.00	176.70	17.69	4.00	57.61	179.50	5.80	16.88	57.18	999.00	0.73	999.00	0.47	0.00

21	10	21	7	189.00	19.49	4.55	58.19	999.00	184.70	16.29	5.11	58.06	188.80	7.37	15.49	57.86	999.00	-0.31	999.00	-0.17	0.00
21	10	21	8	204.30	20.76	4.21	56.99	999.00	199.40	18.18	4.55	57.24	200.30	7.50	14.28	57.54	999.00	-0.03	999.00	-0.06	0.04
21	10	21	9	197.40	20.68	4.78	54.21	999.00	188.60	16.52	4.74	54.31	184.00	5.81	15.66	54.47	999.00	0.44	999.00	0.18	0.06
21	10	21	10	197.80	18.99	4.26	55.23	999.00	191.90	16.24	4.98	55.02	191.90	6.10	15.44	55.67	999.00	-0.41	999.00	-0.65	0.00
21	10	21	11	200.30	18.12	4.51	56.54	999.00	194.90	15.08	5.15	56.34	194.60	6.64	16.37	57.21	999.00	-0.63	999.00	-0.94	0.00
21	10	21	12	209.40	14.72	6.80	58.78	999.00	205.90	12.89	7.85	58.31	201.90	6.93	15.56	59.83	999.00	-1.41	999.00	-2.48	0.00
21	10	21	13	218.50	17.60	5.51	62.33	999.00	215.60	16.49	6.84	60.75	218.20	10.46	12.24	64.00	999.00	-1.48	999.00	-3.12	0.01
21	10	21	14	242.60	20.17	6.58	62.33	999.00	240.70	17.45	8.17	60.75	247.50	10.18	12.00	64.00	999.00	-0.14	999.00	-0.41	0.04
21	10	21	15	252.00	30.80	6.05	62.75	999.00	249.20	27.90	7.06	63.00	252.00	18.54	11.84	63.19	999.00	0.45	999.00	0.88	0.00
21	10	21	16	258.40	28.78	7.17	62.31	999.00	254.60	26.45	8.01	62.73	255.40	18.59	12.84	64.02	999.00	-1.75	999.00	-1.26	0.00
21	10	21	17	252.20	30.38	7.12	59.07	999.00	249.50	27.84	7.67	59.55	252.60	17.77	11.73	60.92	999.00	-1.80	999.00	-1.30	0.00
21	10	21	18	253.40	27.47	5.18	55.48	999.00	250.70	24.96	6.30	55.99	251.30	16.67	11.50	56.93	999.00	-1.49	999.00	-0.96	0.00
21	10	21	19	260.50	20.88	6.98	53.54	999.00	257.40	19.09	7.90	54.07	255.30	12.27	12.05	54.98	999.00	-1.41	999.00	-0.89	0.00
21	10	21	20	251.00	16.54	5.92	53.07	999.00	248.50	14.56	6.48	53.55	250.60	9.06	11.59	54.28	999.00	-1.22	999.00	-0.74	0.00
21	10	21	21	249.70	22.21	6.00	52.90	999.00	246.10	19.95	7.50	53.42	248.20	13.22	12.04	54.29	999.00	-1.43	999.00	-0.91	0.00
21	10	21	22	249.70	19.95	5.00	52.00	999.00	247.60	18.29	6.10	52.53	249.70	11.87	11.34	53.42	999.00	-1.45	999.00	-0.92	0.00
21	10	21	23	256.30	19.52	4.21	51.53	999.00	252.80	17.52	5.60	52.04	253.40	11.13	11.84	52.96	999.00	-1.38	999.00	-0.87	0.00
21	10	21	24	279.50	14.78	8.00	51.53	999.00	273.60	13.39	7.86	52.04	267.40	8.75	10.71	52.96	999.00	-1.39	999.00	-0.91	0.00
21	10	22	1	317.70	19.31	10.84	51.71	999.00	314.70	18.19	12.40	52.24	314.90	10.96	17.18	53.28	999.00	-1.71	999.00	-1.21	0.01
21	10	22	2	317.60	20.56	5.62	49.10	999.00	313.90	19.53	6.24	49.32	313.60	11.94	11.58	50.30	999.00	-1.26	999.00	-1.11	0.00
21	10	22	3	320.20	21.80	4.39	48.17	999.00	317.80	21.40	5.15	48.21	320.10	13.85	12.04	49.27	999.00	-1.05	999.00	-1.12	0.00
21	10	22	4	298.50	16.06	6.72	48.17	999.00	292.90	15.76	7.61	47.50	287.90	10.31	12.24	49.17	999.00	-1.42	999.00	-2.07	0.00
21	10	22	5	302.90	15.48	5.38	45.45	999.00	298.80	15.11	5.82	45.54	298.10	8.78	12.89	46.79	999.00	-1.27	999.00	-1.11	0.00
21	10	22	6	310.50	13.73	7.06	45.51	999.00	306.00	12.80	8.19	46.02	302.70	7.64	13.39	46.72	999.00	-1.21	999.00	-0.77	0.00
21	10	22	7	306.90	11.67	9.88	45.24	999.00	302.90	11.60	10.47	45.68	302.50	7.28	15.00	46.52	999.00	-1.34	999.00	-0.83	0.00
21	10	22	8	286.90	11.09	8.26	44.22	999.00	273.40	11.20	7.83	44.62	257.80	7.94	9.77	45.12	999.00	-0.34	999.00	-0.18	0.00
21	10	22	9	285.70	10.67	7.70	42.80	999.00	275.40	10.72	6.37	43.04	257.50	6.77	11.87	43.15	999.00	-0.71	999.00	-0.35	0.00
21	10	22	10	271.50	15.73	5.28	42.46	999.00	267.00	15.42	5.54	42.94	262.50	11.29	11.32	44.13	999.00	-2.04	999.00	-1.54	0.00
21	10	22	11	281.30	10.31	10.44	42.26	999.00	276.20	9.88	10.64	42.85	274.40	8.34	14.43	43.96	999.00	-1.79	999.00	-1.20	0.00
21	10	22	12	324.30	11.61	9.54	43.38	999.00	322.80	11.46	9.41	43.97	324.50	9.06	13.00	45.91	999.00	-2.69	999.00	-2.09	0.00
21	10	22	13	324.40	8.58	16.74	44.15	999.00	318.10	8.65	17.02	44.77	321.70	6.22	25.93	47.17	999.00	-2.83	999.00	-2.21	0.00
21	10	22	14	331.60	8.13	8.19	44.15	999.00	328.40	7.78	9.49	44.77	338.20	6.15	14.58	47.17	999.00	-2.28	999.00	-1.60	0.00
21	10	22	15	323.90	6.21	11.48	45.05	999.00	324.80	6.57	12.93	45.69	329.50	5.41	20.25	47.61	999.00	-2.36	999.00	-1.75	0.00
21	10	22	16	316.00	6.19	12.35	45.66	999.00	313.00	5.97	11.58	46.24	325.00	5.08	16.07	48.03	999.00	-2.34	999.00	-1.70	0.00
21	10	22	17	302.50	4.82	12.55	46.38	999.00	302.20	4.57	12.51	47.01	317.20	3.59	18.79	48.47	999.00	-2.09	999.00	-1.49	0.00
21	10	22	18	311.40	6.71	10.43	47.15	999.00	309.10	6.26	11.59	47.74	303.10	3.68	18.01	49.09	999.00	-1.73	999.00	-1.16	0.00
21	10	22	19	293.20	4.80	6.85	47.28	999.00	285.60	4.29	5.56	47.80	239.80	2.03	6.64	48.46	999.00	-0.82	999.00	-0.34	0.00
21	10	22	20	256.90	6.91	8.02	47.20	999.00	242.10	5.97	6.57	47.56	207.80	3.44	14.93	47.73	999.00	-0.32	999.00	-0.15	0.00
21	10	22	21	249.60	8.15	3.11	47.26	999.00	239.20	7.69	3.68	47.46	220.70	4.95	8.97	47.22	999.00	0.08	999.00	0.17	0.00
21	10	22	22	244.90	7.95	4.80	46.76	999.00	230.30	8.10	2.93	46.96	216.50	4.68	7.82	46.86	999.00	0.23	999.00	0.28	0.00
21	10	22	23	244.60	4.78	5.38	46.97	999.00	221.30	4.66	7.83	46.73	121.00	2.30	13.46	46.16	999.00	1.37	999.00	1.18	0.00
21	10	22	24	220.00	5.50	2.60	47.14	999.00	212.10	5.64	2.24	47.13	179.30	4.22	10.85	46.08	999.00	1.14	999.00	1.31	0.00
21	10	23	1	213.10	4.36	2.67	47.16	999.00	211.20	5.12	2.39	47.49	197.00	3.09	11.14	45.86	999.00	1.67	999.00	2.03	0.00
21	10	23	2	202.40	6.14	3.27	47.21	999.00	196.10	7.47	5.19	47.49	193.40	3.82	12.45	45.80	999.00	1.42	999.00	1.47	0.00
21	10	23	3	201.20	10.53	2.97	46.47	999.00	198.00	10.20	3.27	46.39	206.80	4.43	12.74	45.71	999.00	0.09	999.00	-0.16	0.01
21	10	23	4	227.30	9.34	6.00	43.90	999.00	227.20	8.29	6.79	44.17	239.50	5.46	11.83	44.71	999.00	-0.98	999.00	-0.54	0.01

21	10	23	5	220.20	9.77	3.87	43.71	999.00	218.90	8.90	5.15	43.80	206.00	4.13	15.35	43.77	999.00	0.47	999.00	0.54	0.00
21	10	23	6	186.80	13.11	3.40	44.29	999.00	181.80	13.01	3.92	44.27	174.20	5.29	19.97	43.82	999.00	0.19	999.00	0.47	0.00
21	10	23	7	211.60	9.47	5.52	44.83	999.00	196.90	10.27	4.26	44.67	181.00	4.62	11.30	44.41	999.00	0.69	999.00	0.59	0.00
21	10	23	8	207.60	12.70	3.36	44.85	999.00	203.00	9.73	4.97	44.54	211.10	4.43	12.45	44.74	999.00	-0.57	999.00	-0.55	0.00
21	10	23	9	224.70	12.71	3.53	44.72	999.00	213.60	10.14	5.37	44.68	209.40	4.51	14.27	45.33	999.00	-0.61	999.00	-0.61	0.00
21	10	23	10	232.30	11.47	5.99	44.92	999.00	227.50	10.40	6.01	45.24	224.50	6.91	10.75	46.25	999.00	-1.67	999.00	-1.19	0.00
21	10	23	11	237.40	10.68	7.65	46.29	999.00	233.10	10.31	7.86	46.84	236.00	7.46	12.06	48.14	999.00	-1.77	999.00	-1.22	0.00
21	10	23	12	224.70	13.49	4.33	47.00	999.00	220.50	12.69	5.14	47.54	221.50	9.24	10.18	48.76	999.00	-1.68	999.00	-1.16	0.00
21	10	23	13	234.90	11.12	5.34	47.00	999.00	232.30	10.69	5.97	47.54	233.80	8.10	12.63	48.76	999.00	-1.76	999.00	-1.22	0.00
21	10	23	14	241.50	10.22	7.06	49.02	999.00	238.20	9.75	8.26	49.53	245.20	7.58	12.95	51.23	999.00	-2.15	999.00	-1.63	0.00
21	10	23	15	279.00	10.28	15.40	49.84	999.00	276.40	9.70	16.87	50.38	275.80	6.77	22.86	51.81	999.00	-1.97	999.00	-1.44	0.00
21	10	23	16	290.80	7.88	8.23	49.98	999.00	286.50	7.62	8.36	50.54	288.70	4.95	12.28	51.90	999.00	-1.77	999.00	-1.21	0.00
21	10	23	17	279.70	7.13	5.79	50.23	999.00	277.40	6.43	6.32	50.73	275.60	3.82	8.75	51.75	999.00	-1.43	999.00	-0.93	0.00
21	10	23	18	275.50	7.02	6.15	50.52	999.00	271.50	6.66	8.07	51.05	269.30	4.61	11.30	52.20	999.00	-1.77	999.00	-1.26	0.00
21	10	23	19	249.00	6.43	2.15	50.52	999.00	240.80	5.63	3.69	51.05	198.30	2.17	9.02	52.20	999.00	-0.03	999.00	0.38	0.00
21	10	23	20	253.40	9.15	3.62	50.97	999.00	248.20	8.54	3.55	51.44	214.70	3.15	7.38	50.47	999.00	0.77	999.00	1.20	0.00
21	10	23	21	268.60	8.39	2.87	51.08	999.00	262.30	8.03	4.25	51.31	217.20	3.32	12.71	49.38	999.00	1.81	999.00	2.16	0.00
21	10	23	22	277.80	11.27	3.23	50.97	999.00	269.90	9.45	2.88	51.21	219.90	3.31	4.57	48.12	999.00	3.47	999.00	3.60	0.00
21	10	23	23	293.00	10.79	1.09	50.96	999.00	282.90	9.81	1.75	51.07	192.40	2.34	9.46	46.71	999.00	4.63	999.00	4.80	0.00
21	10	23	24	302.30	9.55	1.94	50.63	999.00	288.80	10.32	3.21	50.55	208.50	3.06	12.11	45.09	999.00	5.35	999.00	5.10	0.00
21	10	24	1	295.30	7.06	3.77	50.50	999.00	285.50	7.59	3.83	50.28	208.50	4.02	9.67	44.23	999.00	6.85	999.00	6.78	0.00
21	10	24	2	315.90	5.47	3.14	50.50	999.00	307.30	5.52	2.92	50.28	184.70	2.64	9.52	44.23	999.00	7.41	999.00	7.59	0.00
21	10	24	3	330.70	5.17	2.83	50.14	999.00	323.20	5.32	4.17	50.44	255.10	2.13	14.74	42.54	999.00	7.50	999.00	7.92	0.00
21	10	24	4	340.30	2.48	11.15	49.52	999.00	307.00	2.56	17.76	49.56	194.50	3.93	10.50	41.66	999.00	7.96	999.00	7.97	0.00
21	10	24	5	48.52	1.46	18.58	49.10	999.00	358.50	1.05	58.99	49.03	197.70	3.29	10.64	41.21	999.00	7.96	999.00	7.96	0.00
21	10	24	6	159.90	1.21	10.80	48.55	999.00	202.70	1.78	6.53	48.56	199.20	3.29	10.42	40.67	999.00	999.00	999.00	7.97	0.00
21	10	24	7	157.10	2.93	6.05	999.00	999.00	174.60	2.97	7.13	48.38	194.90	3.59	8.04	40.55	999.00	999.00	999.00	7.83	0.00
21	10	24	8	142.20	6.13	4.54	48.88	999.00	152.30	5.49	4.91	48.26	173.00	2.38	10.19	40.68	999.00	7.94	999.00	7.49	0.00
21	10	24	9	131.20	7.52	4.22	49.45	999.00	138.70	6.73	4.25	49.06	182.40	3.37	5.70	41.68	999.00	7.30	999.00	6.63	0.00
21	10	24	10	117.30	8.23	1.91	49.80	999.00	108.80	7.95	2.05	49.58	190.70	1.61	20.91	43.60	999.00	5.05	999.00	4.96	0.00
21	10	24	11	122.10	10.16	3.77	50.03	999.00	112.10	8.31	4.48	49.97	147.00	2.27	19.10	46.76	999.00	2.00	999.00	1.84	0.00
21	10	24	12	110.10	10.30	2.66	49.58	999.00	102.70	8.42	5.31	49.11	107.00	4.09	15.31	49.44	999.00	-0.84	999.00	-0.77	0.00
21	10	24	13	106.00	6.25	6.47	49.95	999.00	102.10	5.76	7.02	50.39	102.20	2.65	22.45	51.34	999.00	-1.48	999.00	-0.97	0.01
21	10	24	14	76.90	5.45	2.98	50.36	999.00	75.20	5.01	4.08	50.80	59.63	2.24	16.88	51.65	999.00	-1.10	999.00	-0.72	0.06
21	10	24	15	92.40	6.30	5.72	49.45	999.00	90.40	5.95	6.40	49.24	103.40	2.96	14.46	50.54	999.00	-1.41	999.00	-1.70	0.04
21	10	24	16	88.30	10.52	4.02	49.12	999.00	86.10	9.81	5.26	48.87	96.00	4.73	16.64	50.33	999.00	-1.24	999.00	-1.60	0.05
21	10	24	17	86.50	14.11	3.50	50.19	999.00	83.00	13.13	3.94	49.81	92.80	5.29	15.96	51.06	999.00	-0.94	999.00	-1.11	0.05
21	10	24	18	52.91	15.64	4.07	50.89	999.00	49.15	14.86	4.78	50.94	53.96	8.58	10.02	52.03	999.00	-1.28	999.00	-1.09	0.12
21	10	24	19	51.03	20.52	3.92	51.11	999.00	47.99	19.24	4.52	51.37	54.38	12.41	10.49	52.33	999.00	-1.13	999.00	-0.90	0.03
21	10	24	20	47.91	28.78	5.54	51.60	999.00	43.54	26.66	6.64	51.86	45.34	16.69	12.80	52.69	999.00	-1.18	999.00	-0.89	0.00
21	10	24	21	55.25	30.57	3.03	51.60	999.00	51.02	28.80	4.23	51.86	55.43	18.13	11.31	52.69	999.00	-1.18	999.00	-0.79	0.04
21	10	24	22	54.18	30.91	3.28	51.94	999.00	49.63	28.84	4.89	52.35	53.00	17.71	11.25	53.13	999.00	-1.23	999.00	-0.74	0.48
21	10	24	23	49.98	32.25	4.55	51.72	999.00	45.26	30.08	5.05	52.22	49.71	17.49	11.05	53.19	999.00	-1.27	999.00	-0.74	0.22
21	10	24	24	39.79	26.18	7.96	50.84	999.00	35.14	24.07	9.16	51.35	30.81	17.00	12.84	52.21	999.00	-1.38	999.00	-0.88	0.05
21	10	25	1	34.34	30.70	5.89	49.71	999.00	31.13	27.48	6.58	50.23	30.27	24.65	7.59	51.15	999.00	-1.41	999.00	-0.92	0.02
21	10	25	2	44.81	32.67	5.51	49.67	999.00	39.60	29.99	6.63	50.17	40.18	19.87	10.53	51.08	999.00	-1.43	999.00	-0.93	0.01

21	10	25	3	32.98	25.82	7.53	49.25	999.00	29.42	23.37	8.62	49.78	29.13	20.50	9.13	50.68	999.00	-1.47	999.00	-0.93	0.01
21	10	25	4	39.52	26.85	7.63	48.73	999.00	35.56	24.14	8.11	49.24	34.57	18.30	10.26	50.22	999.00	-1.41	999.00	-0.95	0.06
21	10	25	5	36.08	23.44	7.81	48.54	999.00	31.38	20.79	8.48	49.08	30.16	16.87	9.80	50.00	999.00	-1.45	999.00	-0.88	0.12
21	10	25	6	43.18	22.52	6.44	49.24	999.00	38.14	20.41	7.22	49.69	37.79	14.34	10.25	50.59	999.00	-1.30	999.00	-0.88	0.03
21	10	25	7	54.56	25.95	4.67	49.24	999.00	49.83	24.06	6.21	49.69	56.13	15.61	10.93	50.59	999.00	-1.24	999.00	-0.77	0.01
21	10	25	8	58.21	28.04	3.83	52.03	999.00	53.70	25.67	5.15	52.47	57.13	15.37	11.74	53.18	999.00	-1.18	999.00	-0.72	0.00
21	10	25	9	67.85	22.13	4.75	53.14	999.00	63.70	21.14	6.09	53.55	65.69	11.41	13.89	54.29	999.00	-1.08	999.00	-0.70	0.01
21	10	25	10	108.30	9.30	7.21	54.45	999.00	106.60	8.06	9.92	54.80	104.10	2.78	40.06	55.42	999.00	-1.03	999.00	-0.67	0.02
21	10	25	11	202.50	3.85	15.94	54.83	999.00	211.70	3.63	18.34	55.21	232.50	1.95	24.69	56.13	999.00	-1.32	999.00	-0.90	0.00
21	10	25	12	28.62	15.49	5.87	53.14	999.00	24.38	13.85	7.43	53.42	25.01	13.16	9.71	54.11	999.00	-1.25	999.00	-0.98	0.07
21	10	25	13	21.60	18.82	4.18	50.51	999.00	18.11	14.50	5.76	50.87	23.44	14.34	9.29	51.89	999.00	-1.40	999.00	-1.04	0.09
21	10	25	14	11.94	22.61	5.24	50.51	999.00	8.16	18.87	6.91	50.87	10.54	17.50	9.89	51.89	999.00	-1.44	999.00	-1.16	0.00
21	10	25	15	13.52	26.96	3.47	49.03	999.00	10.76	22.32	5.60	49.23	15.94	19.10	10.14	50.47	999.00	-1.46	999.00	-1.39	0.00
21	10	25	16	15.68	27.37	4.51	49.40	999.00	12.96	22.43	6.15	49.29	19.29	20.14	10.39	50.60	999.00	-1.05	999.00	-1.24	0.00
21	10	25	17	18.13	27.19	3.57	49.67	999.00	16.38	19.97	5.49	49.59	22.87	19.08	9.59	50.90	999.00	-1.58	999.00	-1.46	0.02
21	10	25	18	12.19	32.39	3.33	48.34	999.00	9.70	27.30	5.22	48.69	14.53	21.82	9.73	50.23	999.00	-1.99	999.00	-1.56	0.01
21	10	25	19	10.15	29.23	7.27	47.39	999.00	6.64	24.60	8.48	47.69	8.96	22.47	10.44	49.44	999.00	-2.42	999.00	-2.09	0.01
21	10	25	20	9.51	27.31	8.08	46.91	999.00	6.29	22.92	9.27	47.15	9.09	21.29	10.58	49.53	999.00	-2.83	999.00	-2.38	0.00
21	10	25	21	1.40	24.30	9.86	46.92	999.00	358.70	22.11	9.65	47.24	1.68	20.46	9.22	49.44	999.00	-2.54	999.00	-1.35	0.00
21	10	25	22	359.70	27.08	8.70	46.90	999.00	357.20	24.64	9.27	48.11	0.80	22.35	10.03	49.43	999.00	-2.45	999.00	-1.30	0.00
21	10	25	23	0.58	27.80	8.84	47.25	999.00	358.40	25.97	8.14	48.21	2.47	23.07	8.97	49.53	999.00	-2.25	999.00	-1.29	0.00
21	10	25	24	354.20	28.58	6.76	46.84	999.00	352.60	25.54	8.21	47.81	357.40	21.35	10.18	49.11	999.00	-2.27	999.00	-1.26	0.00
21	10	26	1	354.40	27.88	7.80	46.67	999.00	352.30	25.38	7.57	47.81	356.20	20.36	10.13	49.08	999.00	-2.55	999.00	-1.25	0.00
21	10	26	2	346.30	34.21	4.70	47.03	999.00	343.60	32.40	5.47	47.93	345.70	24.81	8.62	49.13	999.00	-1.79	999.00	-1.21	0.00
21	10	26	3	349.60	33.11	4.84	47.03	999.00	346.80	29.76	6.11	47.93	349.00	23.26	9.18	49.13	999.00	-1.79	999.00	-1.21	0.00
21	10	26	4	345.90	29.74	5.61	47.51	999.00	343.50	28.18	5.92	48.08	345.80	21.54	9.20	49.27	999.00	-1.71	999.00	-1.15	0.00
21	10	26	5	340.10	29.46	4.36	47.41	999.00	337.90	28.25	5.70	47.98	341.00	21.10	8.58	49.15	999.00	-1.72	999.00	-1.15	0.00
21	10	26	6	324.50	24.99	5.26	46.43	999.00	322.00	23.70	6.19	46.98	327.00	15.50	10.60	48.11	999.00	-1.68	999.00	-1.14	0.00
21	10	26	7	332.00	28.38	6.61	46.24	999.00	329.60	26.68	7.20	46.79	333.70	18.97	9.74	47.87	999.00	-1.65	999.00	-1.10	0.00
21	10	26	8	335.60	30.77	4.50	45.86	999.00	333.50	29.30	5.68	46.42	339.20	20.57	9.16	47.54	999.00	-1.71	999.00	-1.15	0.00
21	10	26	9	325.90	26.82	6.24	45.32	999.00	323.10	24.89	7.34	45.88	326.20	16.97	10.17	46.99	999.00	-1.70	999.00	-1.13	0.00
21	10	26	10	329.00	24.48	5.49	44.68	999.00	326.30	22.94	6.33	45.28	328.50	15.99	9.79	46.61	999.00	-2.19	999.00	-1.53	0.00
21	10	26	11	329.90	23.92	6.26	44.12	999.00	326.90	23.04	6.67	44.73	331.90	16.69	11.23	46.17	999.00	-2.03	999.00	-1.43	0.00
21	10	26	12	333.80	21.52	6.72	44.50	999.00	332.60	20.49	7.14	45.11	339.10	16.20	10.22	46.58	999.00	-2.16	999.00	-1.54	0.00
21	10	26	13	319.50	19.18	7.41	45.27	999.00	316.80	18.87	7.73	45.84	322.10	14.04	12.91	47.79	999.00	-2.74	999.00	-2.16	0.00
21	10	26	14	320.90	18.10	6.72	46.07	999.00	317.50	17.87	7.21	46.67	320.20	13.19	13.73	48.89	999.00	-2.83	999.00	-2.27	0.00
21	10	26	15	319.10	16.63	7.29	46.99	999.00	316.40	16.36	7.81	47.58	317.50	12.11	12.15	49.71	999.00	-2.70	999.00	-2.13	0.00
21	10	26	16	313.60	16.13	8.16	47.38	999.00	310.50	15.62	8.73	48.01	313.90	11.55	12.99	50.00	999.00	-2.52	999.00	-1.87	0.00
21	10	26	17	328.70	16.37	8.21	47.42	999.00	326.30	15.76	8.47	48.02	329.70	11.90	12.82	49.56	999.00	-2.09	999.00	-1.52	0.00
21	10	26	18	331.50	18.59	4.60	47.45	999.00	329.10	17.97	6.26	48.03	333.90	12.71	10.66	49.46	999.00	-1.78	999.00	-1.23	0.00
21	10	26	19	339.00	20.24	5.17	47.06	999.00	336.00	19.31	5.49	47.61	338.70	13.89	8.85	48.68	999.00	-1.61	999.00	-1.05	0.00
21	10	26	20	334.20	20.14	6.04	46.32	999.00	330.90	19.05	7.00	46.88	332.40	13.08	8.91	47.86	999.00	-1.41	999.00	-0.87	0.00
21	10	26	21	328.40	19.81	4.40	45.71	999.00	326.10	19.09	5.14	46.26	331.50	12.25	9.63	47.05	999.00	-1.23	999.00	-0.70	0.00
21	10	26	22	341.80	23.99	5.68	46.22	999.00	338.90	22.31	6.95	46.78	339.70	17.11	9.00	47.75	999.00	-1.67	999.00	-1.11	0.00
21	10	26	23	332.50	20.26	3.78	46.37	999.00	329.50	19.67	4.44	46.90	332.30	13.56	9.00	47.95	999.00	-1.56	999.00	-1.03	0.00
21	10	26	24	336.20	20.37	4.82	46.17	999.00	333.60	19.22	6.03	46.73	337.10	12.79	10.04	47.76	999.00	-1.51	999.00	-0.96	0.00

21	10	27	1	335.70	19.61	3.83	46.11	999.00	333.40	18.90	4.78	46.65	337.30	12.86	9.18	47.62	999.00	-1.64	999.00	-1.10	0.00
21	10	27	2	334.00	19.77	5.20	46.24	999.00	330.70	18.59	6.28	46.77	334.20	11.97	9.07	47.78	999.00	-1.57	999.00	-1.05	0.00
21	10	27	3	335.90	18.76	4.63	45.92	999.00	332.60	17.92	5.89	46.46	334.80	12.21	9.86	47.59	999.00	-1.67	999.00	-1.13	0.00
21	10	27	4	332.60	17.26	4.95	45.60	999.00	329.10	16.24	5.74	46.14	330.20	10.98	9.12	47.25	999.00	-1.65	999.00	-1.12	0.00
21	10	27	5	339.20	17.12	4.00	45.70	999.00	336.40	16.55	5.36	46.25	341.60	11.76	8.33	47.37	999.00	-1.71	999.00	-1.16	0.00
21	10	27	6	347.00	17.19	4.71	46.43	999.00	344.10	16.23	4.75	46.97	347.80	12.54	8.65	48.11	999.00	-1.74	999.00	-1.18	0.00
21	10	27	7	360.00	11.78	13.75	46.50	999.00	354.70	10.64	13.15	47.05	355.40	10.03	12.68	48.28	999.00	-1.80	999.00	-1.25	0.00
21	10	27	8	359.30	11.11	13.62	46.32	999.00	355.10	10.04	12.92	46.88	1.95	8.39	12.48	48.10	999.00	-1.75	999.00	-1.22	0.00
21	10	27	9	8.12	9.04	14.40	46.37	999.00	4.74	7.85	11.87	46.90	11.84	6.54	14.16	48.07	999.00	-1.73	999.00	-1.19	0.00
21	10	27	10	7.49	7.73	12.34	46.88	999.00	7.50	6.49	11.85	47.42	13.15	5.67	15.84	48.58	999.00	-1.65	999.00	-1.15	0.00
21	10	27	11	33.72	7.18	11.40	47.45	999.00	29.26	6.41	10.78	47.98	27.96	6.56	12.70	49.13	999.00	-1.66	999.00	-1.15	0.00
21	10	27	12	7.87	4.14	23.08	47.45	999.00	2.01	3.68	20.16	47.98	4.82	3.15	24.41	49.13	999.00	-1.60	999.00	-1.12	0.00
21	10	27	13	292.00	5.63	10.54	48.00	999.00	287.70	5.71	11.36	48.56	280.30	4.03	19.18	49.78	999.00	-1.93	999.00	-1.40	0.00
21	10	27	14	283.00	10.52	4.33	45.70	999.00	277.10	9.77	4.90	46.19	276.80	7.32	9.96	47.58	999.00	-1.91	999.00	-1.40	0.00
21	10	27	15	285.70	6.19	7.86	45.72	999.00	277.20	6.16	7.70	46.31	272.50	4.77	14.27	47.79	999.00	-1.98	999.00	-1.44	0.00
21	10	27	16	309.80	4.90	15.98	46.64	999.00	304.40	4.74	16.31	47.16	296.90	4.17	26.39	48.66	999.00	-2.03	999.00	-1.49	0.00
21	10	27	17	351.50	5.21	13.23	47.78	999.00	347.50	4.72	13.37	48.26	351.90	4.06	13.34	49.69	999.00	-1.78	999.00	-1.34	0.00
21	10	27	18	357.40	3.65	13.46	48.64	999.00	343.90	3.71	11.26	49.11	329.40	3.20	11.46	50.44	999.00	-1.74	999.00	-1.28	0.00
21	10	27	19	11.09	3.52	13.00	49.23	999.00	1.83	2.82	18.11	49.74	291.90	1.82	23.78	50.85	999.00	-1.44	999.00	-0.93	0.00
21	10	27	20	40.97	5.33	10.94	49.86	999.00	33.40	3.40	14.98	50.21	225.80	2.47	6.68	50.62	999.00	-0.24	999.00	0.05	0.00
21	10	27	21	108.00	4.48	16.61	50.87	999.00	137.00	3.54	27.81	51.00	221.10	4.33	9.25	50.42	999.00	0.70	999.00	0.80	0.00
21	10	27	22	77.60	1.54	35.17	50.62	999.00	237.40	1.72	35.72	50.70	273.40	2.32	19.33	50.26	999.00	0.78	999.00	0.82	0.00
21	10	27	23	227.10	2.22	18.04	50.78	999.00	244.20	3.55	7.98	50.64	205.60	2.73	21.29	50.15	999.00	0.22	999.00	-0.03	0.00
21	10	27	24	112.00	9.48	2.70	50.13	999.00	105.30	7.34	1.67	49.98	130.90	1.93	18.40	49.56	999.00	0.83	999.00	0.81	0.00
21	10	28	1	95.00	15.61	3.60	50.30	999.00	88.10	13.64	4.50	50.41	92.20	5.36	15.21	50.10	999.00	-0.47	999.00	-0.29	0.00
21	10	28	2	106.50	13.80	3.08	50.75	999.00	103.40	11.83	3.66	50.94	115.50	4.64	15.24	51.61	999.00	-0.68	999.00	-0.56	0.00
21	10	28	3	123.80	9.80	4.70	50.90	999.00	140.70	8.18	4.68	50.67	203.30	1.84	15.07	50.43	999.00	1.62	999.00	0.98	0.00
21	10	28	4	117.90	11.68	4.09	51.11	999.00	124.10	10.69	4.45	50.55	194.30	1.66	12.60	48.90	999.00	2.15	999.00	1.87	0.00
21	10	28	5	104.80	16.57	3.50	50.47	999.00	100.60	15.54	3.98	50.71	107.20	7.01	15.01	49.92	999.00	-0.66	999.00	-0.18	0.00
21	10	28	6	96.60	19.15	3.14	49.90	999.00	91.10	17.53	4.59	50.36	94.80	7.41	15.07	50.73	999.00	-0.85	999.00	-0.38	0.00
21	10	28	7	108.30	21.93	4.77	50.39	999.00	104.50	20.59	6.14	50.89	110.10	10.35	15.37	51.51	999.00	-1.21	999.00	-0.71	0.00
21	10	28	8	109.10	16.81	3.72	50.10	999.00	105.40	15.67	4.46	50.59	111.80	6.89	15.45	51.27	999.00	-0.94	999.00	-0.44	0.00
21	10	28	9	88.20	20.90	3.46	50.73	999.00	83.30	19.40	3.96	51.21	88.60	9.00	15.69	51.74	999.00	-1.14	999.00	-0.65	0.00
21	10	28	10	87.60	21.81	3.49	51.87	999.00	83.60	19.85	5.06	52.39	91.00	8.57	17.96	53.27	999.00	-1.55	999.00	-1.01	0.00
21	10	28	11	93.30	25.04	3.77	53.20	999.00	89.70	22.78	5.14	53.72	95.70	11.02	16.73	54.83	999.00	-1.87	999.00	-1.32	0.00
21	10	28	12	82.70	27.52	3.21	53.00	999.00	79.50	25.59	4.62	53.62	83.60	12.90	15.09	55.41	999.00	-2.74	999.00	-2.04	0.00
21	10	28	13	87.20	25.26	3.72	53.44	999.00	82.50	23.45	5.21	54.17	91.30	12.11	15.17	56.42	999.00	-2.85	999.00	-2.15	0.00
21	10	28	14	89.20	20.85	4.70	54.12	999.00	85.20	18.63	6.55	54.79	92.80	9.61	17.03	56.90	999.00	-2.77	999.00	-2.10	0.00
21	10	28	15	71.40	23.16	4.36	54.80	999.00	66.42	21.72	5.13	55.46	68.41	12.90	12.30	57.44	999.00	-2.52	999.00	-1.89	0.00
21	10	28	16	71.10	26.63	3.09	55.27	999.00	66.47	24.89	4.23	55.87	70.10	13.06	13.59	57.40	999.00	-1.95	999.00	-1.38	0.00
21	10	28	17	73.60	29.44	3.20	55.79	999.00	69.16	27.08	4.23	56.30	73.20	13.56	14.48	57.46	999.00	-1.67	999.00	-1.16	0.00
21	10	28	18	72.10	27.77	3.09	55.79	999.00	67.26	25.17	3.98	56.30	69.89	12.18	13.59	57.46	999.00	-0.97	999.00	-0.60	0.00
21	10	28	19	82.30	23.85	4.59	57.17	999.00	79.20	21.14	5.93	57.52	87.40	9.31	17.55	58.13	999.00	-0.97	999.00	-0.62	0.00
21	10	28	20	77.60	24.64	2.59	57.46	999.00	72.70	21.75	4.16	57.65	76.10	9.72	15.16	58.13	999.00	-0.55	999.00	-0.41	0.00
21	10	28	21	80.10	22.10	3.14	57.70	999.00	75.60	19.33	4.75	57.92	80.50	7.99	16.18	58.39	999.00	-0.73	999.00	-0.49	0.00
21	10	28	22	93.30	21.00	2.32	57.61	999.00	89.70	17.36	4.20	57.23	97.60	6.45	13.91	57.97	999.00	-0.05	999.00	-0.70	0.07

21	10	28	23	114.60	20.07	4.06	57.36	999.00	110.20	16.95	5.66	56.70	116.00	6.88	14.12	57.41	999.00	0.02	999.00	-0.42	0.00
21	10	28	24	130.70	16.63	2.72	54.49	999.00	122.90	13.77	4.42	54.53	127.80	5.70	14.25	55.22	999.00	-0.58	999.00	-0.57	0.06
21	10	29	1	126.00	16.69	3.77	54.49	999.00	117.70	14.24	4.57	54.53	115.00	5.70	14.25	55.22	999.00	-0.34	999.00	-0.24	0.06
21	10	29	2	104.70	15.70	3.19	54.48	999.00	97.80	13.93	4.35	54.71	100.60	6.67	13.16	55.15	999.00	-0.87	999.00	-0.61	0.08
21	10	29	3	105.50	16.96	3.68	54.47	999.00	99.90	14.86	4.55	54.76	104.20	6.91	13.46	55.37	999.00	-0.94	999.00	-0.62	0.05
21	10	29	4	117.60	16.69	2.55	54.47	999.00	109.70	14.74	3.28	54.76	111.60	6.01	15.12	55.37	999.00	-0.84	999.00	-0.55	0.01
21	10	29	5	105.00	17.88	3.58	54.28	999.00	100.20	15.65	4.66	54.62	103.50	7.65	14.03	55.28	999.00	-1.14	999.00	-0.79	0.05
21	10	29	6	84.10	16.22	6.51	53.70	999.00	77.00	14.81	7.23	54.04	72.30	6.92	15.07	54.82	999.00	-1.07	999.00	-0.71	0.00
21	10	29	7	91.70	20.44	4.13	53.95	999.00	86.40	17.92	6.21	54.24	95.00	7.90	14.16	55.01	999.00	-1.05	999.00	-0.80	0.07
21	10	29	8	99.20	17.96	3.18	53.75	999.00	93.70	15.93	4.52	54.04	98.60	6.97	14.71	54.86	999.00	-1.14	999.00	-0.79	0.08
21	10	29	9	101.40	16.81	2.62	53.40	999.00	94.30	15.10	3.69	53.75	98.00	6.62	12.68	54.52	999.00	-1.13	999.00	-0.78	0.08
21	10	29	10	90.50	12.56	12.33	53.28	999.00	82.80	11.38	15.04	53.65	91.50	5.28	27.11	54.47	999.00	-1.24	999.00	-0.89	0.00
21	10	29	11	70.30	12.44	2.95	53.56	999.00	64.26	11.73	3.46	53.75	62.80	6.59	11.56	54.77	999.00	-1.22	999.00	-1.13	0.00
21	10	29	12	73.70	17.70	2.87	53.91	999.00	69.01	16.16	4.20	54.05	71.50	7.78	14.34	55.22	999.00	-1.36	999.00	-1.12	0.02
21	10	29	13	70.50	20.14	3.73	53.65	999.00	65.37	18.62	4.56	53.89	65.21	10.55	13.38	55.06	999.00	-1.46	999.00	-1.22	0.01
21	10	29	14	70.50	24.10	3.57	53.96	999.00	65.85	22.59	4.43	53.89	66.47	12.21	12.44	55.25	999.00	-1.25	999.00	-1.19	0.08
21	10	29	15	70.10	24.44	3.49	53.50	999.00	65.45	23.08	4.34	53.71	67.32	12.89	12.12	54.81	999.00	-1.34	999.00	-1.06	0.01
21	10	29	16	67.13	22.68	4.57	53.51	999.00	62.22	21.02	5.34	53.65	64.18	12.09	11.91	54.76	999.00	-1.09	999.00	-1.10	0.00
21	10	29	17	71.00	25.43	4.42	54.05	999.00	66.44	23.27	5.33	53.64	67.68	12.14	13.15	54.67	999.00	-0.60	999.00	-0.77	0.00
21	10	29	18	73.90	24.19	3.76	52.90	999.00	69.46	22.75	4.22	53.01	73.20	11.50	14.05	53.82	999.00	-0.99	999.00	-0.78	0.00
21	10	29	19	83.30	24.96	3.55	52.40	999.00	79.70	23.37	4.55	52.47	87.40	10.51	16.38	53.25	999.00	-1.07	999.00	-0.76	0.01
21	10	29	20	69.78	20.81	5.27	51.91	999.00	64.92	19.72	6.15	52.14	65.70	10.74	12.97	52.93	999.00	-1.01	999.00	-0.80	0.00
21	10	29	21	75.90	25.01	4.26	52.96	999.00	71.90	23.51	5.29	52.51	75.80	12.01	15.60	53.45	999.00	-0.63	999.00	-1.03	0.02
21	10	29	22	79.30	21.34	3.69	51.46	999.00	75.10	20.35	4.41	51.78	79.80	10.71	13.97	52.51	999.00	-1.08	999.00	-0.71	0.01
21	10	29	23	86.30	18.17	7.69	51.31	999.00	81.40	16.79	9.40	51.64	85.60	8.47	19.64	52.34	999.00	-1.04	999.00	-0.71	0.00
21	10	29	24	78.30	19.17	3.86	51.34	999.00	74.30	18.38	4.11	51.49	80.80	9.73	15.58	52.31	999.00	-0.98	999.00	-0.90	0.00
21	10	30	1	69.03	19.34	3.80	52.30	999.00	64.23	17.94	4.55	51.88	64.51	10.67	11.31	52.82	999.00	-0.51	999.00	-1.08	0.00
21	10	30	2	72.60	19.60	4.03	52.82	999.00	68.29	18.78	4.70	52.28	72.10	9.62	14.09	53.50	999.00	-0.98	999.00	-1.29	0.00
21	10	30	3	70.40	17.51	3.22	53.22	999.00	66.24	16.81	3.86	52.54	70.20	8.74	13.12	53.93	999.00	-0.40	999.00	-0.67	0.00
21	10	30	4	65.00	17.47	2.65	53.63	999.00	60.87	17.01	3.21	54.13	63.18	10.59	10.76	54.28	999.00	-0.72	999.00	-0.20	0.00
21	10	30	5	57.15	20.01	4.96	53.53	999.00	53.61	19.18	5.70	54.05	58.73	11.79	11.75	54.38	999.00	-1.02	999.00	-0.51	0.01
21	10	30	6	26.41	21.12	4.76	51.36	999.00	22.45	18.61	6.49	51.89	27.53	17.08	9.21	53.09	999.00	-1.62	999.00	-1.08	0.01
21	10	30	7	27.63	19.64	6.20	51.36	999.00	23.32	17.01	6.71	51.89	27.09	16.55	8.06	53.09	999.00	-1.48	999.00	-0.92	0.01
21	10	30	8	35.03	21.21	6.94	50.55	999.00	31.55	18.45	8.31	51.11	29.45	17.36	8.90	52.11	999.00	-1.60	999.00	-1.07	0.01
21	10	30	9	31.48	17.89	7.08	50.68	999.00	27.41	16.10	7.52	51.25	27.23	14.99	9.25	51.93	999.00	-1.36	999.00	-0.78	0.01
21	10	30	10	20.84	16.95	4.13	50.80	999.00	17.52	12.83	5.93	51.35	20.75	12.69	9.27	52.35	999.00	-1.66	999.00	-1.10	0.00
21	10	30	11	20.85	16.54	4.80	50.24	999.00	17.47	12.76	6.16	50.78	21.01	12.36	10.22	51.85	999.00	-1.59	999.00	-1.04	0.00
21	10	30	12	15.16	19.06	2.48	49.66	999.00	12.36	15.65	3.89	50.14	16.93	14.51	9.03	51.06	999.00	-1.38	999.00	-0.94	0.00
21	10	30	13	14.45	18.63	3.97	49.44	999.00	11.76	15.38	5.86	49.88	16.40	13.95	9.71	50.95	999.00	-1.57	999.00	-1.11	0.00
21	10	30	14	9.80	16.03	8.78	49.44	999.00	7.70	13.42	9.40	49.88	11.76	12.99	10.81	50.95	999.00	-1.50	999.00	-1.04	0.00
21	10	30	15	8.89	14.91	10.28	50.01	999.00	6.98	13.08	9.96	50.53	10.15	11.83	11.42	51.56	999.00	-1.46	999.00	-0.89	0.00
21	10	30	16	355.40	14.44	11.02	50.14	999.00	351.20	12.80	11.19	50.69	355.60	11.47	12.40	51.61	999.00	-1.54	999.00	-0.98	0.00
21	10	30	17	349.90	15.26	6.42	49.66	999.00	346.20	14.04	5.28	50.15	346.40	11.83	8.21	50.89	999.00	-1.11	999.00	-0.65	0.02
21	10	30	18	349.40	12.64	7.78	49.33	999.00	346.10	11.67	7.82	49.82	347.40	8.98	13.34	50.57	999.00	-1.09	999.00	-0.58	0.00
21	10	30	19	2.82	9.27	12.85	49.43	999.00	357.00	8.63	12.28	49.94	357.30	8.25	10.74	50.48	999.00	-1.04	999.00	-0.53	0.00
21	10	30	20	351.80	10.72	8.02	49.81	999.00	346.80	10.43	4.88	50.37	348.00	8.39	7.90	50.78	999.00	-0.82	999.00	-0.26	0.00

21	10	30	21	347.60	11.97	6.06	49.81	999.00	343.90	11.36	5.94	50.37	342.50	8.82	8.98	50.78	999.00	-1.03	999.00	-0.47	0.00
21	10	30	22	336.70	11.00	4.02	49.77	999.00	334.70	10.51	4.79	50.31	332.80	7.16	8.10	51.16	999.00	-1.45	999.00	-0.90	0.00
21	10	30	23	324.70	11.12	6.41	49.82	999.00	319.30	10.34	6.79	50.33	300.50	5.64	12.95	51.04	999.00	-0.82	999.00	-0.37	0.00
21	10	30	24	318.10	11.66	4.36	49.74	999.00	314.30	11.33	4.99	50.26	310.20	7.04	9.65	50.92	999.00	-1.22	999.00	-0.69	0.00
21	10	31	1	306.60	13.46	3.45	49.52	999.00	301.80	12.89	4.66	50.04	302.00	7.37	10.87	50.56	999.00	-1.10	999.00	-0.59	0.00
21	10	31	2	290.30	14.68	3.41	49.32	999.00	284.40	13.64	4.17	49.83	278.60	8.38	9.15	50.66	999.00	-1.38	999.00	-0.91	0.00
21	10	31	3	281.60	14.66	3.58	49.32	999.00	276.40	13.24	4.47	49.83	271.60	8.31	8.10	50.66	999.00	-1.26	999.00	-0.80	0.00
21	10	31	4	281.00	13.89	3.71	48.37	999.00	275.40	12.42	4.02	48.82	267.50	7.11	9.25	49.60	999.00	-1.12	999.00	-0.68	0.00
21	10	31	5	269.30	12.90	3.14	48.35	999.00	262.00	11.26	4.84	48.78	256.70	6.44	9.64	49.46	999.00	-1.13	999.00	-0.72	0.00
21	10	31	6	267.40	12.71	4.01	48.49	999.00	260.50	10.90	5.32	48.87	256.50	6.24	10.44	49.52	999.00	-1.02	999.00	-0.65	0.00
21	10	31	7	270.00	14.60	3.16	48.82	999.00	263.20	12.75	4.57	49.17	257.00	6.78	10.22	49.70	999.00	-0.84	999.00	-0.51	0.00
21	10	31	8	272.90	17.56	2.62	48.92	999.00	268.00	15.23	3.12	49.20	260.80	7.38	8.27	48.68	999.00	0.63	999.00	0.82	0.00
21	10	31	9	255.00	16.14	3.66	47.86	999.00	247.80	13.64	4.32	48.04	242.90	8.41	9.69	48.28	999.00	-1.58	999.00	-1.37	0.00
21	10	31	10	255.20	15.61	6.80	47.55	999.00	251.30	14.19	7.37	47.95	252.50	10.33	11.89	50.40	999.00	-3.35	999.00	-2.85	0.00
21	10	31	11	261.00	15.56	7.16	49.13	999.00	257.00	14.86	7.59	49.62	253.20	11.05	11.48	52.86	999.00	-3.91	999.00	-3.47	0.00
21	10	31	12	253.20	17.58	6.36	50.43	999.00	249.70	17.03	7.72	50.87	252.70	12.81	13.52	52.46	999.00	-2.49	999.00	-2.07	0.00
21	10	31	13	254.00	16.55	9.95	51.52	999.00	250.70	15.78	10.40	52.01	250.20	12.21	13.86	54.23	999.00	-2.52	999.00	-2.08	0.00
21	10	31	14	255.60	20.18	7.84	53.63	999.00	253.80	19.31	7.85	54.10	258.40	13.79	12.07	56.08	999.00	-2.22	999.00	-1.76	0.00
21	10	31	15	251.40	16.97	7.60	54.76	999.00	248.30	16.02	7.56	55.30	250.60	11.40	12.73	56.75	999.00	-1.91	999.00	-1.38	0.00
21	10	31	16	237.10	16.40	6.04	55.01	999.00	233.80	15.48	6.51	55.53	235.40	11.27	10.55	56.83	999.00	-1.77	999.00	-1.24	0.00
21	10	31	17	240.80	16.69	5.89	55.69	999.00	238.00	14.97	6.43	56.19	240.30	9.46	11.92	57.13	999.00	-1.25	999.00	-0.75	0.00
21	10	31	18	256.20	18.70	10.56	55.64	999.00	252.40	17.04	9.74	56.13	253.30	10.48	13.00	56.88	999.00	-1.24	999.00	-0.74	0.00
21	10	31	19	259.80	21.63	6.76	54.47	999.00	255.50	19.31	7.09	54.96	256.10	12.23	11.81	55.64	999.00	-1.16	999.00	-0.68	0.00
21	10	31	20	274.40	22.38	5.00	53.73	999.00	270.90	20.92	5.47	54.20	269.20	13.47	10.57	54.80	999.00	-1.04	999.00	-0.58	0.00
21	10	31	21	302.70	31.31	5.34	51.53	999.00	299.80	30.36	6.38	52.01	303.50	19.14	11.23	52.80	999.00	-1.38	999.00	-0.84	0.00
21	10	31	22	292.60	26.62	6.57	48.76	999.00	289.70	25.31	6.96	49.25	289.60	15.02	13.16	49.81	999.00	-1.01	999.00	-0.51	0.00
21	10	31	23	303.20	25.64	6.66	47.73	999.00	298.80	24.04	8.28	48.20	299.60	13.91	12.61	48.53	999.00	-0.65	999.00	-0.19	0.00
21	10	31	24	272.10	18.54	1.88	47.46	999.00	263.70	16.30	3.58	47.69	255.40	7.62	9.43	47.53	999.00	0.64	999.00	0.57	0.00
21	11	1	1	270.00	17.41	2.36	45.58	999.00	259.30	14.21	3.94	45.44	252.80	5.75	8.32	44.76	999.00	1.04	999.00	0.76	0.00
21	11	1	2	267.40	18.58	4.14	45.12	999.00	256.80	15.36	4.38	44.93	251.50	6.11	8.55	43.91	999.00	1.13	999.00	0.86	0.00
21	11	1	3	262.10	18.23	3.58	44.35	999.00	254.10	14.54	4.74	43.96	251.90	6.27	9.79	43.15	999.00	0.67	999.00	0.54	0.00
21	11	1	4	274.50	17.37	3.72	43.12	999.00	260.40	14.28	4.22	42.74	252.90	6.30	8.52	42.21	999.00	1.07	999.00	0.64	0.00
21	11	1	5	279.60	18.67	2.52	43.23	999.00	266.60	15.25	3.53	42.58	254.70	6.10	6.91	41.32	999.00	2.49	999.00	1.62	0.00
21	11	1	6	272.50	17.64	2.32	43.22	999.00	259.80	16.21	2.82	42.74	244.00	7.58	7.23	40.85	999.00	2.31	999.00	1.96	0.00
21	11	1	7	256.10	15.28	4.95	42.10	999.00	244.00	10.61	7.33	41.15	225.20	5.19	10.56	40.18	999.00	1.05	999.00	0.38	0.00
21	11	1	8	254.80	18.10	3.45	40.46	999.00	239.10	13.88	4.23	39.44	217.60	7.14	8.64	38.55	999.00	3.07	999.00	1.05	0.00
21	11	1	9	246.40	17.40	5.40	39.57	999.00	237.30	13.92	6.41	38.89	226.30	8.52	10.28	38.61	999.00	0.40	999.00	-0.03	0.00
21	11	1	10	250.60	15.36	5.11	39.85	999.00	245.00	13.37	5.67	39.94	244.60	8.18	11.33	40.85	999.00	-1.28	999.00	-1.04	0.00
21	11	1	11	243.90	12.99	5.19	42.26	999.00	240.20	12.45	5.00	42.62	243.10	9.48	12.08	44.16	999.00	-2.07	999.00	-1.68	0.00
21	11	1	12	259.20	16.39	7.18	44.47	999.00	255.70	15.86	9.28	44.90	252.10	11.90	15.32	46.80	999.00	-2.42	999.00	-2.03	0.00
21	11	1	13	260.60	16.03	8.34	45.99	999.00	257.60	15.31	8.80	46.48	262.70	10.92	13.13	48.50	999.00	-2.21	999.00	-1.74	0.00
21	11	1	14	249.00	17.85	15.28	46.89	999.00	245.20	16.86	15.22	47.36	248.40	12.28	18.56	49.56	999.00	-2.81	999.00	-2.35	0.00
21	11	1	15	240.80	19.13	9.38	47.39	999.00	238.10	17.87	9.82	47.84	237.80	13.56	11.04	49.85	999.00	-2.16	999.00	-1.69	0.00
21	11	1	16	247.80	19.47	8.52	47.46	999.00	245.30	18.15	10.51	47.94	246.20	12.17	14.60	49.63	999.00	-2.40	999.00	-1.85	0.00
21	11	1	17	265.10	16.73	6.63	47.09	999.00	262.40	15.99	7.39	47.62	265.50	11.15	12.20	48.95	999.00	-1.84	999.00	-1.32	0.00
21	11	1	18	256.70	18.32	5.37	46.67	999.00	254.60	16.57	5.52	47.15	254.90	9.60	11.13	47.96	999.00	-0.99	999.00	-0.51	0.00

21	11	1	19	250.80	16.56	3.93	46.00	999.00	247.60	14.46	5.26	46.44	251.10	7.93	9.70	46.83	999.00	-0.90	999.00	-0.48	0.00
21	11	1	20	258.30	14.37	4.46	45.43	999.00	253.70	12.37	4.73	45.81	256.80	6.47	9.99	46.18	999.00	-0.70	999.00	-0.36	0.00
21	11	1	21	281.30	19.51	4.88	44.38	999.00	277.40	17.28	5.53	44.79	273.60	10.96	9.99	45.14	999.00	-0.95	999.00	-0.49	0.00
21	11	1	22	278.80	16.76	3.61	42.97	999.00	271.30	14.46	3.94	43.31	257.50	6.82	8.11	43.20	999.00	0.24	999.00	0.46	0.00
21	11	1	23	269.70	18.63	2.92	42.52	999.00	266.80	15.65	3.54	42.57	252.40	6.22	8.14	41.45	999.00	1.43	999.00	1.32	0.00
21	11	1	24	245.00	17.90	5.79	41.93	999.00	235.40	13.99	7.17	41.64	220.90	6.87	15.30	40.76	999.00	1.14	999.00	0.76	0.00
21	11	2	1	238.50	18.05	2.50	40.66	999.00	232.40	14.03	4.37	40.17	223.00	6.86	9.14	39.62	999.00	0.70	999.00	0.40	0.00
21	11	2	2	236.30	19.97	4.08	39.17	999.00	231.70	15.49	5.57	38.97	225.30	9.35	8.35	38.69	999.00	0.19	999.00	0.05	0.00
21	11	2	3	261.30	20.27	3.12	38.21	999.00	254.40	16.66	4.45	38.17	254.20	8.27	10.91	38.20	999.00	-0.01	999.00	-0.04	0.00
21	11	2	4	262.20	16.03	2.72	37.77	999.00	250.00	13.49	4.02	37.47	244.00	7.32	8.27	37.40	999.00	0.44	999.00	0.25	0.00
21	11	2	5	250.20	16.31	4.26	37.77	999.00	239.50	13.19	5.62	37.47	230.30	7.71	8.47	37.40	999.00	0.40	999.00	0.01	0.00
21	11	2	6	237.50	16.33	6.06	36.47	999.00	229.20	13.49	5.91	35.60	219.70	8.43	8.99	35.51	999.00	0.80	999.00	0.10	0.00
21	11	2	7	231.50	17.02	4.07	36.47	999.00	226.30	12.79	6.09	35.60	212.30	5.97	11.98	35.51	999.00	0.00	999.00	-0.02	0.00
21	11	2	8	238.40	20.23	2.18	34.73	999.00	228.60	15.67	3.62	34.24	219.90	8.03	9.46	34.13	999.00	1.25	999.00	0.29	0.00
21	11	2	9	235.20	15.83	5.29	34.06	999.00	231.50	14.17	5.76	34.13	228.10	10.03	10.91	34.75	999.00	-1.40	999.00	-0.97	0.00
21	11	2	10	248.10	14.44	6.97	34.89	999.00	244.30	13.15	7.41	35.36	243.10	9.74	11.99	36.62	999.00	-1.85	999.00	-1.41	0.00
21	11	2	11	250.00	13.40	5.93	35.76	999.00	246.40	12.01	6.58	36.23	247.30	8.37	11.83	37.55	999.00	-1.85	999.00	-1.36	0.00
21	11	2	12	255.70	14.34	7.43	37.51	999.00	252.90	13.56	5.97	38.02	253.30	10.45	11.04	39.54	999.00	-2.17	999.00	-1.69	0.00
21	11	2	13	260.00	12.47	12.31	40.34	999.00	255.20	11.94	12.99	40.83	257.80	9.83	17.15	42.92	999.00	-2.85	999.00	-2.33	0.00
21	11	2	14	270.80	15.91	9.23	40.34	999.00	268.60	15.00	10.15	40.83	269.40	11.23	15.12	42.92	999.00	-2.45	999.00	-1.88	0.00
21	11	2	15	253.50	16.37	8.47	42.37	999.00	250.50	15.15	9.71	42.89	249.90	10.66	13.59	44.60	999.00	-1.93	999.00	-1.40	0.00
21	11	2	16	257.40	17.57	6.84	42.99	999.00	254.40	16.29	7.24	43.48	254.70	11.28	11.51	45.06	999.00	-1.67	999.00	-1.13	0.00
21	11	2	17	273.80	20.53	7.86	42.71	999.00	270.30	19.41	8.23	43.24	270.30	13.06	12.34	44.37	999.00	-1.44	999.00	-0.95	0.00
21	11	2	18	273.40	13.52	4.47	41.40	999.00	270.90	12.55	5.08	41.91	269.20	7.49	10.72	42.88	999.00	-1.26	999.00	-0.76	0.00
21	11	2	19	245.30	14.88	5.77	41.31	999.00	239.70	12.80	6.30	41.78	237.00	8.04	9.77	42.50	999.00	-1.24	999.00	-0.81	0.00
21	11	2	20	269.90	15.00	1.76	41.37	999.00	263.10	13.59	2.18	41.61	251.20	6.17	8.65	41.67	999.00	0.18	999.00	0.33	0.00
21	11	2	21	274.50	14.01	5.44	40.71	999.00	268.40	12.19	6.06	41.00	246.70	5.25	8.70	40.65	999.00	0.09	999.00	0.41	0.00
21	11	2	22	279.90	17.86	4.03	40.28	999.00	274.60	15.06	4.36	40.47	259.80	6.53	9.13	40.04	999.00	0.16	999.00	0.35	0.00
21	11	2	23	272.80	16.11	4.29	39.78	999.00	267.50	13.95	3.92	40.08	257.80	6.40	8.96	40.07	999.00	-0.03	999.00	0.20	0.00
21	11	2	24	276.90	18.38	3.43	39.19	999.00	271.00	16.50	4.07	39.45	258.80	8.06	8.73	38.95	999.00	0.06	999.00	0.33	0.00
21	11	3	1	278.90	18.12	2.52	38.42	999.00	271.40	16.22	2.78	38.57	255.90	6.82	8.57	37.99	999.00	0.68	999.00	0.78	0.00
21	11	3	2	273.20	17.71	1.55	38.07	999.00	262.90	15.99	2.54	38.01	251.50	6.97	8.67	36.81	999.00	1.34	999.00	1.14	0.00
21	11	3	3	276.20	17.21	2.64	37.53	999.00	264.30	15.81	2.59	37.28	252.80	6.34	7.58	36.08	999.00	1.62	999.00	1.20	0.00
21	11	3	4	277.00	18.82	1.58	37.53	999.00	268.20	17.08	1.91	37.28	256.60	6.59	7.92	36.08	999.00	2.44	999.00	2.40	0.00
21	11	3	5	283.20	17.58	0.97	37.20	999.00	269.60	15.24	1.86	36.81	254.60	5.71	7.59	34.66	999.00	2.91	999.00	1.59	0.00
21	11	3	6	276.20	16.30	5.34	36.30	999.00	258.70	13.83	8.02	35.08	236.60	7.01	9.83	33.80	999.00	2.20	999.00	1.07	0.00
21	11	3	7	285.00	18.25	1.04	36.08	999.00	271.00	14.89	2.27	34.79	263.20	4.91	8.22	33.17	999.00	4.01	999.00	2.04	0.00
21	11	3	8	296.30	14.00	0.96	36.09	999.00	286.30	13.84	0.84	34.86	254.10	5.23	7.17	32.08	999.00	4.19	999.00	3.98	0.00
21	11	3	9	291.70	12.43	1.36	36.41	999.00	272.70	10.78	5.79	35.85	239.40	5.72	7.01	33.00	999.00	2.58	999.00	1.83	0.00
21	11	3	10	281.30	10.90	9.59	35.86	999.00	264.40	9.12	8.83	34.76	255.40	6.08	11.69	35.16	999.00	-1.09	999.00	-1.39	0.00
21	11	3	11	278.60	5.92	14.68	36.50	999.00	270.40	5.51	14.34	36.97	274.40	4.95	19.45	38.69	999.00	-2.74	999.00	-2.07	0.00
21	11	3	12	290.20	7.83	14.78	39.22	999.00	286.80	8.11	14.67	39.86	295.40	5.96	21.04	42.27	999.00	-3.34	999.00	-2.76	0.00
21	11	3	13	288.20	8.66	13.98	40.32	999.00	287.00	8.54	15.39	40.89	288.60	6.43	19.40	43.17	999.00	-2.18	999.00	-1.63	0.00
21	11	3	14	315.60	8.07	12.05	40.77	999.00	316.30	7.51	13.73	41.32	323.70	4.89	24.06	43.10	999.00	-2.03	999.00	-1.46	0.00
21	11	3	15	307.00	10.20	8.90	41.60	999.00	306.20	9.87	10.52	42.13	313.20	7.36	13.98	44.03	999.00	-2.41	999.00	-1.84	0.00
21	11	3	16	306.10	8.10	6.94	42.10	999.00	304.10	8.03	7.50	42.66	306.90	5.16	12.78	44.66	999.00	-2.05	999.00	-1.51	0.00

21	11	3	17	308.70	7.14	6.39	42.11	999.00	304.70	6.84	8.72	42.68	303.80	4.68	21.06	44.11	999.00	-2.04	999.00	-1.47	0.00
21	11	3	18	289.80	3.18	18.33	42.27	999.00	276.00	2.61	19.61	42.81	219.40	1.92	17.65	43.69	999.00	-1.23	999.00	-0.71	0.00
21	11	3	19	254.00	2.06	26.59	42.16	999.00	234.80	0.44	34.25	42.67	189.70	2.68	19.72	43.32	999.00	-0.81	999.00	-0.33	0.00
21	11	3	20	164.30	6.84	3.43	41.93	999.00	160.80	7.21	3.04	42.16	159.80	1.72	14.68	41.19	999.00	1.23	999.00	1.56	0.00
21	11	3	21	157.10	8.43	0.78	41.97	999.00	154.50	9.07	1.08	42.31	171.80	1.65	10.68	40.53	999.00	1.33	999.00	1.68	0.00
21	11	3	22	156.10	10.03	1.64	41.82	999.00	150.00	11.14	1.33	42.16	161.20	2.16	14.86	40.06	999.00	1.90	999.00	2.19	0.00
21	11	3	23	155.70	13.35	0.55	41.63	999.00	152.60	12.86	1.08	41.53	169.80	3.38	15.83	39.98	999.00	1.65	999.00	1.37	0.00
21	11	3	24	163.60	15.00	1.03	41.20	999.00	161.00	11.33	1.51	40.28	179.80	2.94	15.93	39.58	999.00	1.46	999.00	0.33	0.00
21	11	4	1	174.40	13.83	2.32	39.24	999.00	170.10	10.12	3.74	38.79	170.20	1.31	17.01	38.70	999.00	0.37	999.00	0.10	0.00
21	11	4	2	185.10	17.06	1.19	38.13	999.00	183.20	12.54	2.17	37.43	195.90	3.25	10.86	36.92	999.00	1.82	999.00	0.72	0.00
21	11	4	3	196.80	15.23	3.74	37.98	999.00	193.50	11.49	4.08	36.75	202.00	2.66	29.31	35.42	999.00	2.22	999.00	1.34	0.00
21	11	4	4	226.40	11.78	5.90	35.88	999.00	226.20	8.83	4.94	35.40	207.30	3.14	18.51	34.65	999.00	1.83	999.00	1.19	0.00
21	11	4	5	226.50	12.82	4.46	37.59	999.00	215.10	12.46	3.39	37.28	205.50	3.94	17.20	33.78	999.00	3.66	999.00	3.88	0.00
21	11	4	6	243.20	10.27	5.09	36.62	999.00	220.80	9.86	3.61	35.99	201.10	4.28	14.05	34.23	999.00	1.92	999.00	0.93	0.00
21	11	4	7	263.80	10.63	4.48	36.62	999.00	241.30	8.73	7.09	35.35	219.20	4.93	9.31	34.49	999.00	1.36	999.00	0.04	0.00
21	11	4	8	285.70	7.80	4.68	37.62	999.00	254.80	6.90	7.52	36.51	201.60	3.91	12.65	34.52	999.00	3.53	999.00	1.87	0.00
21	11	4	9	276.70	9.03	3.05	38.58	999.00	266.90	7.57	4.62	37.32	237.60	4.74	10.05	35.20	999.00	2.98	999.00	2.17	0.00
21	11	4	10	278.30	11.13	6.14	38.14	999.00	265.70	8.83	7.15	37.03	260.20	5.72	12.00	36.41	999.00	-0.19	999.00	-0.84	0.00
21	11	4	11	286.90	10.45	3.95	37.48	999.00	280.00	8.77	4.62	37.09	266.40	4.85	11.53	37.63	999.00	0.35	999.00	0.22	0.00
21	11	4	12	296.80	9.99	7.52	39.57	999.00	293.70	10.07	8.15	40.16	293.50	7.72	16.15	42.46	999.00	-3.27	999.00	-2.76	0.00
21	11	4	13	321.90	9.39	8.87	40.44	999.00	319.00	9.13	10.60	40.98	326.80	7.48	19.57	43.11	999.00	-2.36	999.00	-1.77	0.00
21	11	4	14	331.90	9.58	8.44	40.44	999.00	329.50	9.36	10.83	40.98	333.20	8.25	14.77	43.11	999.00	-2.30	999.00	-1.76	0.00
21	11	4	15	337.30	8.39	11.05	41.75	999.00	339.00	7.62	11.97	42.16	348.20	7.11	16.20	43.55	999.00	-1.81	999.00	-1.35	0.00
21	11	4	16	342.50	5.88	12.25	41.59	999.00	342.00	5.69	10.91	42.11	347.30	4.99	11.40	43.32	999.00	-1.74	999.00	-1.24	0.00
21	11	4	17	9.66	2.51	25.07	41.83	999.00	12.93	1.36	28.24	42.37	44.75	2.19	59.48	43.45	999.00	-1.47	999.00	-0.88	0.00
21	11	4	18	113.70	1.83	23.49	41.80	999.00	112.10	0.32	20.73	42.38	110.40	1.91	10.03	43.42	999.00	-1.55	999.00	-0.97	0.00
21	11	4	19	170.20	2.48	7.73	41.62	999.00	166.90	2.61	5.38	42.01	182.20	2.67	7.78	42.83	999.00	-0.85	999.00	-0.72	0.00
21	11	4	20	227.50	6.07	7.71	41.64	999.00	212.80	6.29	5.12	41.92	203.20	4.00	9.27	41.61	999.00	0.44	999.00	0.85	0.00
21	11	4	21	237.80	6.58	6.09	41.53	999.00	221.00	6.36	4.05	41.36	155.30	1.71	63.34	40.90	999.00	0.95	999.00	0.91	0.00
21	11	4	22	246.50	6.95	4.21	41.46	999.00	227.90	5.85	3.12	41.17	162.80	0.27	20.73	39.89	999.00	1.70	999.00	0.93	0.00
21	11	4	23	236.40	5.99	4.37	41.05	999.00	215.30	6.98	2.39	40.77	164.70	1.14	59.11	38.71	999.00	2.64	999.00	2.77	0.00
21	11	4	24	269.40	5.11	10.17	41.05	999.00	243.80	5.71	4.66	40.77	186.70	1.01	11.72	38.71	999.00	3.98	999.00	4.22	0.00
21	11	5	1	244.00	6.65	2.69	40.84	999.00	227.60	8.40	2.56	40.99	204.00	2.80	11.17	36.63	999.00	4.20	999.00	4.28	0.00
21	11	5	2	236.90	8.05	1.73	40.62	999.00	226.20	9.41	1.33	40.85	205.40	2.77	13.04	36.06	999.00	4.49	999.00	4.68	0.00
21	11	5	3	245.40	8.41	0.71	40.47	999.00	234.00	9.72	1.48	40.55	210.20	1.24	19.37	35.58	999.00	5.01	999.00	4.99	0.00
21	11	5	4	254.00	6.42	3.60	40.44	999.00	240.50	8.12	3.89	40.33	199.20	2.54	12.25	35.41	999.00	5.07	999.00	4.92	0.00
21	11	5	5	274.00	6.75	2.12	40.57	999.00	261.00	7.40	0.96	40.31	222.90	2.18	7.96	34.53	999.00	6.01	999.00	5.75	0.00
21	11	5	6	273.60	6.68	1.23	40.65	999.00	263.50	7.94	1.67	40.17	203.40	1.70	9.69	33.74	999.00	7.24	999.00	6.77	0.00
21	11	5	7	251.70	5.84	3.90	40.31	999.00	250.70	6.84	2.46	40.01	190.50	2.76	9.06	32.63	999.00	7.97	999.00	7.93	0.00
21	11	5	8	214.00	4.87	9.73	39.97	999.00	215.60	5.11	8.65	39.88	178.40	3.31	7.04	31.91	999.00	999.00	999.00	7.97	0.00
21	11	5	9	187.70	7.97	1.65	40.33	999.00	187.30	8.05	2.41	40.39	186.00	3.68	10.73	32.47	999.00	7.97	999.00	7.97	0.00
21	11	5	10	197.80	9.06	1.05	41.01	999.00	196.00	9.13	1.28	40.93	214.30	4.24	9.67	33.99	999.00	5.82	999.00	5.67	0.00
21	11	5	11	197.80	9.06	4.82	40.84	999.00	198.80	7.32	5.70	40.49	202.50	4.77	12.38	39.11	999.00	-1.05	999.00	-1.13	0.00
21	11	5	12	191.70	9.50	6.95	41.76	999.00	189.60	9.23	7.47	42.56	190.90	6.29	19.87	43.86	999.00	-2.08	999.00	-1.08	0.00
21	11	5	13	167.00	6.29	21.39	43.73	999.00	158.60	6.23	20.70	44.83	158.70	4.64	27.48	46.14	999.00	-2.40	999.00	-1.29	0.00
21	11	5	14	167.40	5.50	20.77	43.73	999.00	164.30	5.59	19.94	44.83	171.30	4.23	37.73	46.14	999.00	-2.16	999.00	-1.22	0.00

21	11	5	15	106.00	7.50	14.33	45.69	999.00	101.60	7.16	16.05	46.41	101.70	5.12	32.57	47.96	999.00	-2.58	999.00	-2.02	0.00
21	11	5	16	97.30	7.42	10.34	45.67	999.00	90.80	7.38	10.04	46.33	87.50	5.47	19.08	48.13	999.00	-2.35	999.00	-1.73	0.00
21	11	5	17	87.80	8.90	5.96	45.67	999.00	80.30	8.99	5.84	46.33	79.00	5.94	14.44	48.13	999.00	-2.07	999.00	-1.44	0.00
21	11	5	18	93.10	10.15	4.81	45.33	999.00	86.20	9.88	5.25	45.91	92.90	4.56	15.21	46.90	999.00	-1.17	999.00	-0.63	0.00
21	11	5	19	102.10	10.80	3.05	45.19	999.00	97.50	10.24	3.62	45.70	106.90	4.49	10.09	45.88	999.00	-0.48	999.00	0.03	0.00
21	11	5	20	107.20	10.98	2.22	45.03	999.00	104.30	10.24	2.41	45.50	125.20	3.85	11.06	45.16	999.00	0.18	999.00	0.60	0.00
21	11	5	21	115.70	11.62	2.67	44.78	999.00	113.00	11.29	2.87	45.22	144.00	3.28	10.49	43.88	999.00	1.42	999.00	1.89	0.00
21	11	5	22	126.20	12.36	1.70	44.86	999.00	124.30	11.76	2.81	45.26	154.90	2.74	9.12	42.70	999.00	2.79	999.00	3.08	0.00
21	11	5	23	137.10	17.08	0.47	44.55	999.00	137.70	15.17	1.20	43.79	160.60	3.02	14.33	40.51	999.00	4.45	999.00	3.00	0.00
21	11	5	24	142.80	16.06	0.37	44.09	999.00	136.60	14.91	0.68	42.52	157.90	2.04	12.31	39.48	999.00	5.20	999.00	3.48	0.00
21	11	6	1	171.20	16.58	2.48	43.66	999.00	160.50	14.31	2.03	42.48	155.20	3.21	11.73	38.83	999.00	4.17	999.00	3.42	0.00
21	11	6	2	178.90	16.78	1.43	44.03	999.00	171.40	15.90	1.39	41.29	172.30	2.62	15.17	38.03	999.00	7.17	999.00	4.02	0.00
21	11	6	3	190.20	14.76	1.51	43.63	999.00	185.20	14.28	0.88	42.32	180.10	1.84	11.14	36.77	999.00	6.18	999.00	5.53	0.00
21	11	6	4	180.80	19.74	0.58	42.46	999.00	173.70	15.66	0.80	40.58	167.40	1.31	12.00	35.87	999.00	7.19	999.00	4.73	0.00
21	11	6	5	184.00	19.58	0.56	42.46	999.00	178.00	14.92	0.76	40.58	183.60	2.40	8.66	35.87	999.00	6.69	999.00	4.90	0.00
21	11	6	6	185.50	17.32	0.91	40.51	999.00	180.10	14.41	0.91	38.95	173.60	1.89	9.66	34.77	999.00	5.29	999.00	3.69	0.00
21	11	6	7	186.20	19.60	0.67	40.26	999.00	183.60	16.48	1.26	38.36	177.70	3.85	9.82	34.38	999.00	5.98	999.00	3.97	0.00
21	11	6	8	183.40	20.41	0.57	39.85	999.00	178.50	16.87	0.80	37.59	169.00	3.10	11.84	33.79	999.00	5.99	999.00	3.64	0.00
21	11	6	9	190.90	20.88	1.90	39.56	999.00	182.20	15.64	1.94	37.18	186.10	3.63	13.47	33.64	999.00	6.34	999.00	2.99	0.00
21	11	6	10	193.40	15.70	3.58	39.27	999.00	187.90	10.63	6.81	37.10	197.90	3.91	16.03	35.77	999.00	0.73	999.00	0.06	0.00
21	11	6	11	182.80	12.08	6.20	39.14	999.00	180.40	10.12	7.37	40.07	190.90	6.29	17.19	40.31	999.00	-1.64	999.00	-0.41	0.00
21	11	6	12	203.70	10.26	9.18	43.09	999.00	200.60	9.66	11.55	43.76	212.30	7.25	17.77	45.31	999.00	-2.44	999.00	-1.81	0.00
21	11	6	13	212.70	10.12	11.85	46.14	999.00	211.20	9.89	13.18	46.67	218.60	7.40	22.29	48.67	999.00	-2.51	999.00	-2.06	0.00
21	11	6	14	199.00	10.03	18.47	48.11	999.00	196.10	9.54	20.60	48.64	204.20	7.06	25.35	50.78	999.00	-2.89	999.00	-2.30	0.00
21	11	6	15	185.50	13.00	10.41	49.67	999.00	183.50	12.71	11.83	50.35	192.50	8.29	18.69	52.12	999.00	-2.36	999.00	-1.79	0.00
21	11	6	16	189.60	13.71	8.58	50.90	999.00	186.90	13.04	9.83	51.40	191.00	7.94	17.97	53.23	999.00	-2.24	999.00	-1.67	0.00
21	11	6	17	201.00	12.59	8.93	51.58	999.00	198.70	12.22	10.96	52.10	203.60	7.11	16.32	53.56	999.00	-1.73	999.00	-1.28	0.00
21	11	6	18	191.40	11.42	3.14	51.88	999.00	187.60	10.47	3.60	52.33	186.40	4.80	12.38	53.10	999.00	-0.78	999.00	-0.34	0.00
21	11	6	19	185.70	13.47	1.30	51.34	999.00	179.50	11.66	1.37	51.51	176.00	2.47	8.49	50.35	999.00	1.92	999.00	1.90	0.00
21	11	6	20	179.80	17.11	1.10	51.09	999.00	171.20	14.33	1.72	50.74	160.00	3.10	10.66	47.89	999.00	3.78	999.00	3.13	0.00
21	11	6	21	191.50	18.58	3.29	51.24	999.00	184.80	15.82	3.32	50.47	202.30	3.67	13.36	46.54	999.00	4.76	999.00	3.89	0.00
21	11	6	22	209.20	19.00	0.88	50.46	999.00	199.10	16.02	0.96	49.17	183.70	2.91	10.52	44.96	999.00	6.54	999.00	4.87	0.00
21	11	6	23	215.10	15.49	0.94	50.46	999.00	198.00	15.12	1.52	49.17	179.70	3.92	8.98	44.96	999.00	6.79	999.00	4.74	0.00
21	11	6	24	210.70	18.27	2.27	49.25	999.00	194.60	16.28	3.16	47.09	188.70	3.54	10.84	42.76	999.00	6.91	999.00	4.75	0.00
21	11	7	1	223.30	19.99	1.99	46.22	999.00	209.50	16.82	2.21	44.74	191.90	5.56	8.64	41.15	999.00	6.03	999.00	4.47	0.00
21	11	7	2	227.20	17.48	1.00	47.61	999.00	211.10	17.59	1.59	45.13	192.70	5.62	9.57	40.58	999.00	7.96	999.00	4.55	0.00
21	11	7	3	229.30	20.11	1.16	47.68	999.00	214.00	17.16	1.84	44.59	190.20	5.84	8.87	39.91	999.00	7.26	999.00	4.43	0.00
21	11	7	4	229.60	20.47	0.93	46.54	999.00	215.40	17.49	1.32	44.22	196.70	4.74	9.01	39.19	999.00	7.30	999.00	5.03	0.00
21	11	7	5	225.60	21.02	1.87	45.88	999.00	209.50	18.36	1.79	43.56	189.70	5.77	9.67	38.96	999.00	7.29	999.00	4.75	0.00
21	11	7	6	226.00	21.36	0.99	45.45	999.00	210.40	18.04	1.58	42.67	190.60	5.53	9.69	38.55	999.00	7.27	999.00	4.10	0.00
21	11	7	7	217.80	22.24	1.65	45.40	999.00	200.60	18.66	2.06	41.85	192.10	6.41	10.93	37.95	999.00	6.99	999.00	3.67	0.00
21	11	7	8	215.30	22.14	1.30	44.47	999.00	201.80	16.47	2.91	40.96	198.20	5.56	10.09	38.40	999.00	4.86	999.00	1.75	0.00
21	11	7	9	219.70	17.01	3.99	42.33	999.00	212.00	13.11	5.93	40.85	210.30	6.96	13.48	40.64	999.00	-0.32	999.00	-0.73	0.00
21	11	7	10	218.60	13.25	5.73	44.25	999.00	214.40	12.11	6.26	44.51	214.50	8.12	12.16	45.76	999.00	-1.79	999.00	-1.38	0.00
21	11	7	11	217.20	10.99	5.03	48.69	999.00	215.20	10.77	5.87	49.08	222.90	8.21	13.58	50.87	999.00	-2.22	999.00	-1.90	0.00
21	11	7	12	226.80	11.99	4.79	51.95	999.00	226.60	11.90	5.25	52.23	233.20	9.84	10.84	54.28	999.00	-2.63	999.00	-2.31	0.00

21	11	7	13	218.10	13.33	5.67	54.70	999.00	217.20	12.97	5.40	54.95	225.70	9.85	10.70	56.98	999.00	-2.34	999.00	-2.12	0.00
21	11	7	14	218.40	14.97	5.12	54.70	999.00	215.00	14.44	5.92	54.95	220.30	10.45	11.78	56.98	999.00	-2.21	999.00	-2.03	0.00
21	11	7	15	219.50	13.86	4.70	58.96	999.00	217.50	13.59	5.03	59.31	222.80	10.12	10.70	60.89	999.00	-1.82	999.00	-1.49	0.00
21	11	7	16	218.50	13.71	5.50	60.00	999.00	216.10	13.01	5.75	60.43	218.70	8.61	11.00	61.56	999.00	-1.24	999.00	-0.84	0.00
21	11	7	17	215.70	12.95	3.17	60.42	999.00	211.60	11.35	4.03	60.78	208.30	5.06	11.34	61.03	999.00	-0.23	999.00	0.10	0.00
21	11	7	18	219.70	14.19	2.48	60.19	999.00	211.20	13.88	1.33	60.46	208.10	3.68	10.23	58.61	999.00	2.59	999.00	2.81	0.00
21	11	7	19	224.00	17.44	1.35	60.00	999.00	218.00	15.53	1.51	60.02	206.60	4.35	10.43	56.26	999.00	4.18	999.00	3.69	0.00
21	11	7	20	222.80	18.75	2.24	59.30	999.00	213.60	15.33	2.96	58.53	197.60	4.84	10.45	54.97	999.00	4.44	999.00	3.66	0.00
21	11	7	21	222.30	20.13	2.13	58.05	999.00	212.50	16.30	3.08	57.25	205.90	4.17	7.73	53.27	999.00	5.01	999.00	3.97	0.00
21	11	7	22	227.50	21.27	0.78	57.68	999.00	217.30	16.64	1.25	55.60	193.50	4.89	8.02	51.89	999.00	7.56	999.00	4.22	0.00
21	11	7	23	228.30	21.44	1.70	58.50	999.00	216.50	17.33	1.90	55.74	196.60	5.42	10.10	50.66	999.00	7.76	999.00	5.10	0.00
21	11	7	24	223.00	22.46	0.94	56.94	999.00	211.10	17.31	1.39	54.07	206.80	4.96	8.55	49.32	999.00	7.46	999.00	4.33	0.00
21	11	8	1	220.70	21.50	1.76	55.01	999.00	208.30	16.89	2.31	52.52	195.50	4.59	12.64	48.55	999.00	6.33	999.00	4.16	0.00
21	11	8	2	219.90	20.65	1.05	54.16	999.00	208.70	15.49	1.28	51.67	200.50	4.09	9.04	48.14	999.00	5.79	999.00	3.35	0.00
21	11	8	3	220.00	22.66	0.99	53.58	999.00	207.80	16.98	1.65	51.23	191.30	4.41	9.77	47.20	999.00	7.22	999.00	4.45	0.00
21	11	8	4	220.30	22.68	1.06	53.38	999.00	206.60	18.19	1.79	50.52	192.20	4.56	9.21	46.38	999.00	7.11	999.00	4.32	0.00
21	11	8	5	214.40	21.31	1.80	52.14	999.00	199.50	17.46	2.14	49.98	193.90	5.62	10.86	45.95	999.00	5.30	999.00	3.26	0.00
21	11	8	6	212.40	22.24	2.58	50.88	999.00	199.30	19.01	2.24	49.10	183.40	6.06	9.07	45.10	999.00	6.07	999.00	4.46	0.00
21	11	8	7	209.50	23.49	2.01	49.65	999.00	195.70	19.21	2.16	47.92	185.20	5.52	12.06	44.60	999.00	5.54	999.00	3.37	0.00
21	11	8	8	197.70	24.47	2.32	49.75	999.00	185.80	20.45	2.61	47.88	182.40	8.02	11.35	44.68	999.00	4.27	999.00	2.58	0.00
21	11	8	9	195.00	21.62	3.46	48.78	999.00	189.80	18.68	4.35	48.22	197.40	8.60	14.99	47.95	999.00	-0.64	999.00	-0.51	0.00
21	11	8	10	200.00	18.94	6.55	50.58	999.00	195.40	16.90	7.04	51.06	202.40	10.04	14.65	52.21	999.00	-1.89	999.00	-1.37	0.00
21	11	8	11	204.60	20.18	6.44	54.81	999.00	200.90	18.48	6.97	55.24	205.10	11.58	14.44	56.76	999.00	-2.02	999.00	-1.63	0.00
21	11	8	12	218.20	23.60	4.74	59.91	999.00	216.10	22.34	5.01	60.28	218.10	15.06	10.53	61.90	999.00	-1.89	999.00	-1.54	0.00
21	11	8	13	217.00	26.06	4.51	62.66	999.00	215.10	24.68	5.23	62.98	220.60	17.69	10.68	64.51	999.00	-1.80	999.00	-1.51	0.00
21	11	8	14	215.00	22.24	4.66	63.97	999.00	212.30	21.06	5.50	64.23	217.50	13.14	12.46	65.78	999.00	-1.98	999.00	-1.75	0.00
21	11	8	15	215.00	22.40	5.61	64.68	999.00	212.70	20.50	6.68	65.05	217.90	13.07	10.31	66.22	999.00	-1.57	999.00	-1.21	0.00
21	11	8	16	214.20	19.44	5.50	65.60	999.00	211.90	17.87	6.15	66.02	216.40	10.98	10.46	66.82	999.00	-0.87	999.00	-0.48	0.00
21	11	8	17	213.80	19.35	3.16	66.04	999.00	211.10	17.22	3.97	66.35	214.10	8.67	10.17	66.49	999.00	0.09	999.00	0.38	0.00
21	11	8	18	212.80	19.99	2.75	64.81	999.00	208.20	17.36	2.81	64.96	197.60	5.92	12.88	63.18	999.00	2.58	999.00	2.56	0.00
21	11	8	19	209.20	18.76	1.63	63.73	999.00	201.30	15.61	2.58	63.39	201.50	3.63	10.81	60.49	999.00	3.68	999.00	3.17	0.00
21	11	8	20	216.20	19.22	0.84	62.11	999.00	213.00	15.59	1.29	61.51	207.60	3.53	8.02	58.16	999.00	3.98	999.00	3.35	0.00
21	11	8	21	221.10	19.30	1.90	60.39	999.00	213.60	15.31	2.30	59.62	207.00	3.97	8.41	56.13	999.00	4.50	999.00	3.62	0.00
21	11	8	22	221.80	21.77	1.13	59.22	999.00	215.40	17.36	1.95	58.25	202.90	4.68	9.95	54.33	999.00	5.00	999.00	3.93	0.00
21	11	8	23	227.90	19.79	1.64	57.46	999.00	220.00	15.14	2.10	56.50	213.30	4.71	5.68	53.04	999.00	3.98	999.00	3.05	0.00
21	11	8	24	234.00	23.39	1.49	56.75	999.00	227.90	17.52	2.30	55.47	207.20	5.19	10.22	52.03	999.00	5.49	999.00	4.00	0.00
21	11	9	1	234.90	23.89	1.09	56.72	999.00	229.00	17.98	2.04	55.31	208.80	4.99	9.89	51.38	999.00	5.25	999.00	3.83	0.00
21	11	9	2	224.20	18.80	1.37	55.32	999.00	213.80	15.46	2.04	54.06	198.20	5.08	11.54	50.94	999.00	3.52	999.00	2.58	0.00
21	11	9	3	230.50	19.06	1.96	54.25	999.00	217.90	15.23	2.06	52.82	196.20	4.56	10.11	50.06	999.00	4.68	999.00	2.94	0.00
21	11	9	4	236.70	17.98	1.15	54.59	999.00	223.50	14.17	1.11	52.62	206.20	3.81	8.94	49.44	999.00	4.99	999.00	3.15	0.00
21	11	9	5	240.20	13.38	3.65	51.62	999.00	238.40	10.71	3.15	51.05	250.50	2.95	10.81	47.84	999.00	3.67	999.00	3.40	0.00
21	11	9	6	246.30	13.08	1.22	50.83	999.00	243.80	10.62	2.62	50.41	215.50	2.69	11.74	47.07	999.00	4.49	999.00	4.06	0.00
21	11	9	7	262.00	15.35	1.70	50.45	999.00	249.10	13.94	1.53	49.85	215.70	3.18	10.54	45.79	999.00	4.27	999.00	3.68	0.00
21	11	9	8	286.70	7.30	6.07	49.93	999.00	258.20	8.42	5.87	48.99	201.60	3.98	10.06	45.63	999.00	4.06	999.00	3.45	0.00
21	11	9	9	325.40	3.94	11.84	49.93	999.00	274.40	4.15	6.81	48.99	215.20	2.38	17.62	45.63	999.00	1.14	999.00	0.33	0.00
21	11	9	10	356.50	2.46	18.12	49.41	999.00	312.10	2.09	33.42	48.69	293.80	1.74	78.60	46.87	999.00	-0.50	999.00	-1.05	0.00

21	11	9	11	67.02	4.02	14.07	51.84	999.00	56.35	4.15	11.35	52.62	59.68	3.80	24.36	53.24	999.00	-0.72	999.00	-0.12	0.00
21	11	9	12	118.50	4.41	20.02	52.24	999.00	107.60	4.07	17.44	52.94	104.20	3.45	25.53	53.77	999.00	-2.05	999.00	-1.05	0.00
21	11	9	13	70.90	4.45	10.08	53.23	999.00	57.88	4.81	10.91	53.75	29.67	5.07	11.59	54.58	999.00	-1.46	999.00	-0.75	0.00
21	11	9	14	16.59	3.16	9.36	54.61	999.00	19.30	2.87	11.40	54.43	8.41	4.39	19.24	54.88	999.00	0.75	999.00	0.09	0.00
21	11	9	15	356.00	7.37	6.02	53.89	999.00	354.10	7.55	5.43	52.76	355.90	7.57	6.03	53.01	999.00	-0.12	999.00	-0.34	0.00
21	11	9	16	1.34	7.16	7.66	53.04	999.00	7.48	5.46	9.55	53.00	11.27	5.33	11.43	52.85	999.00	0.78	999.00	0.68	0.00
21	11	9	17	10.82	10.30	11.02	53.18	999.00	9.99	7.56	13.17	53.12	359.30	5.58	15.13	53.07	999.00	-0.58	999.00	-0.55	0.00
21	11	9	18	12.89	12.41	5.87	53.03	999.00	6.23	10.79	7.62	53.21	354.10	6.76	17.02	53.18	999.00	-0.51	999.00	-0.29	0.00
21	11	9	19	359.50	13.45	9.38	52.96	999.00	355.70	11.54	9.62	53.19	358.10	8.49	9.96	53.54	999.00	-1.07	999.00	-0.74	0.00
21	11	9	20	15.32	18.31	5.20	51.40	999.00	13.02	14.00	6.76	51.75	17.43	11.29	10.88	52.58	999.00	-1.28	999.00	-0.84	0.00
21	11	9	21	23.04	14.50	5.24	48.86	999.00	19.21	11.38	5.71	49.34	25.00	10.56	10.45	50.42	999.00	-1.68	999.00	-1.15	0.00
21	11	9	22	29.71	8.39	9.71	48.25	999.00	26.17	7.60	9.66	48.79	22.98	8.45	10.20	49.88	999.00	-1.60	999.00	-1.07	0.00
21	11	9	23	25.19	4.96	24.98	48.50	999.00	19.74	4.30	25.48	49.02	14.30	3.65	40.01	49.95	999.00	-1.48	999.00	-0.96	0.00
21	11	9	24	349.80	9.95	4.04	48.53	999.00	347.50	9.31	5.61	49.08	348.30	7.10	8.72	50.08	999.00	-1.54	999.00	-1.00	0.00
21	11	10	1	345.80	6.80	9.84	48.13	999.00	346.00	6.47	12.74	48.69	356.90	3.26	19.31	49.35	999.00	-1.04	999.00	-0.50	0.00
21	11	10	2	345.00	6.27	6.75	47.85	999.00	340.30	6.16	5.42	48.35	317.90	2.54	18.83	48.47	999.00	-0.55	999.00	-0.05	0.00
21	11	10	3	353.90	7.18	8.67	47.81	999.00	352.60	6.06	10.43	48.19	11.78	2.98	14.84	47.54	999.00	-0.88	999.00	-0.40	0.00
21	11	10	4	344.50	5.03	4.30	47.83	999.00	344.20	4.52	4.60	48.36	304.50	2.02	9.08	48.14	999.00	0.04	999.00	0.62	0.00
21	11	10	5	315.20	9.11	1.68	47.58	999.00	306.60	8.49	2.33	47.92	351.80	1.20	35.47	45.69	999.00	3.25	999.00	3.51	0.00
21	11	10	6	17.70	10.83	7.46	47.22	999.00	16.19	8.49	7.85	47.40	20.41	7.42	11.62	46.46	999.00	-0.89	999.00	-0.61	0.00
21	11	10	7	54.82	7.02	4.23	47.01	999.00	51.31	6.80	4.26	47.46	172.60	1.78	65.37	47.52	999.00	0.94	999.00	1.48	0.00
21	11	10	8	52.41	6.82	3.80	46.79	999.00	57.75	6.26	3.44	47.19	222.80	3.62	9.84	43.21	999.00	7.98	999.00	7.97	0.00
21	11	10	9	68.89	7.50	2.20	46.79	999.00	75.50	6.80	2.92	47.19	186.20	1.49	22.50	43.21	999.00	7.91	999.00	7.97	0.00
21	11	10	10	78.50	7.75	6.17	47.07	999.00	90.20	5.82	10.53	47.51	136.50	2.74	19.79	38.99	999.00	-1.66	999.00	-0.01	0.00
21	11	10	11	79.30	6.02	11.71	48.81	999.00	87.90	6.52	12.24	49.08	68.79	5.39	19.64	51.62	999.00	-2.75	999.00	-0.01	0.00
21	11	10	12	78.20	10.41	5.57	50.04	999.00	83.40	10.08	6.44	49.98	70.80	8.14	12.65	52.57	999.00	-2.53	999.00	0.09	0.00
21	11	10	13	61.02	8.08	9.14	49.96	999.00	67.15	7.41	8.58	50.62	50.17	6.93	13.04	52.76	999.00	-3.21	999.00	-0.01	0.00
21	11	10	14	69.26	9.60	7.20	50.41	999.00	74.00	10.06	8.25	50.81	54.14	9.43	9.53	53.20	999.00	-2.52	999.00	-0.01	0.00
21	11	10	15	71.10	13.70	4.47	50.20	999.00	76.30	12.43	7.16	50.63	61.42	9.02	10.98	52.72	999.00	-2.36	999.00	-1.53	0.00
21	11	10	16	78.70	14.05	2.81	50.20	999.00	84.60	12.78	4.53	50.63	72.10	7.41	12.69	52.72	999.00	-1.86	999.00	-1.22	0.00
21	11	10	17	85.50	19.33	1.88	50.37	999.00	94.70	17.13	3.49	50.73	84.40	7.82	13.01	51.63	999.00	-0.88	999.00	-0.55	0.00
21	11	10	18	84.10	18.71	1.98	50.56	999.00	92.80	15.91	3.53	50.84	83.60	6.91	12.72	51.11	999.00	-0.32	999.00	-0.22	0.00
21	11	10	19	84.50	19.23	1.66	51.00	999.00	92.70	16.18	3.11	51.23	81.40	6.66	13.08	51.24	999.00	-0.20	999.00	-0.14	0.00
21	11	10	20	88.50	21.18	1.15	51.19	999.00	96.20	18.94	2.54	51.37	85.90	8.08	12.24	51.38	999.00	-0.22	999.00	-0.11	0.00
21	11	10	21	95.90	23.49	2.27	51.00	999.00	104.30	20.58	4.58	51.18	94.20	8.70	14.27	51.26	999.00	-0.27	999.00	-0.30	0.00
21	11	10	22	106.50	18.84	3.14	51.16	999.00	116.10	16.19	4.70	51.38	108.00	7.12	13.85	51.63	999.00	-0.38	999.00	-0.30	0.00
21	11	10	23	117.50	19.46	3.14	51.53	999.00	123.50	15.81	3.05	51.47	109.50	6.86	13.38	51.38	999.00	0.22	999.00	-0.12	0.00
21	11	10	24	116.90	18.26	2.33	51.93	999.00	122.10	15.50	3.10	51.80	106.60	7.11	13.16	51.85	999.00	-0.15	999.00	-0.30	0.00
21	11	11	1	114.10	20.40	3.10	51.69	999.00	118.30	17.33	3.82	51.58	102.00	8.51	12.80	51.87	999.00	-0.35	999.00	-0.43	0.00
21	11	11	2	119.30	19.27	2.70	51.83	999.00	120.70	16.15	3.40	51.78	105.40	7.28	12.50	51.89	999.00	0.19	999.00	-0.08	0.00
21	11	11	3	127.80	19.36	1.97	51.87	999.00	129.90	17.34	2.40	51.71	116.70	6.70	13.11	51.36	999.00	0.73	999.00	0.30	0.00
21	11	11	4	132.70	19.05	2.45	51.71	999.00	136.40	16.51	3.42	51.57	123.70	5.54	13.65	50.75	999.00	1.12	999.00	0.77	0.00
21	11	11	5	138.30	20.10	3.26	51.92	999.00	145.40	16.85	4.80	51.58	127.20	6.05	13.45	50.55	999.00	1.13	999.00	0.62	0.00
21	11	11	6	144.40	23.04	3.79	51.66	999.00	149.60	18.48	5.58	51.40	131.40	7.51	14.56	50.99	999.00	0.67	999.00	0.17	0.00
21	11	11	7	154.90	23.39	3.85	51.93	999.00	161.20	18.47	5.19	51.37	151.40	6.69	16.93	51.08	999.00	1.04	999.00	0.24	0.00
21	11	11	8	161.30	22.55	3.44	52.38	999.00	165.00	18.59	4.75	52.11	150.40	7.09	16.34	51.84	999.00	0.45	999.00	0.10	0.00

21	11	11	9	163.90	21.92	3.43	53.23	999.00	169.00	18.24	4.57	53.01	154.30	7.20	16.03	52.93	999.00	0.09	999.00	-0.11	0.00
21	11	11	10	162.10	20.05	4.80	54.66	999.00	167.50	18.01	5.85	54.77	155.30	8.46	17.60	55.46	999.00	-1.36	999.00	-0.75	0.00
21	11	11	11	165.00	19.71	7.04	57.61	999.00	170.70	18.13	7.29	58.02	160.60	9.14	19.40	59.42	999.00	-2.41	999.00	-1.10	0.00
21	11	11	12	172.10	25.51	6.67	62.31	999.00	179.10	23.88	7.28	62.82	172.00	13.54	16.91	64.78	999.00	-2.15	999.00	-0.97	0.00
21	11	11	13	186.30	30.54	6.55	64.67	999.00	193.60	29.37	7.25	65.09	185.40	16.46	14.61	66.48	999.00	-1.69	999.00	-0.94	0.00
21	11	11	14	178.60	31.51	5.81	65.40	999.00	185.80	29.48	6.56	65.64	178.10	16.92	15.31	67.32	999.00	-1.63	999.00	-0.99	0.00
21	11	11	15	184.80	32.50	6.99	66.29	999.00	193.20	30.11	7.56	66.63	186.30	16.89	14.77	67.72	999.00	-1.05	999.00	-0.59	0.00
21	11	11	16	211.40	29.61	4.97	66.29	999.00	216.70	27.41	5.56	66.63	209.20	16.17	12.14	67.72	999.00	-1.17	999.00	-0.65	0.00
21	11	11	17	201.00	23.88	5.20	56.29	999.00	208.30	21.66	4.90	57.29	199.10	11.17	13.52	56.72	999.00	-0.58	999.00	-0.93	0.04
21	11	11	18	185.30	22.93	4.78	54.96	999.00	193.30	20.45	5.64	56.02	181.50	10.54	14.28	55.53	999.00	-0.55	999.00	0.06	0.09
21	11	11	19	174.50	19.75	5.08	54.61	999.00	180.50	17.19	5.56	55.32	168.80	7.41	15.85	54.96	999.00	-0.47	999.00	-0.26	0.07
21	11	11	20	257.10	20.85	6.57	49.50	999.00	261.70	18.80	7.13	49.85	250.00	11.69	10.25	50.54	999.00	-1.00	999.00	-0.66	0.09
21	11	11	21	240.80	12.10	4.91	47.54	999.00	244.40	10.94	5.49	47.99	226.60	6.90	10.68	48.49	999.00	-0.98	999.00	-0.82	0.05
21	11	11	22	230.20	16.67	4.88	47.17	999.00	233.20	14.71	4.98	47.62	217.80	8.01	10.71	48.05	999.00	-0.64	999.00	-0.63	0.07
21	11	11	23	242.50	21.62	4.36	47.51	999.00	246.60	19.79	4.86	47.90	237.60	12.51	8.77	47.80	999.00	-0.25	999.00	-0.35	0.00
21	11	11	24	239.30	20.53	4.22	46.27	999.00	242.50	18.98	3.64	46.57	229.30	12.13	8.08	46.70	999.00	-0.38	999.00	-0.44	0.00
21	11	12	1	228.70	19.16	3.42	44.39	999.00	232.10	16.88	3.96	45.10	216.80	8.32	10.39	45.09	999.00	-0.56	999.00	-0.27	0.00
21	11	12	2	230.70	19.93	3.22	44.26	999.00	234.70	17.58	3.88	43.99	220.70	9.61	9.29	43.82	999.00	0.36	999.00	-0.22	0.00
21	11	12	3	224.90	19.48	2.71	43.56	999.00	228.40	16.91	3.74	43.24	215.60	8.63	10.59	43.02	999.00	0.63	999.00	-0.53	0.00
21	11	12	4	210.40	18.19	2.60	42.96	999.00	212.00	15.29	3.42	42.49	191.50	6.05	12.11	41.89	999.00	1.45	999.00	0.31	0.00
21	11	12	5	202.00	20.67	2.35	42.26	999.00	205.90	17.24	3.01	41.65	193.60	6.90	12.88	40.95	999.00	1.13	999.00	-0.03	0.00
21	11	12	6	195.80	21.50	3.58	42.04	999.00	200.90	17.66	4.41	41.30	188.70	7.62	13.16	40.94	999.00	0.39	999.00	-0.14	0.00
21	11	12	7	193.70	22.07	3.30	41.40	999.00	200.00	19.04	3.93	40.99	188.20	9.12	12.45	41.37	999.00	-0.22	999.00	-0.39	0.00
21	11	12	8	184.00	19.48	3.16	41.19	999.00	189.10	16.77	3.88	40.90	175.20	7.36	11.82	41.29	999.00	-0.09	999.00	0.10	0.00
21	11	12	9	189.60	21.34	4.53	42.29	999.00	182.30	19.38	5.43	42.06	179.60	9.94	13.73	43.81	999.00	-1.43	999.00	-0.61	0.00
21	11	12	10	188.00	20.38	5.10	43.48	999.00	181.70	19.32	6.11	44.38	179.20	10.73	13.07	45.14	999.00	-1.92	999.00	-0.86	0.00
21	11	12	11	190.50	22.73	6.01	43.48	999.00	184.70	21.74	7.17	44.38	182.70	13.21	14.32	45.14	999.00	-2.28	999.00	-1.19	0.00
21	11	12	12	192.60	26.67	6.93	48.24	999.00	186.10	25.39	7.22	49.19	183.80	14.40	15.05	50.43	999.00	-2.30	999.00	-1.36	0.00
21	11	12	13	200.80	29.05	6.94	50.22	999.00	194.30	28.12	7.58	50.99	191.30	15.34	15.45	52.41	999.00	-2.18	999.00	-1.53	0.00
21	11	12	14	215.30	33.00	9.65	51.62	999.00	208.70	30.98	10.64	52.13	202.00	19.21	14.99	53.72	999.00	-1.79	999.00	-1.29	0.00
21	11	12	15	231.60	29.02	5.24	50.45	999.00	226.00	27.32	5.66	50.97	219.30	18.24	9.64	51.79	999.00	-1.38	999.00	-0.88	0.00
21	11	12	16	244.20	26.78	6.13	48.38	999.00	239.30	25.54	6.70	48.95	232.10	17.56	10.37	49.91	999.00	-1.68	999.00	-1.11	0.00
21	11	12	17	248.10	23.95	4.68	46.22	999.00	242.80	22.25	5.89	46.77	235.20	14.83	10.12	47.68	999.00	-1.44	999.00	-0.90	0.00
21	11	12	18	250.60	23.60	5.64	46.22	999.00	246.30	22.11	6.37	46.77	241.00	15.07	10.90	47.68	999.00	-1.44	999.00	-0.90	0.00
21	11	12	19	239.10	19.03	5.33	43.52	999.00	233.60	17.85	5.35	44.06	227.30	11.86	8.61	44.95	999.00	-1.41	999.00	-0.87	0.00
21	11	12	20	240.20	22.60	4.72	42.44	999.00	235.20	21.25	5.08	42.99	228.90	14.80	9.86	43.88	999.00	-1.50	999.00	-0.93	0.00
21	11	12	21	232.70	27.49	5.08	42.44	999.00	227.70	26.31	5.57	42.99	219.80	17.85	10.60	43.88	999.00	-1.64	999.00	-1.08	0.00
21	11	12	22	232.90	24.77	4.00	38.13	999.00	227.30	23.85	4.72	38.71	218.70	17.72	9.19	39.83	999.00	-1.78	999.00	-1.17	0.00
21	11	12	23	236.60	16.36	5.55	35.55	999.00	231.30	15.31	6.18	36.13	224.50	10.32	11.26	37.32	999.00	-1.57	999.00	-1.05	0.00
21	11	12	24	224.00	19.56	5.20	35.02	999.00	217.70	18.18	6.09	35.53	210.70	11.88	9.58	36.56	999.00	-1.59	999.00	-1.04	0.00
21	11	13	1	224.60	21.39	5.18	34.85	999.00	219.10	20.04	5.52	35.40	211.40	13.31	10.44	36.48	999.00	-1.63	999.00	-1.08	0.00
21	11	13	2	236.80	23.36	5.68	34.48	999.00	231.70	22.52	5.91	35.08	226.10	16.82	9.14	36.26	999.00	-1.80	999.00	-1.20	0.00
21	11	13	3	236.50	22.89	4.59	33.65	999.00	230.90	21.80	5.05	34.24	221.90	16.47	8.83	35.38	999.00	-1.66	999.00	-1.10	0.00
21	11	13	4	236.70	19.52	4.74	33.36	999.00	232.00	17.84	4.96	33.89	225.60	12.77	9.66	34.80	999.00	-1.42	999.00	-0.91	0.00
21	11	13	5	230.80	22.03	4.71	33.92	999.00	224.30	20.58	5.70	34.46	215.70	15.11	8.21	35.53	999.00	-1.72	999.00	-1.15	0.00
21	11	13	6	226.70	21.12	6.10	33.95	999.00	220.50	19.57	6.18	34.51	211.40	12.82	10.83	35.64	999.00	-1.67	999.00	-1.12	0.00

21	11	13	7	233.80	21.53	4.30	33.89	999.00	227.90	20.68	4.63	34.45	217.30	15.15	9.31	35.62	999.00	-1.72	999.00	-1.15	0.00
21	11	13	8	235.50	20.07	5.63	33.05	999.00	229.40	18.52	5.60	33.60	219.20	12.91	9.03	34.69	999.00	-1.64	999.00	-0.99	0.00
21	11	13	9	243.70	21.30	6.07	34.41	999.00	237.40	20.13	6.23	35.14	229.00	14.60	9.17	36.25	999.00	-1.97	999.00	-1.21	0.00
21	11	13	10	250.80	24.70	5.27	35.72	999.00	246.30	22.64	5.99	36.60	235.40	15.45	10.23	37.85	999.00	-2.25	999.00	-1.30	0.00
21	11	13	11	245.70	25.08	4.57	37.27	999.00	241.00	23.63	5.29	38.04	232.30	17.01	10.27	39.53	999.00	-2.06	999.00	-1.51	0.00
21	11	13	12	246.40	28.53	4.61	38.77	999.00	241.70	26.78	5.78	39.34	234.20	19.05	10.13	40.77	999.00	-1.99	999.00	-1.41	0.00
21	11	13	13	250.00	28.93	4.45	38.81	999.00	244.50	27.47	5.41	39.39	235.80	18.18	10.30	40.84	999.00	-1.98	999.00	-1.41	0.00
21	11	13	14	247.20	24.17	5.73	40.00	999.00	242.10	22.59	6.46	40.57	234.40	15.49	12.05	41.83	999.00	-1.77	999.00	-1.20	0.00
21	11	13	15	252.20	30.51	4.34	40.26	999.00	246.80	28.83	5.34	40.83	238.10	18.56	10.89	41.94	999.00	-1.68	999.00	-1.12	0.00
21	11	13	16	263.60	24.20	18.10	39.24	999.00	259.30	23.27	17.97	39.81	254.00	15.92	18.48	40.91	999.00	-1.78	999.00	-1.19	0.00
21	11	13	17	270.10	19.36	5.75	31.63	999.00	264.40	17.58	6.54	31.95	253.60	10.82	10.64	34.44	999.00	-2.26	999.00	-1.83	0.01
21	11	13	18	239.00	23.50	3.93	31.63	999.00	232.30	22.32	4.08	31.95	222.80	15.45	8.64	34.44	999.00	-1.25	999.00	-0.63	0.01
21	11	13	19	238.00	22.96	3.88	34.05	999.00	232.20	21.32	4.18	34.59	223.70	15.11	8.23	35.61	999.00	-1.25	999.00	-0.73	0.00
21	11	13	20	239.80	20.51	4.65	35.91	999.00	234.70	19.43	4.66	36.47	228.00	13.51	8.59	37.29	999.00	-1.59	999.00	-1.03	0.00
21	11	13	21	243.10	20.66	3.81	35.76	999.00	237.50	19.41	4.15	36.19	229.00	13.35	8.87	37.16	999.00	-1.32	999.00	-0.92	0.00
21	11	13	22	240.10	19.93	5.68	35.71	999.00	235.30	18.48	5.76	36.23	229.00	13.02	9.08	37.28	999.00	-1.99	999.00	-1.28	0.00
21	11	13	23	234.60	22.78	4.32	35.71	999.00	228.90	21.51	5.17	36.23	222.00	15.64	9.55	37.28	999.00	-2.17	999.00	-1.36	0.00
21	11	13	24	235.60	21.27	4.85	35.26	999.00	230.10	20.00	4.92	35.65	222.90	14.22	8.30	37.14	999.00	-1.69	999.00	-1.63	0.00
21	11	14	1	233.50	18.15	4.24	35.36	999.00	226.90	17.26	4.63	35.53	217.80	11.81	9.46	36.94	999.00	-1.59	999.00	-1.05	0.00
21	11	14	2	229.00	19.08	4.37	34.96	999.00	223.00	18.13	5.16	35.52	214.20	12.67	9.48	36.60	999.00	-1.63	999.00	-1.07	0.00
21	11	14	3	218.60	18.91	5.41	34.96	999.00	212.50	17.32	6.18	35.52	207.00	10.50	11.69	36.60	999.00	-1.62	999.00	-1.09	0.00
21	11	14	4	229.00	19.51	4.70	33.45	999.00	222.60	18.41	5.37	33.97	214.50	12.48	10.42	35.08	999.00	-1.65	999.00	-1.11	0.00
21	11	14	5	220.30	18.37	4.96	32.97	999.00	213.40	16.20	5.80	33.49	206.30	9.34	11.77	34.61	999.00	-1.51	999.00	-1.06	0.00
21	11	14	6	216.60	17.84	5.21	34.20	999.00	210.90	16.22	6.00	34.69	203.80	8.77	12.69	35.70	999.00	-1.57	999.00	-1.04	0.00
21	11	14	7	192.90	18.82	4.81	34.31	999.00	186.20	17.44	5.70	34.82	182.10	9.59	13.48	35.88	999.00	-1.63	999.00	-1.11	0.00
21	11	14	8	196.60	17.49	5.66	33.75	999.00	191.30	16.31	6.15	34.26	190.80	9.07	14.32	35.42	999.00	-1.65	999.00	-1.15	0.00
21	11	14	9	194.40	22.54	4.77	33.74	999.00	188.50	21.65	5.39	34.29	185.00	12.53	14.21	35.50	999.00	-1.83	999.00	-1.26	0.00
21	11	14	10	194.90	20.48	5.69	33.74	999.00	187.60	19.61	6.05	34.29	188.70	10.50	14.31	35.50	999.00	-1.77	999.00	-1.24	0.00
21	11	14	11	196.70	16.16	3.80	33.11	999.00	190.10	14.91	4.59	33.64	189.60	7.70	13.46	34.49	999.00	-1.11	999.00	-0.63	0.00
21	11	14	12	188.90	16.62	4.01	31.97	999.00	182.20	15.15	4.92	32.34	178.90	7.89	13.24	32.79	999.00	-0.68	999.00	-0.35	0.03
21	11	14	13	187.20	15.20	4.69	31.64	999.00	179.50	12.51	5.38	31.99	177.10	7.29	11.03	32.38	999.00	-0.73	999.00	-0.37	0.02
21	11	14	14	193.80	15.47	4.87	31.61	999.00	186.80	12.99	5.33	31.94	183.70	7.25	12.63	32.31	999.00	-0.66	999.00	-0.34	0.03
21	11	14	15	207.10	15.47	4.97	31.80	999.00	200.10	14.35	5.37	32.09	193.60	8.41	12.63	32.62	999.00	-1.10	999.00	-0.80	0.01
21	11	14	16	221.60	16.57	5.99	32.30	999.00	215.40	15.36	6.50	32.98	204.00	9.01	11.75	33.97	999.00	-1.72	999.00	-0.93	0.00
21	11	14	17	229.70	19.06	3.93	33.40	999.00	222.40	17.24	4.70	33.94	210.40	10.53	9.65	34.88	999.00	-1.28	999.00	-0.89	0.01
21	11	14	18	234.30	19.85	4.99	34.38	999.00	228.10	18.42	5.17	34.79	216.20	11.98	8.81	35.64	999.00	-1.21	999.00	-0.78	0.01
21	11	14	19	233.70	22.29	3.99	34.58	999.00	227.40	20.80	4.44	35.01	219.10	14.56	9.11	35.86	999.00	-1.29	999.00	-0.87	0.00
21	11	14	20	235.20	22.32	4.62	34.29	999.00	229.70	21.09	5.09	34.69	220.30	14.33	10.17	35.53	999.00	-1.24	999.00	-0.88	0.00
21	11	14	21	237.10	20.04	5.14	34.39	999.00	231.50	18.37	5.66	34.82	223.20	12.36	9.17	35.66	999.00	-1.29	999.00	-0.84	0.00
21	11	14	22	250.20	16.04	5.38	34.66	999.00	243.80	14.72	6.56	35.15	235.10	10.22	10.81	36.06	999.00	-1.41	999.00	-0.97	0.00
21	11	14	23	266.40	17.49	6.16	34.73	999.00	259.30	15.73	6.31	35.15	246.90	9.56	10.03	36.10	999.00	-1.39	999.00	-0.96	0.00
21	11	14	24	325.00	27.53	4.89	35.41	999.00	319.70	26.19	5.53	35.89	310.10	17.17	10.99	36.68	999.00	-1.23	999.00	-0.68	0.00
21	11	15	1	311.40	26.87	5.82	35.41	999.00	304.90	26.22	6.76	35.89	298.40	16.89	11.29	36.68	999.00	-1.18	999.00	-0.62	0.01
21	11	15	2	311.60	27.07	6.34	34.80	999.00	306.30	26.54	6.64	35.32	299.20	17.01	10.97	35.72	999.00	-0.75	999.00	-0.28	0.01
21	11	15	3	296.00	23.30	5.71	34.80	999.00	289.20	21.42	5.67	35.32	276.40	14.81	9.31	35.72	999.00	-0.70	999.00	-0.02	0.00
21	11	15	4	288.60	21.23	5.70	33.65	999.00	281.70	19.89	6.38	33.86	266.80	12.73	10.11	33.87	999.00	-0.33	999.00	-0.14	0.00

21	11	15	5	279.20	19.73	3.65	32.90	999.00	271.10	17.89	4.51	32.74	256.00	9.22	9.69	32.89	999.00	0.22	999.00	-0.12	0.00
21	11	15	6	271.00	16.76	3.61	31.98	999.00	262.00	14.87	4.09	31.96	246.30	8.22	9.80	32.20	999.00	-0.30	999.00	-0.04	0.00
21	11	15	7	264.20	16.39	4.10	32.08	999.00	255.30	13.59	5.39	32.27	243.00	7.46	9.19	32.29	999.00	-0.41	999.00	-0.21	0.00
21	11	15	8	253.20	18.35	4.11	32.08	999.00	245.80	15.58	5.31	32.27	237.90	9.73	9.10	32.29	999.00	-1.04	999.00	-0.62	0.00
21	11	15	9	251.20	18.80	4.39	33.02	999.00	245.80	16.85	5.34	33.49	240.70	11.33	8.90	34.34	999.00	-1.51	999.00	-1.01	0.00
21	11	15	10	258.60	17.25	6.75	33.98	999.00	252.40	16.17	7.24	34.53	244.00	11.86	10.51	35.43	999.00	-1.36	999.00	-0.79	0.00
21	11	15	11	270.00	15.27	8.81	33.98	999.00	264.90	14.98	8.44	34.53	256.60	11.18	12.72	35.43	999.00	-2.54	999.00	-1.96	0.00
21	11	15	12	274.40	16.07	7.27	36.83	999.00	269.60	15.41	8.27	37.41	260.80	10.33	11.77	38.91	999.00	-2.05	999.00	-1.48	0.00
21	11	15	13	262.00	14.73	7.87	37.17	999.00	255.80	13.61	9.64	37.74	245.50	9.16	10.63	39.05	999.00	-1.81	999.00	-1.27	0.00
21	11	15	14	268.00	13.71	5.85	37.45	999.00	261.20	12.93	6.66	38.01	250.20	8.77	10.92	39.21	999.00	-1.82	999.00	-1.26	0.00
21	11	15	15	270.50	16.69	4.84	37.19	999.00	265.60	15.30	5.61	37.75	258.90	10.69	10.60	38.92	999.00	-1.61	999.00	-1.09	0.00
21	11	15	16	249.00	17.32	4.88	36.99	999.00	244.20	15.61	6.50	37.53	236.60	10.15	10.93	38.62	999.00	-1.64	999.00	-1.10	0.00
21	11	15	17	242.10	18.24	4.59	36.08	999.00	236.50	17.33	5.07	36.64	229.70	12.18	9.13	37.67	999.00	-1.56	999.00	-1.01	0.00
21	11	15	18	235.60	19.52	4.29	35.24	999.00	229.90	18.88	4.68	35.79	221.10	13.58	9.26	36.77	999.00	-1.59	999.00	-1.01	0.00
21	11	15	19	237.10	18.57	4.52	33.62	999.00	232.40	17.46	4.41	34.17	225.40	12.17	8.81	35.23	999.00	-1.65	999.00	-1.10	0.00
21	11	15	20	241.70	17.63	3.51	33.62	999.00	234.90	15.27	4.23	34.17	226.40	9.82	8.96	35.23	999.00	-1.11	999.00	-0.73	0.00
21	11	15	21	244.00	17.01	3.37	32.08	999.00	237.20	14.56	4.02	32.37	228.00	9.00	7.91	32.92	999.00	-0.78	999.00	-0.52	0.00
21	11	15	22	251.00	17.10	2.95	31.96	999.00	240.90	13.79	4.30	32.11	227.80	7.91	7.70	32.55	999.00	-0.54	999.00	-0.49	0.00
21	11	15	23	254.50	16.06	3.56	31.90	999.00	244.60	12.49	5.25	31.86	232.00	6.57	10.14	32.21	999.00	-0.19	999.00	-0.22	0.00
21	11	15	24	249.90	13.18	4.71	31.79	999.00	240.80	10.47	5.78	31.91	234.20	5.91	10.01	32.24	999.00	-0.96	999.00	-0.65	0.00
21	11	16	1	252.90	13.12	5.22	31.79	999.00	245.10	10.62	6.60	31.91	237.60	6.03	9.81	32.24	999.00	-1.01	999.00	-0.68	0.00
21	11	16	2	247.60	9.71	5.45	31.43	999.00	239.70	8.10	5.39	31.85	227.30	4.98	10.66	32.62	999.00	-1.13	999.00	-0.68	0.00
21	11	16	3	261.10	10.97	2.75	31.45	999.00	247.20	9.02	5.56	31.72	230.20	4.80	8.73	32.21	999.00	-0.63	999.00	-0.44	0.00
21	11	16	4	256.20	9.36	2.30	31.66	999.00	240.10	8.80	1.55	31.75	209.90	4.24	5.10	31.85	999.00	0.05	999.00	0.21	0.00
21	11	16	5	268.60	6.65	6.46	31.62	999.00	252.40	6.44	9.03	31.86	179.40	2.13	22.08	31.43	999.00	0.17	999.00	0.48	0.00
21	11	16	6	242.90	6.19	4.42	31.62	999.00	222.40	6.10	5.00	31.79	160.80	2.48	19.18	31.27	999.00	0.08	999.00	0.38	0.00
21	11	16	7	243.50	5.56	5.50	31.69	999.00	228.40	6.01	2.82	32.06	176.30	2.09	11.67	31.69	999.00	-0.25	999.00	0.13	0.00
21	11	16	8	253.00	4.39	5.36	32.33	999.00	228.40	5.86	2.46	32.36	189.10	2.89	14.19	32.42	999.00	0.08	999.00	-0.11	0.00
21	11	16	9	39.18	1.53	49.96	33.72	999.00	187.20	2.32	21.49	33.16	177.50	2.74	10.70	33.30	999.00	0.39	999.00	-0.44	0.00
21	11	16	10	170.70	3.96	20.67	34.28	999.00	172.70	4.12	19.54	34.54	182.30	3.86	19.87	34.94	999.00	-1.44	999.00	-0.26	0.00
21	11	16	11	127.50	4.50	17.38	35.53	999.00	123.20	4.40	20.23	36.91	125.10	2.92	35.94	37.65	999.00	-2.15	999.00	-0.86	0.00
21	11	16	12	109.60	3.59	38.19	37.45	999.00	100.10	3.77	34.45	38.61	119.50	2.86	74.40	39.55	999.00	-2.32	999.00	-1.02	0.00
21	11	16	13	88.70	6.27	15.98	38.15	999.00	76.90	6.30	16.10	39.28	64.74	5.81	14.87	40.32	999.00	-2.34	999.00	-1.41	0.00
21	11	16	14	83.60	7.81	6.94	38.15	999.00	77.40	7.98	7.26	38.88	72.10	6.60	13.44	40.13	999.00	-2.08	999.00	-1.39	0.00
21	11	16	15	81.60	8.25	6.73	38.22	999.00	73.20	8.42	6.72	39.02	67.55	6.91	12.84	40.42	999.00	-1.93	999.00	-1.16	0.00
21	11	16	16	89.00	9.87	4.48	38.74	999.00	79.60	9.85	4.50	39.46	75.40	6.17	12.54	40.84	999.00	-1.88	999.00	-1.22	0.00
21	11	16	17	101.00	11.65	4.35	38.74	999.00	93.90	11.00	5.80	39.46	91.30	5.22	13.93	40.84	999.00	-1.35	999.00	-0.84	0.00
21	11	16	18	119.90	12.56	3.06	40.17	999.00	113.30	12.06	3.80	40.65	112.70	5.63	14.61	41.26	999.00	-1.03	999.00	-0.57	0.00
21	11	16	19	113.80	15.11	2.71	41.01	999.00	106.40	14.30	3.18	41.46	102.40	6.91	11.69	41.97	999.00	-0.88	999.00	-0.44	0.00
21	11	16	20	121.60	16.35	3.07	42.24	999.00	111.90	14.53	3.18	42.55	106.50	6.05	11.21	42.77	999.00	-0.26	999.00	-0.03	0.00
21	11	16	21	136.40	18.38	2.57	43.13	999.00	125.10	15.72	3.48	43.16	118.20	6.29	12.60	43.12	999.00	0.09	999.00	0.05	0.00
21	11	16	22	136.60	19.54	2.50	43.13	999.00	124.20	16.50	3.14	43.16	118.00	6.39	13.03	43.12	999.00	0.33	999.00	0.08	0.00
21	11	16	23	143.40	19.13	4.16	42.29	999.00	132.90	15.53	5.84	42.21	125.10	6.23	14.35	42.33	999.00	-0.19	999.00	-0.21	0.00
21	11	16	24	150.30	21.93	3.67	42.71	999.00	140.90	18.08	5.21	42.54	134.00	7.84	15.43	42.69	999.00	0.00	999.00	-0.14	0.00
21	11	17	1	162.50	19.46	3.35	43.51	999.00	152.40	15.97	4.21	43.29	145.00	5.29	15.80	43.19	999.00	0.56	999.00	0.31	0.00
21	11	17	2	167.30	21.67	2.75	45.16	999.00	157.70	17.70	3.73	44.70	147.80	5.81	15.71	44.01	999.00	1.21	999.00	0.69	0.00

21	11	17	3	176.10	20.84	4.28	47.53	999.00	167.60	17.61	5.05	47.18	162.50	6.65	18.46	46.80	999.00	0.46	999.00	0.32	0.00
21	11	17	4	187.20	21.95	3.86	47.53	999.00	179.60	18.53	5.08	47.18	174.80	7.26	15.37	46.80	999.00	0.24	999.00	0.20	0.00
21	11	17	5	189.00	24.36	4.37	52.71	999.00	182.10	21.40	5.15	52.77	178.90	11.07	12.13	52.76	999.00	-0.17	999.00	-0.05	0.00
21	11	17	6	196.30	24.77	4.80	54.72	999.00	190.80	22.10	5.47	54.93	189.50	10.57	14.37	55.04	999.00	-0.51	999.00	-0.25	0.00
21	11	17	7	195.80	27.22	4.57	55.60	999.00	189.50	24.47	5.33	55.91	185.30	12.39	13.78	56.22	999.00	-0.68	999.00	-0.35	0.00
21	11	17	8	196.20	29.15	3.96	56.40	999.00	189.60	26.70	4.39	56.68	186.50	13.09	13.31	57.01	999.00	-0.58	999.00	-0.30	0.00
21	11	17	9	196.90	26.32	4.45	57.34	999.00	190.20	23.52	5.07	57.66	187.90	12.22	13.14	58.10	999.00	-0.93	999.00	-0.56	0.00
21	11	17	10	197.80	27.39	4.12	58.36	999.00	191.50	24.88	4.97	58.75	188.70	12.23	12.49	59.29	999.00	-0.91	999.00	-0.51	0.00
21	11	17	11	194.80	23.90	4.63	59.11	999.00	188.20	21.70	5.33	59.56	186.30	11.74	12.89	60.13	999.00	-1.06	999.00	-0.59	0.00
21	11	17	12	210.20	26.37	4.88	60.78	999.00	204.50	24.33	5.93	61.22	200.80	14.71	11.80	61.84	999.00	-1.04	999.00	-0.59	0.00
21	11	17	13	208.30	24.95	5.14	62.15	999.00	202.60	23.24	5.99	62.62	200.20	13.20	12.12	63.29	999.00	-1.21	999.00	-0.73	0.00
21	11	17	14	213.90	27.09	5.28	62.35	999.00	208.70	25.52	5.68	62.85	203.30	14.59	12.55	63.59	999.00	-1.14	999.00	-0.64	0.00
21	11	17	15	211.60	28.86	5.29	62.33	999.00	206.30	27.38	5.74	62.84	204.30	15.65	12.89	63.58	999.00	-1.28	999.00	-0.76	0.00
21	11	17	16	210.50	29.43	4.74	62.08	999.00	205.30	27.12	5.67	62.57	200.20	15.49	12.57	63.24	999.00	-1.05	999.00	-0.57	0.00
21	11	17	17	211.00	27.93	5.76	61.78	999.00	205.40	25.95	5.84	62.27	203.30	14.19	13.28	62.81	999.00	-0.98	999.00	-0.49	0.00
21	11	17	18	208.40	27.37	4.57	60.75	999.00	203.50	25.20	5.60	61.24	199.70	13.60	13.08	61.82	999.00	-0.93	999.00	-0.49	0.00
21	11	17	19	210.20	28.25	4.44	61.17	999.00	204.80	26.27	4.80	61.64	201.50	15.09	11.85	62.15	999.00	-0.98	999.00	-0.51	0.00
21	11	17	20	211.10	26.75	5.10	61.70	999.00	204.90	25.36	5.41	62.13	201.90	15.31	11.92	62.55	999.00	-0.88	999.00	-0.43	0.00
21	11	17	21	210.70	28.37	5.45	62.26	999.00	205.80	26.43	6.40	62.71	202.70	14.70	13.81	63.15	999.00	-0.90	999.00	-0.46	0.00
21	11	17	22	212.40	30.65	4.82	61.01	999.00	207.10	28.60	5.40	61.66	201.40	16.54	11.64	62.18	999.00	-1.81	999.00	-0.90	0.00
21	11	17	23	295.00	14.41	5.45	61.01	999.00	287.00	13.00	5.79	61.66	270.20	8.72	8.20	62.18	999.00	-1.67	999.00	-1.29	0.05
21	11	17	24	311.40	30.24	3.86	47.07	999.00	305.00	29.53	4.73	47.34	298.80	18.34	10.16	48.49	999.00	-0.72	999.00	-0.64	0.03
21	11	18	1	289.50	14.56	4.05	42.39	999.00	280.40	11.86	6.15	42.95	256.10	5.24	13.84	42.93	999.00	0.25	999.00	0.71	0.02
21	11	18	2	257.80	13.75	5.28	43.18	999.00	247.70	11.54	6.31	43.60	233.40	6.37	8.98	43.77	999.00	-1.20	999.00	-0.58	0.02
21	11	18	3	243.40	16.84	3.68	43.03	999.00	235.90	15.19	4.02	43.61	226.10	9.49	8.71	44.25	999.00	-1.32	999.00	-0.74	0.03
21	11	18	4	252.70	15.32	5.18	43.49	999.00	245.70	13.72	6.13	44.03	238.00	8.05	10.95	44.74	999.00	-1.33	999.00	-0.80	0.05
21	11	18	5	250.10	14.69	4.49	43.34	999.00	243.20	12.96	5.54	43.89	233.60	8.07	9.28	44.67	999.00	-1.31	999.00	-0.76	0.02
21	11	18	6	266.20	17.55	4.31	43.12	999.00	260.70	15.83	4.93	43.77	251.40	8.87	9.44	44.17	999.00	-0.74	999.00	-0.03	0.00
21	11	18	7	263.70	21.19	5.06	42.34	999.00	258.00	18.93	6.10	42.59	250.20	11.40	11.11	43.08	999.00	-1.08	999.00	-0.90	0.00
21	11	18	8	256.60	16.45	4.93	41.16	999.00	251.60	14.25	6.93	41.55	245.50	8.54	10.59	42.49	999.00	-1.82	999.00	-0.90	0.00
21	11	18	9	264.90	21.73	7.40	39.93	999.00	259.50	19.76	7.81	40.27	253.00	13.29	10.02	41.44	999.00	-0.51	999.00	-0.33	0.00
21	11	18	10	251.10	22.12	6.22	39.39	999.00	246.00	20.29	7.06	39.92	238.30	13.84	11.46	40.69	999.00	-1.86	999.00	-1.29	0.00
21	11	18	11	251.30	24.83	6.82	38.59	999.00	247.00	22.51	7.51	39.22	241.00	15.94	11.05	40.92	999.00	-2.66	999.00	-1.97	0.00
21	11	18	12	252.20	29.16	6.10	38.69	999.00	247.60	27.78	6.38	39.28	240.80	19.11	11.67	41.24	999.00	-2.65	999.00	-2.04	0.00
21	11	18	13	248.80	24.95	9.90	38.89	999.00	243.20	23.50	10.26	39.48	236.60	16.80	13.43	41.47	999.00	-2.59	999.00	-2.01	0.00
21	11	18	14	256.10	25.31	5.72	39.37	999.00	252.10	24.15	6.26	39.91	249.00	17.16	11.62	41.94	999.00	-2.52	999.00	-2.04	0.00
21	11	18	15	253.20	29.96	6.26	39.70	999.00	248.70	28.39	7.27	40.27	242.40	19.93	11.95	42.07	999.00	-2.07	999.00	-1.53	0.00
21	11	18	16	258.80	25.73	6.67	39.73	999.00	253.40	23.58	6.62	40.29	247.30	16.76	10.68	41.57	999.00	-1.63	999.00	-1.07	0.00
21	11	18	17	269.80	25.04	6.66	38.94	999.00	265.50	22.86	7.53	39.48	258.00	15.06	10.78	40.45	999.00	-1.46	999.00	-0.92	0.00
21	11	18	18	267.30	23.87	6.15	37.40	999.00	261.40	21.74	6.82	37.92	255.30	14.82	10.70	38.81	999.00	-1.37	999.00	-0.87	0.00
21	11	18	19	278.80	26.93	5.11	35.67	999.00	273.20	26.23	5.69	36.22	265.00	17.85	10.34	37.17	999.00	-1.56	999.00	-0.99	0.00
21	11	18	20	261.70	20.26	5.37	33.75	999.00	256.10	18.43	6.27	34.27	249.70	12.48	10.78	35.26	999.00	-1.50	999.00	-0.98	0.00
21	11	18	21	249.90	20.61	6.11	32.96	999.00	245.20	19.47	6.75	33.52	241.60	14.45	10.80	34.59	999.00	-1.64	999.00	-1.07	0.00
21	11	18	22	249.50	23.64	5.51	31.96	999.00	244.70	21.90	6.45	32.53	238.90	14.37	10.69	33.61	999.00	-1.67	999.00	-1.09	0.00
21	11	18	23	251.30	24.09	5.59	31.44	999.00	246.70	22.43	6.52	32.00	241.90	15.27	10.15	33.04	999.00	-1.62	999.00	-1.06	0.00
21	11	18	24	248.80	22.23	6.65	31.12	999.00	243.90	20.89	7.45	31.69	240.30	15.69	11.19	32.78	999.00	-1.65	999.00	-1.09	0.00

21	11	19	1	252.00	22.88	5.57	31.12	999.00	247.10	21.07	6.81	31.69	241.90	14.81	10.40	32.78	999.00	-1.61	999.00	-1.05	0.00
21	11	19	2	253.20	20.66	7.12	30.89	999.00	248.10	19.29	7.38	31.44	242.70	13.60	10.53	32.54	999.00	-1.68	999.00	-1.12	0.00
21	11	19	3	256.30	20.01	4.98	30.15	999.00	250.80	18.49	5.89	30.70	244.10	11.04	11.54	31.80	999.00	-1.57	999.00	-1.07	0.00
21	11	19	4	255.90	18.12	5.33	30.37	999.00	250.60	17.08	5.94	30.89	243.40	11.74	9.85	31.94	999.00	-1.58	999.00	-1.07	0.00
21	11	19	5	260.00	17.40	5.89	30.58	999.00	254.50	15.83	6.44	31.09	244.10	10.28	10.41	32.14	999.00	-1.53	999.00	-1.02	0.00
21	11	19	6	261.50	16.07	5.57	31.01	999.00	255.40	14.39	5.82	31.52	246.70	8.99	10.68	32.51	999.00	-1.46	999.00	-0.96	0.00
21	11	19	7	269.00	16.87	6.04	31.40	999.00	263.20	15.30	7.05	31.89	252.80	9.29	10.45	32.82	999.00	-1.37	999.00	-0.90	0.00
21	11	19	8	272.80	16.49	5.48	31.87	999.00	266.20	14.76	6.72	32.34	254.90	9.18	11.74	33.25	999.00	-1.36	999.00	-0.91	0.00
21	11	19	9	274.60	13.07	5.82	32.46	999.00	267.50	11.68	7.17	32.93	255.80	7.03	11.97	33.88	999.00	-1.69	999.00	-1.18	0.00
21	11	19	10	285.00	16.14	7.10	33.60	999.00	279.30	15.53	7.47	34.25	269.70	11.34	12.47	36.08	999.00	-2.66	999.00	-2.00	0.00
21	11	19	11	301.90	16.66	9.18	34.76	999.00	295.30	16.60	10.37	35.49	287.20	12.08	16.18	37.65	999.00	-3.08	999.00	-2.31	0.00
21	11	19	12	304.30	12.52	10.08	35.64	999.00	298.80	12.52	11.06	36.37	295.80	9.37	18.74	38.88	999.00	-3.27	999.00	-2.52	0.00
21	11	19	13	298.80	7.71	19.67	36.37	999.00	293.10	7.94	19.65	37.06	285.30	6.06	25.64	39.77	999.00	-3.45	999.00	-2.80	0.00
21	11	19	14	252.80	4.71	15.82	37.23	999.00	240.90	4.56	15.37	37.78	239.30	3.83	31.49	40.16	999.00	-2.32	999.00	-1.86	0.00
21	11	19	15	178.90	4.34	40.85	38.29	999.00	160.60	4.00	45.50	39.18	124.30	3.41	72.40	40.27	999.00	-1.94	999.00	-0.94	0.00
21	11	19	16	191.10	5.63	20.77	38.61	999.00	185.50	5.59	17.68	39.49	184.60	4.01	23.67	40.81	999.00	-1.94	999.00	-0.75	0.00
21	11	19	17	206.40	8.83	6.01	37.99	999.00	199.80	8.38	6.37	38.56	185.60	4.23	12.22	39.49	999.00	-1.22	999.00	-0.74	0.00
21	11	19	18	191.90	12.54	3.55	37.30	999.00	183.20	11.63	2.67	37.52	168.10	4.06	14.16	37.39	999.00	0.33	999.00	0.39	0.00
21	11	19	19	184.80	12.67	1.15	36.94	999.00	176.10	11.93	1.77	36.88	168.70	3.06	12.58	36.39	999.00	0.61	999.00	0.48	0.00
21	11	19	20	181.00	12.93	6.38	36.70	999.00	169.50	11.73	5.42	36.28	159.50	3.83	10.02	35.60	999.00	1.14	999.00	0.77	0.00
21	11	19	21	168.00	16.65	2.03	35.44	999.00	159.10	13.63	2.90	35.08	152.90	4.77	13.66	34.73	999.00	0.13	999.00	0.00	0.00
21	11	19	22	180.40	14.80	1.93	34.19	999.00	171.00	12.60	3.97	34.08	169.00	4.47	13.06	34.20	999.00	0.11	999.00	0.00	0.00
21	11	19	23	183.30	16.17	3.90	33.42	999.00	172.40	13.35	4.31	33.12	160.30	4.92	11.77	32.84	999.00	0.73	999.00	0.44	0.00
21	11	19	24	176.50	18.67	2.24	32.21	999.00	165.00	15.30	3.04	32.07	156.70	6.00	12.77	31.96	999.00	0.17	999.00	0.01	0.00
21	11	20	1	174.10	17.09	2.96	31.71	999.00	164.90	13.54	3.76	31.44	157.10	4.80	13.60	31.41	999.00	0.49	999.00	0.19	0.00
21	11	20	2	162.20	16.35	2.54	31.17	999.00	153.90	13.41	3.42	31.00	151.50	5.17	13.48	31.07	999.00	-0.27	999.00	-0.29	0.00
21	11	20	3	164.80	16.48	3.24	30.41	999.00	157.30	14.10	4.44	30.56	155.40	6.41	14.88	31.20	999.00	-1.02	999.00	-0.81	0.00
21	11	20	4	162.60	15.67	4.08	29.98	999.00	154.60	12.82	5.49	30.14	153.10	5.25	15.07	30.88	999.00	-0.96	999.00	-0.78	0.00
21	11	20	5	160.80	17.31	4.62	29.96	999.00	153.60	14.82	5.54	30.10	152.90	6.94	15.31	30.91	999.00	-1.07	999.00	-0.86	0.00
21	11	20	6	158.20	16.72	3.28	30.05	999.00	149.40	14.51	4.22	30.31	145.80	6.08	17.55	31.17	999.00	-1.07	999.00	-0.84	0.00
21	11	20	7	154.20	17.50	5.74	30.04	999.00	145.80	15.04	7.17	30.31	143.60	7.79	17.67	31.23	999.00	-1.15	999.00	-0.89	0.00
21	11	20	8	163.50	18.53	4.29	30.44	999.00	157.20	15.93	5.12	30.68	156.30	7.98	14.45	31.56	999.00	-1.21	999.00	-0.91	0.00
21	11	20	9	169.50	15.01	6.52	30.58	999.00	161.90	13.16	8.05	30.99	159.70	6.97	17.18	32.08	999.00	-1.65	999.00	-1.17	0.00
21	11	20	10	183.20	13.13	6.16	31.45	999.00	175.50	11.65	7.13	32.05	172.00	7.08	13.87	33.30	999.00	-1.92	999.00	-1.29	0.00
21	11	20	11	194.10	15.29	5.30	33.68	999.00	188.50	14.51	6.13	34.39	185.50	8.71	13.17	35.72	999.00	-2.02	999.00	-1.32	0.00
21	11	20	12	211.80	16.49	4.41	35.49	999.00	206.10	15.67	4.94	36.09	200.90	9.86	12.23	37.58	999.00	-2.10	999.00	-1.54	0.00
21	11	20	13	211.40	14.20	4.13	36.90	999.00	206.30	13.94	5.31	37.45	203.40	9.21	12.90	39.08	999.00	-2.05	999.00	-1.50	0.00
21	11	20	14	209.40	11.82	6.02	38.61	999.00	204.30	11.29	5.98	39.14	201.00	7.31	13.40	40.56	999.00	-2.01	999.00	-1.47	0.00
21	11	20	15	175.80	6.41	12.52	39.50	999.00	162.30	6.17	15.38	40.04	134.90	3.65	36.59	41.17	999.00	-1.55	999.00	-1.01	0.00
21	11	20	16	183.40	11.85	9.12	40.10	999.00	175.60	10.12	11.23	40.41	173.20	4.57	19.89	41.29	999.00	-1.03	999.00	-0.74	0.00
21	11	20	17	175.80	9.98	4.52	41.70	999.00	163.70	9.52	4.55	42.04	147.40	4.11	11.74	42.59	999.00	-0.80	999.00	-0.48	0.00
21	11	20	18	191.40	13.78	2.94	41.28	999.00	183.60	12.56	3.34	41.62	181.10	6.20	11.45	42.16	999.00	-0.85	999.00	-0.53	0.00
21	11	20	19	202.00	17.08	2.48	41.10	999.00	194.70	14.93	2.94	41.35	188.20	6.26	12.42	41.65	999.00	-0.41	999.00	-0.16	0.00
21	11	20	20	208.50	15.90	3.09	41.10	999.00	201.50	13.46	3.48	41.35	193.30	5.19	11.27	41.65	999.00	-0.20	999.00	-0.04	0.00
21	11	20	21	217.50	17.78	2.27	41.38	999.00	209.60	15.00	2.60	41.47	199.90	5.73	10.39	40.92	999.00	0.84	999.00	0.91	0.00
21	11	20	22	220.50	16.41	2.20	40.91	999.00	209.70	13.29	2.79	40.82	189.50	3.64	10.00	39.77	999.00	1.36	999.00	1.20	0.00

21	11	20	23	233.30	13.67	3.75	40.77	999.00	218.80	11.31	5.68	40.43	181.00	3.99	12.12	39.16	999.00	1.70	999.00	1.25	0.00
21	11	20	24	214.40	12.30	2.83	40.45	999.00	200.40	12.29	1.76	40.13	169.90	4.47	6.05	38.29	999.00	2.24	999.00	2.02	0.00
21	11	21	1	217.30	15.14	1.05	40.98	999.00	200.10	14.18	1.25	40.22	177.60	3.97	5.11	37.52	999.00	4.08	999.00	2.95	0.00
21	11	21	2	221.30	16.54	1.05	41.56	999.00	204.10	15.11	1.71	40.34	186.80	4.27	7.05	37.33	999.00	4.62	999.00	3.20	0.00
21	11	21	3	221.00	16.64	1.29	42.35	999.00	203.50	16.57	1.73	40.66	186.00	4.68	8.10	36.78	999.00	6.14	999.00	4.61	0.00
21	11	21	4	221.20	14.70	1.44	42.88	999.00	202.10	15.98	1.44	41.46	181.50	4.26	6.47	36.34	999.00	6.51	999.00	5.14	0.00
21	11	21	5	224.40	17.32	1.14	43.12	999.00	204.80	15.61	1.31	40.87	192.00	4.39	9.33	36.67	999.00	6.53	999.00	3.25	0.00
21	11	21	6	220.10	16.73	3.68	42.90	999.00	201.60	15.04	3.11	39.59	192.90	4.84	9.54	37.05	999.00	4.95	999.00	2.21	0.00
21	11	21	7	235.60	10.69	1.10	43.81	999.00	205.50	11.68	1.77	41.07	173.10	3.86	6.47	37.22	999.00	6.44	999.00	4.04	0.00
21	11	21	8	207.00	8.37	6.91	44.00	999.00	188.40	12.35	2.32	42.13	163.90	3.78	8.04	37.44	999.00	5.57	999.00	4.50	0.00
21	11	21	9	192.40	19.76	2.14	42.48	999.00	176.40	15.98	2.84	40.99	165.00	4.70	12.83	38.05	999.00	3.06	999.00	1.07	0.00
21	11	21	10	197.60	16.42	3.48	40.61	999.00	189.00	13.56	4.16	40.02	179.40	6.59	10.38	40.05	999.00	-0.40	999.00	-0.30	0.00
21	11	21	11	200.10	19.26	3.67	40.90	999.00	193.20	17.64	4.66	41.23	190.90	8.74	13.07	41.94	999.00	-1.29	999.00	-0.86	0.00
21	11	21	12	210.20	16.03	3.82	41.16	999.00	203.40	14.20	5.10	41.66	198.30	7.36	12.23	42.56	999.00	-1.39	999.00	-0.93	0.00
21	11	21	13	204.50	16.66	4.37	41.82	999.00	198.60	14.78	5.37	42.22	194.70	8.27	13.41	43.19	999.00	-1.39	999.00	-1.08	0.00
21	11	21	14	209.90	15.87	4.52	42.30	999.00	205.00	14.69	5.20	42.67	200.70	8.08	12.11	43.39	999.00	-1.08	999.00	-0.70	0.02
21	11	21	15	212.40	18.74	4.72	42.50	999.00	206.50	16.89	5.25	42.87	201.60	9.97	10.97	43.51	999.00	-0.99	999.00	-0.63	0.00
21	11	21	16	224.20	18.90	4.00	42.09	999.00	218.70	16.98	5.05	42.50	212.80	10.63	9.65	43.07	999.00	-0.94	999.00	-0.52	0.00
21	11	21	17	232.70	20.35	5.98	42.50	999.00	226.70	19.15	5.75	43.03	218.70	12.30	9.58	43.34	999.00	-0.77	999.00	-0.20	0.00
21	11	21	18	221.40	19.61	3.30	42.85	999.00	214.70	17.72	4.01	43.34	205.40	8.83	10.51	43.37	999.00	-0.26	999.00	0.12	0.00
21	11	21	19	221.70	23.66	3.91	42.75	999.00	215.20	20.97	4.72	42.99	207.30	11.12	11.35	42.76	999.00	0.15	999.00	0.20	0.00
21	11	21	20	226.00	25.44	4.24	42.85	999.00	219.50	22.63	4.74	42.93	212.80	13.18	9.58	43.03	999.00	-0.27	999.00	-0.20	0.00
21	11	21	21	218.30	24.68	4.20	42.56	999.00	211.80	21.93	5.25	42.59	205.10	12.03	10.77	42.82	999.00	-0.25	999.00	-0.21	0.00
21	11	21	22	233.10	27.56	5.53	43.24	999.00	227.90	25.35	6.33	43.19	221.00	15.87	9.20	43.31	999.00	-0.03	999.00	-0.09	0.00
21	11	21	23	307.90	28.08	4.92	41.59	999.00	302.30	27.22	5.94	41.70	295.30	16.41	12.46	41.58	999.00	0.44	999.00	0.72	0.04
21	11	21	24	308.80	33.15	6.41	38.59	999.00	303.60	31.93	7.12	38.43	296.60	20.21	12.40	38.05	999.00	0.61	999.00	-0.32	0.00
21	11	22	1	307.50	30.18	4.90	35.37	999.00	301.40	29.02	5.08	35.80	292.30	17.12	11.92	35.44	999.00	-0.14	999.00	0.32	0.00
21	11	22	2	299.60	18.28	4.82	34.43	999.00	293.00	17.16	5.11	34.84	281.60	10.04	9.61	34.12	999.00	0.06	999.00	0.44	0.00
21	11	22	3	301.80	22.61	6.87	33.51	999.00	294.40	21.21	7.29	33.87	280.50	11.68	15.08	33.56	999.00	-0.17	999.00	0.20	0.00
21	11	22	4	304.20	26.18	5.15	32.75	999.00	298.80	24.86	5.92	33.22	288.70	15.17	12.09	33.63	999.00	-0.88	999.00	-0.42	0.00
21	11	22	5	291.70	19.93	4.72	31.53	999.00	284.70	18.43	5.09	31.96	269.50	11.40	9.53	32.21	999.00	-0.56	999.00	-0.15	0.00
21	11	22	6	295.50	21.37	4.63	30.35	999.00	288.40	19.06	5.24	30.70	269.70	11.07	8.61	30.87	999.00	-0.24	999.00	0.03	0.00
21	11	22	7	301.10	18.09	6.05	30.19	999.00	295.00	17.25	6.37	30.60	281.50	9.86	11.83	30.71	999.00	-0.57	999.00	-0.14	0.00
21	11	22	8	287.50	15.62	2.98	29.39	999.00	277.90	13.87	3.43	29.69	245.90	6.08	9.25	29.50	999.00	0.35	999.00	0.56	0.00
21	11	22	9	286.90	13.93	6.90	29.06	999.00	278.10	12.72	7.50	29.40	260.40	7.97	12.76	29.87	999.00	-1.73	999.00	-1.24	0.00
21	11	22	10	270.20	12.45	9.51	29.91	999.00	264.10	11.85	9.50	30.56	257.50	9.26	13.13	32.26	999.00	-2.43	999.00	-1.81	0.00
21	11	22	11	277.90	18.60	7.03	30.60	999.00	274.10	18.23	8.02	31.28	267.30	13.41	11.65	33.53	999.00	-3.11	999.00	-2.42	0.00
21	11	22	12	287.10	21.88	5.48	31.67	999.00	282.70	21.00	5.93	32.37	277.70	15.48	9.78	34.77	999.00	-3.31	999.00	-2.58	0.00
21	11	22	13	272.10	19.06	8.08	32.61	999.00	266.40	18.77	8.92	33.25	258.20	14.25	13.16	35.69	999.00	-2.89	999.00	-2.33	0.00
21	11	22	14	269.20	18.09	8.53	33.56	999.00	265.20	17.55	9.70	34.10	259.90	13.31	14.22	36.31	999.00	-2.68	999.00	-2.21	0.00
21	11	22	15	280.70	19.06	10.51	34.36	999.00	276.90	18.43	12.23	34.97	271.90	13.03	16.64	36.91	999.00	-2.73	999.00	-2.13	0.00
21	11	22	16	275.30	16.26	8.97	34.97	999.00	270.80	15.60	8.99	35.55	263.00	11.62	11.47	37.31	999.00	-2.20	999.00	-1.53	0.00
21	11	22	17	275.60	16.25	3.44	34.99	999.00	269.80	14.75	4.49	35.53	259.10	7.79	9.11	36.45	999.00	-0.87	999.00	-0.43	0.00
21	11	22	18	284.10	16.78	5.51	34.37	999.00	276.10	15.60	5.79	34.67	255.50	7.85	8.96	34.31	999.00	0.37	999.00	0.67	0.00
21	11	22	19	278.40	18.25	1.88	33.67	999.00	271.40	16.15	2.39	33.82	254.90	6.60	8.24	33.01	999.00	0.88	999.00	0.94	0.00
21	11	22	20	281.70	17.79	3.85	32.61	999.00	272.20	15.43	4.79	32.70	251.10	6.74	8.42	31.99	999.00	0.52	999.00	0.55	0.00

21	11	22	21	290.70	21.72	2.83	32.61	999.00	283.40	19.02	3.46	32.70	268.20	11.01	8.30	31.99	999.00	0.00	999.00	0.31	0.00
21	11	22	22	291.30	19.04	2.79	30.63	999.00	282.30	16.38	3.02	30.89	260.40	7.69	7.86	30.45	999.00	0.66	999.00	0.86	0.00
21	11	22	23	289.30	18.28	2.82	30.12	999.00	278.20	17.06	2.36	30.27	256.10	7.90	8.22	29.35	999.00	0.85	999.00	0.99	0.00
21	11	22	24	271.70	14.74	3.03	29.80	999.00	257.90	14.47	3.25	29.94	229.80	8.21	6.50	29.10	999.00	0.52	999.00	0.71	0.00
21	11	23	1	263.50	14.12	2.58	29.30	999.00	248.70	14.00	3.95	29.20	228.20	7.88	6.40	28.32	999.00	1.08	999.00	0.74	0.00
21	11	23	2	266.00	17.13	2.07	28.62	999.00	250.10	15.39	2.11	28.20	236.90	7.10	8.15	27.28	999.00	1.33	999.00	0.77	0.00
21	11	23	3	272.40	16.39	1.44	28.36	999.00	254.40	15.34	3.86	27.46	238.50	7.45	8.44	27.03	999.00	1.54	999.00	0.43	0.00
21	11	23	4	277.30	15.59	1.28	28.49	999.00	261.40	15.56	2.28	27.67	240.70	7.29	7.50	26.24	999.00	2.19	999.00	1.33	0.00
21	11	23	5	285.60	14.68	2.81	28.44	999.00	269.60	15.16	2.97	27.72	239.30	7.48	6.89	25.97	999.00	2.54	999.00	2.17	0.00
21	11	23	6	289.70	16.63	1.40	28.19	999.00	273.20	16.16	2.72	27.67	245.70	7.30	7.87	25.69	999.00	2.44	999.00	1.92	0.00
21	11	23	7	299.50	15.76	1.38	27.54	999.00	284.00	15.41	2.12	27.10	252.10	7.21	8.68	24.98	999.00	2.70	999.00	2.16	0.00
21	11	23	8	292.00	14.99	1.69	27.59	999.00	280.70	15.05	1.91	27.42	247.50	7.57	8.33	24.68	999.00	2.57	999.00	2.37	0.00
21	11	23	9	297.70	12.57	1.57	27.23	999.00	282.50	11.90	5.16	27.01	256.60	6.97	8.29	26.07	999.00	0.32	999.00	-0.16	0.00
21	11	23	10	280.90	9.23	8.52	26.94	999.00	270.50	8.78	8.42	27.18	252.30	6.94	13.05	28.77	999.00	-2.40	999.00	-1.77	0.00
21	11	23	11	274.20	7.92	13.40	28.64	999.00	267.90	7.92	16.05	29.32	263.30	6.57	22.11	31.30	999.00	-2.86	999.00	-2.15	0.00
21	11	23	12	293.70	9.74	11.28	30.20	999.00	287.80	9.47	10.92	30.94	279.80	7.52	16.83	33.26	999.00	-3.23	999.00	-2.46	0.00
21	11	23	13	309.30	6.30	22.45	31.45	999.00	306.50	5.52	28.18	32.16	309.80	4.38	29.13	34.71	999.00	-3.22	999.00	-2.48	0.00
21	11	23	14	325.40	7.62	14.23	32.88	999.00	321.50	7.55	15.15	33.43	327.30	6.12	21.75	35.92	999.00	-2.45	999.00	-1.82	0.00
21	11	23	15	249.00	8.99	13.09	33.92	999.00	243.30	8.86	12.54	34.62	234.60	6.32	20.37	36.52	999.00	-2.33	999.00	-1.73	0.00
21	11	23	16	239.10	9.64	14.30	34.71	999.00	235.00	8.99	13.84	35.26	234.50	6.96	11.94	36.92	999.00	-2.07	999.00	-1.40	0.00
21	11	23	17	230.00	11.34	2.77	34.88	999.00	223.90	10.60	3.56	35.45	212.20	6.01	8.51	36.35	999.00	-1.05	999.00	-0.55	0.00
21	11	23	18	221.10	11.29	4.02	34.75	999.00	211.60	10.36	3.79	35.13	190.20	3.59	9.97	34.81	999.00	0.40	999.00	0.74	0.00
21	11	23	19	216.40	13.34	2.56	34.52	999.00	203.30	11.94	4.99	34.57	174.70	4.49	7.71	33.40	999.00	1.56	999.00	1.56	0.00
21	11	23	20	204.00	13.05	1.39	34.87	999.00	189.40	12.46	3.70	34.76	161.40	3.80	6.14	32.39	999.00	2.90	999.00	2.43	0.00
21	11	23	21	197.60	15.85	1.08	34.98	999.00	186.30	14.27	2.24	34.47	159.90	4.44	7.74	31.58	999.00	3.77	999.00	2.70	0.00
21	11	23	22	195.70	18.43	1.33	35.05	999.00	179.10	16.34	2.81	33.52	163.60	5.09	10.19	31.12	999.00	4.05	999.00	2.44	0.00
21	11	23	23	204.80	23.63	1.41	34.77	999.00	193.00	18.33	2.24	32.80	183.90	5.68	10.30	30.88	999.00	4.20	999.00	2.01	0.00
21	11	23	24	203.90	21.61	2.01	34.77	999.00	194.80	17.48	3.16	32.80	189.70	5.94	11.47	30.88	999.00	1.51	999.00	0.88	0.00
21	11	24	1	198.80	20.91	2.18	32.81	999.00	189.40	16.37	3.32	32.23	179.10	6.01	9.84	31.48	999.00	1.75	999.00	1.04	0.00
21	11	24	2	193.90	18.59	2.90	32.86	999.00	184.30	15.41	3.35	32.41	173.00	5.33	10.01	31.32	999.00	1.21	999.00	0.96	0.00
21	11	24	3	194.10	21.37	3.43	32.59	999.00	183.20	17.53	4.36	32.15	170.50	6.00	13.83	30.97	999.00	1.73	999.00	1.21	0.00
21	11	24	4	196.40	19.39	5.56	32.97	999.00	188.40	16.86	5.98	32.68	181.90	7.83	12.38	32.45	999.00	0.06	999.00	0.00	0.00
21	11	24	5	192.00	21.75	4.50	32.97	999.00	184.20	19.19	5.94	32.68	175.60	9.19	12.73	32.45	999.00	-0.17	999.00	-0.13	0.00
21	11	24	6	195.20	20.30	4.64	33.99	999.00	188.30	18.03	5.45	34.04	184.40	8.01	14.01	34.30	999.00	-0.56	999.00	-0.39	0.00
21	11	24	7	188.10	21.19	4.08	34.64	999.00	179.90	18.67	4.78	34.77	174.00	8.58	12.32	35.05	999.00	-0.23	999.00	-0.15	0.00
21	11	24	8	190.50	20.92	2.60	34.81	999.00	183.40	18.12	3.23	34.87	181.60	8.52	10.30	35.05	999.00	0.00	999.00	-0.01	0.00
21	11	24	9	185.10	21.77	5.96	35.52	999.00	177.50	18.64	7.05	35.83	173.90	9.36	13.20	35.90	999.00	-0.91	999.00	-0.38	0.00
21	11	24	10	194.50	21.48	5.19	37.60	999.00	188.80	19.77	5.87	38.29	185.90	11.51	13.94	38.95	999.00	-1.47	999.00	-0.79	0.00
21	11	24	11	192.30	22.86	5.45	40.82	999.00	186.70	21.53	6.68	41.60	184.40	12.73	13.94	42.50	999.00	-1.82	999.00	-1.00	0.00
21	11	24	12	197.30	22.32	5.25	40.82	999.00	191.50	21.11	6.18	41.60	189.40	12.26	13.22	42.50	999.00	-1.95	999.00	-1.29	0.00
21	11	24	13	196.80	20.98	7.04	44.38	999.00	190.60	20.41	7.93	45.04	187.00	12.33	13.37	46.37	999.00	-2.08	999.00	-1.41	0.00
21	11	24	14	191.10	23.15	5.02	45.47	999.00	185.40	21.98	5.89	46.08	183.70	12.85	13.16	47.37	999.00	-1.77	999.00	-1.16	0.00
21	11	24	15	189.40	19.96	4.46	46.72	999.00	184.20	18.99	5.39	47.32	183.30	11.60	12.83	48.29	999.00	-1.33	999.00	-0.79	0.00
21	11	24	16	178.70	23.73	5.08	47.02	999.00	172.40	21.62	5.96	47.52	171.80	12.49	13.13	48.21	999.00	-1.18	999.00	-0.71	0.00
21	11	24	17	177.50	25.40	4.82	46.64	999.00	170.90	23.08	5.30	47.04	169.50	12.24	12.97	47.59	999.00	-0.91	999.00	-0.51	0.00
21	11	24	18	179.90	25.83	4.65	46.02	999.00	173.80	23.51	5.88	46.36	171.50	12.97	13.30	46.84	999.00	-0.86	999.00	-0.51	0.00

21	11	24	19	189.40	25.64	4.26	46.06	999.00	183.80	23.56	4.86	46.36	181.00	12.94	12.26	46.74	999.00	-0.58	999.00	-0.28	0.00
21	11	24	20	194.40	20.11	5.28	46.47	999.00	189.00	18.46	5.72	46.80	184.00	9.55	12.72	47.14	999.00	-0.74	999.00	-0.39	0.00
21	11	24	21	196.80	24.16	4.85	46.41	999.00	191.60	21.49	5.05	46.72	190.30	11.14	13.05	47.06	999.00	-0.75	999.00	-0.44	0.00
21	11	24	22	195.30	24.77	4.30	46.48	999.00	190.00	22.54	5.22	46.81	188.90	11.20	13.58	47.26	999.00	-0.82	999.00	-0.49	0.00
21	11	24	23	194.30	23.66	4.32	46.46	999.00	188.60	21.19	5.03	46.80	186.40	10.77	12.66	47.26	999.00	-0.76	999.00	-0.43	0.00
21	11	24	24	198.00	20.55	4.45	46.15	999.00	191.80	18.00	5.26	46.45	187.70	7.99	13.32	46.84	999.00	-0.65	999.00	-0.36	0.00
21	11	25	1	202.60	18.31	5.73	46.15	999.00	195.70	15.42	6.50	46.45	187.80	7.30	12.21	46.84	999.00	-0.53	999.00	-0.17	0.00
21	11	25	2	201.00	18.45	3.85	44.57	999.00	195.40	15.66	5.46	44.76	192.80	5.98	13.87	44.70	999.00	-0.03	999.00	0.27	0.00
21	11	25	3	196.10	20.10	4.01	45.22	999.00	188.20	17.09	5.18	45.30	180.40	8.02	12.51	45.17	999.00	0.03	999.00	0.09	0.00
21	11	25	4	204.60	19.29	4.76	45.66	999.00	201.00	17.22	5.85	45.84	200.30	8.94	13.21	45.95	999.00	-0.39	999.00	-0.16	0.00
21	11	25	5	209.80	20.39	3.99	46.34	999.00	200.40	17.65	4.18	46.28	189.50	7.65	11.92	46.30	999.00	0.43	999.00	0.26	0.00
21	11	25	6	230.10	19.82	6.50	47.13	999.00	223.10	17.72	6.63	47.30	215.80	10.15	9.18	47.24	999.00	-0.54	999.00	-0.19	0.00
21	11	25	7	224.70	18.68	3.91	44.68	999.00	216.50	16.30	3.99	45.08	205.00	7.64	10.61	45.38	999.00	-0.55	999.00	-0.28	0.00
21	11	25	8	219.70	18.05	3.78	43.04	999.00	212.30	16.02	4.31	43.57	203.40	7.56	12.08	43.63	999.00	-0.53	999.00	0.08	0.01
21	11	25	9	220.10	18.00	4.61	42.65	999.00	212.80	16.21	5.14	43.23	202.80	8.29	11.30	43.15	999.00	-0.55	999.00	0.08	0.03
21	11	25	10	220.80	15.75	4.15	42.65	999.00	214.20	13.78	4.33	43.26	203.70	6.64	10.36	43.45	999.00	-0.80	999.00	-0.28	0.04
21	11	25	11	221.30	14.91	4.83	43.00	999.00	214.70	13.31	5.44	43.49	206.70	7.22	10.51	43.93	999.00	-0.99	999.00	-0.56	0.03
21	11	25	12	232.00	15.61	4.48	43.27	999.00	225.40	14.31	4.73	43.70	217.10	8.80	9.46	44.23	999.00	-0.99	999.00	-0.58	0.00
21	11	25	13	237.00	16.60	4.50	43.73	999.00	231.00	16.00	4.52	44.19	225.00	10.63	8.53	44.80	999.00	-1.05	999.00	-0.52	0.00
21	11	25	14	241.70	14.95	5.37	44.18	999.00	236.60	14.00	4.82	44.68	230.20	8.82	8.89	44.96	999.00	-0.74	999.00	-0.26	0.00
21	11	25	15	247.40	15.35	4.47	44.37	999.00	242.20	14.17	4.62	44.82	234.00	8.94	8.75	45.28	999.00	-0.96	999.00	-0.54	0.00
21	11	25	16	254.00	15.72	3.09	44.49	999.00	248.40	14.29	3.73	44.84	237.40	7.93	9.99	45.36	999.00	-0.81	999.00	-0.48	0.00
21	11	25	17	261.70	12.80	4.68	44.70	999.00	254.50	11.05	5.68	45.03	240.60	5.91	9.58	45.55	999.00	-0.85	999.00	-0.53	0.01
21	11	25	18	297.00	16.24	5.86	44.39	999.00	290.30	14.89	6.58	44.72	279.10	8.16	12.17	45.50	999.00	-1.08	999.00	-0.74	0.02
21	11	25	19	310.10	23.64	4.62	41.68	999.00	304.60	21.91	5.43	42.07	297.40	13.23	10.75	43.09	999.00	-1.39	999.00	-1.02	0.08
21	11	25	20	306.10	23.54	4.25	38.90	999.00	299.80	21.97	4.80	39.21	289.20	13.39	10.27	40.06	999.00	-0.89	999.00	-0.58	0.01
21	11	25	21	310.70	24.92	4.64	38.34	999.00	305.40	24.36	5.06	38.81	298.80	16.22	10.13	39.39	999.00	-1.02	999.00	-0.43	0.00
21	11	25	22	312.70	28.14	3.98	37.07	999.00	307.00	28.15	4.85	37.60	299.90	19.67	9.36	38.03	999.00	-0.78	999.00	-0.77	0.00
21	11	25	23	310.00	25.31	6.57	35.31	999.00	304.50	24.54	7.17	35.45	298.20	16.65	11.35	36.44	999.00	-1.27	999.00	-0.72	0.00
21	11	25	24	297.20	25.75	4.96	33.92	999.00	291.70	24.30	5.30	34.46	281.80	16.18	10.41	35.06	999.00	-1.07	999.00	-0.55	0.00
21	11	26	1	309.20	27.21	5.46	32.63	999.00	304.00	26.67	6.06	33.14	297.30	17.31	11.17	33.40	999.00	-0.63	999.00	-0.12	0.00
21	11	26	2	308.60	28.43	6.04	32.09	999.00	302.70	28.29	6.77	32.62	296.40	18.77	11.74	32.96	999.00	-1.17	999.00	-0.63	0.00
21	11	26	3	301.80	23.43	9.39	31.17	999.00	295.30	22.54	9.43	31.72	286.10	14.60	14.59	32.54	999.00	-1.37	999.00	-0.85	0.00
21	11	26	4	306.60	27.26	5.64	30.15	999.00	300.50	26.73	6.50	30.68	293.10	16.84	12.30	31.59	999.00	-1.48	999.00	-0.94	0.00
21	11	26	5	310.70	29.09	6.45	29.45	999.00	306.50	28.60	6.65	29.99	299.00	19.36	10.63	30.96	999.00	-1.54	999.00	-0.99	0.00
21	11	26	6	298.40	26.45	7.11	28.62	999.00	293.40	25.07	6.70	29.16	284.30	16.43	10.22	30.17	999.00	-1.54	999.00	-1.00	0.00
21	11	26	7	290.60	24.31	6.41	28.10	999.00	284.80	22.85	6.89	28.63	273.50	15.29	9.67	29.62	999.00	-1.41	999.00	-0.89	0.00
21	11	26	8	294.20	24.52	6.53	27.54	999.00	288.50	23.31	7.08	28.06	279.10	16.01	10.57	29.03	999.00	-1.55	999.00	-1.02	0.00
21	11	26	9	294.00	21.54	7.06	27.26	999.00	286.00	20.54	6.58	27.80	273.50	14.95	9.05	28.90	999.00	-1.67	999.00	-1.14	0.00
21	11	26	10	282.80	21.35	5.98	27.08	999.00	276.90	20.81	6.88	27.64	268.00	15.52	10.03	28.86	999.00	-1.81	999.00	-1.25	0.00
21	11	26	11	287.60	25.34	6.66	26.92	999.00	282.70	24.09	7.11	27.49	275.70	16.72	11.62	28.88	999.00	-2.02	999.00	-1.44	0.00
21	11	26	12	294.10	24.04	3.98	26.92	999.00	288.60	23.55	4.76	27.51	279.20	16.89	9.84	29.02	999.00	-2.19	999.00	-1.60	0.00
21	11	26	13	289.80	19.28	6.55	27.39	999.00	283.70	18.92	6.97	28.00	273.10	14.54	10.87	29.86	999.00	-2.38	999.00	-1.79	0.00
21	11	26	14	294.00	18.44	5.96	27.38	999.00	289.00	18.27	6.03	27.98	281.10	13.32	11.74	29.63	999.00	-2.21	999.00	-1.64	0.00
21	11	26	15	295.20	16.53	6.83	27.77	999.00	291.70	16.10	6.65	28.35	284.40	10.76	12.68	30.10	999.00	-2.11	999.00	-1.54	0.00
21	11	26	16	290.90	16.93	4.80	28.25	999.00	285.60	15.99	4.48	28.81	276.50	11.29	9.85	30.15	999.00	-1.81	999.00	-1.25	0.00

21	11	26	17	293.60	15.73	5.98	28.46	999.00	288.90	14.69	7.15	29.00	279.70	9.83	11.37	30.12	999.00	-1.55	999.00	-1.03	0.00
21	11	26	18	290.70	16.04	3.94	28.71	999.00	284.60	14.98	4.39	29.23	273.20	10.64	8.62	30.17	999.00	-1.43	999.00	-0.93	0.00
21	11	26	19	292.50	15.18	5.11	28.81	999.00	285.50	13.88	5.73	29.29	271.30	8.90	9.73	30.09	999.00	-1.23	999.00	-0.75	0.00
21	11	26	20	280.60	13.75	3.28	28.56	999.00	274.00	13.01	3.83	29.03	259.60	7.71	9.36	29.87	999.00	-1.30	999.00	-0.83	0.00
21	11	26	21	281.00	15.29	6.28	28.56	999.00	274.00	13.62	7.75	29.03	258.70	8.36	10.57	29.87	999.00	-1.31	999.00	-0.88	0.00
21	11	26	22	288.10	16.22	5.41	28.56	999.00	282.70	15.13	5.36	29.06	270.70	10.73	8.57	29.97	999.00	-1.45	999.00	-0.95	0.00
21	11	26	23	264.10	9.48	12.04	28.49	999.00	254.60	8.75	12.18	28.96	240.60	5.68	9.73	29.78	999.00	-1.32	999.00	-0.87	0.00
21	11	26	24	274.40	12.94	4.82	28.24	999.00	265.10	11.72	5.51	28.64	245.80	6.93	9.44	29.47	999.00	-1.16	999.00	-0.79	0.00
21	11	27	1	260.30	10.23	4.05	27.75	999.00	253.90	9.41	4.06	28.26	246.00	6.50	8.34	29.19	999.00	-1.37	999.00	-0.86	0.00
21	11	27	2	259.80	15.50	3.06	26.83	999.00	250.00	12.84	4.41	27.19	240.00	7.04	7.97	27.76	999.00	-0.64	999.00	-0.48	0.00
21	11	27	3	278.60	12.48	2.76	27.44	999.00	267.00	11.75	7.39	27.57	247.70	5.17	8.35	27.12	999.00	0.38	999.00	0.61	0.00
21	11	27	4	247.40	11.91	3.32	27.44	999.00	238.40	10.28	4.23	27.57	230.00	7.08	6.38	27.12	999.00	-1.02	999.00	-0.84	0.00
21	11	27	5	244.50	7.75	5.83	26.99	999.00	234.90	7.43	6.69	27.38	207.50	3.89	11.50	28.26	999.00	-1.18	999.00	-0.78	0.00
21	11	27	6	233.40	8.42	2.29	27.21	999.00	225.30	7.94	2.20	27.60	200.10	3.39	9.23	28.23	999.00	-0.67	999.00	-0.29	0.00
21	11	27	7	205.30	8.78	2.40	27.25	999.00	193.00	8.61	1.23	27.59	172.10	3.18	10.97	27.45	999.00	-0.12	999.00	0.12	0.00
21	11	27	8	193.80	10.86	4.46	27.34	999.00	182.70	9.51	4.35	27.46	167.40	3.56	14.35	27.53	999.00	-0.41	999.00	-0.39	0.00
21	11	27	9	182.90	10.52	4.82	27.22	999.00	172.90	9.32	5.81	27.47	170.00	5.55	12.32	28.35	999.00	-1.67	999.00	-1.17	0.00
21	11	27	10	168.50	9.60	5.91	27.55	999.00	163.00	9.20	6.37	28.18	169.20	6.31	14.06	29.49	999.00	-1.99	999.00	-1.35	0.00
21	11	27	11	176.10	11.79	5.37	28.29	999.00	169.50	11.21	6.53	28.92	169.50	7.37	16.21	30.27	999.00	-2.02	999.00	-1.36	0.00
21	11	27	12	177.80	10.10	8.07	29.25	999.00	172.40	9.94	9.49	29.92	174.20	6.57	15.31	31.27	999.00	-1.91	999.00	-1.26	0.00
21	11	27	13	186.70	13.51	4.90	29.84	999.00	181.10	13.34	6.43	30.50	174.50	8.50	12.12	31.79	999.00	-1.87	999.00	-1.15	0.00
21	11	27	14	121.00	10.39	6.59	29.42	999.00	113.50	10.12	7.68	30.05	104.60	6.46	17.39	31.35	999.00	-2.01	999.00	-1.46	0.00
21	11	27	15	137.70	10.71	7.99	30.34	999.00	129.00	10.22	7.90	30.89	127.60	6.67	13.64	32.28	999.00	-1.89	999.00	-1.35	0.00
21	11	27	16	163.20	9.49	5.55	32.11	999.00	156.00	8.87	6.30	32.61	151.50	5.04	15.03	33.77	999.00	-1.69	999.00	-1.15	0.00
21	11	27	17	171.90	14.15	4.20	31.29	999.00	165.10	13.20	5.54	31.85	163.70	7.65	11.95	32.92	999.00	-1.61	999.00	-1.08	0.00
21	11	27	18	160.40	12.42	5.63	29.06	999.00	150.30	11.31	5.90	29.51	143.30	6.01	14.58	30.63	999.00	-1.53	999.00	-1.11	0.00
21	11	27	19	150.60	14.54	5.45	29.44	999.00	143.10	12.84	6.42	29.87	136.80	6.48	15.52	30.93	999.00	-1.55	999.00	-1.08	0.00
21	11	27	20	142.00	13.61	4.54	29.63	999.00	131.50	11.87	5.73	30.05	126.20	5.63	14.73	31.04	999.00	-1.34	999.00	-0.97	0.00
21	11	27	21	154.90	11.03	4.38	30.22	999.00	143.50	9.37	5.43	30.53	134.00	4.78	15.05	31.42	999.00	-1.10	999.00	-0.83	0.03
21	11	27	22	170.30	13.65	2.64	31.12	999.00	156.30	11.56	3.91	31.26	143.60	4.84	13.93	31.99	999.00	-0.76	999.00	-0.69	0.04
21	11	27	23	197.80	17.76	5.90	32.38	999.00	184.60	15.03	5.78	32.20	178.40	5.94	15.04	32.64	999.00	0.10	999.00	-0.23	0.00
21	11	27	24	231.90	15.74	3.72	33.67	999.00	220.70	13.58	3.75	33.85	207.00	5.83	10.08	33.75	999.00	-0.10	999.00	0.14	0.00
21	11	28	1	267.40	18.48	4.21	34.04	999.00	260.10	15.99	4.99	34.26	247.60	8.65	9.99	34.58	999.00	-0.91	999.00	-0.56	0.00
21	11	28	2	288.60	19.06	4.03	33.66	999.00	282.90	17.14	4.50	34.12	271.60	10.71	8.40	34.74	999.00	-1.10	999.00	-0.61	0.00
21	11	28	3	295.90	18.27	4.67	32.98	999.00	289.30	16.63	5.04	33.50	277.90	10.65	9.87	34.21	999.00	-1.28	999.00	-0.75	0.00
21	11	28	4	307.00	20.49	3.94	32.46	999.00	300.40	19.68	4.72	33.00	292.10	11.88	12.15	33.81	999.00	-1.43	999.00	-0.88	0.00
21	11	28	5	310.80	18.44	4.76	31.72	999.00	303.90	17.80	5.13	32.27	296.90	11.17	11.04	33.20	999.00	-1.53	999.00	-0.98	0.00
21	11	28	6	282.00	13.32	4.91	30.93	999.00	274.20	12.63	5.31	31.48	258.00	7.83	9.88	32.47	999.00	-1.54	999.00	-1.00	0.00
21	11	28	7	283.40	12.67	4.40	30.48	999.00	278.60	11.72	5.02	30.99	267.80	6.98	9.21	31.93	999.00	-1.37	999.00	-0.88	0.00
21	11	28	8	262.10	10.11	8.71	30.87	999.00	252.40	9.11	10.05	31.36	236.10	5.24	11.53	32.22	999.00	-1.29	999.00	-0.82	0.00
21	11	28	9	242.30	15.53	3.23	31.52	999.00	235.20	13.69	3.38	31.91	224.80	8.70	7.57	32.79	999.00	-1.15	999.00	-0.83	0.00
21	11	28	10	238.00	15.99	4.06	32.54	999.00	230.40	14.01	4.74	32.92	219.90	8.66	8.86	33.76	999.00	-1.25	999.00	-0.82	0.00
21	11	28	11	246.80	14.42	5.23	33.61	999.00	240.80	12.97	5.66	34.03	230.00	7.98	9.45	34.85	999.00	-1.34	999.00	-0.87	0.00
21	11	28	12	251.50	16.00	4.68	35.05	999.00	245.80	14.58	6.05	35.54	236.70	9.42	10.17	36.60	999.00	-1.53	999.00	-1.03	0.00
21	11	28	13	277.90	21.11	5.68	36.57	999.00	272.80	19.82	6.42	37.07	266.40	13.02	11.20	37.94	999.00	-1.18	999.00	-0.67	0.00
21	11	28	14	284.80	23.22	7.15	35.98	999.00	279.40	21.34	6.68	36.47	269.10	13.94	10.12	37.64	999.00	-1.32	999.00	-0.96	0.00

21	11	28	15	282.80	30.36	5.56	36.61	999.00	276.90	28.94	6.78	37.19	268.40	19.65	10.89	38.73	999.00	-1.95	999.00	-1.32	0.00
21	11	28	16	285.60	25.94	5.89	34.95	999.00	279.90	24.82	6.74	35.49	270.40	17.67	10.22	36.56	999.00	-1.76	999.00	-1.20	0.00
21	11	28	17	280.70	20.14	5.27	34.64	999.00	274.70	19.42	5.08	35.15	264.10	12.17	9.77	35.97	999.00	-0.90	999.00	-0.47	0.00
21	11	28	18	267.60	18.94	3.14	33.83	999.00	260.50	16.95	4.30	34.16	250.50	9.87	10.19	34.65	999.00	-0.96	999.00	-0.61	0.00
21	11	28	19	275.90	19.32	3.31	33.12	999.00	269.00	17.27	4.78	33.46	259.10	9.82	10.74	34.16	999.00	-1.15	999.00	-0.77	0.00
21	11	28	20	290.50	19.37	6.65	33.24	999.00	285.20	17.94	6.62	33.61	272.40	11.40	10.00	34.25	999.00	-1.08	999.00	-0.64	0.00
21	11	28	21	288.90	19.66	5.42	33.55	999.00	282.20	17.94	6.20	33.98	270.10	11.69	8.74	34.64	999.00	-1.21	999.00	-0.75	0.00
21	11	28	22	287.90	19.09	5.91	32.78	999.00	279.80	17.04	6.22	33.14	260.80	9.04	10.31	33.50	999.00	-0.26	999.00	0.00	0.00
21	11	28	23	293.90	20.73	4.77	32.58	999.00	286.60	18.20	5.41	32.84	271.30	11.08	9.09	32.77	999.00	-0.37	999.00	-0.05	0.00
21	11	28	24	296.20	21.40	4.21	33.22	999.00	288.80	18.94	4.59	33.51	273.40	11.10	7.90	33.57	999.00	-0.25	999.00	0.03	0.00
21	11	29	1	294.50	19.31	4.46	33.29	999.00	286.20	16.81	4.52	33.57	269.30	9.53	7.71	33.41	999.00	-0.06	999.00	0.21	0.00
21	11	29	2	289.70	14.66	5.01	32.71	999.00	277.40	12.94	4.93	32.89	251.40	5.84	8.61	32.37	999.00	0.36	999.00	0.42	0.00
21	11	29	3	287.80	16.13	4.12	31.42	999.00	276.50	14.40	4.21	31.38	250.60	6.45	8.28	30.71	999.00	0.61	999.00	0.67	0.00
21	11	29	4	296.80	18.19	3.77	30.76	999.00	287.70	15.28	3.69	30.80	260.90	6.59	7.70	29.88	999.00	1.09	999.00	1.15	0.00
21	11	29	5	287.70	18.05	2.77	30.40	999.00	278.10	16.38	2.62	30.55	253.10	7.79	8.34	29.68	999.00	0.65	999.00	0.80	0.00
21	11	29	6	284.70	15.80	2.62	30.06	999.00	268.40	13.62	4.23	29.77	240.10	7.09	6.38	28.95	999.00	1.42	999.00	1.00	0.00
21	11	29	7	274.10	15.06	1.87	29.56	999.00	255.00	13.00	3.48	28.62	237.10	6.55	8.15	27.92	999.00	1.75	999.00	0.49	0.00
21	11	29	8	277.90	18.40	4.25	29.77	999.00	261.10	15.50	4.73	28.48	236.30	6.30	8.23	27.72	999.00	2.40	999.00	1.09	0.00
21	11	29	9	270.00	13.54	7.37	29.66	999.00	251.30	10.64	8.45	28.59	226.70	6.18	11.76	28.33	999.00	0.38	999.00	-0.33	0.00
21	11	29	10	253.00	9.76	6.35	29.66	999.00	243.50	8.87	6.69	28.59	238.10	7.34	10.15	28.33	999.00	-1.94	999.00	-1.48	0.00
21	11	29	11	243.60	8.13	5.78	30.05	999.00	232.40	8.45	4.60	30.55	223.30	7.30	10.12	32.05	999.00	-2.04	999.00	-1.55	0.00
21	11	29	12	232.80	7.90	4.76	32.29	999.00	228.20	8.52	4.91	32.82	224.50	7.08	9.70	34.58	999.00	-2.49	999.00	-1.98	0.00
21	11	29	13	222.40	11.49	10.41	34.63	999.00	216.10	10.81	12.87	35.18	216.00	8.88	16.58	37.39	999.00	-2.95	999.00	-2.44	0.00
21	11	29	14	230.80	15.53	7.55	35.51	999.00	225.40	15.38	7.62	35.92	220.50	11.36	11.26	37.97	999.00	-2.46	999.00	-2.08	0.00
21	11	29	15	230.70	13.29	6.66	35.94	999.00	224.30	12.22	7.00	36.45	217.40	8.50	10.32	38.06	999.00	-1.93	999.00	-1.39	0.00
21	11	29	16	223.70	13.06	5.17	36.24	999.00	218.80	12.12	5.69	36.76	214.60	7.94	9.39	37.79	999.00	-1.47	999.00	-0.94	0.00
21	11	29	17	224.20	11.31	2.96	36.18	999.00	217.60	10.23	2.96	36.64	207.20	4.84	8.93	37.35	999.00	-0.95	999.00	-0.52	0.00
21	11	29	18	225.80	11.10	1.13	36.19	999.00	218.70	9.61	2.26	36.49	199.20	3.40	11.09	36.55	999.00	-0.09	999.00	0.14	0.00
21	11	29	19	218.80	13.29	4.76	36.54	999.00	206.40	11.62	5.41	36.75	178.20	4.75	9.91	36.30	999.00	0.20	999.00	0.39	0.00
21	11	29	20	232.10	16.97	8.60	35.66	999.00	225.90	16.05	9.16	36.10	219.90	10.78	12.97	36.56	999.00	-1.38	999.00	-0.86	0.00
21	11	29	21	231.00	16.98	2.86	33.03	999.00	226.80	15.72	3.32	33.58	220.80	10.60	8.05	34.48	999.00	-1.49	999.00	-0.97	0.00
21	11	29	22	209.00	13.04	3.41	30.45	999.00	201.90	10.92	4.69	30.85	195.80	5.35	13.33	31.77	999.00	-1.24	999.00	-0.86	0.00
21	11	29	23	195.90	12.55	3.99	30.52	999.00	187.80	10.25	4.40	30.88	180.30	4.55	11.27	31.73	999.00	-1.16	999.00	-0.82	0.04
21	11	29	24	177.50	15.05	6.35	30.73	999.00	169.80	12.62	7.61	31.11	170.40	4.98	17.45	32.00	999.00	-1.37	999.00	-0.95	0.02
21	11	30	1	168.80	17.02	4.25	30.97	999.00	162.10	14.38	5.18	31.37	165.10	5.06	14.62	32.21	999.00	-1.11	999.00	-0.75	0.00
21	11	30	2	158.00	17.44	4.30	30.97	999.00	149.60	14.02	5.27	31.37	145.50	4.72	16.96	32.21	999.00	-0.91	999.00	-0.69	0.00
21	11	30	3	165.10	16.58	4.18	31.94	999.00	156.60	13.09	5.57	32.14	154.00	4.30	15.00	32.67	999.00	-0.59	999.00	-0.42	0.00
21	11	30	4	182.30	19.03	2.89	33.07	999.00	174.10	16.03	4.10	33.16	169.30	4.75	15.04	33.13	999.00	0.06	999.00	0.17	0.00
21	11	30	5	188.30	19.78	2.11	34.26	999.00	179.10	16.52	2.87	34.20	175.30	5.15	11.54	33.97	999.00	0.37	999.00	0.18	0.00
21	11	30	6	216.30	17.08	5.80	34.63	999.00	208.60	14.06	9.71	34.47	212.60	4.89	30.38	34.27	999.00	0.59	999.00	0.38	0.00
21	11	30	7	233.30	17.46	2.56	35.70	999.00	222.40	14.42	2.77	35.35	204.10	4.88	8.66	34.55	999.00	1.51	999.00	1.15	0.00
21	11	30	8	252.70	16.48	2.76	36.04	999.00	242.10	13.37	3.12	35.81	220.50	5.57	6.28	35.16	999.00	0.40	999.00	0.26	0.00
21	11	30	9	263.10	18.03	4.25	35.38	999.00	255.60	14.64	5.85	35.51	245.00	7.14	10.95	35.77	999.00	-0.68	999.00	-0.54	0.00
21	11	30	10	264.50	19.11	4.20	35.22	999.00	257.20	16.24	5.68	35.43	247.80	9.53	11.29	36.36	999.00	-1.75	999.00	-1.40	0.00
21	11	30	11	276.00	15.09	5.06	35.38	999.00	265.80	13.65	6.34	35.84	253.50	9.13	10.45	37.93	999.00	-2.67	999.00	-2.21	0.00
21	11	30	12	267.40	14.68	6.19	36.36	999.00	261.10	14.41	6.03	36.91	251.10	10.79	9.90	39.35	999.00	-2.90	999.00	-2.41	0.00

21	11	30	13	256.70	14.07	7.72	37.84	999.00	251.30	13.44	9.16	38.38	244.20	10.58	13.58	40.98	999.00	-3.15	999.00	-2.65	0.00
21	11	30	14	251.70	20.30	5.41	38.84	999.00	246.30	18.91	6.04	39.28	236.30	12.86	11.78	41.70	999.00	-2.64	999.00	-2.17	0.00
21	11	30	15	255.50	20.90	8.03	40.63	999.00	250.10	19.19	9.25	41.16	242.10	13.40	12.26	43.12	999.00	-2.56	999.00	-1.99	0.00
21	11	30	16	263.00	15.48	7.50	41.95	999.00	259.00	14.40	7.74	42.46	255.30	9.61	11.81	44.19	999.00	-2.18	999.00	-1.62	0.00
21	11	30	17	321.50	18.26	3.34	40.90	999.00	319.10	16.20	4.01	41.24	313.80	8.35	10.36	42.43	999.00	-1.03	999.00	-0.89	0.00
21	11	30	18	320.40	19.05	2.65	39.92	999.00	316.50	16.53	4.46	39.89	307.40	8.34	9.39	40.32	999.00	-0.22	999.00	-0.20	0.00
21	11	30	19	313.00	21.58	3.58	39.86	999.00	308.50	19.34	4.55	39.94	300.60	9.83	9.95	39.90	999.00	0.07	999.00	0.15	0.00
21	11	30	20	286.00	27.05	6.57	41.02	999.00	281.60	24.42	7.05	41.01	272.90	14.42	10.87	40.49	999.00	-0.22	999.00	0.04	0.00
21	11	30	21	303.70	21.56	4.60	40.89	999.00	297.90	19.49	5.40	41.17	287.30	10.72	10.79	41.20	999.00	-0.63	999.00	-0.25	0.00
21	11	30	22	308.10	18.76	3.28	39.63	999.00	301.80	16.57	4.07	39.96	296.20	7.61	11.65	40.09	999.00	-0.37	999.00	-0.09	0.00
21	11	30	23	315.40	18.99	4.63	39.63	999.00	309.20	18.08	5.68	39.96	301.70	10.11	10.84	40.09	999.00	-0.82	999.00	-0.39	0.00
21	11	30	24	313.50	15.47	3.50	36.71	999.00	304.50	14.67	4.35	37.02	290.00	6.33	10.91	36.80	999.00	0.31	999.00	0.48	0.00
21	12	1	1	293.20	14.16	3.24	36.44	999.00	282.50	12.45	3.72	36.65	252.60	5.01	8.70	35.96	999.00	0.68	999.00	0.88	0.00
21	12	1	2	300.50	11.72	3.62	36.42	999.00	290.50	11.56	3.31	36.58	246.00	4.32	7.77	35.49	999.00	0.95	999.00	1.18	0.00
21	12	1	3	286.20	7.40	4.18	36.14	999.00	256.50	6.32	10.41	36.37	152.60	3.49	11.85	34.60	999.00	2.28	999.00	2.05	0.00
21	12	1	4	256.30	7.33	11.29	36.14	999.00	230.00	5.97	13.62	36.37	190.10	1.45	34.34	34.60	999.00	2.21	999.00	0.99	0.00
21	12	1	5	236.60	5.63	6.63	35.47	999.00	229.20	6.12	5.48	35.20	198.10	4.38	9.39	32.94	999.00	2.82	999.00	3.25	0.00
21	12	1	6	212.30	7.49	2.22	35.81	999.00	210.80	7.60	3.37	36.06	185.10	1.99	13.61	32.42	999.00	3.57	999.00	3.71	0.00
21	12	1	7	177.60	10.74	1.67	35.85	999.00	173.00	10.51	2.11	35.84	165.90	3.69	10.27	32.53	999.00	3.50	999.00	3.30	0.00
21	12	1	8	174.30	12.03	0.93	35.79	999.00	166.60	11.22	1.81	35.43	160.20	3.56	10.27	32.29	999.00	3.49	999.00	3.30	0.00
21	12	1	9	153.00	11.23	0.86	35.77	999.00	144.30	11.75	0.77	35.88	126.40	3.66	12.87	32.63	999.00	2.78	999.00	2.88	0.00
21	12	1	10	171.60	15.83	2.80	35.56	999.00	161.10	12.61	4.52	34.88	156.90	5.80	14.92	34.45	999.00	0.93	999.00	-0.38	0.00
21	12	1	11	164.70	12.15	6.33	36.05	999.00	155.80	10.58	7.55	35.75	146.70	5.66	16.22	36.57	999.00	-1.52	999.00	-1.05	0.00
21	12	1	12	180.90	15.72	6.38	37.96	999.00	174.70	14.90	6.10	38.64	170.80	8.95	14.33	39.88	999.00	-1.97	999.00	-1.20	0.00
21	12	1	13	191.20	16.24	4.68	37.96	999.00	185.30	15.38	5.80	38.64	183.20	8.95	13.13	39.88	999.00	-1.82	999.00	-1.11	0.00
21	12	1	14	184.80	17.48	5.71	43.38	999.00	178.40	16.51	6.83	44.10	177.40	10.54	13.32	45.28	999.00	-1.83	999.00	-1.11	0.00
21	12	1	15	186.10	20.88	5.30	44.07	999.00	180.60	19.63	6.05	44.67	181.50	11.84	13.23	45.64	999.00	-1.47	999.00	-0.90	0.00
21	12	1	16	187.60	13.73	6.48	44.07	999.00	183.00	12.38	8.09	44.67	181.90	7.30	15.45	45.64	999.00	-1.35	999.00	-0.86	0.00
21	12	1	17	221.10	6.41	8.29	43.20	999.00	221.90	5.32	9.09	43.61	191.70	1.43	34.51	43.99	999.00	-0.49	999.00	-0.15	0.00
21	12	1	18	183.00	3.93	6.73	42.32	999.00	154.80	3.09	13.28	42.58	73.10	3.28	6.89	42.38	999.00	0.50	999.00	0.70	0.03
21	12	1	19	149.70	9.96	6.64	41.48	999.00	129.30	9.46	5.74	41.53	106.30	4.52	25.61	40.43	999.00	0.97	999.00	1.04	0.01
21	12	1	20	171.20	9.70	2.37	41.31	999.00	158.90	8.62	2.85	41.54	111.00	3.14	8.23	40.51	999.00	0.69	999.00	0.98	0.00
21	12	1	21	192.40	13.53	4.45	41.39	999.00	185.80	11.02	5.09	41.57	186.90	3.77	15.52	41.13	999.00	-0.12	999.00	-0.04	0.00
21	12	1	22	208.20	18.95	5.41	41.88	999.00	202.40	16.88	6.36	42.17	197.00	8.45	12.42	42.64	999.00	-0.93	999.00	-0.58	0.00
21	12	1	23	218.80	22.44	4.59	41.88	999.00	212.20	19.94	5.45	42.17	205.30	10.63	12.37	42.64	999.00	-1.05	999.00	-0.61	0.00
21	12	1	24	232.40	22.65	4.02	42.88	999.00	226.90	21.10	4.27	43.32	218.80	13.91	8.04	43.88	999.00	-0.96	999.00	-0.51	0.00
21	12	2	1	226.50	24.25	4.68	43.28	999.00	220.30	21.90	5.33	43.77	212.70	13.93	9.48	44.26	999.00	-1.08	999.00	-0.57	0.00
21	12	2	2	223.30	24.17	4.14	43.42	999.00	216.80	21.89	5.27	44.03	210.70	13.12	10.12	44.56	999.00	-1.11	999.00	-0.46	0.00
21	12	2	3	228.80	26.95	4.50	44.25	999.00	222.60	24.78	5.06	44.95	215.00	16.40	8.63	45.43	999.00	-1.31	999.00	-0.58	0.00
21	12	2	4	223.00	25.90	3.95	45.03	999.00	217.70	23.91	4.67	45.85	209.90	13.73	10.63	46.41	999.00	-1.39	999.00	-0.57	0.00
21	12	2	5	214.10	28.51	4.53	45.79	999.00	208.10	25.60	5.30	46.44	201.20	14.19	11.87	46.90	999.00	-0.70	999.00	-0.37	0.00
21	12	2	6	214.40	29.41	4.82	47.78	999.00	208.70	26.79	5.51	48.10	202.60	15.34	11.28	48.35	999.00	-0.44	999.00	-0.14	0.00
21	12	2	7	227.80	36.64	5.53	49.30	999.00	221.90	34.37	5.98	49.60	213.10	21.75	9.82	49.64	999.00	-0.40	999.00	-0.05	0.00
21	12	2	8	234.50	30.28	4.41	48.98	999.00	229.60	28.26	4.50	49.38	222.90	17.73	8.68	49.42	999.00	-0.36	999.00	0.03	0.00
21	12	2	9	236.90	27.96	4.25	47.50	999.00	231.80	26.24	4.27	47.92	224.40	17.87	8.35	47.92	999.00	-0.60	999.00	-0.19	0.00
21	12	2	10	235.60	26.51	4.96	47.38	999.00	229.50	25.21	4.61	47.81	222.00	16.72	8.61	48.35	999.00	-1.22	999.00	-0.76	0.00

21	12	2	11	233.70	32.29	4.34	48.65	999.00	227.90	30.86	4.49	49.10	220.70	21.45	7.95	50.03	999.00	-1.46	999.00	-1.01	0.00
21	12	2	12	247.90	26.09	5.64	50.05	999.00	243.40	24.30	6.20	50.52	235.10	16.33	10.01	51.48	999.00	-1.50	999.00	-1.02	0.00
21	12	2	13	255.00	24.04	6.43	51.57	999.00	249.40	22.23	7.51	51.97	237.80	15.74	10.70	53.38	999.00	-2.09	999.00	-1.68	0.00
21	12	2	14	273.10	32.70	5.73	54.02	999.00	267.40	30.80	6.71	54.51	259.70	21.14	10.75	56.26	999.00	-2.22	999.00	-1.71	0.00
21	12	2	15	280.00	31.20	6.56	54.43	999.00	274.60	29.99	7.03	55.02	265.10	20.66	9.80	56.59	999.00	-1.97	999.00	-1.37	0.00
21	12	2	16	308.10	33.27	2.87	52.51	999.00	302.40	28.03	4.53	52.55	294.90	12.91	11.56	53.05	999.00	1.21	999.00	0.39	0.00
21	12	2	17	318.40	28.48	4.75	48.94	999.00	311.90	25.63	5.69	48.83	302.40	15.12	10.10	48.56	999.00	-0.04	999.00	0.07	0.00
21	12	2	18	307.70	29.16	2.80	46.30	999.00	301.80	25.38	4.55	46.22	293.70	11.93	11.11	45.94	999.00	1.04	999.00	0.63	0.00
21	12	2	19	301.80	23.54	3.99	45.39	999.00	294.90	20.96	4.93	45.51	283.80	10.65	10.90	45.10	999.00	0.08	999.00	0.30	0.00
21	12	2	20	303.50	19.95	6.16	44.66	999.00	296.90	17.93	6.69	44.95	282.40	9.25	12.07	44.67	999.00	-0.36	999.00	-0.01	0.00
21	12	2	21	299.80	17.27	6.95	43.96	999.00	292.70	15.47	7.52	44.17	281.10	7.88	12.67	44.13	999.00	-0.17	999.00	0.10	0.00
21	12	2	22	299.30	14.19	4.42	43.40	999.00	290.30	12.42	4.73	43.71	264.60	5.55	8.70	43.47	999.00	0.24	999.00	0.53	0.00
21	12	2	23	325.30	15.18	7.87	42.34	999.00	313.20	14.27	7.55	42.68	293.80	8.52	11.08	42.78	999.00	-0.83	999.00	-0.38	0.00
21	12	2	24	334.10	22.73	2.55	40.66	999.00	328.60	20.50	4.28	40.98	321.10	11.24	9.19	41.38	999.00	-0.50	999.00	-0.24	0.00
21	12	3	1	331.60	13.60	3.66	39.77	999.00	324.60	12.81	4.51	40.14	311.80	7.39	9.54	40.58	999.00	-0.91	999.00	-0.49	0.00
21	12	3	2	338.30	5.97	4.42	38.84	999.00	331.50	6.10	5.25	39.28	300.10	2.36	17.44	39.72	999.00	-0.76	999.00	-0.31	0.00
21	12	3	3	342.30	5.95	6.45	38.70	999.00	344.30	5.23	4.76	39.14	324.60	1.66	26.07	39.47	999.00	-0.71	999.00	-0.28	0.00
21	12	3	4	317.20	5.91	6.22	38.63	999.00	310.50	5.53	5.68	39.03	241.80	3.10	9.34	38.93	999.00	-0.16	999.00	0.27	0.00
21	12	3	5	341.50	8.29	3.33	38.02	999.00	335.00	8.41	3.77	38.47	306.70	4.17	14.08	38.43	999.00	-0.77	999.00	-0.30	0.00
21	12	3	6	349.20	7.19	3.81	37.44	999.00	344.60	7.35	3.50	37.89	332.60	4.47	8.09	38.81	999.00	-1.45	999.00	-0.93	0.00
21	12	3	7	315.40	4.68	6.25	37.17	999.00	308.00	4.66	7.71	37.66	271.10	2.20	11.63	38.32	999.00	-1.06	999.00	-0.59	0.00
21	12	3	8	260.80	4.75	6.90	36.19	999.00	254.20	4.67	5.71	36.69	237.50	3.69	7.43	37.47	999.00	-1.45	999.00	-0.94	0.00
21	12	3	9	282.20	1.55	13.87	34.94	999.00	259.60	2.19	7.06	35.43	250.80	2.12	10.56	36.37	999.00	-1.44	999.00	-1.02	0.00
21	12	3	10	51.06	1.89	45.45	34.90	999.00	42.57	1.86	75.00	35.24	247.30	1.64	53.45	35.99	999.00	-1.03	999.00	-0.66	0.00
21	12	3	11	289.00	0.02	52.62	34.60	999.00	283.60	1.38	29.41	35.13	273.80	1.17	60.29	36.27	999.00	-1.69	999.00	-1.16	0.00
21	12	3	12	106.50	2.91	34.63	34.84	999.00	104.80	3.05	43.43	35.49	102.90	2.59	49.89	36.58	999.00	-1.76	999.00	-1.10	0.00
21	12	3	13	103.20	5.29	9.10	34.54	999.00	95.90	5.26	11.37	35.13	88.00	4.32	18.72	36.42	999.00	-1.88	999.00	-1.26	0.00
21	12	3	14	98.30	6.65	6.78	34.79	999.00	92.50	6.81	6.68	35.37	89.70	4.44	15.02	36.64	999.00	-1.80	999.00	-1.25	0.00
21	12	3	15	148.00	7.94	5.63	35.00	999.00	140.30	7.65	6.37	35.56	135.00	5.31	13.49	36.81	999.00	-1.83	999.00	-1.24	0.00
21	12	3	16	155.60	4.71	16.39	35.68	999.00	149.60	4.44	17.94	36.25	158.80	3.44	18.43	37.45	999.00	-1.69	999.00	-1.15	0.00
21	12	3	17	137.70	4.54	9.67	36.04	999.00	126.90	4.37	11.85	36.59	115.90	2.92	18.79	37.73	999.00	-1.68	999.00	-1.14	0.00
21	12	3	18	78.80	4.38	5.24	36.02	999.00	67.79	4.59	5.59	36.53	53.18	3.20	7.76	37.61	999.00	-1.62	999.00	-1.10	0.00
21	12	3	19	63.90	7.70	4.14	36.23	999.00	58.27	7.79	4.39	36.76	59.06	5.17	8.69	37.80	999.00	-1.60	999.00	-1.05	0.00
21	12	3	20	69.67	10.23	3.01	36.24	999.00	62.23	10.16	3.53	36.78	57.71	6.47	9.26	37.79	999.00	-1.51	999.00	-0.98	0.00
21	12	3	21	71.90	8.34	4.51	35.97	999.00	64.86	8.29	5.09	36.48	55.73	5.64	9.32	37.49	999.00	-1.48	999.00	-0.96	0.00
21	12	3	22	66.76	8.35	4.18	36.01	999.00	59.05	8.40	3.75	36.49	50.50	4.90	8.84	37.32	999.00	-1.25	999.00	-0.78	0.00
21	12	3	23	100.10	5.62	4.45	36.10	999.00	94.60	5.65	4.19	36.57	103.40	3.20	8.64	37.26	999.00	-1.25	999.00	-0.80	0.00
21	12	3	24	140.30	4.57	4.13	36.19	999.00	137.10	4.37	5.91	36.58	214.90	2.77	7.71	36.44	999.00	0.64	999.00	0.97	0.00
21	12	4	1	172.70	4.10	8.27	36.58	999.00	156.60	4.75	2.94	36.63	213.30	2.97	9.38	35.25	999.00	1.88	999.00	1.82	0.00
21	12	4	2	207.70	6.48	3.12	36.96	999.00	187.60	7.12	2.28	36.77	189.30	1.75	16.73	34.27	999.00	3.55	999.00	3.38	0.00
21	12	4	3	211.90	9.66	1.33	36.93	999.00	207.10	9.28	5.86	36.67	221.50	3.83	8.72	31.79	999.00	5.68	999.00	5.07	0.00
21	12	4	4	243.70	12.45	7.51	36.85	999.00	251.80	13.95	5.66	36.14	256.80	5.51	9.99	31.84	999.00	3.92	999.00	3.34	0.00
21	12	4	5	286.30	15.85	7.42	35.31	999.00	269.50	14.21	9.26	33.84	250.10	5.77	10.09	31.90	999.00	4.05	999.00	1.99	0.00
21	12	4	6	282.10	17.30	4.63	35.06	999.00	257.40	12.28	6.29	32.03	237.30	6.24	8.35	30.78	999.00	5.36	999.00	1.19	0.00
21	12	4	7	270.80	17.42	6.38	32.15	999.00	251.70	13.34	7.12	30.42	238.90	7.72	8.23	30.56	999.00	1.62	999.00	-0.04	0.00
21	12	4	8	251.30	13.52	5.40	30.81	999.00	244.70	12.73	6.01	30.85	239.30	8.88	10.75	31.39	999.00	-1.15	999.00	-0.75	0.00

21	12	4	9	242.10	14.34	4.47	30.78	999.00	234.50	13.63	4.75	31.18	224.10	10.54	8.47	31.98	999.00	-1.27	999.00	-0.85	0.00
21	12	4	10	251.80	15.92	5.26	31.44	999.00	244.70	14.54	6.02	31.78	234.90	11.11	10.31	32.85	999.00	-1.63	999.00	-1.29	0.00
21	12	4	11	254.70	15.95	6.49	33.67	999.00	246.40	14.82	6.22	34.62	236.00	10.34	9.88	35.88	999.00	-1.83	999.00	-0.95	0.00
21	12	4	12	246.30	18.63	6.38	33.67	999.00	239.90	18.08	5.93	34.62	230.40	13.15	10.41	35.88	999.00	-3.54	999.00	-2.32	0.00
21	12	4	13	257.50	17.75	13.55	38.43	999.00	249.00	17.04	12.27	39.22	237.20	12.33	15.60	42.08	999.00	-3.72	999.00	-2.48	0.00
21	12	4	14	275.80	19.34	6.34	41.09	999.00	272.00	18.44	7.40	41.78	264.30	13.57	11.73	43.45	999.00	-2.91	999.00	-2.36	0.00
21	12	4	15	280.30	18.94	7.87	42.32	999.00	274.90	18.72	8.43	42.91	266.30	13.78	12.72	44.86	999.00	-2.39	999.00	-1.76	0.00
21	12	4	16	272.10	17.03	5.54	42.68	999.00	266.10	15.65	6.43	43.25	257.40	10.32	9.77	44.85	999.00	-1.85	999.00	-1.26	0.00
21	12	4	17	278.80	15.03	2.52	42.72	999.00	272.40	14.26	3.02	43.19	258.00	7.41	7.99	43.75	999.00	-0.28	999.00	0.10	0.00
21	12	4	18	276.70	13.92	2.70	41.73	999.00	271.40	12.86	4.69	42.03	250.40	6.80	8.74	41.07	999.00	0.78	999.00	1.09	0.00
21	12	4	19	284.10	16.61	4.62	40.36	999.00	276.40	14.52	5.22	40.46	251.50	6.07	7.97	39.09	999.00	1.27	999.00	1.38	0.00
21	12	4	20	284.30	17.90	2.71	39.20	999.00	277.40	15.90	2.25	39.27	250.80	6.33	7.64	37.98	999.00	1.48	999.00	1.57	0.00
21	12	4	21	284.60	16.49	4.09	39.20	999.00	277.70	14.13	4.78	39.27	250.80	5.96	9.29	37.98	999.00	0.89	999.00	0.94	0.00
21	12	4	22	270.50	13.88	4.73	36.92	999.00	259.90	11.89	5.34	37.08	241.50	5.28	8.83	36.49	999.00	0.20	999.00	0.32	0.00
21	12	4	23	297.00	13.84	3.62	36.39	999.00	289.90	11.72	3.69	36.50	262.80	4.76	7.78	36.03	999.00	0.40	999.00	0.65	0.00
21	12	4	24	321.50	16.11	5.41	36.17	999.00	314.70	15.07	5.90	36.54	302.50	10.26	9.03	36.56	999.00	-1.07	999.00	-0.59	0.00
21	12	5	1	341.60	14.44	6.27	35.94	999.00	335.90	13.84	6.48	36.45	329.30	8.66	9.02	37.18	999.00	-1.33	999.00	-0.80	0.00
21	12	5	2	344.80	9.51	3.64	35.58	999.00	339.40	9.54	3.82	36.09	334.20	5.76	8.54	36.96	999.00	-1.37	999.00	-0.86	0.00
21	12	5	3	2.58	7.04	6.63	35.41	999.00	355.60	6.87	5.51	35.93	347.70	5.24	7.81	36.92	999.00	-1.59	999.00	-1.07	0.00
21	12	5	4	37.83	6.77	10.43	35.36	999.00	33.03	6.61	10.79	35.87	28.17	5.63	14.41	36.93	999.00	-1.53	999.00	-1.02	0.00
21	12	5	5	63.26	12.68	4.51	35.22	999.00	56.89	12.36	4.79	35.74	56.29	7.41	10.68	36.69	999.00	-1.48	999.00	-0.95	0.00
21	12	5	6	85.80	12.64	3.55	35.08	999.00	80.00	12.42	4.49	35.60	77.40	6.87	12.90	36.57	999.00	-1.49	999.00	-0.98	0.00
21	12	5	7	96.80	16.42	3.59	35.07	999.00	91.20	16.10	4.28	35.58	93.00	7.86	15.33	36.48	999.00	-1.43	999.00	-0.92	0.00
21	12	5	8	98.10	18.49	4.24	35.43	999.00	92.10	18.03	5.20	35.93	91.60	8.86	13.75	36.81	999.00	-1.38	999.00	-0.89	0.00
21	12	5	9	111.80	20.30	4.14	36.31	999.00	105.40	19.95	4.35	36.82	103.90	10.21	13.53	37.78	999.00	-1.52	999.00	-0.99	0.00
21	12	5	10	114.90	19.44	3.46	36.10	999.00	108.80	18.83	4.08	36.65	107.00	10.18	13.53	37.80	999.00	-1.78	999.00	-1.22	0.00
21	12	5	11	99.40	19.97	3.50	35.86	999.00	92.40	19.42	4.45	36.45	90.20	10.03	14.86	37.82	999.00	-2.16	999.00	-1.54	0.00
21	12	5	12	113.90	18.98	4.85	36.13	999.00	107.40	18.39	5.90	36.79	105.30	10.18	14.79	38.45	999.00	-2.48	999.00	-1.80	0.00
21	12	5	13	111.40	21.76	4.23	999.00	999.00	104.30	20.72	5.39	999.00	103.60	10.96	14.29	38.39	999.00	-2.13	999.00	-1.53	0.00
21	12	5	14	95.10	21.34	3.18	37.00	999.00	87.50	20.04	4.26	37.53	83.30	9.65	14.44	38.82	999.00	-1.83	999.00	-1.33	0.00
21	12	5	15	110.70	19.45	4.09	38.15	999.00	104.10	17.83	5.10	38.53	98.00	7.87	13.89	39.68	999.00	-1.13	999.00	-0.83	0.00
21	12	5	16	111.10	8.31	4.70	39.52	999.00	95.00	7.08	6.18	39.66	70.00	2.62	17.83	40.59	999.00	-0.83	999.00	-1.17	0.00
21	12	5	17	120.30	17.27	2.92	37.55	999.00	109.10	15.08	4.51	36.72	96.80	6.28	14.36	37.52	999.00	-0.39	999.00	-0.18	0.17
21	12	5	18	140.60	19.80	5.43	36.29	999.00	130.90	16.89	7.36	36.64	124.40	8.03	13.36	37.26	999.00	-0.74	999.00	-0.42	0.05
21	12	5	19	160.70	12.78	5.94	37.63	999.00	143.50	10.57	6.69	37.74	104.10	4.46	11.79	38.23	999.00	0.29	999.00	0.02	0.11
21	12	5	20	181.80	23.14	3.76	40.53	999.00	169.70	18.37	5.18	39.81	144.10	5.85	14.85	39.05	999.00	2.73	999.00	1.61	0.07
21	12	5	21	200.60	25.97	5.10	46.89	999.00	195.90	23.12	6.33	45.94	194.20	11.82	12.32	44.58	999.00	0.22	999.00	0.22	0.03
21	12	5	22	205.00	28.14	5.70	46.89	999.00	200.80	24.98	6.43	45.94	201.70	13.75	12.65	44.58	999.00	-0.09	999.00	1.10	0.02
21	12	5	23	199.70	32.27	4.35	51.43	999.00	193.90	29.07	4.77	52.12	190.30	14.91	12.70	51.43	999.00	0.50	999.00	1.06	0.00
21	12	5	24	228.50	32.21	6.24	55.18	999.00	223.20	29.67	6.41	55.47	215.50	18.79	10.26	54.54	999.00	0.40	999.00	0.67	0.00
21	12	6	1	229.20	27.13	3.89	56.24	999.00	223.40	24.88	4.47	56.58	213.90	15.03	8.68	56.24	999.00	0.12	999.00	0.42	0.00
21	12	6	2	221.50	18.79	5.13	55.58	999.00	216.20	15.86	5.47	55.72	214.70	7.43	10.41	54.92	999.00	0.96	999.00	0.98	0.00
21	12	6	3	222.10	18.51	3.69	56.02	999.00	215.00	16.69	3.61	56.20	204.20	6.95	11.04	55.51	999.00	0.41	999.00	0.65	0.00
21	12	6	4	236.70	16.48	10.18	55.29	999.00	228.80	14.87	11.27	55.54	218.90	6.54	15.21	54.84	999.00	0.37	999.00	0.68	0.00
21	12	6	5	243.70	18.15	3.75	51.87	999.00	237.30	15.90	4.04	52.19	227.90	8.39	7.62	51.52	999.00	0.97	999.00	1.25	0.00
21	12	6	6	261.20	20.69	6.05	49.89	999.00	255.40	19.14	6.30	50.32	246.40	12.16	10.15	50.26	999.00	-1.15	999.00	-0.63	0.00

21	12	6	7	267.50	25.07	6.18	47.09	999.00	262.80	23.76	7.60	47.58	255.30	15.99	11.23	48.39	999.00	-1.43	999.00	-0.87	0.00
21	12	6	8	273.10	26.24	5.14	43.82	999.00	268.00	24.34	5.87	44.34	259.40	15.80	10.55	45.21	999.00	-1.43	999.00	-0.89	0.00
21	12	6	9	261.70	25.24	5.34	41.17	999.00	257.10	23.34	6.30	41.68	250.30	14.65	10.77	42.55	999.00	-1.39	999.00	-0.88	0.00
21	12	6	10	251.80	32.12	4.65	39.85	999.00	247.80	29.78	6.02	40.39	241.60	20.07	10.23	41.36	999.00	-1.61	999.00	-1.05	0.00
21	12	6	11	271.80	38.96	6.87	37.59	999.00	266.40	36.64	7.65	38.17	258.40	24.43	12.21	39.26	999.00	-1.71	999.00	-1.08	0.00
21	12	6	12	258.00	32.04	7.45	34.54	999.00	253.40	30.41	7.83	35.11	247.80	20.75	11.73	36.29	999.00	-1.95	999.00	-1.39	0.00
21	12	6	13	253.70	38.17	4.74	33.71	999.00	248.50	35.98	5.24	34.29	241.30	24.70	10.45	35.73	999.00	-1.93	999.00	-1.35	0.00
21	12	6	14	253.60	37.19	5.05	33.47	999.00	248.60	34.61	6.38	34.05	242.60	23.17	10.22	35.37	999.00	-1.75	999.00	-1.17	0.00
21	12	6	15	260.20	30.18	6.80	33.64	999.00	255.00	28.36	7.77	34.20	247.80	19.25	10.64	35.47	999.00	-1.80	999.00	-1.23	0.00
21	12	6	16	249.70	30.17	6.00	32.80	999.00	244.80	28.23	6.01	33.31	239.10	20.05	10.97	34.33	999.00	-1.64	999.00	-1.09	0.00
21	12	6	17	253.40	32.77	5.43	32.94	999.00	248.50	30.84	6.42	33.49	242.70	21.89	10.06	34.51	999.00	-1.56	999.00	-1.01	0.00
21	12	6	18	250.40	27.45	5.05	32.49	999.00	245.60	25.60	5.41	33.03	237.70	17.79	10.70	34.01	999.00	-1.56	999.00	-1.00	0.00
21	12	6	19	246.70	25.73	5.22	32.14	999.00	241.30	24.11	5.89	32.70	234.10	16.94	10.53	33.71	999.00	-1.57	999.00	-0.99	0.00
21	12	6	20	240.70	21.62	4.15	31.89	999.00	234.90	20.42	4.35	32.45	227.30	14.80	8.50	33.46	999.00	-1.54	999.00	-0.98	0.00
21	12	6	21	250.90	21.99	6.26	31.27	999.00	244.40	20.31	7.30	31.80	236.60	13.61	10.59	32.84	999.00	-1.58	999.00	-1.04	0.00
21	12	6	22	272.00	22.04	6.38	29.62	999.00	266.50	20.50	7.46	30.09	257.20	13.35	10.63	30.94	999.00	-1.32	999.00	-0.83	0.00
21	12	6	23	269.30	24.82	5.27	29.06	999.00	263.60	22.55	6.71	29.55	255.10	14.53	10.62	30.35	999.00	-1.40	999.00	-0.90	0.00
21	12	6	24	264.40	22.43	5.80	28.17	999.00	259.70	20.57	6.63	28.70	252.60	13.43	10.44	29.57	999.00	-1.35	999.00	-0.83	0.00
21	12	7	1	263.00	22.03	5.88	28.17	999.00	257.90	19.90	6.80	28.70	249.90	13.02	11.30	29.57	999.00	-1.50	999.00	-1.02	0.00
21	12	7	2	253.60	20.37	5.04	26.18	999.00	247.80	19.08	5.95	26.72	244.00	12.73	9.97	27.59	999.00	-1.45	999.00	-0.89	0.00
21	12	7	3	255.80	18.68	4.46	24.24	999.00	250.90	17.23	5.08	24.76	243.60	10.93	9.46	25.61	999.00	-1.36	999.00	-0.85	0.00
21	12	7	4	257.10	17.29	5.33	23.22	999.00	251.20	15.71	5.89	23.72	243.60	10.38	9.54	24.55	999.00	-1.31	999.00	-0.82	0.00
21	12	7	5	259.30	17.12	5.63	22.35	999.00	254.00	15.89	6.25	22.87	246.50	10.06	10.13	23.74	999.00	-1.32	999.00	-0.82	0.00
21	12	7	6	270.10	13.75	5.20	21.66	999.00	264.00	12.36	6.05	22.15	253.80	8.10	9.67	23.04	999.00	-1.31	999.00	-0.82	0.00
21	12	7	7	276.00	11.17	3.71	21.50	999.00	263.10	10.05	4.43	21.84	242.20	5.48	8.96	22.40	999.00	-0.97	999.00	-0.66	0.00
21	12	7	8	281.90	13.14	7.16	21.80	999.00	271.60	12.46	7.77	22.10	248.60	7.42	13.59	22.91	999.00	-1.21	999.00	-0.77	0.00
21	12	7	9	281.40	11.87	5.56	21.61	999.00	274.90	11.88	6.70	22.15	267.00	8.93	10.46	23.33	999.00	-1.82	999.00	-1.26	0.00
21	12	7	10	289.00	8.19	11.49	21.12	999.00	284.90	7.98	10.65	21.68	279.00	6.06	14.99	23.08	999.00	-2.01	999.00	-1.45	0.00
21	12	7	11	263.80	5.77	20.45	21.28	999.00	262.30	5.70	20.17	21.84	263.20	4.76	18.34	23.33	999.00	-2.08	999.00	-1.52	0.00
21	12	7	12	244.70	9.30	10.45	21.84	999.00	240.80	9.11	11.41	22.42	237.50	7.42	16.13	24.04	999.00	-2.34	999.00	-1.72	0.00
21	12	7	13	238.90	11.60	10.31	22.12	999.00	234.20	11.25	11.15	22.68	230.30	8.30	14.08	24.42	999.00	-2.33	999.00	-1.80	0.00
21	12	7	14	239.70	13.00	8.93	22.59	999.00	234.50	12.76	9.60	23.15	227.20	10.26	12.85	24.73	999.00	-2.16	999.00	-1.59	0.00
21	12	7	15	246.20	12.38	10.35	22.97	999.00	240.40	12.17	10.21	23.51	231.90	9.24	12.55	25.03	999.00	-2.07	999.00	-1.51	0.00
21	12	7	16	261.30	11.18	9.15	23.11	999.00	256.60	10.84	10.17	23.68	247.70	7.55	13.16	25.15	999.00	-1.92	999.00	-1.36	0.00
21	12	7	17	242.80	10.50	6.18	23.13	999.00	238.40	10.24	6.89	23.67	231.30	7.54	11.21	24.90	999.00	-1.68	999.00	-1.15	0.00
21	12	7	18	231.00	8.38	5.13	23.12	999.00	224.70	8.09	5.59	23.65	217.20	6.65	7.21	24.70	999.00	-1.57	999.00	-1.04	0.00
21	12	7	19	210.90	9.42	4.08	22.82	999.00	202.60	8.44	5.10	23.30	195.60	5.29	12.30	24.38	999.00	-1.62	999.00	-1.14	0.00
21	12	7	20	241.10	8.64	7.20	22.82	999.00	235.00	8.47	8.46	23.30	225.60	6.66	10.67	24.38	999.00	-1.64	999.00	-1.09	0.00
21	12	7	21	230.90	6.51	7.45	22.63	999.00	225.00	6.29	7.61	23.16	214.50	5.24	11.19	24.26	999.00	-1.65	999.00	-1.13	0.00
21	12	7	22	218.10	4.81	8.71	22.47	999.00	207.10	4.62	8.65	23.00	199.20	3.73	13.59	24.12	999.00	-1.66	999.00	-1.14	0.00
21	12	7	23	206.50	3.84	13.27	22.39	999.00	197.60	3.79	16.28	22.91	187.50	3.04	12.10	24.05	999.00	-1.65	999.00	-1.13	0.00
21	12	7	24	158.70	3.91	9.57	22.40	999.00	151.60	3.76	11.88	22.93	157.70	2.88	27.55	24.11	999.00	-1.69	999.00	-1.16	0.00
21	12	8	1	232.50	4.45	7.98	22.62	999.00	225.80	4.95	7.76	23.15	219.70	4.01	13.55	24.32	999.00	-1.67	999.00	-1.14	0.00
21	12	8	2	183.10	7.87	6.16	22.66	999.00	176.90	7.49	7.41	23.17	178.70	4.62	17.05	24.40	999.00	-1.75	999.00	-1.28	0.00
21	12	8	3	179.00	9.76	2.27	22.56	999.00	172.30	8.74	3.15	22.92	178.40	3.71	10.56	23.81	999.00	-0.91	999.00	-0.66	0.00
21	12	8	4	180.50	9.48	3.08	22.59	999.00	170.60	8.07	3.93	22.84	161.80	3.45	16.30	23.48	999.00	-0.93	999.00	-0.72	0.00

21	12	8	5	170.40	11.56	2.30	22.76	999.00	157.10	10.16	4.15	22.95	140.70	4.65	14.07	23.62	999.00	-1.08	999.00	-0.83	0.00
21	12	8	6	187.40	10.90	4.07	22.91	999.00	178.80	9.87	5.83	23.30	175.40	6.46	10.91	24.48	999.00	-1.75	999.00	-1.28	0.00
21	12	8	7	207.90	9.55	5.18	22.84	999.00	201.80	9.20	6.67	23.36	196.30	6.36	12.33	24.59	999.00	-1.72	999.00	-1.20	0.00
21	12	8	8	210.80	9.64	6.31	22.80	999.00	203.50	9.16	6.52	23.33	198.90	5.61	15.14	24.59	999.00	-1.80	999.00	-1.27	0.00
21	12	8	9	224.70	13.86	5.05	23.19	999.00	218.80	13.48	5.99	23.72	212.60	9.84	10.92	24.98	999.00	-1.82	999.00	-1.30	0.00
21	12	8	10	229.80	14.03	5.36	23.87	999.00	224.60	13.77	6.62	24.40	220.50	10.49	10.87	25.79	999.00	-2.03	999.00	-1.49	0.00
21	12	8	11	228.50	12.83	4.48	24.76	999.00	224.60	12.87	5.04	25.30	221.90	10.36	9.53	26.85	999.00	-1.99	999.00	-1.45	0.00
21	12	8	12	232.30	13.26	6.06	24.76	999.00	228.60	12.89	6.46	25.30	225.30	10.62	10.44	26.85	999.00	-2.11	999.00	-1.56	0.00
21	12	8	13	240.60	16.05	5.29	27.08	999.00	235.90	15.47	6.06	27.61	229.40	10.95	10.73	29.34	999.00	-2.29	999.00	-1.76	0.00
21	12	8	14	244.50	11.46	6.99	27.98	999.00	238.20	11.39	7.27	28.53	229.30	8.69	12.52	30.20	999.00	-2.17	999.00	-1.61	0.00
21	12	8	15	239.90	12.91	4.39	27.98	999.00	235.00	12.54	5.11	28.53	228.30	9.15	10.11	30.20	999.00	-2.01	999.00	-1.45	0.00
21	12	8	16	253.00	14.41	4.42	29.51	999.00	248.60	13.86	5.73	30.07	243.30	10.06	11.05	31.39	999.00	-1.85	999.00	-1.30	0.00
21	12	8	17	253.10	15.55	6.16	29.59	999.00	247.60	14.81	6.44	30.12	238.50	9.53	11.20	31.23	999.00	-1.57	999.00	-1.05	0.00
21	12	8	18	254.90	9.23	5.02	29.57	999.00	248.70	8.32	5.67	30.10	240.10	5.30	10.58	31.11	999.00	-1.45	999.00	-0.95	0.00
21	12	8	19	266.30	12.28	3.27	29.66	999.00	260.30	11.03	4.62	30.12	249.50	5.71	10.45	30.75	999.00	-0.85	999.00	-0.44	0.00
21	12	8	20	268.70	11.76	8.01	29.40	999.00	261.00	10.11	10.00	29.81	257.10	5.03	11.86	30.33	999.00	-0.92	999.00	-0.56	0.00
21	12	8	21	263.30	11.63	3.03	29.51	999.00	255.80	10.12	4.18	29.86	241.60	5.58	8.43	30.39	999.00	-1.13	999.00	-0.74	0.00
21	12	8	22	252.30	10.45	3.97	29.53	999.00	244.80	9.11	4.78	29.98	235.40	6.01	8.68	30.87	999.00	-1.42	999.00	-0.97	0.00
21	12	8	23	225.80	3.35	23.74	29.48	999.00	198.40	3.19	34.31	29.84	143.90	2.37	28.56	30.58	999.00	-1.13	999.00	-0.80	0.00
21	12	8	24	261.20	6.99	8.57	29.43	999.00	243.00	6.91	9.02	29.72	203.40	3.40	17.23	29.91	999.00	-0.03	999.00	0.23	0.00
21	12	9	1	238.10	6.45	4.28	29.35	999.00	226.40	7.27	4.11	29.63	193.70	3.80	8.01	29.23	999.00	0.20	999.00	0.53	0.00
21	12	9	2	231.90	7.62	2.64	29.19	999.00	221.30	7.89	2.30	29.48	192.00	3.06	9.47	28.62	999.00	0.66	999.00	0.98	0.00
21	12	9	3	239.30	7.40	1.61	29.02	999.00	228.30	8.19	1.07	29.33	198.60	3.00	7.27	27.99	999.00	1.28	999.00	1.54	0.00
21	12	9	4	249.90	4.25	3.13	29.24	999.00	243.70	4.65	6.33	29.45	183.70	2.32	10.92	27.55	999.00	1.84	999.00	2.05	0.00
21	12	9	5	228.30	0.76	12.21	29.35	999.00	220.00	3.61	7.60	29.52	183.80	3.63	13.70	27.47	999.00	1.94	999.00	2.04	0.00
21	12	9	6	178.30	1.43	4.34	29.19	999.00	175.10	6.05	2.54	28.98	165.70	3.28	10.64	27.08	999.00	2.18	999.00	1.87	0.00
21	12	9	7	153.70	6.93	9.57	29.13	999.00	153.50	8.38	9.84	29.02	146.40	3.20	20.61	26.83	999.00	2.14	999.00	2.03	0.00
21	12	9	8	157.60	12.33	1.14	29.32	999.00	155.30	12.39	1.61	29.47	158.50	4.57	11.84	27.27	999.00	2.11	999.00	1.84	0.00
21	12	9	9	173.90	14.97	1.90	28.08	999.00	167.30	11.76	2.26	27.38	166.10	4.32	12.08	27.20	999.00	0.33	999.00	-0.02	0.00
21	12	9	10	174.00	13.88	4.07	28.25	999.00	163.80	11.65	5.59	27.89	158.20	5.44	15.43	28.37	999.00	-0.89	999.00	-0.84	0.00
21	12	9	11	146.40	14.69	5.41	28.67	999.00	136.20	12.83	6.89	29.09	131.70	7.25	14.42	30.16	999.00	-1.46	999.00	-1.09	0.00
21	12	9	12	154.30	12.51	7.20	29.93	999.00	147.40	11.19	8.45	30.38	147.20	6.31	16.38	31.56	999.00	-1.67	999.00	-1.17	0.00
21	12	9	13	146.70	10.45	9.14	31.79	999.00	136.80	9.83	9.11	32.37	130.30	6.95	16.68	33.61	999.00	-1.97	999.00	-1.36	0.00
21	12	9	14	138.30	14.33	4.87	33.28	999.00	129.40	13.59	5.74	33.81	123.50	8.01	13.14	35.07	999.00	-1.65	999.00	-1.15	0.00
21	12	9	15	134.90	17.41	5.95	33.28	999.00	126.00	16.07	6.94	33.81	122.30	8.68	16.17	35.07	999.00	-1.43	999.00	-0.96	0.00
21	12	9	16	125.90	24.65	4.27	35.59	999.00	117.80	23.23	4.39	36.03	114.80	12.17	14.20	36.92	999.00	-1.18	999.00	-0.79	0.00
21	12	9	17	134.80	21.60	5.55	36.55	999.00	126.30	19.94	5.70	36.93	124.50	10.63	13.99	37.65	999.00	-1.13	999.00	-0.73	0.00
21	12	9	18	149.00	16.39	4.64	36.55	999.00	140.30	13.92	6.35	36.93	131.80	7.24	12.14	37.65	999.00	-1.00	999.00	-0.71	0.00
21	12	9	19	160.40	17.72	4.54	37.56	999.00	151.80	15.24	6.08	37.82	144.70	7.59	16.69	38.35	999.00	-0.69	999.00	-0.46	0.00
21	12	9	20	177.80	21.34	3.06	39.20	999.00	168.70	18.17	3.79	39.12	162.70	7.18	12.99	39.21	999.00	0.34	999.00	0.21	0.00
21	12	9	21	183.20	21.77	3.52	40.76	999.00	176.30	19.13	4.84	40.88	173.50	9.40	11.37	41.00	999.00	-0.50	999.00	-0.30	0.00
21	12	9	22	188.30	18.53	3.50	41.10	999.00	182.40	16.05	4.90	41.29	188.30	7.00	14.46	41.53	999.00	-0.44	999.00	-0.23	0.00
21	12	9	23	196.50	18.98	4.21	41.21	999.00	190.00	16.87	5.15	41.41	192.30	7.25	13.51	41.51	999.00	-0.39	999.00	-0.16	0.00
21	12	9	24	209.00	16.77	3.51	41.37	999.00	201.60	14.28	3.52	41.45	196.50	5.60	11.91	41.37	999.00	0.31	999.00	0.28	0.00
21	12	10	1	215.50	18.54	2.64	42.09	999.00	206.40	14.94	3.31	41.88	194.00	5.49	13.47	41.35	999.00	1.16	999.00	0.80	0.00
21	12	10	2	223.10	17.84	4.34	43.07	999.00	207.70	15.06	4.20	42.63	189.20	5.26	11.54	41.74	999.00	1.80	999.00	1.14	0.00

21	12	10	3	229.90	19.38	1.78	44.05	999.00	217.80	16.29	2.70	43.49	197.00	5.52	11.11	41.95	999.00	2.10	999.00	1.64	0.00
21	12	10	4	231.80	16.41	2.53	44.05	999.00	220.60	13.55	2.12	43.49	196.80	4.50	10.56	41.95	999.00	1.98	999.00	1.74	0.00
21	12	10	5	242.20	15.63	2.05	44.29	999.00	227.30	12.60	2.20	44.00	191.50	4.02	8.17	41.83	999.00	2.87	999.00	2.48	0.00
21	12	10	6	225.00	16.92	2.25	44.27	999.00	212.70	13.77	3.00	44.09	181.70	4.74	6.49	40.90	999.00	3.96	999.00	3.65	0.00
21	12	10	7	250.00	15.42	2.19	45.13	999.00	234.70	12.81	3.02	44.84	195.10	3.37	9.99	41.44	999.00	3.51	999.00	3.21	0.00
21	12	10	8	230.30	11.92	3.09	44.76	999.00	209.00	10.46	2.26	44.51	177.90	2.98	6.11	41.05	999.00	3.87	999.00	3.12	0.00
21	12	10	9	234.30	12.51	2.06	45.25	999.00	220.30	12.95	3.21	44.36	194.00	3.47	7.82	41.71	999.00	3.38	999.00	2.85	0.00
21	12	10	10	222.60	8.47	2.97	45.31	999.00	208.60	8.01	3.33	44.99	140.80	2.57	9.94	42.59	999.00	1.42	999.00	1.29	0.00
21	12	10	11	218.90	6.22	1.92	45.31	999.00	189.20	4.69	7.36	44.99	144.80	1.99	17.70	42.59	999.00	-0.52	999.00	-0.47	0.00
21	12	10	12	169.00	4.43	4.89	44.38	999.00	143.10	4.41	7.32	45.09	105.80	4.18	13.18	45.46	999.00	0.03	999.00	0.43	0.00
21	12	10	13	156.40	7.39	5.28	45.55	999.00	144.70	7.39	5.61	45.96	108.60	4.22	9.06	44.86	999.00	1.10	999.00	1.55	0.00
21	12	10	14	129.70	9.57	4.41	45.55	999.00	116.60	8.77	4.85	45.96	86.80	4.16	13.56	44.86	999.00	-0.05	999.00	0.14	0.00
21	12	10	15	121.90	11.82	2.84	46.03	999.00	111.80	11.88	1.64	46.23	95.50	4.36	12.89	44.88	999.00	2.12	999.00	2.35	0.00
21	12	10	16	117.40	13.65	2.02	46.71	999.00	106.00	13.78	2.16	46.81	102.20	4.93	12.46	44.69	999.00	2.99	999.00	2.97	0.00
21	12	10	17	115.50	18.80	1.07	47.61	999.00	108.30	16.88	0.62	47.31	94.40	5.29	12.56	44.03	999.00	3.75	999.00	3.34	0.00
21	12	10	18	108.60	22.72	1.45	48.24	999.00	101.70	20.21	1.17	47.60	93.60	7.57	12.40	43.74	999.00	3.71	999.00	3.26	0.00
21	12	10	19	117.80	21.18	0.87	47.75	999.00	107.50	17.33	1.24	46.70	89.80	5.08	14.00	43.18	999.00	5.64	999.00	3.90	0.00
21	12	10	20	144.70	24.07	3.63	50.39	999.00	131.20	20.56	3.99	48.95	106.60	6.24	8.37	43.60	999.00	6.49	999.00	5.65	0.00
21	12	10	21	149.40	21.74	4.68	49.55	999.00	140.20	18.47	5.42	49.27	123.60	6.98	13.33	45.89	999.00	2.79	999.00	2.83	0.01
21	12	10	22	169.00	20.66	3.94	50.74	999.00	161.70	17.92	4.69	50.78	158.10	8.35	13.07	50.29	999.00	0.29	999.00	0.51	0.00
21	12	10	23	173.40	24.04	3.89	52.15	999.00	165.00	21.14	4.99	52.43	158.90	9.09	14.13	51.83	999.00	0.32	999.00	0.62	0.00
21	12	10	24	165.20	32.53	4.70	53.64	999.00	157.20	29.64	5.99	53.90	153.70	15.16	14.91	53.47	999.00	-0.05	999.00	0.15	0.00
21	12	11	1	172.20	35.06	4.52	55.16	999.00	165.60	31.44	5.67	55.51	162.80	15.99	14.92	55.58	999.00	-0.42	999.00	-0.06	0.01
21	12	11	2	180.70	37.89	4.81	57.00	999.00	173.90	35.14	5.84	57.26	171.20	18.78	12.00	57.45	999.00	-0.53	999.00	-0.23	0.04
21	12	11	3	185.50	39.73	4.97	58.03	999.00	178.60	36.39	6.01	58.35	174.90	20.56	11.86	58.32	999.00	-0.25	999.00	0.06	0.09
21	12	11	4	205.00	35.95	4.43	59.40	999.00	198.50	32.99	5.42	60.10	193.60	17.18	12.75	59.80	999.00	-0.48	999.00	0.53	0.01
21	12	11	5	218.20	31.77	5.20	59.31	999.00	211.40	29.11	6.11	59.76	205.30	16.45	11.93	59.72	999.00	-0.52	999.00	-0.08	0.03
21	12	11	6	205.90	26.16	3.98	56.94	999.00	198.90	23.62	5.00	57.49	195.50	11.85	13.42	57.23	999.00	-0.55	999.00	0.77	0.01
21	12	11	7	192.10	26.09	4.07	56.75	999.00	184.80	23.24	4.84	57.64	178.90	12.18	11.16	56.56	999.00	0.32	999.00	0.79	0.00
21	12	11	8	194.60	31.26	4.80	57.80	999.00	187.60	28.15	5.80	57.97	183.20	15.12	11.67	57.30	999.00	0.60	999.00	0.73	0.00
21	12	11	9	197.30	31.26	4.24	58.72	999.00	190.60	27.96	4.89	58.86	186.80	13.62	13.43	58.56	999.00	-0.02	999.00	0.09	0.00
21	12	11	10	199.00	32.09	4.97	60.08	999.00	192.50	29.58	5.32	60.34	188.50	15.20	13.06	60.56	999.00	-0.64	999.00	-0.31	0.00
21	12	11	11	205.30	29.89	6.34	60.96	999.00	199.30	28.00	7.43	61.31	195.70	15.17	13.25	61.86	999.00	-1.25	999.00	-0.81	0.00
21	12	11	12	244.70	45.83	6.07	50.07	999.00	239.10	43.67	6.64	50.68	232.70	30.33	10.85	51.79	999.00	-1.69	999.00	-1.15	0.04
21	12	11	13	247.50	49.29	6.85	41.07	999.00	242.10	46.84	7.60	41.68	236.60	32.53	10.34	42.99	999.00	-1.84	999.00	-1.27	0.00
21	12	11	14	248.80	46.56	5.71	41.07	999.00	242.90	43.46	6.39	41.68	237.20	29.67	10.89	42.99	999.00	-1.80	999.00	-1.22	0.00
21	12	11	15	249.90	42.66	5.28	36.67	999.00	245.20	40.32	6.07	37.24	239.10	27.36	10.78	38.43	999.00	-1.74	999.00	-1.17	0.00
21	12	11	16	246.90	37.62	5.46	36.53	999.00	241.30	35.83	5.62	37.10	235.30	25.61	9.41	38.23	999.00	-1.66	999.00	-1.10	0.00
21	12	11	17	248.40	35.47	4.45	36.78	999.00	242.80	33.16	5.41	37.33	234.70	23.00	9.29	38.39	999.00	-1.57	999.00	-1.02	0.00
21	12	11	18	259.80	25.27	6.38	36.02	999.00	254.20	22.92	7.17	36.48	245.80	15.19	10.17	37.24	999.00	-0.81	999.00	-0.48	0.00
21	12	11	19	267.70	24.66	7.15	37.22	999.00	261.80	22.51	8.15	37.65	252.00	14.65	11.63	38.38	999.00	-1.25	999.00	-0.79	0.00
21	12	11	20	260.20	28.28	5.73	37.57	999.00	254.00	26.36	6.54	38.04	243.80	16.25	10.36	38.81	999.00	-1.16	999.00	-0.68	0.00
21	12	11	21	255.50	22.05	5.26	36.67	999.00	250.10	19.68	6.16	37.08	243.50	12.01	9.94	37.51	999.00	-0.65	999.00	-0.29	0.00
21	12	11	22	234.90	21.07	4.20	35.50	999.00	228.10	18.78	4.95	35.89	218.40	11.50	7.89	36.30	999.00	-0.58	999.00	-0.24	0.00
21	12	11	23	239.90	22.41	3.87	33.67	999.00	233.40	20.52	3.90	34.04	226.20	13.21	8.91	34.45	999.00	-1.10	999.00	-0.65	0.00
21	12	11	24	239.90	24.31	4.07	33.04	999.00	233.10	22.16	4.35	33.48	225.10	15.35	8.14	34.21	999.00	-1.16	999.00	-0.71	0.00

21	12	12	1	241.80	22.92	3.86	32.69	999.00	234.50	20.89	4.02	33.09	226.10	14.37	7.86	33.78	999.00	-1.06	999.00	-0.66	0.00
21	12	12	2	241.30	22.46	3.35	32.50	999.00	234.60	20.10	4.16	32.87	227.10	13.19	8.55	33.54	999.00	-1.06	999.00	-0.69	0.00
21	12	12	3	245.40	22.15	4.48	32.33	999.00	239.20	19.98	4.93	32.74	231.20	13.04	8.34	33.42	999.00	-1.13	999.00	-0.69	0.00
21	12	12	4	243.70	20.68	3.84	31.92	999.00	236.90	18.84	4.27	32.35	226.00	12.48	7.63	33.06	999.00	-1.07	999.00	-0.66	0.00
21	12	12	5	239.10	20.81	3.16	31.30	999.00	232.20	18.78	3.76	31.64	220.70	12.58	7.61	32.24	999.00	-0.93	999.00	-0.60	0.00
21	12	12	6	239.90	20.45	3.00	30.94	999.00	232.80	18.21	3.65	31.27	221.30	11.42	7.98	31.90	999.00	-0.85	999.00	-0.58	0.00
21	12	12	7	230.80	19.64	2.80	31.08	999.00	221.30	16.84	3.82	31.27	207.60	8.38	9.67	31.66	999.00	-0.19	999.00	-0.11	0.00
21	12	12	8	222.20	21.77	4.05	31.31	999.00	214.70	18.68	4.73	31.36	205.10	9.30	10.59	31.50	999.00	-0.22	999.00	-0.12	0.00
21	12	12	9	228.80	23.97	4.14	32.40	999.00	221.90	21.55	4.95	32.51	214.00	13.20	9.31	32.73	999.00	-0.80	999.00	-0.55	0.00
21	12	12	10	225.80	22.13	4.39	32.40	999.00	219.00	20.60	5.05	32.51	212.80	13.96	9.53	32.73	999.00	-1.57	999.00	-1.14	0.00
21	12	12	11	227.50	20.07	4.84	36.33	999.00	221.20	18.83	5.63	36.80	217.60	13.98	9.31	38.22	999.00	-2.01	999.00	-1.51	0.00
21	12	12	12	227.30	21.75	5.12	38.44	999.00	222.00	20.87	5.28	38.90	217.80	15.44	9.80	40.42	999.00	-2.05	999.00	-1.61	0.00
21	12	12	13	229.40	25.01	4.95	40.96	999.00	224.50	24.20	5.49	41.33	218.90	17.63	9.83	42.98	999.00	-1.95	999.00	-1.61	0.00
21	12	12	14	231.30	26.49	5.53	42.72	999.00	226.00	25.34	6.15	43.05	219.60	18.35	9.71	44.60	999.00	-1.78	999.00	-1.43	0.00
21	12	12	15	223.10	27.05	4.66	43.68	999.00	217.10	25.48	5.43	44.14	211.70	16.86	10.22	45.51	999.00	-1.81	999.00	-1.32	0.00
21	12	12	16	226.80	26.83	3.93	44.05	999.00	221.30	25.23	4.57	44.53	214.20	16.46	8.79	45.53	999.00	-1.28	999.00	-0.81	0.00
21	12	12	17	226.40	25.67	3.91	43.55	999.00	220.50	23.44	3.98	43.97	213.30	14.43	8.55	44.35	999.00	-0.46	999.00	-0.10	0.00
21	12	12	18	213.90	25.90	2.64	42.66	999.00	206.60	23.29	3.48	42.87	197.80	10.39	11.31	42.47	999.00	0.47	999.00	0.63	0.00
21	12	12	19	206.90	25.75	3.37	41.33	999.00	198.90	22.63	4.25	41.41	191.90	10.07	12.53	41.01	999.00	0.20	999.00	0.26	0.00
21	12	12	20	210.90	26.55	4.03	41.33	999.00	204.80	23.84	4.51	41.41	198.70	11.00	12.11	41.01	999.00	-0.16	999.00	0.06	0.00
21	12	12	21	211.80	23.34	3.45	39.78	999.00	204.10	20.09	4.36	40.00	196.80	9.69	11.88	39.90	999.00	0.00	999.00	0.12	0.00
21	12	12	22	207.60	22.18	3.22	38.38	999.00	198.80	19.62	3.60	38.48	190.60	8.39	11.90	38.13	999.00	0.32	999.00	0.39	0.00
21	12	12	23	207.70	21.71	3.01	37.46	999.00	198.60	19.10	3.05	37.39	187.00	8.51	11.25	36.90	999.00	0.60	999.00	0.46	0.00
21	12	12	24	215.70	23.34	2.47	37.23	999.00	207.50	19.67	2.66	36.92	199.40	7.83	10.69	36.08	999.00	1.30	999.00	1.03	0.00
21	12	13	1	214.10	24.26	1.68	37.10	999.00	206.30	20.91	2.51	36.85	199.30	9.96	11.10	36.18	999.00	0.65	999.00	0.36	0.00
21	12	13	2	214.90	23.76	2.73	36.81	999.00	207.30	20.74	3.30	36.65	202.70	10.14	11.03	36.32	999.00	0.22	999.00	0.19	0.00
21	12	13	3	223.60	22.12	1.86	36.50	999.00	216.50	19.04	2.23	36.41	208.40	8.56	8.50	35.71	999.00	1.05	999.00	0.97	0.00
21	12	13	4	214.20	24.03	2.28	36.09	999.00	206.20	20.91	2.87	35.97	199.40	9.28	11.37	35.23	999.00	0.71	999.00	0.58	0.00
21	12	13	5	219.00	23.64	2.95	35.32	999.00	210.20	20.04	3.51	35.14	202.40	8.75	11.08	34.69	999.00	1.01	999.00	0.67	0.00
21	12	13	6	221.10	26.12	2.97	36.36	999.00	212.50	22.03	3.89	35.99	198.60	8.94	11.44	34.68	999.00	1.77	999.00	1.42	0.00
21	12	13	7	213.80	22.36	2.80	35.94	999.00	203.10	18.47	3.81	35.61	189.60	7.29	10.89	34.89	999.00	1.18	999.00	0.73	0.00
21	12	13	8	209.40	21.33	2.83	34.33	999.00	201.10	17.94	3.42	33.98	192.50	6.86	10.67	33.45	999.00	0.79	999.00	0.60	0.00
21	12	13	9	209.00	21.94	3.51	34.60	999.00	200.90	18.81	4.30	34.41	193.30	8.74	11.86	34.39	999.00	-0.34	999.00	-0.36	0.00
21	12	13	10	213.70	21.88	4.88	34.60	999.00	207.50	19.36	5.74	34.41	203.70	11.01	11.55	34.39	999.00	-1.57	999.00	-1.23	0.00
21	12	13	11	222.30	22.79	4.70	38.80	999.00	215.80	21.07	5.18	39.18	211.40	14.13	9.75	40.68	999.00	-2.05	999.00	-1.63	0.00
21	12	13	12	229.80	24.17	5.11	41.90	999.00	224.80	23.54	5.06	42.34	218.80	16.97	8.95	43.83	999.00	-2.01	999.00	-1.55	0.00
21	12	13	13	236.80	23.28	2.76	43.62	999.00	232.00	22.97	3.11	44.01	226.60	17.08	8.84	45.59	999.00	-1.80	999.00	-1.47	0.00
21	12	13	14	230.10	18.90	5.78	44.77	999.00	224.30	18.43	6.35	45.09	221.50	12.94	8.91	46.67	999.00	-1.74	999.00	-1.41	0.00
21	12	13	15	220.00	21.12	4.41	45.47	999.00	214.20	20.28	5.23	45.92	210.20	13.35	11.05	47.52	999.00	-2.04	999.00	-1.53	0.00
21	12	13	16	217.40	22.15	4.18	45.81	999.00	211.70	20.69	4.76	46.30	205.80	12.05	11.23	47.42	999.00	-1.51	999.00	-1.00	0.00
21	12	13	17	224.10	20.54	2.36	45.73	999.00	217.80	18.53	3.08	46.14	207.50	9.27	9.82	46.50	999.00	-0.14	999.00	0.17	0.00
21	12	13	18	222.60	21.91	1.42	45.45	999.00	215.00	18.95	1.65	45.54	201.40	7.24	10.02	44.15	999.00	1.74	999.00	1.70	0.00
21	12	13	19	229.10	19.54	1.49	44.53	999.00	220.70	16.28	1.83	44.38	212.10	5.80	6.68	42.52	999.00	2.51	999.00	2.34	0.00
21	12	13	20	232.70	20.83	1.39	43.72	999.00	223.20	17.39	1.60	43.47	209.30	5.62	6.95	41.09	999.00	2.93	999.00	2.56	0.00
21	12	13	21	240.80	21.09	2.08	43.05	999.00	232.30	16.71	2.28	42.54	218.20	6.55	4.45	40.10	999.00	3.17	999.00	2.48	0.00
21	12	13	22	257.10	20.08	0.71	43.66	999.00	247.40	14.77	1.06	42.28	224.40	5.30	7.14	39.60	999.00	4.23	999.00	2.49	0.00

21	12	13	23	268.90	16.22	1.38	42.58	999.00	254.20	13.65	1.57	41.43	200.40	3.54	10.17	38.77	999.00	4.11	999.00	2.75	0.00
21	12	13	24	287.10	10.78	0.96	42.49	999.00	264.20	10.67	1.28	41.69	179.10	2.18	13.09	37.95	999.00	4.87	999.00	4.16	0.00
21	12	14	1	297.80	9.07	2.23	42.66	999.00	267.60	8.06	4.24	41.51	139.30	2.20	8.20	36.01	999.00	6.68	999.00	5.48	0.00
21	12	14	2	288.40	7.41	5.29	42.36	999.00	246.10	8.13	3.67	40.97	177.80	3.23	11.97	35.09	999.00	6.82	999.00	5.20	0.00
21	12	14	3	318.90	6.55	5.00	41.79	999.00	282.50	6.95	6.40	40.85	219.50	4.54	6.03	35.98	999.00	5.28	999.00	4.90	0.00
21	12	14	4	23.22	5.20	12.69	41.79	999.00	358.10	5.21	9.77	40.85	215.00	1.64	9.95	35.98	999.00	5.87	999.00	5.92	0.00
21	12	14	5	56.40	6.06	6.76	41.84	999.00	19.05	3.75	10.28	41.36	201.20	1.82	13.30	35.07	999.00	7.30	999.00	6.70	0.00
21	12	14	6	42.81	4.41	8.21	41.31	999.00	3.30	4.05	5.57	40.59	199.40	1.38	16.01	33.55	999.00	7.69	999.00	7.21	0.00
21	12	14	7	44.26	7.73	4.20	41.31	999.00	22.88	5.78	4.44	40.59	180.10	1.41	10.18	33.55	999.00	5.59	999.00	4.60	0.00
21	12	14	8	68.60	8.79	1.60	39.44	999.00	54.02	6.93	1.50	38.15	175.90	2.00	7.05	32.31	999.00	7.59	999.00	6.15	0.00
21	12	14	9	85.60	14.09	2.85	39.66	999.00	74.10	11.76	1.55	38.17	114.30	2.93	15.53	33.60	999.00	4.57	999.00	2.98	0.00
21	12	14	10	92.70	17.08	1.30	39.66	999.00	85.90	13.36	1.83	38.17	85.20	4.01	13.51	33.60	999.00	1.11	999.00	0.33	0.00
21	12	14	11	104.40	16.14	1.25	39.29	999.00	93.20	13.61	5.58	38.51	87.90	5.82	15.95	38.81	999.00	-0.28	999.00	-0.84	0.00
21	12	14	12	106.90	12.30	3.65	39.91	999.00	97.50	9.72	8.74	40.02	92.70	6.24	17.71	41.35	999.00	-1.57	999.00	-1.42	0.00
21	12	14	13	101.20	12.29	2.18	41.26	999.00	90.00	11.46	6.63	41.35	77.40	5.74	18.03	42.89	999.00	-1.76	999.00	-1.78	0.00
21	12	14	14	100.30	14.87	2.50	42.00	999.00	88.30	16.66	2.87	41.61	81.30	8.11	14.57	42.89	999.00	-0.03	999.00	-0.85	0.00
21	12	14	15	99.90	17.81	1.76	42.24	999.00	87.40	15.54	2.82	41.36	76.10	8.32	12.00	41.69	999.00	0.78	999.00	-0.30	0.00
21	12	14	16	104.10	17.96	1.40	43.01	999.00	93.40	15.92	1.42	42.03	82.70	5.27	12.98	42.03	999.00	2.23	999.00	1.26	0.00
21	12	14	17	113.30	15.20	1.18	44.82	999.00	100.30	16.16	1.50	44.20	83.70	5.28	12.63	41.12	999.00	3.97	999.00	3.29	0.00
21	12	14	18	108.10	18.01	1.03	44.75	999.00	93.30	18.65	1.75	43.55	83.50	5.50	11.13	41.06	999.00	4.16	999.00	2.22	0.00
21	12	14	19	121.00	22.41	0.46	45.25	999.00	104.90	19.58	1.84	42.40	93.10	6.72	12.13	40.74	999.00	5.84	999.00	1.81	0.00
21	12	14	20	128.30	21.85	2.42	46.63	999.00	115.70	18.85	2.47	43.73	109.60	5.84	13.15	40.65	999.00	5.11	999.00	3.70	0.00
21	12	14	21	136.90	19.40	2.09	45.71	999.00	126.10	15.98	2.14	45.12	102.10	5.20	9.04	41.76	999.00	3.95	999.00	3.53	0.00
21	12	14	22	142.70	21.83	1.91	46.83	999.00	127.90	18.89	2.05	45.85	112.70	7.74	9.44	42.72	999.00	4.12	999.00	2.92	0.00
21	12	14	23	142.40	16.52	6.14	46.29	999.00	130.00	13.39	7.15	45.65	92.30	4.99	12.26	43.54	999.00	2.13	999.00	1.86	0.00
21	12	14	24	154.30	21.52	3.02	46.41	999.00	142.80	17.42	3.95	45.96	135.20	7.62	11.73	44.33	999.00	0.93	999.00	0.37	0.00
21	12	15	1	171.10	15.19	2.67	45.86	999.00	160.10	11.86	3.39	45.30	127.70	2.73	31.67	44.45	999.00	1.74	999.00	1.18	0.00
21	12	15	2	158.70	16.31	1.59	46.20	999.00	141.30	14.50	2.00	45.77	110.40	6.28	7.75	43.54	999.00	3.78	999.00	3.43	0.00
21	12	15	3	157.60	18.87	1.83	47.47	999.00	142.60	15.95	2.66	46.92	104.40	5.24	10.81	42.74	999.00	4.42	999.00	3.74	0.00
21	12	15	4	167.70	16.31	1.89	47.53	999.00	148.30	13.80	2.89	46.64	126.30	3.97	13.76	44.67	999.00	2.75	999.00	1.40	0.00
21	12	15	5	179.80	17.50	2.15	48.99	999.00	165.50	13.69	3.17	48.00	125.10	3.94	13.64	45.93	999.00	3.60	999.00	2.77	0.00
21	12	15	6	176.80	17.55	2.25	49.72	999.00	165.60	14.00	3.04	48.99	131.50	3.47	11.06	45.73	999.00	3.42	999.00	2.97	0.00
21	12	15	7	185.30	17.78	4.52	49.67	999.00	176.40	15.20	5.22	49.48	160.00	5.07	15.49	47.49	999.00	1.23	999.00	1.26	0.00
21	12	15	8	181.50	19.09	3.58	49.67	999.00	174.10	16.36	4.49	49.48	170.70	7.11	11.72	47.49	999.00	-0.74	999.00	-0.95	0.01
21	12	15	9	170.90	23.78	4.55	43.81	999.00	161.40	20.51	4.92	43.18	153.80	8.12	13.83	43.40	999.00	1.42	999.00	0.24	0.07
21	12	15	10	182.10	19.03	4.26	46.17	999.00	174.80	15.99	5.02	45.87	171.50	7.38	12.09	45.16	999.00	0.74	999.00	0.52	0.00
21	12	15	11	188.90	21.56	5.69	48.13	999.00	182.30	18.68	6.93	48.25	178.90	9.28	11.86	48.50	999.00	0.22	999.00	-0.72	0.00
21	12	15	12	196.40	23.00	4.67	50.99	999.00	191.30	20.71	5.03	50.92	191.70	10.27	13.26	51.07	999.00	-0.47	999.00	0.64	0.00
21	12	15	13	193.90	24.14	4.56	52.65	999.00	187.60	22.10	4.85	52.99	182.60	11.68	12.39	52.13	999.00	-0.43	999.00	-0.05	0.00
21	12	15	14	195.10	28.19	4.15	54.65	999.00	189.50	26.58	5.13	55.08	187.00	13.08	13.13	55.58	999.00	-1.02	999.00	-0.56	0.00
21	12	15	15	196.30	25.10	4.21	55.86	999.00	190.50	22.63	4.68	56.25	187.80	11.24	13.19	56.79	999.00	-0.68	999.00	-0.34	0.00
21	12	15	16	194.20	26.56	3.90	57.42	999.00	187.60	24.57	4.66	57.73	184.00	12.66	12.64	57.90	999.00	-0.38	999.00	-0.08	0.00
21	12	15	17	193.10	23.44	4.81	57.77	999.00	186.00	20.63	5.49	57.99	179.10	10.39	10.52	57.89	999.00	0.11	999.00	0.29	0.00
21	12	15	18	193.80	25.78	4.50	57.34	999.00	187.50	22.72	5.24	57.50	183.40	11.36	12.75	57.16	999.00	0.14	999.00	0.31	0.00
21	12	15	19	193.60	30.32	4.09	56.90	999.00	187.00	27.52	4.39	57.08	183.30	13.63	12.21	56.89	999.00	0.05	999.00	0.21	0.00
21	12	15	20	195.80	32.55	3.88	999.00	999.00	189.60	29.86	4.84	999.00	186.70	15.32	12.47	56.96	999.00	-0.19	999.00	0.04	0.00

21	12	15	21	196.40	30.33	3.84	999.00	999.00	190.50	27.26	4.67	999.00	188.10	13.01	13.12	56.96	999.00	-0.03	999.00	0.12	0.00
21	12	15	22	195.50	31.13	4.31	56.67	999.00	189.10	28.42	4.51	56.80	184.70	14.12	12.48	56.50	999.00	0.07	999.00	0.26	0.00
21	12	15	23	198.40	31.32	3.58	56.51	999.00	191.60	27.91	4.19	56.59	188.00	12.91	13.11	56.18	999.00	0.36	999.00	0.42	0.00
21	12	15	24	196.10	33.94	4.18	56.45	999.00	190.10	30.81	4.85	56.58	188.30	15.67	12.34	56.39	999.00	-0.20	999.00	-0.01	0.00
21	12	16	1	200.90	32.47	4.34	56.23	999.00	195.00	28.95	5.13	56.46	192.40	15.03	12.17	56.42	999.00	-0.12	999.00	0.09	0.00
21	12	16	2	200.40	33.54	3.93	54.94	999.00	194.40	30.40	4.69	55.15	192.00	15.31	13.43	55.15	999.00	-0.43	999.00	-0.15	0.00
21	12	16	3	202.20	30.68	3.99	54.12	999.00	195.90	27.56	4.93	54.36	190.70	13.30	13.03	54.40	999.00	-0.21	999.00	0.00	0.00
21	12	16	4	198.60	30.03	4.16	53.49	999.00	191.60	26.65	4.69	53.59	186.50	12.92	13.43	53.44	999.00	0.05	999.00	0.11	0.00
21	12	16	5	204.10	32.75	4.93	54.91	999.00	197.70	30.19	5.83	55.03	193.20	15.64	13.16	54.82	999.00	-0.23	999.00	0.06	0.00
21	12	16	6	205.50	38.64	4.92	56.62	999.00	199.30	35.91	5.62	56.98	195.30	19.15	12.89	57.15	999.00	-0.57	999.00	-0.17	0.00
21	12	16	7	206.90	36.38	4.93	57.16	999.00	200.50	33.67	6.07	57.56	195.90	17.66	14.15	57.91	999.00	-0.76	999.00	-0.36	0.00
21	12	16	8	210.40	35.24	4.89	58.30	999.00	204.70	32.59	5.65	58.73	202.20	19.58	11.96	59.17	999.00	-0.87	999.00	-0.45	0.00
21	12	16	9	208.90	36.12	5.03	59.04	999.00	202.90	33.73	5.95	59.54	200.90	19.93	11.82	60.04	999.00	-1.09	999.00	-0.57	0.00
21	12	16	10	208.70	33.13	4.79	58.57	999.00	203.20	31.11	5.69	59.15	199.90	17.62	12.05	59.75	999.00	-1.26	999.00	-0.61	0.00
21	12	16	11	214.70	31.74	5.14	57.48	999.00	209.50	29.48	5.57	58.85	205.30	16.61	10.99	59.46	999.00	-1.97	999.00	-0.61	0.00
21	12	16	12	223.20	30.22	4.73	57.99	999.00	218.00	27.33	5.22	58.80	212.70	17.68	9.15	59.35	999.00	-1.34	999.00	-0.51	0.00
21	12	16	13	217.80	35.12	4.50	57.58	999.00	212.10	32.52	5.01	58.36	208.20	20.06	10.92	58.93	999.00	-1.14	999.00	-0.57	0.00
21	12	16	14	227.40	35.93	5.88	57.32	999.00	221.70	33.80	6.37	57.86	215.90	22.45	9.48	58.37	999.00	-1.00	999.00	-0.40	0.01
21	12	16	15	231.10	32.81	5.53	56.77	999.00	225.90	31.23	5.76	57.36	220.60	21.76	9.07	57.86	999.00	-0.98	999.00	-0.48	0.01
21	12	16	16	232.20	32.46	4.18	54.76	999.00	226.60	30.97	4.73	55.28	220.20	21.93	7.78	55.81	999.00	-1.19	999.00	-0.66	0.00
21	12	16	17	231.50	31.22	4.44	53.01	999.00	225.40	29.26	4.95	53.50	217.80	20.14	8.27	54.07	999.00	-1.01	999.00	-0.54	0.00
21	12	16	18	251.20	32.92	4.97	51.88	999.00	245.50	30.29	6.22	52.33	240.40	20.13	10.35	52.67	999.00	-0.91	999.00	-0.47	0.00
21	12	16	19	259.40	31.80	5.19	49.23	999.00	253.50	29.24	5.79	49.72	247.60	19.51	10.54	50.16	999.00	-0.99	999.00	-0.48	0.00
21	12	16	20	253.10	30.35	4.59	44.73	999.00	247.50	28.48	5.25	45.23	240.90	18.66	9.67	45.74	999.00	-1.04	999.00	-0.53	0.00
21	12	16	21	237.20	24.13	3.96	44.73	999.00	231.00	22.03	4.25	45.23	224.50	14.73	8.69	45.74	999.00	-0.80	999.00	-0.39	0.00
21	12	16	22	238.70	27.53	4.10	40.50	999.00	232.00	25.25	4.53	40.92	225.20	17.89	7.45	41.44	999.00	-1.08	999.00	-0.63	0.00
21	12	16	23	243.60	25.28	4.54	38.95	999.00	237.20	23.76	4.73	39.45	230.50	16.78	8.46	40.17	999.00	-1.24	999.00	-0.74	0.00
21	12	16	24	244.20	22.49	4.94	37.75	999.00	237.90	20.83	5.19	38.25	229.00	14.64	8.45	38.99	999.00	-1.23	999.00	-0.74	0.00
21	12	17	1	245.80	21.32	4.48	36.64	999.00	239.60	19.46	5.45	37.14	231.70	13.70	10.02	37.85	999.00	-1.22	999.00	-0.71	0.00
21	12	17	2	250.10	21.92	5.82	35.66	999.00	243.20	19.34	6.59	36.12	236.50	11.80	10.25	36.80	999.00	-1.12	999.00	-0.65	0.00
21	12	17	3	248.10	19.77	4.64	34.77	999.00	241.50	17.54	5.55	35.22	235.40	11.19	8.31	35.88	999.00	-1.15	999.00	-0.70	0.00
21	12	17	4	249.20	17.15	4.96	34.01	999.00	242.00	15.25	5.95	34.46	237.00	8.84	9.52	35.11	999.00	-1.12	999.00	-0.65	0.00
21	12	17	5	249.80	15.72	4.66	33.07	999.00	241.40	12.97	5.40	33.42	230.10	8.48	7.98	33.88	999.00	-0.75	999.00	-0.47	0.00
21	12	17	6	254.10	16.26	4.28	32.47	999.00	242.90	12.98	5.88	32.73	233.70	7.48	9.89	33.20	999.00	-0.64	999.00	-0.46	0.00
21	12	17	7	243.40	15.32	2.73	32.47	999.00	231.00	12.66	4.59	32.73	206.60	6.54	7.60	33.20	999.00	0.02	999.00	-0.08	0.00
21	12	17	8	247.50	13.88	3.62	31.16	999.00	234.10	11.10	3.65	31.16	202.20	4.40	10.59	30.72	999.00	0.69	999.00	0.60	0.00
21	12	17	9	237.90	13.65	2.05	31.02	999.00	223.70	12.51	3.23	30.90	204.60	5.29	11.32	30.49	999.00	0.10	999.00	0.14	0.00
21	12	17	10	242.90	11.14	4.57	31.07	999.00	233.70	10.86	4.86	31.43	222.90	8.01	10.02	32.45	999.00	-1.92	999.00	-1.35	0.00
21	12	17	11	250.90	8.32	11.15	32.62	999.00	241.80	8.49	10.84	33.22	225.20	7.42	14.64	34.75	999.00	-2.23	999.00	-1.64	0.00
21	12	17	12	260.90	6.72	13.07	34.24	999.00	253.90	7.41	13.77	34.89	241.10	6.12	24.06	36.74	999.00	-2.46	999.00	-1.82	0.00
21	12	17	13	239.80	8.11	7.35	35.47	999.00	236.90	7.90	9.18	36.03	227.70	6.87	13.01	37.95	999.00	-2.34	999.00	-1.83	0.00
21	12	17	14	288.50	4.43	20.79	35.47	999.00	284.70	4.17	20.75	36.03	287.40	3.56	30.98	37.95	999.00	-2.81	999.00	-2.28	0.00
21	12	17	15	342.70	3.56	11.01	37.33	999.00	341.20	4.19	8.54	37.87	355.40	4.71	9.33	38.58	999.00	-1.29	999.00	-0.75	0.00
21	12	17	16	58.66	3.91	8.92	36.25	999.00	53.98	4.43	7.19	36.70	51.56	4.33	9.36	37.53	999.00	-1.36	999.00	-0.94	0.00
21	12	17	17	88.70	5.86	3.90	35.77	999.00	82.10	5.82	4.43	36.26	84.40	3.44	13.55	37.33	999.00	-1.41	999.00	-0.93	0.00
21	12	17	18	99.30	8.17	3.20	36.52	999.00	84.90	8.40	4.66	36.67	77.80	3.78	14.18	37.38	999.00	-0.55	999.00	-0.60	0.00

21	12	17	19	82.90	8.73	5.35	37.50	999.00	72.80	9.67	3.70	37.38	67.85	6.05	13.59	38.08	999.00	-0.45	999.00	-0.56	0.00
21	12	17	20	82.10	9.93	3.46	37.47	999.00	76.30	9.75	4.33	37.77	70.30	6.16	12.29	38.32	999.00	-1.58	999.00	-1.06	0.00
21	12	17	21	96.40	9.61	6.35	36.39	999.00	90.60	9.66	6.97	36.92	89.20	5.14	16.71	37.99	999.00	-1.58	999.00	-1.06	0.00
21	12	17	22	83.70	12.38	4.86	36.87	999.00	77.00	11.90	5.28	37.33	78.10	6.47	13.23	38.35	999.00	-1.54	999.00	-1.06	0.00
21	12	17	23	71.80	15.33	4.01	37.07	999.00	64.58	14.88	4.85	37.50	59.29	9.35	9.96	38.60	999.00	-1.52	999.00	-1.15	0.00
21	12	17	24	58.53	17.55	5.20	37.07	999.00	51.04	16.83	5.91	37.50	44.71	11.34	12.05	38.60	999.00	-1.66	999.00	-1.11	0.01
21	12	18	1	53.13	21.43	5.01	34.70	999.00	46.10	19.46	6.40	35.22	35.71	13.42	9.83	36.34	999.00	-1.62	999.00	-1.12	0.00
21	12	18	2	65.48	22.04	3.38	34.99	999.00	57.53	20.63	5.01	35.47	53.57	13.09	10.20	36.53	999.00	-1.51	999.00	-1.05	0.01
21	12	18	3	79.90	20.70	3.70	35.71	999.00	73.00	20.37	4.14	36.21	69.92	11.79	12.11	37.29	999.00	-1.58	999.00	-1.22	0.00
21	12	18	4	82.00	22.40	3.29	34.67	999.00	73.70	21.78	3.90	35.18	68.23	11.83	11.52	36.40	999.00	-1.69	999.00	-1.10	0.00
21	12	18	5	101.40	18.68	3.78	34.69	999.00	95.20	17.96	4.62	35.22	93.10	8.66	14.37	36.31	999.00	-1.64	999.00	-1.11	0.02
21	12	18	6	83.00	17.00	3.63	34.33	999.00	74.60	16.89	3.78	34.90	70.00	9.24	12.45	35.77	999.00	-1.47	999.00	-0.88	0.00
21	12	18	7	85.40	18.24	4.76	34.33	999.00	78.30	18.10	4.93	34.90	72.50	10.82	11.54	35.77	999.00	-1.43	999.00	-0.91	0.01
21	12	18	8	93.60	21.05	3.02	34.44	999.00	86.50	20.35	3.87	35.00	86.20	10.32	14.16	35.84	999.00	-1.40	999.00	-0.84	0.00
21	12	18	9	87.20	18.98	3.52	34.58	999.00	80.70	18.75	4.21	35.11	77.80	10.68	12.97	36.04	999.00	-1.47	999.00	-0.96	0.03
21	12	18	10	84.20	17.39	3.34	35.06	999.00	76.80	17.12	4.09	35.55	74.40	9.94	11.49	36.57	999.00	-1.51	999.00	-1.03	0.02
21	12	18	11	85.30	13.88	3.10	35.33	999.00	78.20	13.69	3.95	35.82	75.50	7.73	12.53	36.89	999.00	-1.59	999.00	-1.11	0.01
21	12	18	12	69.10	9.26	6.64	35.54	999.00	62.07	9.08	7.37	36.01	56.21	6.26	13.73	37.17	999.00	-1.59	999.00	-1.11	0.00
21	12	18	13	20.68	15.77	8.16	34.95	999.00	15.91	13.65	8.30	35.34	14.68	12.55	11.38	36.39	999.00	-1.36	999.00	-1.02	0.00
21	12	18	14	7.78	17.44	8.70	33.17	999.00	2.00	16.02	8.92	33.52	358.00	14.74	9.96	34.65	999.00	-1.55	999.00	-1.15	0.00
21	12	18	15	5.68	18.36	7.62	32.86	999.00	0.54	17.01	8.70	33.24	355.90	15.82	10.46	34.38	999.00	-1.54	999.00	-1.14	0.00
21	12	18	16	359.80	21.09	4.73	32.94	999.00	354.40	19.77	5.58	33.35	345.80	16.77	7.64	34.55	999.00	-1.63	999.00	-1.21	0.00
21	12	18	17	355.20	18.31	4.22	32.73	999.00	349.80	17.17	4.83	33.10	340.30	14.02	7.98	34.26	999.00	-1.45	999.00	-1.11	0.00
21	12	18	18	332.60	20.08	4.71	33.05	999.00	326.30	19.52	4.53	33.30	319.30	13.19	9.42	34.41	999.00	-1.32	999.00	-1.07	0.00
21	12	18	19	330.30	17.79	4.16	32.88	999.00	323.90	17.00	4.83	33.20	313.70	11.29	9.77	34.22	999.00	-1.29	999.00	-0.96	0.00
21	12	18	20	330.90	22.38	4.41	32.87	999.00	324.80	21.41	5.48	33.30	315.00	14.85	10.12	34.39	999.00	-1.71	999.00	-1.24	0.00
21	12	18	21	332.50	22.63	4.23	32.64	999.00	326.60	21.87	4.63	33.13	317.80	15.77	9.10	34.36	999.00	-1.78	999.00	-1.18	0.00
21	12	18	22	325.00	21.21	3.77	32.44	999.00	318.50	20.45	4.23	32.89	309.60	13.29	10.41	34.16	999.00	-1.66	999.00	-1.32	0.00
21	12	18	23	324.90	21.85	5.31	32.25	999.00	318.70	20.91	5.89	32.82	310.10	13.69	10.46	33.79	999.00	-1.46	999.00	-0.63	0.00
21	12	18	24	330.40	18.20	4.80	32.12	999.00	323.60	17.40	5.49	33.01	313.30	11.47	10.36	33.61	999.00	-1.50	999.00	-0.62	0.00
21	12	19	1	334.30	16.86	5.26	32.09	999.00	328.20	16.69	5.69	32.94	322.10	11.55	10.87	33.78	999.00	-1.75	999.00	-0.91	0.00
21	12	19	2	334.90	14.69	4.68	31.84	999.00	328.80	14.39	4.95	32.67	321.80	9.80	9.29	33.50	999.00	-1.77	999.00	-0.96	0.00
21	12	19	3	331.90	14.70	4.64	31.93	999.00	324.70	14.44	5.25	32.71	312.00	9.82	9.97	33.70	999.00	-1.77	999.00	-0.98	0.00
21	12	19	4	328.70	14.29	5.13	31.80	999.00	321.70	13.75	5.34	32.57	309.90	9.54	9.70	33.56	999.00	-1.75	999.00	-1.00	0.00
21	12	19	5	328.40	13.53	3.49	31.54	999.00	322.30	13.19	4.06	32.34	312.10	8.94	9.41	33.26	999.00	-1.68	999.00	-0.86	0.00
21	12	19	6	337.10	14.65	4.34	31.59	999.00	330.00	14.49	4.94	32.32	319.00	10.09	8.96	33.37	999.00	-1.80	999.00	-1.06	0.00
21	12	19	7	348.70	18.46	3.97	30.99	999.00	343.00	18.18	4.91	31.81	337.80	13.22	8.67	32.97	999.00	-2.00	999.00	-1.20	0.00
21	12	19	8	346.00	15.34	3.44	30.56	999.00	340.10	15.27	4.28	31.58	334.30	11.77	7.93	32.73	999.00	-2.11	999.00	-1.18	0.00
21	12	19	9	352.60	13.69	4.00	30.51	999.00	346.80	13.46	4.59	31.39	339.10	10.52	7.97	32.58	999.00	-2.03	999.00	-1.23	0.00
21	12	19	10	342.40	14.02	4.07	30.63	999.00	336.20	13.93	4.75	31.34	330.10	10.45	8.99	32.53	999.00	-1.87	999.00	-1.19	0.00
21	12	19	11	336.10	13.20	5.59	30.35	999.00	330.70	12.88	7.13	30.98	324.00	9.24	13.76	32.25	999.00	-1.92	999.00	-1.31	0.00
21	12	19	12	341.10	11.20	6.03	29.99	999.00	335.80	11.48	7.07	30.59	331.00	9.31	11.11	31.92	999.00	-1.90	999.00	-1.27	0.00
21	12	19	13	344.90	12.87	6.75	29.20	999.00	338.10	12.65	7.94	29.81	333.30	9.79	11.17	31.13	999.00	-1.94	999.00	-1.32	0.00
21	12	19	14	340.10	14.62	5.97	28.97	999.00	335.20	14.55	6.85	29.58	333.50	11.51	9.54	30.91	999.00	-1.92	999.00	-1.33	0.00
21	12	19	15	333.60	10.27	10.06	28.84	999.00	328.10	9.86	11.52	29.44	321.50	7.41	15.94	30.78	999.00	-1.91	999.00	-1.32	0.00
21	12	19	16	350.90	7.93	8.92	28.60	999.00	344.60	7.69	8.77	29.17	337.00	5.82	13.39	30.44	999.00	-1.81	999.00	-1.24	0.00

21	12	19	17	322.10	5.70	11.48	28.57	999.00	316.70	5.70	11.04	29.10	304.70	3.97	20.63	30.31	999.00	-1.67	999.00	-1.15	0.00
21	12	19	18	307.00	4.12	18.69	28.46	999.00	301.70	4.13	15.72	29.01	288.50	3.36	20.02	30.14	999.00	-1.64	999.00	-1.10	0.00
21	12	19	19	252.30	3.06	27.81	28.45	999.00	247.40	3.13	30.21	28.99	225.30	2.32	29.62	30.07	999.00	-1.60	999.00	-1.07	0.00
21	12	19	20	215.70	5.63	10.80	28.43	999.00	210.60	5.47	12.14	28.96	208.50	4.32	16.44	30.07	999.00	-1.62	999.00	-1.09	0.00
21	12	19	21	233.20	2.90	26.68	28.46	999.00	231.30	3.08	30.82	28.98	247.30	2.44	31.59	30.07	999.00	-1.52	999.00	-1.01	0.00
21	12	19	22	200.00	6.63	10.77	28.40	999.00	191.50	6.23	10.36	28.90	181.90	4.07	13.96	30.04	999.00	-1.67	999.00	-1.16	0.00
21	12	19	23	186.00	6.96	5.75	28.66	999.00	177.30	6.16	7.01	29.12	172.80	2.91	18.31	30.23	999.00	-1.51	999.00	-1.07	0.00
21	12	19	24	187.50	11.46	5.92	29.10	999.00	180.50	10.68	7.93	29.56	177.00	6.03	13.76	30.64	999.00	-1.59	999.00	-1.12	0.00
21	12	20	1	200.60	13.57	6.68	29.54	999.00	194.40	12.35	8.09	30.05	188.80	7.08	14.49	31.15	999.00	-1.62	999.00	-1.11	0.00
21	12	20	2	217.00	13.12	5.58	29.92	999.00	210.80	11.92	6.35	30.43	206.60	7.09	11.82	31.47	999.00	-1.50	999.00	-1.00	0.00
21	12	20	3	205.80	18.14	5.84	30.30	999.00	201.00	16.93	6.70	30.80	198.60	10.11	13.77	31.83	999.00	-1.54	999.00	-1.03	0.00
21	12	20	4	215.50	17.36	5.12	30.60	999.00	209.80	16.43	5.30	31.12	205.10	9.96	11.07	32.08	999.00	-1.35	999.00	-0.83	0.00
21	12	20	5	214.40	13.68	1.96	30.19	999.00	207.00	11.91	2.21	30.57	200.80	5.32	10.12	30.85	999.00	-0.39	999.00	-0.06	0.00
21	12	20	6	206.30	15.37	1.21	29.73	999.00	196.20	13.35	1.93	29.96	179.60	4.95	9.35	29.78	999.00	0.27	999.00	0.36	0.00
21	12	20	7	208.90	17.18	1.63	29.51	999.00	201.40	14.20	2.18	29.49	195.20	5.03	11.01	29.25	999.00	0.29	999.00	0.27	0.00
21	12	20	8	207.00	19.98	2.13	29.05	999.00	199.30	17.13	2.65	29.02	193.50	7.29	12.10	28.87	999.00	0.05	999.00	-0.01	0.00
21	12	20	9	210.50	18.97	4.03	29.04	999.00	204.40	16.10	5.03	29.14	200.00	8.52	10.65	29.46	999.00	-0.94	999.00	-0.69	0.00
21	12	20	10	218.10	19.48	4.75	30.31	999.00	211.70	17.94	5.74	30.76	206.40	11.41	10.88	32.00	999.00	-1.92	999.00	-1.45	0.00
21	12	20	11	220.40	21.31	5.54	31.79	999.00	215.00	20.16	5.93	32.28	211.60	15.07	9.91	33.92	999.00	-2.14	999.00	-1.64	0.00
21	12	20	12	222.40	23.53	5.74	33.19	999.00	216.20	22.60	6.41	33.68	211.40	15.89	11.08	35.41	999.00	-2.37	999.00	-1.85	0.00
21	12	20	13	229.70	21.42	5.89	34.69	999.00	224.90	20.81	6.38	35.11	221.20	16.34	8.84	37.06	999.00	-2.34	999.00	-1.94	0.00
21	12	20	14	220.30	21.59	3.60	36.18	999.00	215.20	20.83	4.30	36.52	210.00	14.50	10.55	38.56	999.00	-2.26	999.00	-1.97	0.00
21	12	20	15	217.30	21.81	4.79	37.72	999.00	212.30	21.01	5.11	38.18	207.20	13.73	10.48	39.97	999.00	-2.14	999.00	-1.65	0.00
21	12	20	16	216.30	20.03	4.23	38.47	999.00	210.90	18.86	5.04	38.98	203.90	11.65	12.35	40.38	999.00	-1.77	999.00	-1.26	0.00
21	12	20	17	205.00	20.35	4.14	38.67	999.00	198.90	18.38	5.05	39.13	195.20	9.05	13.50	39.91	999.00	-0.91	999.00	-0.48	0.00
21	12	20	18	211.30	18.29	2.71	37.77	999.00	205.20	15.77	3.03	38.06	198.30	6.38	10.30	37.92	999.00	0.37	999.00	0.56	0.00
21	12	20	19	218.10	20.82	1.66	36.89	999.00	211.90	18.05	2.33	37.01	204.80	8.05	10.13	36.45	999.00	0.47	999.00	0.51	0.00
21	12	20	20	219.50	22.54	3.27	36.02	999.00	212.80	18.97	3.88	36.04	199.60	7.88	11.51	35.52	999.00	0.82	999.00	0.77	0.00
21	12	20	21	225.70	20.24	3.12	35.60	999.00	220.00	17.14	3.65	35.61	211.60	7.73	8.73	35.01	999.00	0.66	999.00	0.68	0.00
21	12	20	22	237.80	19.56	2.44	34.89	999.00	231.50	16.65	2.78	34.92	219.40	9.10	6.83	34.44	999.00	0.32	999.00	0.36	0.00
21	12	20	23	238.50	18.93	3.52	34.03	999.00	231.20	15.82	4.71	34.15	219.50	8.02	7.95	33.94	999.00	-0.28	999.00	-0.11	0.00
21	12	20	24	246.50	20.56	3.47	34.07	999.00	239.00	17.27	3.50	34.10	224.50	8.88	7.66	34.11	999.00	0.26	999.00	0.18	0.00
21	12	21	1	261.20	16.96	4.11	34.38	999.00	254.00	14.20	4.86	34.48	242.80	7.18	8.95	34.42	999.00	-0.28	999.00	-0.03	0.00
21	12	21	2	264.20	17.02	2.10	33.66	999.00	251.60	13.64	3.25	33.67	225.40	6.33	6.39	33.50	999.00	0.47	999.00	0.25	0.00
21	12	21	3	262.80	14.23	2.95	33.72	999.00	243.90	11.47	4.39	33.38	198.90	3.76	11.15	32.84	999.00	1.16	999.00	0.71	0.00
21	12	21	4	263.60	11.61	2.63	32.56	999.00	246.90	7.98	4.78	32.06	145.60	1.83	22.49	31.32	999.00	1.41	999.00	0.72	0.00
21	12	21	5	255.50	5.51	43.13	32.56	999.00	225.00	3.07	63.12	32.06	121.10	1.45	38.96	31.32	999.00	-0.79	999.00	-0.88	0.00
21	12	21	6	257.80	4.42	30.49	30.96	999.00	229.10	3.76	28.78	31.31	143.20	3.51	30.76	32.07	999.00	-1.42	999.00	-1.08	0.00
21	12	21	7	325.30	3.09	34.31	32.58	999.00	275.00	4.76	17.35	32.28	212.30	2.65	12.31	30.20	999.00	3.14	999.00	2.55	0.00
21	12	21	8	156.00	6.03	7.13	32.79	999.00	184.60	5.73	15.89	32.33	167.70	4.33	13.01	29.03	999.00	4.05	999.00	3.35	0.00
21	12	21	9	158.50	4.41	28.46	32.07	999.00	189.40	5.31	10.17	31.08	210.30	2.86	22.24	28.39	999.00	3.10	999.00	2.52	0.00
21	12	21	10	176.20	2.72	6.92	31.14	999.00	204.90	3.58	5.59	30.86	217.10	2.31	19.50	29.79	999.00	0.40	999.00	0.02	0.00
21	12	21	11	158.10	8.98	6.47	31.47	999.00	154.40	8.19	7.56	32.36	168.80	6.46	12.31	32.49	999.00	-1.93	999.00	-0.93	0.00
21	12	21	12	169.80	9.89	7.31	32.92	999.00	162.20	9.80	7.39	34.07	161.20	6.74	16.67	35.18	999.00	-2.08	999.00	-1.03	0.00
21	12	21	13	173.50	11.68	7.36	35.00	999.00	166.40	11.61	7.69	36.08	168.60	7.06	15.59	37.28	999.00	-2.17	999.00	-1.27	0.00
21	12	21	14	192.50	14.94	8.38	36.82	999.00	186.20	14.65	8.57	37.65	181.90	9.86	14.75	39.19	999.00	-2.41	999.00	-1.69	0.00

21	12	21	15	196.90	18.03	4.02	36.82	999.00	190.50	17.61	4.82	37.65	186.70	10.99	13.64	39.19	999.00	-2.00	999.00	-1.26	0.00
21	12	21	16	202.20	16.08	5.72	39.97	999.00	196.40	15.30	6.86	40.57	192.20	8.78	14.01	41.76	999.00	-1.67	999.00	-1.10	0.00
21	12	21	17	196.90	17.18	2.69	40.50	999.00	189.50	15.76	3.14	40.99	184.70	7.80	11.77	41.58	999.00	-0.64	999.00	-0.23	0.00
21	12	21	18	202.20	18.09	2.63	39.59	999.00	191.60	15.89	2.61	39.76	178.00	6.98	9.14	39.35	999.00	0.79	999.00	0.82	0.00
21	12	21	19	198.80	22.19	3.04	38.07	999.00	191.20	19.44	3.47	38.00	184.10	8.24	11.27	37.42	999.00	0.41	999.00	0.36	0.00
21	12	21	20	206.70	23.70	3.13	37.22	999.00	199.00	20.68	3.71	37.20	190.30	9.07	12.21	36.88	999.00	0.39	999.00	0.37	0.00
21	12	21	21	211.80	24.84	4.23	36.81	999.00	204.60	21.71	5.26	36.90	195.70	10.25	12.95	36.87	999.00	-0.52	999.00	-0.31	0.00
21	12	21	22	226.40	29.16	5.13	36.81	999.00	220.20	26.76	6.04	36.90	212.90	17.08	9.09	36.87	999.00	-0.97	999.00	-0.60	0.00
21	12	21	23	235.60	27.97	4.41	37.99	999.00	229.30	26.48	4.47	38.45	223.00	18.21	8.39	39.16	999.00	-1.18	999.00	-0.69	0.00
21	12	21	24	267.40	28.16	6.37	37.55	999.00	262.20	26.36	6.49	38.04	253.00	17.44	9.43	38.79	999.00	-1.21	999.00	-0.73	0.00
21	12	22	1	255.30	26.61	4.86	36.59	999.00	249.60	24.63	5.59	37.06	241.70	16.19	10.18	37.73	999.00	-1.15	999.00	-0.66	0.00
21	12	22	2	277.00	24.62	5.63	34.86	999.00	271.70	23.09	6.07	35.32	261.60	14.86	9.64	36.03	999.00	-1.22	999.00	-0.75	0.00
21	12	22	3	270.40	24.60	5.98	32.88	999.00	264.90	22.63	6.43	33.38	254.90	14.35	10.51	34.16	999.00	-1.28	999.00	-0.79	0.00
21	12	22	4	281.40	25.31	5.99	31.70	999.00	275.20	24.23	6.32	32.19	265.60	16.50	10.43	33.03	999.00	-1.37	999.00	-0.87	0.00
21	12	22	5	293.10	28.18	5.04	30.58	999.00	286.90	26.26	5.72	31.10	277.30	17.78	10.58	31.95	999.00	-1.21	999.00	-0.72	0.00
21	12	22	6	299.90	25.73	5.00	29.25	999.00	293.90	24.86	5.23	29.75	284.30	15.61	10.88	30.51	999.00	-1.27	999.00	-0.75	0.00
21	12	22	7	298.30	25.33	4.99	27.87	999.00	292.20	23.96	5.33	28.39	283.30	15.50	10.49	29.24	999.00	-1.31	999.00	-0.78	0.00
21	12	22	8	302.20	21.82	7.95	25.91	999.00	295.50	21.03	8.26	26.44	286.20	14.24	12.58	27.46	999.00	-1.65	999.00	-1.11	0.00
21	12	22	9	284.30	23.68	4.32	24.78	999.00	278.60	23.06	5.07	25.32	268.70	16.51	9.83	26.44	999.00	-1.75	999.00	-1.23	0.00
21	12	22	10	298.20	21.48	5.74	24.31	999.00	292.30	20.87	6.17	24.86	281.00	15.35	11.22	26.16	999.00	-1.97	999.00	-1.42	0.00
21	12	22	11	298.40	20.03	5.67	24.06	999.00	291.70	19.66	6.19	24.66	282.00	14.17	12.09	26.24	999.00	-2.48	999.00	-1.84	0.00
21	12	22	12	291.20	20.85	6.14	24.26	999.00	286.40	20.19	6.83	24.89	279.40	14.72	11.30	26.72	999.00	-3.00	999.00	-2.29	0.00
21	12	22	13	298.10	18.08	4.98	24.90	999.00	292.80	17.57	5.01	25.55	286.60	12.74	12.97	27.90	999.00	-2.69	999.00	-2.03	0.00
21	12	22	14	290.10	15.40	15.42	25.38	999.00	285.00	15.24	15.48	25.95	277.10	11.89	18.47	28.22	999.00	-3.23	999.00	-2.68	0.00
21	12	22	15	282.40	14.99	7.46	25.90	999.00	279.00	15.00	8.12	26.52	273.40	11.69	12.00	28.38	999.00	-2.45	999.00	-1.83	0.00
21	12	22	16	263.60	18.43	5.66	26.31	999.00	257.00	17.51	5.80	26.89	245.30	12.02	10.39	28.46	999.00	-1.98	999.00	-1.38	0.00
21	12	22	17	270.10	16.58	7.32	26.57	999.00	264.70	15.15	7.58	27.11	256.90	10.09	10.84	28.24	999.00	-1.49	999.00	-0.95	0.00
21	12	22	18	268.20	14.38	4.84	26.73	999.00	262.40	12.96	5.53	27.21	253.30	7.19	9.83	28.04	999.00	-1.12	999.00	-0.67	0.00
21	12	22	19	258.10	13.34	3.99	26.64	999.00	251.20	12.15	5.39	27.08	244.10	6.82	10.55	27.76	999.00	-1.11	999.00	-0.67	0.00
21	12	22	20	260.00	10.98	4.64	26.32	999.00	248.50	9.43	5.70	26.71	235.10	5.75	7.34	27.24	999.00	-0.83	999.00	-0.48	0.00
21	12	22	21	251.60	12.11	5.12	25.93	999.00	242.10	9.94	5.85	26.16	220.10	6.18	7.23	26.65	999.00	-0.78	999.00	-0.45	0.00
21	12	22	22	256.80	13.81	4.32	24.97	999.00	246.00	11.59	5.47	25.21	235.00	6.93	9.65	25.78	999.00	-0.88	999.00	-0.64	0.00
21	12	22	23	262.00	10.75	4.93	24.46	999.00	245.30	8.97	5.95	24.56	224.90	5.82	8.72	25.19	999.00	-0.79	999.00	-0.70	0.00
21	12	22	24	250.80	11.66	3.50	23.98	999.00	235.80	10.57	3.87	24.08	213.40	6.89	8.32	24.74	999.00	-0.57	999.00	-0.49	0.00
21	12	23	1	254.70	11.52	1.62	23.99	999.00	235.60	10.43	4.28	23.57	208.20	5.25	8.77	23.88	999.00	0.61	999.00	-0.18	0.00
21	12	23	2	243.50	9.31	2.66	23.93	999.00	225.30	9.77	2.41	23.36	193.90	3.99	7.37	22.99	999.00	1.03	999.00	0.66	0.00
21	12	23	3	234.30	10.44	3.84	23.93	999.00	220.10	10.91	3.67	23.36	201.90	4.25	12.16	22.99	999.00	0.71	999.00	0.14	0.00
21	12	23	4	225.60	8.40	1.67	23.85	999.00	211.90	8.93	3.97	23.13	189.20	4.32	12.74	23.19	999.00	0.28	999.00	-0.40	0.00
21	12	23	5	206.90	9.22	4.13	23.24	999.00	186.30	8.64	3.05	22.83	176.60	5.43	10.19	23.78	999.00	-0.53	999.00	-1.08	0.00
21	12	23	6	184.00	12.39	2.56	23.92	999.00	171.10	10.47	2.86	23.23	167.40	4.35	14.20	24.19	999.00	-0.90	999.00	-0.93	0.00
21	12	23	7	177.90	14.59	3.70	23.86	999.00	169.90	12.78	4.71	24.01	167.20	6.20	13.92	25.11	999.00	-1.47	999.00	-1.12	0.00
21	12	23	8	174.90	14.00	4.03	24.19	999.00	166.90	12.27	4.84	24.56	164.90	5.87	14.88	25.61	999.00	-1.45	999.00	-1.08	0.00
21	12	23	9	170.80	13.13	5.20	24.99	999.00	162.10	12.13	6.55	25.43	155.90	6.80	14.10	26.60	999.00	-1.75	999.00	-1.25	0.00
21	12	23	10	165.80	17.27	4.69	26.09	999.00	157.00	16.39	5.24	26.65	152.70	8.87	14.52	27.94	999.00	-1.86	999.00	-1.30	0.00
21	12	23	11	164.30	20.27	5.63	27.56	999.00	157.30	18.95	6.05	28.10	154.80	11.17	14.79	29.42	999.00	-1.85	999.00	-1.31	0.00
21	12	23	12	177.50	17.33	6.32	29.48	999.00	170.40	16.33	7.31	30.06	167.40	9.15	15.24	31.34	999.00	-1.78	999.00	-1.20	0.00

21	12	23	13	181.90	19.09	4.86	31.93	999.00	174.70	18.12	5.60	32.53	172.80	11.93	11.89	33.76	999.00	-1.76	999.00	-1.15	0.00
21	12	23	14	186.80	17.19	6.71	34.66	999.00	179.80	16.28	6.73	35.29	175.70	9.89	13.11	36.47	999.00	-1.88	999.00	-1.20	0.00
21	12	23	15	182.90	16.69	5.28	37.15	999.00	175.90	15.55	6.72	37.89	175.10	9.47	11.88	39.10	999.00	-1.68	999.00	-1.01	0.00
21	12	23	16	169.00	16.48	3.62	37.05	999.00	161.30	14.97	4.71	37.55	155.60	7.39	14.12	38.36	999.00	-1.16	999.00	-0.72	0.00
21	12	23	17	170.60	18.25	4.24	37.24	999.00	161.20	16.20	5.01	37.59	156.20	7.44	13.78	38.14	999.00	-0.86	999.00	-0.53	0.00
21	12	23	18	170.20	17.53	4.98	37.82	999.00	160.10	15.19	5.53	38.09	152.50	6.95	14.83	38.58	999.00	-0.64	999.00	-0.41	0.00
21	12	23	19	185.40	18.80	4.38	39.64	999.00	178.50	16.50	4.91	39.83	179.00	7.69	13.59	40.04	999.00	-0.38	999.00	-0.17	0.00
21	12	23	20	209.00	19.56	4.43	39.64	999.00	201.60	17.38	4.85	39.83	196.20	8.02	11.85	40.04	999.00	-0.42	999.00	-0.16	0.00
21	12	23	21	219.30	20.66	3.83	42.61	999.00	214.30	18.28	4.20	42.76	207.30	9.18	12.02	42.63	999.00	0.00	999.00	0.20	0.00
21	12	23	22	221.40	19.14	2.92	43.32	999.00	214.10	16.56	3.51	43.49	209.50	7.30	10.91	43.13	999.00	0.10	999.00	0.24	0.00
21	12	23	23	237.80	18.56	3.16	43.46	999.00	232.60	16.21	3.33	43.55	230.20	7.51	7.93	42.62	999.00	0.90	999.00	1.07	0.00
21	12	23	24	246.30	16.43	3.99	43.79	999.00	242.10	14.49	4.33	44.06	238.90	7.36	8.42	43.69	999.00	-0.16	999.00	0.13	0.00
21	12	24	1	246.80	14.27	3.11	43.15	999.00	240.30	12.06	2.97	43.41	222.90	5.56	4.47	42.96	999.00	0.72	999.00	0.97	0.00
21	12	24	2	245.70	13.46	2.48	42.76	999.00	238.50	10.99	2.49	42.95	214.80	4.46	5.21	41.89	999.00	0.62	999.00	0.78	0.00
21	12	24	3	233.50	14.19	2.61	42.76	999.00	225.00	12.12	3.06	42.95	201.50	4.63	9.31	41.89	999.00	0.75	999.00	0.83	0.00
21	12	24	4	234.30	12.15	3.66	42.99	999.00	220.10	10.54	3.61	43.04	184.20	3.56	9.74	42.29	999.00	0.80	999.00	0.69	0.00
21	12	24	5	219.00	13.86	2.05	43.44	999.00	205.10	10.72	2.74	43.36	162.20	3.32	8.76	42.00	999.00	1.85	999.00	1.68	0.00
21	12	24	6	208.00	12.68	2.56	44.06	999.00	190.10	10.81	2.28	43.65	121.60	2.45	9.02	41.63	999.00	2.96	999.00	2.55	0.00
21	12	24	7	201.70	15.72	2.60	44.95	999.00	187.40	12.57	2.79	44.44	138.10	2.53	9.93	41.46	999.00	3.15	999.00	2.65	0.00
21	12	24	8	197.40	17.00	2.85	44.69	999.00	182.20	13.53	3.38	44.02	143.40	4.35	7.73	42.04	999.00	2.83	999.00	2.04	0.00
21	12	24	9	180.80	15.52	4.57	45.55	999.00	162.80	12.99	6.79	45.06	122.60	4.29	14.38	43.28	999.00	2.46	999.00	1.80	0.00
21	12	24	10	173.40	16.81	3.25	45.09	999.00	158.60	14.08	3.98	44.68	143.90	5.80	13.92	44.50	999.00	0.25	999.00	-0.10	0.00
21	12	24	11	183.70	16.68	3.79	45.78	999.00	175.20	14.22	5.07	46.04	169.60	6.81	11.13	46.47	999.00	-0.67	999.00	-0.38	0.00
21	12	24	12	189.60	19.25	4.57	47.09	999.00	182.70	17.58	5.51	47.57	177.20	10.63	10.07	48.22	999.00	-1.44	999.00	-0.83	0.00
21	12	24	13	183.80	18.37	5.40	47.09	999.00	176.90	17.04	6.36	47.57	176.30	10.61	12.59	48.22	999.00	-1.65	999.00	-0.94	0.00
21	12	24	14	191.00	16.54	4.09	51.13	999.00	184.40	15.21	4.98	51.73	177.70	8.40	10.89	52.37	999.00	-1.03	999.00	-0.50	0.00
21	12	24	15	188.90	23.83	5.73	52.06	999.00	183.10	22.41	6.03	52.63	179.70	13.23	11.62	53.29	999.00	-1.52	999.00	-0.85	0.00
21	12	24	16	183.80	24.15	3.99	52.55	999.00	175.90	22.62	5.14	53.14	171.60	12.66	12.44	53.83	999.00	-1.09	999.00	-0.56	0.00
21	12	24	17	183.50	24.97	4.33	51.84	999.00	177.30	23.01	4.89	52.23	175.10	12.85	11.61	52.62	999.00	-0.65	999.00	-0.31	0.00
21	12	24	18	184.70	26.97	4.96	52.18	999.00	178.20	24.13	6.04	52.53	176.60	13.73	11.40	52.86	999.00	-0.63	999.00	-0.30	0.00
21	12	24	19	189.40	27.01	5.05	52.48	999.00	183.00	25.02	5.55	52.87	178.80	14.49	12.41	53.27	999.00	-0.96	999.00	-0.53	0.00
21	12	24	20	173.00	22.60	3.91	52.48	999.00	165.40	20.99	4.94	52.87	162.20	10.09	15.28	53.27	999.00	-1.15	999.00	-0.56	0.00
21	12	24	21	178.20	20.51	4.49	48.97	999.00	170.40	18.00	5.26	49.44	167.10	7.22	15.06	49.88	999.00	-0.80	999.00	-0.38	0.00
21	12	24	22	190.70	20.30	4.62	50.34	999.00	183.20	17.69	5.06	50.79	177.00	8.11	11.45	50.99	999.00	-0.50	999.00	-0.02	0.00
21	12	24	23	198.70	21.94	4.20	52.59	999.00	191.90	19.44	4.93	53.25	186.90	9.23	12.62	53.42	999.00	-0.45	999.00	-0.11	0.00
21	12	24	24	203.90	20.41	4.39	53.87	999.00	197.50	18.26	5.11	54.19	193.40	8.39	13.07	54.35	999.00	-0.61	999.00	-0.19	0.00
21	12	25	1	199.10	22.29	2.62	53.80	999.00	190.90	19.26	3.03	54.35	184.50	8.34	11.31	54.25	999.00	-0.34	999.00	0.35	0.00
21	12	25	2	208.20	18.59	3.69	55.26	999.00	198.40	16.24	4.01	55.40	191.20	6.45	14.04	55.09	999.00	0.37	999.00	0.40	0.00
21	12	25	3	224.80	22.65	4.18	55.26	999.00	219.30	19.98	4.68	55.40	213.30	10.31	9.73	55.09	999.00	0.28	999.00	0.44	0.00
21	12	25	4	227.80	20.72	3.72	55.66	999.00	221.00	18.14	3.80	56.09	213.10	8.56	8.70	55.64	999.00	0.20	999.00	0.61	0.03
21	12	25	5	223.50	24.27	3.68	55.29	999.00	216.40	21.39	4.39	55.71	209.60	11.15	9.51	55.32	999.00	-0.19	999.00	0.20	0.04
21	12	25	6	231.20	25.58	4.88	55.38	999.00	223.70	23.08	4.59	55.74	214.10	13.68	8.69	55.59	999.00	-0.10	999.00	0.26	0.00
21	12	25	7	246.60	22.40	4.72	55.91	999.00	239.60	20.24	4.87	56.21	231.40	11.30	9.50	55.38	999.00	0.77	999.00	1.09	0.00
21	12	25	8	257.30	19.35	2.89	56.20	999.00	248.70	16.69	3.46	56.42	235.80	7.94	8.82	55.89	999.00	0.22	999.00	0.35	0.00
21	12	25	9	264.20	14.38	3.61	55.95	999.00	251.40	12.79	3.32	55.96	227.40	6.25	5.43	55.26	999.00	0.97	999.00	0.94	0.00
21	12	25	10	293.10	13.59	5.16	55.69	999.00	282.10	11.34	6.52	55.72	269.60	4.64	11.30	55.32	999.00	-0.23	999.00	-0.20	0.00

21	12	25	11	322.00	16.92	3.24	54.49	999.00	315.00	15.59	3.73	54.50	303.50	8.69	8.79	55.12	999.00	-0.13	999.00	-0.35	0.00
21	12	25	12	328.70	17.67	1.52	52.53	999.00	324.60	17.42	1.80	52.56	313.60	8.70	9.64	52.54	999.00	0.43	999.00	0.40	0.00
21	12	25	13	338.20	22.50	3.79	50.96	999.00	332.00	22.19	4.25	50.95	322.70	9.89	8.54	50.10	999.00	1.52	999.00	1.31	0.00
21	12	25	14	341.40	21.75	1.30	48.45	999.00	335.70	21.89	1.69	48.50	329.30	12.60	7.64	47.48	999.00	0.05	999.00	0.62	0.00
21	12	25	15	339.40	17.90	2.28	46.78	999.00	333.20	17.53	3.17	47.43	319.20	8.72	10.15	46.81	999.00	0.49	999.00	0.86	0.00
21	12	25	16	345.40	17.85	2.10	46.04	999.00	338.70	17.59	3.17	46.00	314.50	8.40	10.99	45.13	999.00	1.14	999.00	0.69	0.00
21	12	25	17	345.90	16.44	4.16	45.49	999.00	340.30	15.84	3.59	45.18	321.30	8.04	8.47	44.42	999.00	0.83	999.00	0.49	0.00
21	12	25	18	338.90	18.60	1.74	44.91	999.00	333.20	18.14	2.88	45.18	320.50	8.34	9.29	43.61	999.00	1.29	999.00	1.47	0.00
21	12	25	19	346.90	15.63	2.26	44.37	999.00	339.90	16.15	2.37	44.59	320.30	7.09	9.19	43.42	999.00	1.38	999.00	1.76	0.00
21	12	25	20	336.00	6.78	9.15	43.81	999.00	329.30	7.54	8.24	44.24	253.20	1.82	75.30	42.68	999.00	1.62	999.00	2.02	0.00
21	12	25	21	312.40	6.12	5.24	43.17	999.00	305.40	7.68	6.80	43.32	278.20	3.69	6.42	42.70	999.00	0.42	999.00	0.26	0.00
21	12	25	22	331.60	9.89	4.51	42.29	999.00	328.70	7.82	5.85	41.88	334.20	4.63	14.16	42.00	999.00	0.09	999.00	-0.35	0.00
21	12	25	23	330.10	9.87	5.03	40.92	999.00	313.90	8.42	8.02	40.60	296.60	4.12	12.50	40.81	999.00	-0.37	999.00	-0.31	0.00
21	12	25	24	342.10	8.16	13.12	39.51	999.00	328.00	6.79	15.17	39.53	303.30	3.55	33.04	40.15	999.00	-0.93	999.00	-0.79	0.00
21	12	26	1	49.79	6.32	7.88	38.15	999.00	42.07	5.41	9.54	38.55	25.62	3.40	9.25	39.46	999.00	-1.26	999.00	-0.88	0.00
21	12	26	2	47.94	8.67	3.79	38.00	999.00	51.16	9.96	3.06	38.26	36.84	5.49	9.67	38.69	999.00	-0.31	999.00	-0.04	0.00
21	12	26	3	49.72	6.34	3.95	38.16	999.00	53.45	7.64	4.43	38.54	56.14	4.50	10.37	38.40	999.00	-0.22	999.00	0.10	0.00
21	12	26	4	74.60	5.88	2.26	37.71	999.00	66.82	6.11	2.79	38.08	94.40	1.40	40.06	37.90	999.00	-0.13	999.00	0.18	0.00
21	12	26	5	123.10	4.84	9.57	37.63	999.00	113.40	5.29	10.10	37.88	165.40	2.19	11.31	36.69	999.00	1.34	999.00	1.51	0.00
21	12	26	6	145.40	4.02	1.63	37.46	999.00	133.60	3.38	1.30	37.60	221.10	2.03	11.95	34.91	999.00	2.65	999.00	2.67	0.00
21	12	26	7	28.40	2.93	8.39	36.73	999.00	359.90	4.37	9.48	36.77	336.50	4.23	3.91	32.94	999.00	3.50	999.00	3.52	0.00
21	12	26	8	3.94	3.53	11.71	36.07	999.00	346.80	5.39	4.85	36.05	308.30	2.71	25.99	34.06	999.00	1.29	999.00	1.32	0.00
21	12	26	9	3.95	6.02	3.82	35.77	999.00	359.70	5.69	5.44	36.05	315.40	3.08	15.74	35.35	999.00	0.19	999.00	0.48	0.00
21	12	26	10	337.70	0.64	69.04	36.10	999.00	347.30	1.45	96.10	36.44	244.30	1.23	88.80	36.58	999.00	-1.12	999.00	-0.60	0.00
21	12	26	11	9.32	2.85	10.71	36.23	999.00	5.46	3.07	7.60	36.74	353.50	3.99	11.39	37.31	999.00	-1.07	999.00	-0.69	0.00
21	12	26	12	351.30	4.57	8.39	35.48	999.00	348.00	5.02	6.74	36.06	345.30	5.78	7.83	37.04	999.00	-1.44	999.00	-0.90	0.00
21	12	26	13	343.70	7.16	7.87	34.47	999.00	338.90	7.17	8.65	35.08	331.50	6.62	11.62	36.10	999.00	-1.81	999.00	-1.16	0.00
21	12	26	14	5.78	8.71	8.60	33.92	999.00	358.30	8.62	7.66	34.51	349.60	8.43	8.27	35.59	999.00	-1.62	999.00	-1.11	0.00
21	12	26	15	24.96	5.88	11.36	34.13	999.00	19.04	5.07	9.75	34.67	11.18	5.60	16.35	35.63	999.00	-1.44	999.00	-0.90	0.00
21	12	26	16	40.03	4.39	13.97	34.67	999.00	37.23	4.69	13.94	35.17	23.91	4.99	21.16	36.04	999.00	-1.41	999.00	-0.87	0.00
21	12	26	17	75.80	6.90	4.72	34.54	999.00	69.35	6.71	5.14	35.09	64.17	4.38	12.16	36.14	999.00	-1.63	999.00	-1.10	0.00
21	12	26	18	90.10	10.36	3.94	34.68	999.00	84.20	10.09	4.18	35.19	85.00	5.09	13.30	36.12	999.00	-1.34	999.00	-0.83	0.00
21	12	26	19	82.40	12.20	2.87	34.57	999.00	75.50	12.14	3.56	35.10	71.70	7.03	11.95	36.10	999.00	-1.63	999.00	-1.08	0.00
21	12	26	20	72.80	14.14	2.76	34.08	999.00	65.19	14.35	2.77	34.60	58.58	9.35	9.65	35.59	999.00	-1.49	999.00	-0.98	0.00
21	12	26	21	68.79	13.09	3.98	34.14	999.00	61.29	12.67	4.73	34.63	58.80	7.69	10.58	35.58	999.00	-1.46	999.00	-0.97	0.00
21	12	26	22	72.40	19.33	2.98	34.35	999.00	65.53	18.60	3.95	34.84	60.72	12.09	9.49	35.79	999.00	-1.49	999.00	-0.98	0.00
21	12	26	23	78.50	20.63	3.35	34.16	999.00	71.10	19.69	4.02	34.68	64.62	12.03	11.73	35.71	999.00	-1.57	999.00	-1.05	0.00
21	12	26	24	92.30	20.96	3.19	34.65	999.00	84.40	19.70	4.42	35.12	77.90	9.89	12.97	36.15	999.00	-1.34	999.00	-0.93	0.00
21	12	27	1	96.00	28.65	2.53	35.71	999.00	89.30	27.49	3.56	36.20	88.10	13.18	14.10	37.17	999.00	-1.47	999.00	-0.98	0.00
21	12	27	2	91.70	25.12	4.65	35.74	999.00	84.70	23.60	5.83	36.27	79.10	11.39	14.72	37.28	999.00	-1.58	999.00	-1.05	0.00
21	12	27	3	99.10	24.45	8.52	35.46	999.00	92.60	23.31	9.69	35.99	88.50	11.89	17.71	37.07	999.00	-1.62	999.00	-1.09	0.00
21	12	27	4	124.80	20.26	9.76	35.00	999.00	118.00	19.45	9.92	35.49	114.10	11.84	17.09	36.63	999.00	-1.57	999.00	-1.26	0.00
21	12	27	5	104.10	26.60	4.80	33.45	999.00	97.60	25.41	5.45	34.03	92.40	12.68	15.19	35.33	999.00	-1.82	999.00	-1.16	0.09
21	12	27	6	92.80	23.99	2.72	33.63	999.00	85.60	23.26	3.24	34.23	83.80	11.11	14.02	35.27	999.00	-1.53	999.00	-0.97	0.04
21	12	27	7	93.50	29.73	2.81	33.66	999.00	86.80	28.32	3.67	34.25	83.80	13.90	14.12	35.19	999.00	-1.51	999.00	-0.89	0.00
21	12	27	8	102.40	28.66	3.84	33.93	999.00	95.20	26.98	4.84	34.54	92.10	13.34	14.31	35.39	999.00	-1.43	999.00	-0.84	0.00

21	12	27	9	90.00	25.62	3.66	34.46	999.00	82.80	24.52	4.28	34.98	78.70	11.91	13.35	35.91	999.00	-1.48	999.00	-0.99	0.00
21	12	27	10	93.80	21.25	3.42	34.36	999.00	86.70	19.58	5.26	34.87	84.20	9.18	15.64	35.91	999.00	-1.59	999.00	-1.08	0.00
21	12	27	11	107.30	21.06	3.29	34.58	999.00	100.60	20.03	4.37	35.06	99.20	11.06	13.92	36.17	999.00	-1.56	999.00	-1.12	0.00
21	12	27	12	120.20	15.64	4.52	35.34	999.00	111.30	14.68	4.50	35.75	108.10	7.54	12.72	36.84	999.00	-1.45	999.00	-1.06	0.00
21	12	27	13	148.20	11.09	6.29	36.67	999.00	139.00	9.98	6.85	37.00	136.30	6.61	13.97	38.00	999.00	-1.23	999.00	-0.91	0.00
21	12	27	14	181.90	6.24	8.25	38.59	999.00	174.00	4.23	13.64	38.76	165.40	1.74	58.42	39.49	999.00	-0.65	999.00	-0.61	0.00
21	12	27	15	273.00	6.81	15.27	40.47	999.00	283.50	6.84	15.22	40.31	290.70	4.89	14.11	40.82	999.00	-0.81	999.00	-0.81	0.00
21	12	27	16	244.50	6.47	6.55	40.55	999.00	263.70	4.14	10.63	39.83	323.40	1.87	20.12	40.13	999.00	1.00	999.00	0.03	0.00
21	12	27	17	267.30	6.02	9.35	40.96	999.00	286.00	4.92	12.23	39.84	316.90	4.22	12.35	39.83	999.00	0.41	999.00	-0.10	0.00
21	12	27	18	279.10	10.04	6.00	39.50	999.00	292.00	8.23	4.74	38.47	297.30	5.39	16.68	38.61	999.00	1.29	999.00	0.21	0.00
21	12	27	19	258.30	17.55	2.63	40.24	999.00	251.20	14.16	3.62	39.65	232.40	4.82	11.19	38.64	999.00	1.41	999.00	1.21	0.00
21	12	27	20	281.10	19.03	4.07	41.29	999.00	273.90	16.32	5.03	41.44	263.50	8.20	9.49	41.47	999.00	-0.48	999.00	-0.33	0.00
21	12	27	21	277.50	17.83	6.14	42.31	999.00	271.20	15.91	7.99	42.61	259.00	9.17	11.34	43.13	999.00	-0.82	999.00	-0.49	0.00
21	12	27	22	253.50	17.97	2.93	42.30	999.00	244.50	15.87	3.10	42.54	230.10	8.54	7.24	42.50	999.00	0.31	999.00	0.49	0.00
21	12	27	23	257.40	21.22	3.62	41.60	999.00	250.10	18.76	3.95	42.08	238.70	9.94	8.42	41.30	999.00	0.31	999.00	0.81	0.00
21	12	27	24	258.30	18.71	4.45	40.32	999.00	252.50	16.98	4.92	40.94	242.50	8.99	9.08	40.92	999.00	-0.85	999.00	-0.16	0.00
21	12	28	1	255.00	17.30	4.48	38.49	999.00	246.90	14.90	5.07	39.05	234.30	7.64	9.38	39.42	999.00	-0.85	999.00	0.02	0.00
21	12	28	2	247.10	20.63	2.77	37.99	999.00	239.30	18.23	2.92	38.49	226.80	10.67	6.81	37.51	999.00	0.62	999.00	0.82	0.00
21	12	28	3	241.30	19.45	3.13	37.06	999.00	233.00	16.97	3.74	37.25	221.60	9.56	6.87	36.82	999.00	-0.16	999.00	0.03	0.00
21	12	28	4	251.60	16.88	4.86	36.30	999.00	243.60	14.56	4.78	36.56	235.50	8.41	9.47	36.87	999.00	-0.73	999.00	-0.46	0.00
21	12	28	5	252.20	15.91	3.37	35.76	999.00	241.60	13.09	3.70	35.92	223.90	6.94	8.87	36.08	999.00	-0.34	999.00	-0.23	0.00
21	12	28	6	237.80	16.88	2.37	35.05	999.00	227.80	15.09	2.97	35.17	211.40	7.22	8.81	35.14	999.00	0.17	999.00	0.28	0.00
21	12	28	7	239.50	14.77	2.22	35.05	999.00	228.60	12.86	2.53	35.17	211.50	5.84	7.74	35.14	999.00	0.22	999.00	0.32	0.00
21	12	28	8	233.60	15.04	3.44	34.16	999.00	222.50	13.64	4.08	34.20	202.80	5.78	10.07	34.02	999.00	0.32	999.00	0.39	0.00
21	12	28	9	240.30	11.06	2.51	34.76	999.00	226.00	11.00	3.30	34.54	209.00	4.23	9.44	34.11	999.00	0.74	999.00	0.46	0.00
21	12	28	10	210.70	10.94	2.18	34.83	999.00	204.50	11.51	2.51	34.64	181.50	4.90	10.86	34.37	999.00	0.68	999.00	0.51	0.00
21	12	28	11	214.10	3.93	8.07	35.84	999.00	217.40	3.47	12.30	35.53	151.30	1.22	40.50	35.36	999.00	0.29	999.00	-0.11	0.00
21	12	28	12	130.20	2.56	12.54	34.75	999.00	114.90	2.84	10.32	34.84	101.50	2.03	42.91	35.87	999.00	-1.47	999.00	-1.11	0.00
21	12	28	13	79.30	7.40	7.38	34.78	999.00	81.50	7.38	10.03	34.96	86.60	5.00	21.68	36.06	999.00	-1.05	999.00	-1.09	0.00
21	12	28	14	75.60	4.81	31.70	34.78	999.00	55.68	6.02	29.53	34.96	33.29	5.27	27.07	36.06	999.00	0.19	999.00	-0.37	0.00
21	12	28	15	79.10	8.67	37.58	37.72	999.00	71.20	7.21	42.72	36.97	107.30	3.95	56.82	36.88	999.00	-0.97	999.00	-0.77	0.00
21	12	28	16	85.70	14.76	3.36	35.66	999.00	74.70	13.77	3.64	35.48	62.13	7.65	11.51	36.58	999.00	-1.16	999.00	-1.61	0.00
21	12	28	17	85.10	15.41	5.39	33.03	999.00	79.30	15.33	5.37	32.91	78.80	8.11	13.88	34.29	999.00	-0.77	999.00	-0.66	0.06
21	12	28	18	89.40	19.83	3.23	31.75	999.00	82.10	18.36	4.01	31.93	80.30	9.41	13.06	32.37	999.00	-0.83	999.00	-0.60	0.09
21	12	28	19	100.10	29.67	3.24	32.37	999.00	93.50	28.84	4.18	32.50	91.40	14.89	13.30	32.96	999.00	-0.80	999.00	-0.70	0.00
21	12	28	20	99.30	23.14	4.30	33.61	999.00	92.50	22.22	5.18	33.95	88.40	10.85	16.09	34.84	999.00	-1.13	999.00	-0.77	0.00
21	12	28	21	71.70	19.42	3.88	33.61	999.00	64.11	18.67	4.76	33.95	60.45	10.98	9.72	34.84	999.00	-1.24	999.00	-0.85	0.00
21	12	28	22	78.10	19.18	5.21	34.72	999.00	70.70	17.52	6.65	35.12	63.03	9.20	13.31	35.98	999.00	-1.17	999.00	-0.78	0.00
21	12	28	23	73.40	19.08	2.64	35.50	999.00	65.94	17.90	4.05	35.89	60.86	11.21	8.92	36.70	999.00	-1.23	999.00	-0.84	0.00
21	12	28	24	68.62	15.55	3.53	35.86	999.00	61.11	14.74	4.02	36.23	55.21	8.26	9.64	37.03	999.00	-1.15	999.00	-0.80	0.00
21	12	29	1	78.00	14.90	1.70	36.11	999.00	69.30	13.54	3.17	36.46	60.94	7.04	9.63	37.22	999.00	-1.07	999.00	-0.74	0.00
21	12	29	2	89.60	8.42	4.27	36.21	999.00	77.30	7.49	5.57	36.55	60.26	3.46	16.66	37.29	999.00	-1.09	999.00	-0.72	0.00
21	12	29	3	48.53	8.04	7.87	35.10	999.00	38.40	7.51	9.33	35.30	27.85	5.98	12.64	36.05	999.00	-0.96	999.00	-0.79	0.00
21	12	29	4	66.37	4.39	5.11	35.36	999.00	56.01	5.19	2.94	35.58	46.42	3.51	9.03	36.26	999.00	-0.88	999.00	-0.57	0.00
21	12	29	5	30.53	3.27	11.68	35.57	999.00	15.34	4.25	7.28	35.77	6.07	4.43	10.01	36.44	999.00	-0.89	999.00	-0.77	0.00
21	12	29	6	310.90	0.46	40.17	35.57	999.00	15.12	1.00	24.58	35.77	315.70	1.45	17.99	36.44	999.00	-0.99	999.00	-0.76	0.00

21	12	29	7	275.60	3.81	6.99	999.00	999.00	292.00	3.03	10.06	999.00	265.50	2.74	11.00	36.28	999.00	-0.85	999.00	-0.68	0.00
21	12	29	8	228.50	5.03	11.06	35.13	999.00	224.00	5.01	11.62	35.47	216.80	3.89	13.68	36.31	999.00	-1.25	999.00	-0.84	0.00
21	12	29	9	220.90	8.28	3.81	35.14	999.00	210.60	7.08	4.88	35.42	199.90	4.52	10.09	36.28	999.00	-1.11	999.00	-0.88	0.00
21	12	29	10	226.80	8.24	3.81	35.12	999.00	221.60	7.34	5.12	35.43	219.50	6.06	8.33	36.40	999.00	-1.33	999.00	-1.01	0.00
21	12	29	11	245.30	10.57	4.99	35.87	999.00	240.20	9.03	6.43	35.96	228.10	6.89	10.21	37.07	999.00	-1.39	999.00	-1.20	0.00
21	12	29	12	254.80	11.82	7.30	36.28	999.00	248.70	10.63	8.01	36.60	236.50	6.80	10.57	37.79	999.00	-1.47	999.00	-1.15	0.00
21	12	29	13	265.10	15.25	6.03	36.87	999.00	257.80	14.54	6.32	37.21	245.80	10.78	10.57	38.41	999.00	-1.59	999.00	-1.20	0.00
21	12	29	14	266.60	13.25	7.30	36.19	999.00	261.50	12.83	7.24	36.58	256.40	9.50	11.13	37.88	999.00	-1.68	999.00	-1.32	0.00
21	12	29	15	266.70	11.87	6.96	35.89	999.00	260.90	11.04	7.08	36.21	248.80	7.31	11.46	37.68	999.00	-1.77	999.00	-1.53	0.00
21	12	29	16	298.30	14.35	6.34	35.89	999.00	293.30	14.02	6.74	36.21	282.40	9.64	12.15	37.68	999.00	-1.81	999.00	-1.60	0.00
21	12	29	17	259.10	8.13	9.54	36.18	999.00	250.50	7.33	10.19	36.43	231.90	4.63	12.61	37.90	999.00	-1.60	999.00	-1.35	0.00
21	12	29	18	230.90	8.24	6.41	36.24	999.00	222.20	7.19	6.64	36.47	214.70	3.72	10.74	37.67	999.00	-1.39	999.00	-1.24	0.00
21	12	29	19	254.20	4.96	4.44	36.07	999.00	246.40	3.82	8.86	36.30	179.70	1.62	26.64	36.99	999.00	-0.94	999.00	-0.28	0.00
21	12	29	20	281.70	7.53	2.28	36.02	999.00	275.90	6.89	2.19	36.77	265.90	3.62	5.23	36.71	999.00	-0.51	999.00	0.14	0.00
21	12	29	21	257.20	3.71	8.51	35.67	999.00	228.10	3.25	12.37	36.42	158.90	2.12	12.74	36.66	999.00	-1.29	999.00	-0.40	0.00
21	12	29	22	29.21	2.33	26.41	35.39	999.00	16.66	1.94	47.68	36.29	156.30	2.13	35.96	36.87	999.00	-1.69	999.00	-0.64	0.00
21	12	29	23	240.70	2.05	21.97	35.39	999.00	221.00	2.54	11.32	36.29	183.40	2.00	16.35	36.87	999.00	-0.62	999.00	-0.13	0.00
21	12	29	24	327.90	7.71	8.75	35.64	999.00	320.00	7.90	8.04	36.14	312.30	3.16	16.79	36.11	999.00	-0.72	999.00	-0.21	0.00
21	12	30	1	8.88	7.89	11.30	34.83	999.00	358.20	7.41	11.64	35.35	347.30	6.39	11.08	36.32	999.00	-1.66	999.00	-1.13	0.00
21	12	30	2	44.40	10.16	7.82	34.18	999.00	38.71	10.33	7.34	34.71	35.13	8.39	10.27	35.84	999.00	-1.64	999.00	-1.11	0.00
21	12	30	3	55.42	12.96	3.38	34.18	999.00	49.46	12.75	4.64	34.73	44.38	7.77	11.55	35.83	999.00	-1.64	999.00	-1.11	0.00
21	12	30	4	22.10	10.13	8.48	34.13	999.00	17.62	8.23	8.28	34.67	12.27	7.50	10.81	35.83	999.00	-1.73	999.00	-1.19	0.00
21	12	30	5	37.35	11.43	5.62	32.77	999.00	31.01	10.40	7.27	33.29	27.53	10.54	8.50	34.44	999.00	-1.73	999.00	-1.17	0.00
21	12	30	6	42.44	13.12	6.53	32.12	999.00	37.29	12.62	6.94	32.65	32.25	10.72	10.46	33.81	999.00	-1.74	999.00	-1.17	0.00
21	12	30	7	45.96	11.77	6.63	31.82	999.00	39.40	11.57	7.29	32.37	34.56	8.42	9.72	33.56	999.00	-1.60	999.00	-1.04	0.00
21	12	30	8	64.16	11.56	4.27	31.67	999.00	57.49	10.90	5.84	32.19	56.70	7.35	10.97	33.13	999.00	-1.44	999.00	-0.90	0.00
21	12	30	9	76.70	9.99	3.71	32.02	999.00	69.52	9.99	4.14	32.56	62.96	6.33	11.63	33.21	999.00	-1.21	999.00	-0.67	0.00
21	12	30	10	83.30	8.93	3.78	32.60	999.00	75.20	9.06	3.70	33.14	70.90	5.66	12.60	34.05	999.00	-1.48	999.00	-0.92	0.00
21	12	30	11	84.70	6.65	6.22	33.34	999.00	79.10	6.40	8.16	33.90	63.98	4.13	14.66	34.90	999.00	-1.65	999.00	-1.07	0.00
21	12	30	12	68.10	6.95	7.37	34.04	999.00	59.94	6.74	8.69	34.63	58.05	5.09	12.95	35.86	999.00	-2.02	999.00	-1.39	0.00
21	12	30	13	39.29	4.27	15.43	34.34	999.00	31.25	4.06	13.97	34.93	17.34	4.68	12.50	36.29	999.00	-1.84	999.00	-1.30	0.00
21	12	30	14	38.98	4.93	12.58	33.65	999.00	27.67	4.89	14.26	34.12	14.92	5.67	11.25	35.37	999.00	-1.49	999.00	-1.06	0.00
21	12	30	15	45.61	4.10	11.84	33.40	999.00	35.73	4.11	12.55	33.80	21.20	4.77	12.18	34.98	999.00	-1.53	999.00	-1.16	0.00
21	12	30	16	60.90	4.39	8.70	33.56	999.00	51.29	4.25	9.93	33.96	46.61	3.39	16.29	35.15	999.00	-1.61	999.00	-1.18	0.00
21	12	30	17	50.33	8.96	7.89	33.63	999.00	43.98	8.67	6.85	34.02	37.05	7.00	10.56	35.15	999.00	-1.54	999.00	-1.12	0.00
21	12	30	18	74.10	8.85	3.32	33.72	999.00	66.20	8.90	3.74	34.11	62.72	5.75	10.30	35.15	999.00	-1.39	999.00	-1.01	0.00
21	12	30	19	81.00	7.99	4.31	34.05	999.00	71.50	7.66	5.07	34.43	62.41	5.04	9.50	35.37	999.00	-1.26	999.00	-0.89	0.00
21	12	30	20	103.10	8.00	2.46	34.63	999.00	94.40	6.88	3.92	34.93	92.80	2.79	15.17	35.75	999.00	-0.92	999.00	-0.71	0.00
21	12	30	21	101.60	7.13	2.28	35.53	999.00	90.40	7.01	3.12	35.82	83.50	3.12	13.18	36.51	999.00	-1.04	999.00	-0.75	0.00
21	12	30	22	124.30	6.37	3.08	36.15	999.00	107.70	5.02	5.50	36.22	92.00	1.99	16.22	36.94	999.00	-0.57	999.00	-0.67	0.00
21	12	30	23	150.00	8.35	1.94	36.86	999.00	139.10	6.76	1.92	36.62	134.70	2.47	13.72	37.10	999.00	-0.01	999.00	-0.32	0.00
21	12	30	24	165.30	8.97	2.57	37.68	999.00	142.30	7.91	2.36	37.06	134.70	2.91	11.00	37.32	999.00	0.98	999.00	-0.13	0.00
21	12	31	1	171.80	9.52	1.77	39.27	999.00	155.00	10.47	1.57	38.08	153.30	3.20	10.12	37.82	999.00	1.69	999.00	0.89	0.00
21	12	31	2	165.70	12.55	7.74	40.33	999.00	154.40	11.96	4.06	39.78	147.50	4.28	21.18	38.53	999.00	1.87	999.00	0.88	0.00
21	12	31	3	190.70	13.61	3.10	40.33	999.00	176.40	10.36	4.66	39.78	160.40	3.28	12.82	38.53	999.00	0.81	999.00	0.26	0.00
21	12	31	4	204.80	18.40	1.91	40.82	999.00	193.30	14.20	2.35	40.04	175.80	5.26	7.65	39.49	999.00	1.62	999.00	0.75	0.00

21	12	31	5	227.60	16.85	2.35	41.55	999.00	218.50	14.00	2.60	41.16	208.40	5.30	10.03	40.53	999.00	0.47	999.00	0.33	0.00
21	12	31	6	227.00	14.68	3.00	41.49	999.00	217.20	12.59	3.13	41.52	198.40	4.26	10.30	41.09	999.00	0.40	999.00	0.50	0.00
21	12	31	7	227.50	16.30	3.13	41.14	999.00	219.60	14.20	3.59	41.24	208.80	5.92	10.72	40.82	999.00	0.12	999.00	0.29	0.00
21	12	31	8	224.40	14.94	2.88	40.45	999.00	215.10	12.88	3.63	40.58	207.60	5.95	10.75	40.68	999.00	-0.39	999.00	-0.25	0.00
21	12	31	9	243.50	15.09	3.54	40.73	999.00	236.80	12.50	4.05	40.66	221.90	5.76	8.37	40.72	999.00	0.44	999.00	0.20	0.00
21	12	31	10	275.50	13.65	3.30	40.73	999.00	270.00	11.33	4.53	40.66	266.00	4.84	10.50	40.72	999.00	-0.46	999.00	-0.48	0.00
21	12	31	11	253.30	7.67	14.80	42.55	999.00	246.30	7.59	16.98	43.08	234.10	5.53	23.87	44.64	999.00	-3.12	999.00	-2.32	0.00
21	12	31	12	188.00	11.91	4.37	39.52	999.00	182.00	11.46	5.23	40.17	180.40	8.04	11.56	41.97	999.00	-2.35	999.00	-1.69	0.00
21	12	31	13	177.60	6.43	6.15	40.00	999.00	170.80	6.36	5.88	40.78	168.00	4.85	15.32	42.61	999.00	-2.75	999.00	-1.97	0.00
21	12	31	14	164.40	6.54	8.01	42.55	999.00	154.30	6.52	8.56	43.60	140.00	4.55	18.29	45.53	999.00	-1.32	999.00	-0.46	0.00
21	12	31	15	161.20	5.61	9.66	43.76	999.00	151.70	5.45	14.03	44.37	128.30	3.58	26.81	44.52	999.00	-1.22	999.00	-0.44	0.00
21	12	31	16	109.80	5.80	2.47	43.98	999.00	94.70	6.51	4.50	44.38	70.50	4.92	8.18	43.83	999.00	0.69	999.00	1.01	0.00
21	12	31	17	99.70	11.89	2.01	43.56	999.00	92.10	13.22	1.98	43.66	96.30	5.10	13.01	42.31	999.00	0.61	999.00	0.86	0.00
21	12	31	18	112.20	16.30	2.14	43.45	999.00	100.30	16.67	2.62	43.40	91.20	6.57	13.30	42.44	999.00	0.55	999.00	0.15	0.00
21	12	31	19	117.90	18.59	0.80	42.77	999.00	107.80	17.90	1.63	42.71	103.70	6.94	11.77	42.13	999.00	0.57	999.00	0.37	0.00
21	12	31	20	150.00	18.45	2.85	42.77	999.00	133.40	14.53	2.28	42.71	102.20	5.23	11.63	42.13	999.00	3.94	999.00	2.23	0.00
21	12	31	21	118.60	8.04	16.90	44.97	999.00	81.20	8.21	16.55	44.19	43.90	8.59	21.64	41.40	999.00	3.90	999.00	3.13	0.00
21	12	31	22	160.60	10.24	5.97	44.85	999.00	128.10	9.03	5.55	43.96	78.10	2.82	21.38	41.43	999.00	3.96	999.00	2.76	0.00
21	12	31	23	206.90	17.11	1.80	48.04	999.00	204.90	13.55	3.88	46.97	134.00	2.56	57.73	41.11	999.00	7.92	999.00	7.07	0.00
21	12	31	24	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00	999.00

L-22-092
Enclosure C

Environmental, Inc. Midwest Laboratory, Monthly Progress Report for January through December 2021 which contains the 2021 Radiological Environmental Monitoring Program Sample Analysis Results

(1 Report follows)

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MONTHLY
PROGRESS REPORT

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

DAVIS-BESSE NUCLEAR POWER STATION
OAK HARBOR, OHIO

Reporting Period: January-December, 2021

Prepared and Submitted by
ENVIRONMENTAL, INC.,
MIDWEST LABORATORY

Project Number: 8003

Reviewed and Approved _____ Date 2/17/22
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Distribution: A. Avery, Davis-Besse (2 copies and Original Raw Data)
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1.0 INTRODUCTION

The following constitutes the current 2021 Monthly Progress Report for the Radiological Environmental Monitoring Program conducted at the Davis-Besse Nuclear Power Station in Oak Harbor, Ohio. Results of completed analyses are presented in the attached tables.

All activities, except gross alpha and gross beta, are decay corrected to the time of collection.

All samples were collected within the scheduled period unless noted otherwise in the Listing of Missed Samples.

2.0 LISTING OF MISSED SAMPLES

Sample Type	Location	Expected Collection Date	Reason
AP/AI	T-12	7/20/2021	No sample due to a power failure.
AP/AI	T-12	8/24/2021	No sample due to a power failure.
AP/AI	T-12	8/31/2021	No sample due to a power failure.
AP/AI	T-12	9/7/2021	No sample due to a power failure.
AP/AI	T-12	9/14/2021	No sample due to a power failure.
AP/AI	T-12	9/21/2021	No sample due to a power failure.
AP/AI	T-12	9/28/2021	No sample due to a power failure.
AP/AI	T-12	10/5/2021	No sample due to a power failure.
AP/AI	T-12	10/12/2021	No sample due to a power failure.
AP/AI	T-12	10/19/2021	No sample due to a power failure.
AP/AI	T-12	10/26/2021	No sample due to a power failure.
AP/AI	T-12	11/2/2021	No sample due to a power failure.
AP/AI	T-12	11/9/2021	No sample due to a power failure.
AP/AI	T-12	11/16/2021	No sample due to a power failure.
AP/AI	T-12	11/23/2021	No sample due to a power failure.
AP/AI	T-12	11/30/2021	No sample due to a power failure.
AP/AI	T-12	12/7/2021	No sample due to a power failure.
AP/AI	T-11	12/14/2021	Pump failure
AP/AI	T-12	12/14/2021	No sample due to a power failure.

3.0 DATA TABULATIONS

Table 1. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a].

Location: T-1

Units: pCi/m^3

Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010	Required LLD		0.010
01-05-21	571	0.023 ± 0.002	07-06-21	577	0.018 ± 0.002
01-12-21	571	0.032 ± 0.003	07-13-21	569	0.021 ± 0.002
01-19-21	571	0.033 ± 0.003	07-20-21	572	0.020 ± 0.002
01-26-21	571	0.015 ± 0.002	07-27-21	571	0.020 ± 0.002
02-02-21	572	0.014 ± 0.002	08-03-21	571	0.020 ± 0.002
02-09-21	570	0.034 ± 0.003	08-10-21	571	0.031 ± 0.003
02-17-21	653	0.028 ± 0.002	08-17-21	572	0.023 ± 0.002
02-23-21	488	0.056 ± 0.004	08-24-21	570	0.037 ± 0.003
03-02-21	572	0.025 ± 0.002	08-31-21	567	0.032 ± 0.003
03-09-21	570	0.032 ± 0.003	09-07-21	570	0.025 ± 0.002
03-16-21	569	0.026 ± 0.002	09-14-21	572	0.036 ± 0.003
03-23-21	570	0.028 ± 0.002	09-21-21	571	0.028 ± 0.003
03-30-21	570	0.018 ± 0.002	09-28-21	572	0.021 ± 0.002
1st Quarter Mean ± s.d.		0.028 ± 0.011	3rd Quarter Mean ± s.d.		0.026 ± 0.007
04-06-21	572	0.031 ± 0.002	10-05-21	572	0.025 ± 0.002
04-13-21	573	0.024 ± 0.002	10-12-21	570	0.034 ± 0.003
04-20-21	569	0.016 ± 0.002	10-19-21	571	0.031 ± 0.003
04-27-21	571	0.023 ± 0.002	10-26-21	571	0.030 ± 0.003
			11-02-21	571	0.016 ± 0.002
05-04-21	571	0.023 ± 0.002			
05-11-21	570	0.007 ± 0.002	11-09-21	574	0.035 ± 0.003
05-18-21	571	0.018 ± 0.002	11-16-21	571	0.026 ± 0.003
05-25-21	571	0.029 ± 0.003	11-23-21	571	0.023 ± 0.002
06-01-21	304	0.038 ± 0.004	11-30-21	572	0.022 ± 0.002
06-08-21	571	0.029 ± 0.003	12-07-21	571	0.031 ± 0.003
06-15-21	572	0.019 ± 0.002	12-14-21	571	0.030 ± 0.003
06-22-21	572	0.021 ± 0.002	12-21-21	570	0.027 ± 0.003
06-29-21	570	0.020 ± 0.002	12-28-21	570	0.050 ± 0.003
2nd Quarter Mean ± s.d.		0.023 ± 0.008	4th Quarter Mean ± s.d.		0.029 ± 0.008
			Cumulative Average		0.026

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.

Table 2. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a].
Location: T-2
Units: pCi/m^3
Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010			0.010
01-05-21	572	0.025 ± 0.003	07-06-21	577	0.021 ± 0.002
01-12-21	570	0.033 ± 0.003	07-13-21	569	0.025 ± 0.002
01-19-21	572	0.034 ± 0.003	07-20-21	560	0.023 ± 0.003
01-26-21	571	0.021 ± 0.002	07-27-21	574	0.031 ± 0.003
02-02-21	573	0.015 ± 0.002	08-03-21	570	0.028 ± 0.003
02-09-21	570	0.035 ± 0.003	08-10-21	568	0.039 ± 0.003
02-17-21	653	0.029 ± 0.002	08-17-21	574	0.026 ± 0.002
02-23-21	488	0.051 ± 0.004	08-24-21	568	0.048 ± 0.003
03-02-21	572	0.022 ± 0.002	08-31-21	578	0.042 ± 0.003
03-09-21	570	0.027 ± 0.003	09-07-21	569	0.030 ± 0.003
03-16-21	570	0.028 ± 0.002	09-14-21	572	0.040 ± 0.003
03-23-21	569	0.028 ± 0.002	09-21-21	571	0.029 ± 0.003
03-30-21	571	0.015 ± 0.002	09-28-21	571	0.021 ± 0.002
1st Quarter Mean ± s.d.		0.028 ± 0.009	3rd Quarter Mean ± s.d.		0.031 ± 0.009
04-06-21	571	0.032 ± 0.002	10-05-21	575	0.025 ± 0.002
04-13-21	574	0.023 ± 0.002	10-12-21	568	0.035 ± 0.003
04-20-21	568	0.016 ± 0.002	10-19-21	569	0.028 ± 0.003
04-27-21	571	0.023 ± 0.002	10-26-21	576	0.031 ± 0.003
			11-02-21	566	0.015 ± 0.002
05-04-21	571	0.024 ± 0.002			
05-11-21	571	0.008 ± 0.002	11-09-21	574	0.031 ± 0.003
05-18-21	571	0.020 ± 0.002	11-16-21	570	0.022 ± 0.002
05-25-21	570	0.037 ± 0.003	11-23-21	577	0.024 ± 0.002
06-01-21	571	0.019 ± 0.002	11-30-21	569	0.021 ± 0.002
06-08-21	571	0.036 ± 0.003	12-07-21	570	0.026 ± 0.003
06-15-21	572	0.024 ± 0.002	12-14-21	568	0.029 ± 0.003
06-22-21	572	0.025 ± 0.002	12-21-21	570	0.028 ± 0.003
06-29-21	570	0.025 ± 0.002	12-28-21	569	0.047 ± 0.003
2nd Quarter Mean ± s.d.		0.024 ± 0.008	4th Quarter Mean ± s.d.		0.028 ± 0.008
			Cumulative Average		0.028

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.

Table 3. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a].
Location: T-3
Units: pCi/m^3
Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010			0.010
01-05-21	572	0.023 ± 0.002	07-06-21	577	0.022 ± 0.002
01-12-21	571	0.029 ± 0.003	07-13-21	569	0.025 ± 0.002
01-19-21	571	0.033 ± 0.003	07-20-21	560	0.022 ± 0.002
01-26-21	571	0.016 ± 0.002	07-27-21	574	0.031 ± 0.003
02-02-21	573	0.015 ± 0.002	08-03-21	571	0.026 ± 0.003
02-09-21	570	0.035 ± 0.003	08-10-21	568	0.036 ± 0.003
02-17-21	653	0.027 ± 0.002	08-17-21	574	0.025 ± 0.002
02-23-21	488	0.053 ± 0.004	08-24-21	568	0.043 ± 0.003
03-02-21	572	0.023 ± 0.002	08-31-21	578	0.040 ± 0.003
03-09-21	570	0.032 ± 0.003	09-07-21	569	0.028 ± 0.003
03-16-21	570	0.027 ± 0.002	09-14-21	572	0.039 ± 0.003
03-23-21	569	0.023 ± 0.002	09-21-21	571	0.026 ± 0.003
03-30-21	570	0.016 ± 0.002	09-28-21	571	0.021 ± 0.002
1st Quarter Mean ± s.d.		0.027 ± 0.010	3rd Quarter Mean ± s.d.		0.030 ± 0.008
04-06-21	571	0.027 ± 0.002	10-05-21	575	0.024 ± 0.002
04-13-21	573	0.026 ± 0.002	10-12-21	569	0.030 ± 0.003
04-20-21	569	0.014 ± 0.002	10-19-21	569	0.025 ± 0.003
04-27-21	571	0.025 ± 0.002	10-26-21	576	0.029 ± 0.003
			11-02-21	567	0.016 ± 0.002
05-04-21	571	0.025 ± 0.002			
05-11-21	571	0.009 ± 0.002	11-09-21	574	0.031 ± 0.003
05-18-21	572	0.022 ± 0.002	11-16-21	570	0.022 ± 0.002
05-25-21	570	0.033 ± 0.003	11-23-21	577	0.024 ± 0.002
06-01-21	571	0.021 ± 0.002	11-30-21	569	0.021 ± 0.002
06-08-21	571	0.037 ± 0.003	12-07-21	570	0.024 ± 0.002
06-15-21	572	0.022 ± 0.002	12-14-21	569	0.033 ± 0.003
06-22-21	572	0.024 ± 0.002	12-21-21	570	0.029 ± 0.003
06-29-21	570	0.025 ± 0.002	12-28-21	569	0.046 ± 0.003
2nd Quarter Mean ± s.d.		0.024 ± 0.007	4th Quarter Mean ± s.d.		0.027 ± 0.007
			Cumulative Average		0.027

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.

Table 4. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a].

Location: T-4

Units: pCi/m^3

Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010			0.010
01-05-21	572	0.022 ± 0.002	07-06-21	577	0.017 ± 0.002
01-12-21	571	0.031 ± 0.003	07-13-21	569	0.020 ± 0.002
01-19-21	586	0.032 ± 0.003	07-20-21	560	0.017 ± 0.002
01-26-21	571	0.017 ± 0.002	07-27-21	574	0.021 ± 0.002
02-02-21	573	0.014 ± 0.002	08-03-21	542	0.021 ± 0.002
02-09-21	570	0.032 ± 0.003	08-10-21	403	0.033 ± 0.003 [b]
02-17-21	653	0.027 ± 0.002	08-17-21	563	0.029 ± 0.003
02-23-21	487	0.053 ± 0.004	08-24-21	568	0.041 ± 0.003
03-02-21	572	0.021 ± 0.002	08-31-21	578	0.035 ± 0.003
03-09-21	570	0.029 ± 0.003	09-07-21	569	0.025 ± 0.002
03-16-21	570	0.027 ± 0.002	09-14-21	573	0.036 ± 0.003
03-23-21	569	0.027 ± 0.002	09-21-21	570	0.029 ± 0.003
03-30-21	570	0.016 ± 0.002	09-28-21	564	0.024 ± 0.003
1st Quarter Mean ± s.d.		0.027 ± 0.010	3rd Quarter Mean ± s.d.		0.027 ± 0.008
04-06-21	571	0.029 ± 0.002	10-05-21	575	0.027 ± 0.002
04-13-21	572	0.021 ± 0.002	10-12-21	569	0.037 ± 0.003
04-20-21	567	0.013 ± 0.002	10-19-21	568	0.030 ± 0.003
04-27-21	571	0.020 ± 0.002	10-26-21	576	0.028 ± 0.003
			11-02-21	567	0.016 ± 0.002
05-04-21	571	0.020 ± 0.002			
05-11-21	571	0.007 ± 0.002	11-09-21	574	0.032 ± 0.003
05-18-21	572	0.017 ± 0.002	11-16-21	570	0.025 ± 0.003
05-25-21	569	0.027 ± 0.003	11-23-21	577	0.026 ± 0.003
06-01-21	571	0.017 ± 0.002	11-30-21	569	0.023 ± 0.002
06-08-21	571	0.025 ± 0.002	12-07-21	570	0.028 ± 0.003
06-15-21	572	0.016 ± 0.002	12-14-21	568	0.029 ± 0.003
06-22-21	571	0.018 ± 0.002	12-21-21	570	0.028 ± 0.003
06-29-21	570	0.019 ± 0.002	12-28-21	570	0.044 ± 0.003
2nd Quarter Mean ± s.d.		0.019 ± 0.006	4th Quarter Mean ± s.d.		0.029 ± 0.007
			Cumulative Average		0.025

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.

[b] Pump found not running

Table 5. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a].
Location: T-7
Units: pCi/m^3
Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010			0.010
01-05-21	569	0.024 ± 0.002	07-06-21	572	0.019 ± 0.002
01-12-21	572	0.032 ± 0.003	07-13-21	569	0.022 ± 0.002
01-19-21	571	0.035 ± 0.003	07-20-21	574	0.017 ± 0.002
01-26-21	571	0.018 ± 0.002	07-27-21	569	0.025 ± 0.002
02-02-21	571	0.013 ± 0.002	08-03-21	570	0.023 ± 0.002
02-09-21	571	0.034 ± 0.003	08-10-21	574	0.032 ± 0.003
02-17-21	652	0.029 ± 0.002	08-17-21	570	0.023 ± 0.002
02-23-21	488	0.050 ± 0.004	08-24-21	569	0.039 ± 0.003
03-02-21	572	0.023 ± 0.002	08-31-21	571	0.035 ± 0.003
03-09-21	570	0.028 ± 0.003	09-07-21	571	0.023 ± 0.002
03-16-21	568	0.024 ± 0.002	09-14-21	571	0.035 ± 0.003
03-23-21	570	0.024 ± 0.002	09-21-21	572	0.028 ± 0.003
03-30-21	571	0.013 ± 0.002	09-28-21	570	0.022 ± 0.002
1st Quarter Mean ± s.d.		0.027 ± 0.010	3rd Quarter Mean ± s.d.		0.026 ± 0.007
04-06-21	571	0.028 ± 0.002	10-05-21	573	0.024 ± 0.002
04-13-21	572	0.020 ± 0.002	10-12-21	570	0.035 ± 0.003
04-20-21	557	0.014 ± 0.002	10-19-21	571	0.028 ± 0.003
04-27-21	581	0.022 ± 0.002	10-26-21	572	0.024 ± 0.002
			11-02-21	570	0.015 ± 0.002
05-04-21	563	0.019 ± 0.002			
05-11-21	570	0.007 ± 0.002	11-09-21	575	0.032 ± 0.003
05-18-21	570	0.018 ± 0.002	11-16-21	570	0.024 ± 0.002
05-25-21	571	0.031 ± 0.003	11-23-21	572	0.024 ± 0.002
06-01-21	571	0.020 ± 0.002	11-30-21	584	0.020 ± 0.002
06-08-21	572	0.029 ± 0.003	12-07-21	557	0.028 ± 0.003
06-15-21	572	0.021 ± 0.002	12-14-21	572	0.028 ± 0.003
06-22-21	571	0.020 ± 0.002	12-21-21	572	0.027 ± 0.003
06-29-21	571	0.022 ± 0.002	12-28-21	570	0.046 ± 0.003
2nd Quarter Mean ± s.d.		0.021 ± 0.006	4th Quarter Mean ± s.d.		0.027 ± 0.008
			Cumulative Average		0.025

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.

Table 6. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a].

Location: T-9

Units: pCi/m^3

Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010			0.010
01-05-21	550	0.026 ± 0.003	07-06-21	553	0.020 ± 0.002
01-12-21	591	0.037 ± 0.003	07-13-21	571	0.022 ± 0.002
01-19-21	567	0.035 ± 0.003	07-20-21	589	0.019 ± 0.002
01-26-21	571	0.019 ± 0.002	07-27-21	571	0.026 ± 0.002
02-02-21	576	0.016 ± 0.002	08-03-21	570	0.024 ± 0.002
02-09-21	568	0.035 ± 0.003	08-10-21	572	0.035 ± 0.003
02-17-21	653	0.030 ± 0.002	08-17-21	568	0.025 ± 0.002
02-23-21	491	0.057 ± 0.004	08-24-21	570	0.043 ± 0.003
03-02-21	568	0.022 ± 0.002	08-31-21	571	0.036 ± 0.003
03-09-21	572	0.029 ± 0.003	09-07-21	566	0.028 ± 0.003
03-16-21	569	0.027 ± 0.002	09-14-21	574	0.037 ± 0.003
03-23-21	552	0.031 ± 0.003	09-21-21	574	0.030 ± 0.003
03-30-21	589	0.018 ± 0.002	09-28-21	552	0.024 ± 0.003
1st Quarter Mean ± s.d.		0.029 ± 0.011	3rd Quarter Mean ± s.d.		0.028 ± 0.007
04-06-21	573	0.034 ± 0.003	10-05-21	592	0.029 ± 0.002
04-13-21	567	0.020 ± 0.002	10-12-21	572	0.033 ± 0.003
04-20-21	567	0.014 ± 0.002	10-19-21	558	0.026 ± 0.003
04-27-21	577	0.023 ± 0.002	10-26-21	571	0.025 ± 0.003
			11-02-21	581	0.017 ± 0.002
05-04-21	569	0.023 ± 0.002			
05-11-21	573	0.009 ± 0.002	11-09-21	568	0.031 ± 0.003
05-18-21	572	0.022 ± 0.002	11-16-21	576	0.022 ± 0.002
05-25-21	571	0.033 ± 0.003	11-23-21	572	0.024 ± 0.002
06-01-21	571	0.021 ± 0.002	11-30-21	572	0.023 ± 0.002
06-08-21	568	0.028 ± 0.003	12-07-21	571	0.024 ± 0.002
06-15-21	571	0.017 ± 0.002	12-14-21	573	0.030 ± 0.003
06-22-21	572	0.026 ± 0.002	12-21-21	568	0.029 ± 0.003
06-29-21	573	0.022 ± 0.002	12-28-21	570	0.048 ± 0.003
2nd Quarter Mean ± s.d.		0.022 ± 0.007	4th Quarter Mean ± s.d.		0.028 ± 0.007
			Cumulative Average		0.027

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.

Table 7. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a].

Location: T-11 (C)

Units: pCi/m^3

Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010			0.010
01-05-21	571	0.020 ± 0.002	07-06-21	577	0.021 ± 0.002
01-12-21	571	0.032 ± 0.003	07-13-21	569	0.024 ± 0.002
01-19-21	565	0.033 ± 0.003	07-20-21	572	0.023 ± 0.002
01-26-21	542	0.020 ± 0.002	07-27-21	571	0.029 ± 0.003
02-02-21	558	0.015 ± 0.002	08-03-21	571	0.025 ± 0.002
02-09-21	570	0.033 ± 0.003	08-10-21	571	0.032 ± 0.003
02-17-21	653	0.025 ± 0.002	08-17-21	567	0.022 ± 0.002
02-23-21	489	0.054 ± 0.004	08-24-21	570	0.041 ± 0.003
03-02-21	572	0.020 ± 0.002	08-31-21	567	0.038 ± 0.003
03-09-21	570	0.026 ± 0.003	09-07-21	570	0.026 ± 0.002
03-16-21	568	0.024 ± 0.002	09-14-21	571	0.038 ± 0.003
03-23-21	571	0.024 ± 0.002	09-21-21	571	0.032 ± 0.003
03-30-21	570	0.015 ± 0.002	09-28-21	571	0.026 ± 0.003
1st Quarter Mean ± s.d.		0.026 ± 0.010	3rd Quarter Mean ± s.d.		0.029 ± 0.007
04-06-21	571	0.030 ± 0.002	10-05-21	571	0.028 ± 0.003
04-13-21	572	0.024 ± 0.002	10-12-21	571	0.040 ± 0.003
04-20-21	571	0.014 ± 0.002	10-19-21	571	0.029 ± 0.003
04-27-21	572	0.026 ± 0.002	10-26-21	571	0.030 ± 0.003
			11-02-21	571	0.017 ± 0.002
05-04-21	570	0.026 ± 0.002			
05-11-21	570	0.008 ± 0.002	11-09-21	574	0.033 ± 0.003
05-18-21	571	0.022 ± 0.002	11-16-21	570	0.025 ± 0.003
05-25-21	570	0.036 ± 0.003	11-23-21	571	0.024 ± 0.002
06-01-21	571	0.020 ± 0.002	11-30-21	571	0.022 ± 0.002
06-08-21	571	0.034 ± 0.003	12-07-21	570	0.031 ± 0.003
06-15-21	572	0.021 ± 0.002	12-14-21		NS[b]
06-22-21	571	0.026 ± 0.002	12-21-21	405	0.027 ± 0.003
06-29-21	570	0.023 ± 0.002	12-28-21	570	0.048 ± 0.003
2nd Quarter Mean ± s.d.		0.024 ± 0.008	4th Quarter Mean ± s.d.		0.030 ± 0.008
			Cumulative Average		0.027

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.

[b] NS - No sample collected. See table 2.0, Listing Of Missed Samples

Table 8. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a]
Location: T-12 (C)
Units: pCi/m^3
Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010			0.010
01-05-21	571	0.022 ± 0.002	07-06-21	506	0.020 ± 0.002
01-12-21	569	0.028 ± 0.003	07-13-21	472	0.021 ± 0.003 [b]
01-19-21	572	0.030 ± 0.003	07-20-21		NS[c]
01-26-21	571	0.016 ± 0.002	07-27-21	345	0.031 ± 0.004 [d]
02-02-21	573	0.015 ± 0.002	08-03-21	397	0.018 ± 0.003 [b]
02-09-21	571	0.035 ± 0.003	08-10-21	571	0.035 ± 0.003
02-17-21	652	0.027 ± 0.002	08-17-21	145	0.028 ± 0.006 [b]
02-23-21	488	0.047 ± 0.004	08-24-21		NS[c]
03-02-21	571	0.024 ± 0.002	08-31-21		NS[c]
03-09-21	571	0.029 ± 0.003	09-07-21		NS[c]
03-16-21	570	0.029 ± 0.002	09-14-21		NS[c]
03-23-21	568	0.030 ± 0.002	09-21-21		NS[c]
03-30-21	571	0.019 ± 0.002	09-28-21		NS[c]
1st Quarter Mean ± s.d.		0.027 ± 0.008	3rd Quarter Mean ± s.d.		0.026 ± 0.007
04-06-21	572	0.032 ± 0.002	10-05-21		NS[c]
04-13-21	573	0.023 ± 0.002	10-12-21		NS[c]
04-20-21	567	0.013 ± 0.002	10-19-21		NS[c]
04-27-21	570	0.025 ± 0.002	10-26-21		NS[c]
			11-02-21		NS[c]
05-04-21	572	0.025 ± 0.002			
05-11-21	572	0.007 ± 0.002	11-09-21		NS[c]
05-18-21	571	0.021 ± 0.002	11-16-21		NS[c]
05-25-21	569	0.035 ± 0.003	11-23-21		NS[c]
06-01-21	571	0.021 ± 0.002	11-30-21		NS[c]
06-08-21	570	0.034 ± 0.003	12-07-21		NS[c]
06-15-21	573	0.023 ± 0.002	12-14-21		NS[c]
06-22-21	569	0.025 ± 0.002			Discontinued
06-29-21	303	0.027 ± 0.004 [b]			
2nd Quarter Mean ± s.d.		0.024 ± 0.008	4th Quarter Mean ± s.d.		
			Cumulative Average		0.025

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.
[b] Pump problems at the station
[c] NS - No sample collected. See table 2.0, Listing Of Missed Samples
[d] Smaller volume due to recent power restoration.

Table 9. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a].

Location: T-27

Units: pCi/m^3

Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010			0.010
01-05-21	572	0.024 ± 0.002	07-06-21	577	0.020 ± 0.002
01-12-21	570	0.033 ± 0.003	07-13-21	555	0.019 ± 0.002
01-19-21	572	0.033 ± 0.003	07-20-21	583	0.018 ± 0.002
01-26-21	570	0.019 ± 0.002	07-27-21	560	0.025 ± 0.002
02-02-21	574	0.014 ± 0.002	08-03-21	570	0.022 ± 0.002
02-09-21	570	0.035 ± 0.003	08-10-21	582	0.030 ± 0.003
02-17-21	652	0.028 ± 0.002	08-17-21	211	0.030 ± 0.005 [b]
02-23-21	487	0.056 ± 0.004	08-24-21	560	0.037 ± 0.003
03-02-21	573	0.022 ± 0.002	08-31-21	579	0.031 ± 0.003
03-09-21	570	0.029 ± 0.003	09-07-21	570	0.025 ± 0.002
03-16-21	569	0.027 ± 0.002	09-14-21	574	0.035 ± 0.003
03-23-21	569	0.043 ± 0.003	09-21-21	570	0.025 ± 0.003
03-30-21	571	0.015 ± 0.002	09-28-21	560	0.023 ± 0.002
1st Quarter Mean ± s.d.		0.029 ± 0.012	3rd Quarter Mean ± s.d.		0.026 ± 0.006
04-06-21	571	0.031 ± 0.002	10-05-21	588	0.022 ± 0.002
04-13-21	573	0.023 ± 0.002	10-12-21	568	0.034 ± 0.003
04-20-21	557	0.017 ± 0.002	10-19-21	572	0.026 ± 0.003
04-27-21	581	0.022 ± 0.002	10-26-21	578	0.024 ± 0.002
			11-02-21	560	0.013 ± 0.002
05-04-21	572	0.023 ± 0.002			
05-11-21	571	0.008 ± 0.002	11-09-21	573	0.032 ± 0.003
05-18-21	572	0.017 ± 0.002	11-16-21	571	0.023 ± 0.002
05-25-21	569	0.030 ± 0.003	11-23-21	585	0.025 ± 0.002
06-01-21	571	0.019 ± 0.002	11-30-21	561	0.021 ± 0.002
06-08-21	570	0.028 ± 0.003	12-07-21	574	0.026 ± 0.002
06-15-21	572	0.018 ± 0.002	12-14-21	567	0.031 ± 0.003
06-22-21	570	0.021 ± 0.002	12-21-21	568	0.027 ± 0.003
06-29-21	571	0.021 ± 0.002	12-28-21	570	0.051 ± 0.003
2nd Quarter Mean ± s.d.		0.021 ± 0.006	4th Quarter Mean ± s.d.		0.027 ± 0.009
			Cumulative Average		0.026

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.

[b] Lower volume due to a power failure

Table 10. Airborne particulates and charcoal canisters, analyses for gross beta and iodine-131[a].

Location: T-32 (C) New Location

Units: pCi/m^3

Collection: Continuous, weekly exchange.

Date Collected	Volume (m^3)	Gross Beta	Date Collected	Volume (m^3)	Gross Beta
Required LLD		0.010			0.010
			12-21-21	571	0.030 ± 0.003
			12-28-21	563	0.057 ± 0.003
			4th Quarter Mean ± s.d.		0.044 ± 0.019
			Cumulative Average		

[a] Iodine-131 concentrations are < 0.07 pCi/m^3 unless noted otherwise.

Table 11-1. Airborne particulate data,gross beta analyses, monthly averages, minima and maxima.

January

Location	Average	Minima	Maxima
T-11	0.024	0.015	0.033
T-12	0.022	0.015	0.030
T-32			
Controls	0.023	0.015	0.033
T-1	0.023	0.014	0.033
T-2	0.026	0.015	0.034
T-3	0.023	0.015	0.033
T-4	0.023	0.014	0.032
T-7	0.024	0.013	0.035
T-9	0.027	0.016	0.037
T-27	0.025	0.014	0.033
Indicators	0.024	0.013	0.037

February

Location	Average	Minima	Maxima
T-11	0.033	0.020	0.054
T-12	0.033	0.024	0.047
T-32			
Controls	0.033	0.020	0.054
T-1	0.036	0.025	0.056
T-2	0.034	0.022	0.051
T-3	0.035	0.023	0.053
T-4	0.033	0.021	0.053
T-7	0.034	0.023	0.050
T-9	0.036	0.022	0.057
T-27	0.035	0.022	0.056
Indicators	0.035	0.021	0.057

March

Location	Average	Minima	Maxima
T-11	0.022	0.015	0.026
T-12	0.027	0.019	0.030
T-32			
Controls	0.025	0.015	0.030
T-1	0.026	0.018	0.032
T-2	0.025	0.015	0.028
T-3	0.025	0.016	0.032
T-4	0.025	0.016	0.029
T-7	0.022	0.013	0.028
T-9	0.026	0.018	0.031
T-27	0.029	0.015	0.043
Indicators	0.025	0.013	0.043

April

Location	Average	Minima	Maxima
T-11	0.024	0.014	0.030
T-12	0.023	0.013	0.032
T-32			
Controls	0.024	0.013	0.032
T-1	0.024	0.016	0.031
T-2	0.024	0.016	0.032
T-3	0.023	0.014	0.027
T-4	0.021	0.013	0.029
T-7	0.021	0.014	0.028
T-9	0.023	0.014	0.034
T-27	0.023	0.017	0.031
Indicators	0.023	0.013	0.034

May

Location	Average	Minima	Maxima
T-11	0.022	0.008	0.036
T-12	0.022	0.007	0.035
T-32			
Controls	0.022	0.007	0.036
T-1	0.023	0.007	0.038
T-2	0.022	0.008	0.037
T-3	0.022	0.009	0.033
T-4	0.018	0.007	0.027
T-7	0.019	0.007	0.031
T-9	0.022	0.009	0.033
T-27	0.019	0.008	0.030
Indicators	0.021	0.007	0.038

June

Location	Average	Minima	Maxima
T-11	0.026	0.021	0.034
T-12	0.027	0.023	0.034
T-32			
Controls	0.027	0.021	0.034
T-1	0.022	0.019	0.029
T-2	0.028	0.024	0.036
T-3	0.027	0.022	0.037
T-4	0.020	0.016	0.025
T-7	0.023	0.020	0.029
T-9	0.023	0.017	0.028
T-27	0.022	0.018	0.028
Indicators	0.024	0.016	0.037

Note: Unless otherwise specified, samples collected on the first, second or third day of the month are grouped with data from the previous month.

Table 11-1. Airborne particulate data,gross beta analyses, monthly averages, minima and maxima.

July

Location	Average	Minima	Maxima
T-11	0.024	0.021	0.029
T-12	0.023	0.018	0.031
T-32			
Controls	0.024	0.018	0.031
T-1	0.020	0.018	0.021
T-2	0.026	0.021	0.031
T-3	0.025	0.022	0.031
T-4	0.019	0.017	0.021
T-7	0.021	0.017	0.025
T-9	0.022	0.019	0.026
T-27	0.032	0.025	0.037
Indicators	0.024	0.017	0.037

August

Location	Average	Minima	Maxima
T-11	0.033	0.022	0.041
T-12	0.032	0.028	0.035
T-32			
Controls	0.033	0.022	0.041
T-1	0.031	0.023	0.037
T-2	0.039	0.026	0.048
T-3	0.036	0.025	0.043
T-4	0.035	0.029	0.041
T-7	0.032	0.023	0.039
T-9	0.035	0.025	0.043
T-27	0.032	0.030	0.037
Indicators	0.034	0.023	0.048

September

Location	Average	Minima	Maxima
T-11	0.031	0.026	0.038
T-12			
T-32			
Controls	0.031	0.026	0.038
T-1	0.028	0.021	0.036
T-2	0.030	0.021	0.040
T-3	0.029	0.021	0.039
T-4	0.029	0.024	0.036
T-7	0.027	0.022	0.035
T-9	0.030	0.024	0.037
T-27	0.027	0.023	0.035
Indicators	0.029	0.021	0.040

October

Location	Average	Minima	Maxima
T-11	0.029	0.017	0.040
T-12			
T-32			
Controls	0.029	0.017	0.040
T-1	0.027	0.016	0.034
T-2	0.027	0.015	0.035
T-3	0.025	0.016	0.030
T-4	0.028	0.016	0.037
T-7	0.025	0.015	0.035
T-9	0.026	0.017	0.033
T-27	0.026	0.021	0.031
Indicators	0.026	0.015	0.037

November

Location	Average	Minima	Maxima
T-11	0.026	0.022	0.033
T-12			
T-32			
Controls	0.026	0.022	0.033
T-1	0.027	0.022	0.035
T-2	0.025	0.021	0.031
T-3	0.025	0.021	0.031
T-4	0.027	0.023	0.032
T-7	0.025	0.020	0.032
T-9	0.025	0.022	0.031
T-27	0.025	0.021	0.032
Indicators	0.026	0.020	0.035

December

Location	Average	Minima	Maxima
T-11	0.035	0.027	0.048
T-12			
T-32	0.044	0.030	0.057
Controls	0.040	0.027	0.057
T-1	0.035	0.027	0.050
T-2	0.033	0.026	0.047
T-3	0.033	0.024	0.046
T-4	0.032	0.028	0.044
T-7	0.032	0.027	0.046
T-9	0.033	0.024	0.048
T-27	0.034	0.026	0.051
Indicators	0.033	0.024	0.051

Note: Unless otherwise specified, samples collected on the first, second or third day of the month are grouped with data from the previous month.

Table 12. Airborne particulates, analyses for strontium-89, strontium-90 and gamma-emitting isotopes.
Collection: Quarterly Composite
Units: pCi/m^3

Location	T-1			
Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Lab Code	TAP- 964	TAP- 2112	TAP- 3303	TAP- 4326
Volume (m^3)	7418	7157	7425	7425
Sr-89	< 0.0002	< 0.0002	< 0.0003	< 0.0003
Sr-90	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Be-7	0.088 ± 0.009	0.093 ± 0.008	0.089 ± 0.010	0.075 ± 0.010
K-40	< 0.007	< 0.008	< 0.011	< 0.009
Nb-95	< 0.0003	< 0.0005	< 0.0002	< 0.0007
Zr-95	< 0.0005	< 0.0006	< 0.0008	< 0.0008
Ru-103	< 0.0003	< 0.0002	< 0.0003	< 0.0005
Ru-106	< 0.0027	< 0.0029	< 0.0028	< 0.0042
Cs-134	< 0.0004	< 0.0004	< 0.0005	< 0.0005
Cs-137	< 0.0003	< 0.0002	< 0.0004	< 0.0003
Ce-141	< 0.0005	< 0.0006	< 0.0006	< 0.0011
Ce-144	< 0.0020	< 0.0013	< 0.0024	< 0.0028

Location	T-2			
Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Lab Code	TAP- 965	TAP- 2113	TAP- 3304	TAP- 4327
Volume (m^3)	7421	7423	7421	7421
Sr-89	< 0.0002	< 0.0003	< 0.0005	< 0.0003
Sr-90	< 0.0002	< 0.0002	< 0.0004	< 0.0002
Be-7	0.084 ± 0.010	0.112 ± 0.008	0.114 ± 0.011	0.071 ± 0.010
K-40	< 0.010	< 0.009	< 0.011	< 0.011
Nb-95	< 0.0004	< 0.0005	< 0.0004	< 0.0004
Zr-95	< 0.0008	< 0.0004	< 0.0010	< 0.0008
Ru-103	< 0.0005	< 0.0004	< 0.0005	< 0.0008
Ru-106	< 0.0022	< 0.0016	< 0.0052	< 0.0023
Cs-134	< 0.0006	< 0.0003	< 0.0006	< 0.0005
Cs-137	< 0.0005	< 0.0003	< 0.0005	< 0.0004
Ce-141	< 0.0005	< 0.0006	< 0.0010	< 0.0010
Ce-144	< 0.0026	< 0.0021	< 0.0017	< 0.0023

Table 12. Airborne particulates, analyses for strontium-89, strontium-90 and gamma-emitting isotopes.
Collection: Quarterly Composite
Units: pCi/m^3

Location	T-3			
Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Lab Code	TAP- 966	TAP- 2114	TAP- 3306	TAP- 4328
Volume (m^3)	7420	7424	7422	7424
Sr-89	< 0.0004	< 0.0002	< 0.0002	< 0.0002
Sr-90	< 0.0004	< 0.0002	< 0.0002	< 0.0002
Be-7	0.085 ± 0.009	0.106 ± 0.008	0.105 ± 0.010	0.077 ± 0.009
K-40	< 0.011	< 0.010	< 0.012	< 0.010
Nb-95	< 0.0006	< 0.0005	< 0.0005	< 0.0008
Zr-95	< 0.0004	< 0.0006	< 0.0008	< 0.0007
Ru-103	< 0.0004	< 0.0005	< 0.0006	< 0.0005
Ru-106	< 0.0033	< 0.0033	< 0.0028	< 0.0037
Cs-134	< 0.0004	< 0.0004	< 0.0006	< 0.0005
Cs-137	< 0.0004	< 0.0004	< 0.0004	< 0.0006
Ce-141	< 0.0007	< 0.0007	< 0.0010	< 0.0009
Ce-144	< 0.0021	< 0.0021	< 0.0029	< 0.0026

Location	T-4			
Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Lab Code	TAP- 968	TAP- 2115	TAP- 3307	TAP- 4329
Volume (m^3)	7434	7419	7210	7423
Sr-89	< 0.0002	< 0.0002	< 0.0002	< 0.0005
Sr-90	< 0.0002	< 0.0002	< 0.0002	< 0.0004
Be-7	0.085 ± 0.010	0.090 ± 0.008	0.087 ± 0.011	0.074 ± 0.010
K-40	< 0.010	< 0.007	< 0.010	< 0.012
Nb-95	< 0.0006	< 0.0004	< 0.0007	< 0.0007
Zr-95	< 0.0007	< 0.0007	< 0.0008	< 0.0009
Ru-103	< 0.0005	< 0.0004	< 0.0004	< 0.0007
Ru-106	< 0.0029	< 0.0038	< 0.0032	< 0.0042
Cs-134	< 0.0004	< 0.0004	< 0.0005	< 0.0004
Cs-137	< 0.0005	< 0.0004	< 0.0004	< 0.0002
Ce-141	< 0.0005	< 0.0007	< 0.0005	< 0.0009
Ce-144	< 0.0017	< 0.0020	< 0.0018	< 0.0019

Table 12. Airborne particulates, analyses for strontium-89, strontium-90 and gamma-emitting isotopes.
Collection: Quarterly Composite
Units: pCi/m^3

Location	T-7			
Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Lab Code	TAP- 969	TAP- 2116	TAP- 3308	TAP- 4331
Volume (m^3)	7416	7412	7422	7428
Sr-89	< 0.0002	< 0.0002	< 0.0003	< 0.0003
Sr-90	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Be-7	0.083 ± 0.011	0.103 ± 0.008	0.100 ± 0.011	0.069 ± 0.012
K-40	< 0.012	< 0.009	< 0.011	< 0.014
Nb-95	< 0.0006	< 0.0002	< 0.0006	< 0.0018
Zr-95	< 0.0007	< 0.0007	< 0.0009	< 0.0016
Ru-103	< 0.0005	< 0.0003	< 0.0006	< 0.0005
Ru-106	< 0.0024	< 0.0040	< 0.0020	< 0.0053
Cs-134	< 0.0004	< 0.0004	< 0.0004	< 0.0007
Cs-137	< 0.0004	< 0.0003	< 0.0003	< 0.0007
Ce-141	< 0.0006	< 0.0008	< 0.0006	< 0.0013
Ce-144	< 0.0027	< 0.0019	< 0.0017	< 0.0043

Location	T-9			
Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Lab Code	TAP- 970	TAP- 2117	TAP- 3309	TAP- 4332
Volume (m^3)	7417	7424	7401	7444
Sr-89	< 0.0002	< 0.0003	< 0.0003	< 0.0003
Sr-90	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Be-7	0.093 ± 0.010	0.106 ± 0.007	0.099 ± 0.010	0.081 ± 0.009
K-40	< 0.011	< 0.008	< 0.010	< 0.010
Nb-95	< 0.0005	< 0.0004	< 0.0006	< 0.0004
Zr-95	< 0.0008	< 0.0006	< 0.0011	< 0.0009
Ru-103	< 0.0004	< 0.0003	< 0.0004	< 0.0006
Ru-106	< 0.0043	< 0.0020	< 0.0033	< 0.0045
Cs-134	< 0.0005	< 0.0003	< 0.0004	< 0.0004
Cs-137	< 0.0004	< 0.0003	< 0.0003	< 0.0003
Ce-141	< 0.0009	< 0.0004	< 0.0009	< 0.0006
Ce-144	< 0.0027	< 0.0023	< 0.0027	< 0.0025

Table 12. Airborne particulates, analyses for strontium-89, strontium-90 and gamma-emitting isotopes.
Collection: Quarterly Composite
Units: pCi/m^3

Location	T-11 (C)			
Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Lab Code	TAP- 971	TAP- 2118	TAP- 3310	TAP- 4333
Volume (m^3)	7370	7422	7418	6686
Sr-89	< 0.0002	< 0.0005	< 0.0003	< 0.0003
Sr-90	< 0.0002	< 0.0004	< 0.0002	< 0.0002
Be-7	0.079 ± 0.010	0.117 ± 0.009	0.097 ± 0.009	0.076 ± 0.009
K-40	< 0.012	< 0.009	< 0.010	< 0.011
Nb-95	< 0.0006	< 0.0003	< 0.0003	< 0.0010
Zr-95	< 0.0012	< 0.0005	< 0.0008	< 0.0009
Ru-103	< 0.0007	< 0.0005	< 0.0005	< 0.0005
Ru-106	< 0.0040	< 0.0027	< 0.0025	< 0.0037
Cs-134	< 0.0006	< 0.0004	< 0.0004	< 0.0005
Cs-137	< 0.0006	< 0.0003	< 0.0003	< 0.0004
Ce-141	< 0.0009	< 0.0007	< 0.0008	< 0.0009
Ce-144	< 0.0024	< 0.0015	< 0.0017	< 0.0020

Location	T-12 (C)			
Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Lab Code	TAP- 972	TAP- 2120	TAP- 3311	
Volume (m^3)	7418	7152	2436	Discontinued
Sr-89	< 0.0002	< 0.0002	< 0.0013	
Sr-90	< 0.0002	< 0.0002	< 0.0006	
Be-7	0.089 ± 0.009	0.113 ± 0.010	0.132 ± 0.040	
K-40	< 0.008	< 0.010	< 0.034	
Nb-95	< 0.0003	< 0.0004	< 0.0048	
Zr-95	< 0.0009	< 0.0009	< 0.0049	
Ru-103	< 0.0003	< 0.0005	< 0.0036	
Ru-106	< 0.0033	< 0.0039	< 0.0159	
Cs-134	< 0.0005	< 0.0005	< 0.0016	
Cs-137	< 0.0003	< 0.0003	< 0.0013	
Ce-141	< 0.0006	< 0.0008	< 0.0046	
Ce-144	< 0.0019	< 0.0025	< 0.0074	

Table 12. Airborne particulates, analyses for strontium-89, strontium-90 and gamma-emitting isotopes.
Collection: Quarterly Composite
Units: pCi/m^3

Location	T-27			
Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Lab Code	TAP- 973	TAP- 2121	TAP- 3312	TAP- 4334
Volume (m^3)	7419	7420	7051	7435
Sr-89	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Sr-90	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Be-7	0.093 ± 0.011	0.101 ± 0.009	0.080 ± 0.011	0.078 ± 0.010
K-40	< 0.010	< 0.011	< 0.013	< 0.011
Nb-95	< 0.0007	< 0.0004	< 0.0006	< 0.0004
Zr-95	< 0.0007	< 0.0008	< 0.0008	< 0.0009
Ru-103	< 0.0007	< 0.0006	< 0.0005	< 0.0006
Ru-106	< 0.0026	< 0.0021	< 0.0027	< 0.0026
Cs-134	< 0.0006	< 0.0004	< 0.0004	< 0.0005
Cs-137	< 0.0006	< 0.0004	< 0.0005	< 0.0005
Ce-141	< 0.0008	< 0.0008	< 0.0007	< 0.0009
Ce-144	< 0.0015	< 0.0018	< 0.0033	< 0.0016

Location	T-32 (C)
Quarter	4th Quarter
Lab Code	TAP- 4335
Volume (m^3)	1134
Sr-89	< 0.0001
Sr-90	< 0.0001
Be-7	0.166 ± 0.035
K-40	< 0.064
Nb-95	< 0.0028
Zr-95	< 0.0053
Ru-103	< 0.0035
Ru-106	< 0.0153
Cs-134	< 0.0029
Cs-137	< 0.0024
Ce-141	< 0.0052
Ce-144	< 0.0167

Table 13. Area monitors (TLD), Quarterly.
Units: mR/91 days

Indicator	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
T-1	12.8 ± 0.9	11.6 ± 1.2	11.7 ± 0.7	10.8 ± 1.3
T-2	12.1 ± 0.8	11.8 ± 0.8	12.9 ± 0.6	13.3 ± 1.0
T-3	10.4 ± 1.1	11.2 ± 1.1	11.3 ± 0.8	12.7 ± 1.3
T-4	13.7 ± 0.9	12.7 ± 0.8	14.6 ± 1.0	14.3 ± 1.1
T-5	14.5 ± 0.7	13.3 ± 0.9	15.1 ± 0.6	14.7 ± 1.2
T-6	11.1 ± 1.2	11.0 ± 1.0	10.9 ± 0.9	11.4 ± 1.0
T-10	15.2 ± 0.9	15.5 ± 0.9	14.8 ± 0.7	17.0 ± 1.1
T-38	10.6 ± 0.8	11.7 ± 1.4	11.7 ± 0.5	12.3 ± 1.6
T-40	11.0 ± 0.8	11.4 ± 1.3	11.6 ± 0.6	12.4 ± 1.4
T-41	10.3 ± 1.5	9.5 ± 0.9	10.1 ± 0.6	10.4 ± 1.0
T-42	11.6 ± 1.0	9.8 ± 0.8	12.3 ± 0.8	11.0 ± 1.2
T-43	15.1 ± 1.2	14.2 ± 1.0	14.6 ± 0.8	15.2 ± 1.3
T-44	20.1 ± 1.7	20.3 ± 1.3	22.4 ± 1.0	21.8 ± 2.0
T-45	19.0 ± 0.7	16.3 ± 1.1	20.2 ± 0.5	17.4 ± 1.5
T-46	11.7 ± 0.8	12.6 ± 0.9	12.2 ± 0.6	13.4 ± 1.5
T-47	10.9 ± 1.3	10.1 ± 0.9	11.5 ± 1.0	11.5 ± 1.2
T-48	11.3 ± 1.2	10.1 ± 1.0	12.1 ± 0.6	10.9 ± 1.0
T-49	9.1 ± 0.8	10.0 ± 1.3	9.6 ± 0.6	11.2 ± 1.7
T-51	17.8 ± 1.2	20.3 ± 1.3	19.5 ± 1.0	22.4 ± 1.5
T-52	17.7 ± 1.7	19.1 ± 1.3	17.6 ± 1.4	20.7 ± 1.4
T-54	20.3 ± 1.0	20.9 ± 1.4	22.1 ± 0.8	20.1 ± 1.6
T-55	10.1 ± 1.0	11.5 ± 1.2	11.5 ± 0.7	12.9 ± 1.4
T-60	15.0 ± 1.0	14.6 ± 1.5	15.0 ± 0.7	15.0 ± 1.6
T-62	10.9 ± 0.5	10.0 ± 0.9	11.5 ± 0.5	9.6 ± 1.1
T-67	18.9 ± 1.0	18.1 ± 1.0	20.6 ± 1.3	18.2 ± 1.1
T-68	16.4 ± 1.7	15.3 ± 0.8	16.1 ± 1.5	15.2 ± 0.9
T-69	18.1 ± 0.7	18.2 ± 0.9	19.1 ± 0.6	19.3 ± 1.1
T-71	11.4 ± 0.4	11.5 ± 0.8	11.8 ± 0.4	11.7 ± 1.1
T-73	18.8 ± 0.8	16.4 ± 1.1	19.5 ± 0.7	17.1 ± 1.4
T-74	16.2 ± 0.4	16.3 ± 1.5	16.7 ± 0.5	16.9 ± 1.6

Table 13. Area monitors (TLD), Quarterly.
Units: mR/91 days

Indicator	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
T-125	15.7 ± 1.0	17.7 ± 1.0	17.1 ± 1.0	18.0 ± 1.0
T-126	18.4 ± 0.8	18.6 ± 1.4	19.4 ± 0.7	19.8 ± 1.4
T-127	20.2 ± 0.8	21.4 ± 1.3	19.9 ± 0.7	22.0 ± 1.7
T-128	18.6 ± 1.6	20.7 ± 1.1	19.3 ± 0.9	21.6 ± 1.0
T-142	11.7 ± 1.0	11.2 ± 1.3	12.7 ± 0.7	11.4 ± 1.4
T-154	20.1 ± 0.5	23.7 ± 1.7	21.8 ± 0.6	24.8 ± 1.8
T-203	15.3 ± 0.6	14.7 ± 1.4	15.4 ± 0.7	15.1 ± 1.8
T-206	9.9 ± 0.6	9.6 ± 0.7	10.4 ± 0.6	10.3 ± 0.9
T-208	10.8 ± 1.1	10.6 ± 0.7	11.3 ± 1.0	11.3 ± 1.0
T-211	9.5 ± 0.9	9.7 ± 1.0	10.1 ± 0.8	10.1 ± 1.1
T-212	9.4 ± 0.7	9.7 ± 1.0	9.8 ± 0.6	10.7 ± 1.2
T-217	18.2 ± 1.5	18.6 ± 1.8	19.0 ± 1.5	20.1 ± 2.2
T-218	19.6 ± 1.0	20.8 ± 1.5	19.2 ± 1.3	21.9 ± 1.9
T-219	14.1 ± 1.1	17.0 ± 1.6	14.9 ± 1.2	16.4 ± 1.6
T-220	14.8 ± 0.9	17.1 ± 1.4	15.4 ± 1.1	19.0 ± 1.8
T-221	15.6 ± 0.8	18.1 ± 1.7	17.0 ± 0.9	19.0 ± 2.1
T-222	12.4 ± 0.9	15.6 ± 1.8	12.3 ± 0.7	17.8 ± 2.2
T-224	11.9 ± 0.8	12.9 ± 1.0	12.4 ± 0.8	14.6 ± 1.3
Mean ± s.d.	14.3 ± 3.6	14.6 ± 4.0	15.0 ± 3.8	15.5 ± 4.1

Table 13. Area monitors (TLD), Quarterly.
Units: mR/91 days

	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Control				
T-9	12.2 ± 1.1	13.8 ± 0.9	13.1 ± 0.8	15.3 ± 1.1
T-11	12.1 ± 0.7	13.3 ± 0.9	13.2 ± 0.5	14.8 ± 1.1
T-12	17.1 ± 1.2	17.4 ± 1.2	17.3 ± 0.9	15.1 ± 1.4
T-27	17.7 ± 1.3	19.2 ± 1.0	18.9 ± 1.4	18.6 ± 1.3
T-100	15.9 ± 0.8	17.8 ± 1.4	16.3 ± 0.5	17.9 ± 1.6
Mean ± s.d.	15.0 ± 2.7	16.3 ± 2.6	15.8 ± 2.6	16.3 ± 1.8
Special Interest				
T-7	16.6 ± 0.9	16.6 ± 1.1	16.0 ± 0.6	17.5 ± 1.2
T-124	19.0 ± 1.1	22.4 ± 1.0	19.6 ± 1.0	24.2 ± 1.2
T-150	12.8 ± 0.9	15.0 ± 0.9	13.6 ± 1.0	15.3 ± 1.1
T-155	15.9 ± 0.8	17.0 ± 1.4	17.0 ± 0.7	17.9 ± 1.5
T-201	14.4 ± 0.5	13.0 ± 0.5	14.9 ± 0.6	13.9 ± 0.7
Mean ± s.d.	15.7 ± 2.3	16.8 ± 3.5	16.2 ± 2.3	17.8 ± 4.0
QC				
T-80	9.8 ± 1.1	12.2 ± 0.8	10.6 ± 0.9	11.7 ± 1.0
T-83	10.1 ± 0.4	10.5 ± 1.2	10.5 ± 0.4	10.6 ± 1.5
T-84	12.5 ± 0.8	11.6 ± 0.8	12.7 ± 0.9	11.2 ± 0.9
T-113	19.5 ± 0.8	18.6 ± 0.9	19.3 ± 0.7	19.7 ± 1.3
T-200	9.7 ± 1.0	12.0 ± 1.4	10.4 ± 0.5	11.9 ± 1.0
Mean ± s.d.	12.3 ± 4.2	13.0 ± 3.2	12.7 ± 3.8	13.0 ± 3.8
Shield				
T-87	7.4 ± 0.7	7.3 ± 0.9	7.2 ± 0.5	5.7 ± 1.2

Table 14. Milk, analyses for strontium-89, strontium-90, iodine-131, gamma emitting isotopes, calcium and stable potassium.

Location T-24 Units: pCi/L

Date Collected	06-02-21	09-28-21
Lab Code	TMI- 1634	TMI- 3134
I-131	< 0.2	< 0.4
Sr-89	< 0.5	< 0.5
Sr-90	< 0.5	< 0.5
K-40	1434 ± 120	1562 ± 129
Cs-134	< 4.7	< 4.2
Cs-137	< 5.1	< 2.6
Ba-La-140	< 2.6	< 2.5
Ca (g/L)	1.17	1.07
Sr-90/g Ca	< 0.43	< 0.47
K (g/L)	1.75 ± 0.15	1.90 ± 0.16
Cs-137/g K	< 2.91	< 1.37

Table 15. Ground water samples, analyses for gross beta, tritium, strontium-89, strontium-90 and gamma-emitting isotopes.
Collection: Quarterly
Units: pCi/L

Period	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
Location			T-27A (C)		
Lab Code	TWW- 2052	TWW- 3629			Req. LLD
Date Collected	06-30-21	10-05-21			
Gross beta	< 3.6	< 3.8			4.0
H-3	< 330	< 330			330
Sr-89	< 0.6	< 1.0			
Sr-90	< 0.5	< 0.5			
Mn-54	< 3.3	< 1.3			15
Fe-59	< 3.6	< 3.5			30
Co-58	< 2.0	< 1.8			15
Co-60	< 2.2	< 0.8			15
Zn-65	< 3.0	< 2.5			30
Zr-Nb-95	< 2.8	< 2.0			15
Cs-134	< 2.9	< 1.1			15
Cs-137	< 3.0	< 1.1			18
Ba-La-140	< 1.7	< 8.1			15

Table 16. Green leafy vegetables, analyses for strontium-89, strontium-90, iodine-131 and other gamma-emitting isotopes.
Collection: Monthly, in season Units: pCi/g wet

Location	T-17 (I)				
Lab Code	TVE- 2038	TVE- 2039	TVE- 2392	TVE- 2393	TVE- 2819
Date Collected	06-30-21	06-30-21	07-28-21	07-28-21	09-01-21
Sample Type	Kale	Cabbage	Cabbage	Kale	Cabbage
Sr-89	< 0.013	< 0.003	< 0.008	< 0.012	< 0.005
Sr-90	< 0.011	< 0.003	< 0.006	< 0.009	< 0.004
I-131	< 0.015	< 0.021	< 0.024	< 0.042	< 0.003
K-40	5.13 ± 0.28	2.02 ± 0.24	2.06 ± 0.18	3.73 ± 0.30	1.90 ± 0.06
Nb-95	< 0.009	< 0.007	< 0.005	< 0.010	< 0.003
Zr-95	< 0.014	< 0.016	< 0.008	< 0.013	< 0.003
Cs-134	< 0.008	< 0.012	< 0.007	< 0.011	< 0.002
Cs-137	< 0.008	< 0.008	< 0.008	< 0.010	< 0.002
Ce-141	< 0.018	< 0.029	< 0.017	< 0.025	< 0.004
Ce-144	< 0.053	< 0.061	< 0.053	< 0.094	< 0.015

Location	T-17 (I)		
Lab Code	TVE- 3135	TVE- 3136	TVE- 3598
Date Collected	09-29-21	09-29-21	10-26-21
Sample Type	Kale	Cabbage	Cabbage
Sr-89	< 0.013	< 0.011	< 0.005
Sr-90	< 0.010	< 0.008	< 0.004
I-131	< 0.025	< 0.037	< 0.022
K-40	4.88 ± 0.32	2.17 ± 0.26	1.58 ± 0.20
Nb-95	< 0.011	< 0.008	< 0.009
Zr-95	< 0.014	< 0.017	< 0.017
Cs-134	< 0.009	< 0.012	< 0.009
Cs-137	< 0.011	< 0.009	< 0.009
Ce-141	< 0.027	< 0.025	< 0.020
Ce-144	< 0.098	< 0.086	< 0.073

Location	T-19 (I)	
	19C	
Lab Code	TVE- 2394	TVE- 2820
Date Collected	07-28-21	09-01-21
Sample Type	Cabbage	Cabbage
Sr-89	< 0.015	< 0.005
Sr-90	< 0.012	< 0.004
I-131	< 0.032	< 0.018
K-40	1.94 ± 0.21	2.86 ± 0.25
Nb-95	< 0.010	< 0.006
Zr-95	< 0.011	< 0.015
Cs-134	< 0.007	< 0.009
Cs-137	< 0.007	< 0.007
Ce-141	< 0.022	< 0.013
Ce-144	< 0.067	< 0.092

Table 16. Green leafy vegetables, analyses for strontium-89, strontium-90, iodine-131 and other gamma-emitting isotopes.
Collection: Monthly, in season Units: pCi/g wet

Location	T-19 (I)				
			19K		
Lab Code	TVE- 2040	TVE- 2395	TVE- 2821	TVE- 3137	TVE- 3599
Date Collected	06-30-21	07-28-21	09-01-21	09-29-21	10-27-21
Sample Type	Kale	Kale	Kale	Kale	Kale
Sr-89	< 0.012	< 0.018	< 0.013	< 0.013	< 0.019
Sr-90	< 0.010	< 0.013	< 0.010	< 0.009	< 0.014
I-131	< 0.016	< 0.018	< 0.013	< 0.038	< 0.029
K-40	4.69 ± 0.36	3.93 ± 0.24	4.91 ± 0.26	5.38 ± 0.41	4.28 ± 0.42
Nb-95	< 0.008	< 0.009	< 0.009	< 0.013	< 0.013
Zr-95	< 0.021	< 0.015	< 0.011	< 0.011	< 0.024
Cs-134	< 0.012	< 0.006	< 0.006	< 0.014	< 0.014
Cs-137	< 0.009	< 0.007	< 0.008	< 0.009	< 0.013
Ce-141	< 0.025	< 0.012	< 0.013	< 0.033	< 0.032
Ce-144	< 0.083	< 0.034	< 0.060	< 0.129	< 0.099

Location	T-30		
Lab Code	TVE- 2822	TVE- 3138	TVE- 3600
Date Collected	08-31-21	09-28-21	10-27-21
Sample Type	Kale	Kale	Kale
Sr-89	< 0.012	< 0.012	< 0.013
Sr-90	< 0.011	< 0.008	< 0.010
I-131	< 0.012	< 0.038	< 0.039
K-40	4.99 ± 0.26	3.85 ± 0.34	5.42 ± 0.72
Nb-95	< 0.004	< 0.009	< 0.022
Zr-95	< 0.014	< 0.017	< 0.038
Cs-134	< 0.007	< 0.011	< 0.022
Cs-137	< 0.006	< 0.012	< 0.015
Ce-141	< 0.012	< 0.020	< 0.033
Ce-144	< 0.036	< 0.054	< 0.201

Location	T-37 (C)			
Lab Code	TVE- 2396	TVE- 2823	TVE- 3139	TVE- 3601
Date Collected	07-27-21	08-31-21	09-28-21	10-27-21
Sample Type	Cabbage	Cabbage	Cabbage	Cabbage
Sr-89	< 0.004	< 0.007	< 0.004	< 0.006
Sr-90	< 0.003	< 0.005	< 0.003	< 0.005
I-131	< 0.042	< 0.012	< 0.021	< 0.011
K-40	2.40 ± 0.27	1.72 ± 0.18	1.93 ± 0.19	2.10 ± 0.19
Nb-95	< 0.014	< 0.005	< 0.006	< 0.007
Zr-95	< 0.019	< 0.012	< 0.012	< 0.009
Cs-134	< 0.013	< 0.008	< 0.005	< 0.006
Cs-137	< 0.005	< 0.004	< 0.007	< 0.004
Ce-141	< 0.024	< 0.011	< 0.011	< 0.010
Ce-144	< 0.069	< 0.060	< 0.052	< 0.035

Table 17. Treated surface water samples, analyses for gross beta.
Collection: Monthly composites of weekly grab samples
Units: pCi/L

T-11 (C)		
Lab Code	Date Collected	Gross Beta
TSWT- 297	02-02-21	1.3 ± 0.6
TSWT- 516	03-02-21	< 0.8
TSWT- 831	03-30-21	1.7 ± 0.6
TSWT- 1309	04-27-21	1.3 ± 0.6
TSWT- 1644	06-01-21	< 0.9
TSWT- 2043	06-29-21	1.4 ± 0.6
TSWT- 2412	07-27-21	2.1 ± 0.6
TSWT- 2825	08-31-21	1.6 ± 0.6
TSWT- 3146	09-28-21	< 0.9
TSWT- 3630	10-26-21	0.9 ± 0.5
TSWT- 3974	11-30-21	1.8 ± 0.6
TSWT- 4221	12-28-21	1.3 ± 0.6

T-22		
Lab Code	Date Collected	Gross Beta
TSWT- 298	02-02-21	1.1 ± 0.5
TSWT- 517	03-02-21	1.5 ± 0.6
TSWT- 832	03-30-21	2.1 ± 0.6
TSWT- 1310	04-27-21	< 0.9
TSWT- 1645	06-01-21	1.5 ± 0.6
TSWT- 2044	06-29-21	1.0 ± 0.5
TSWT- 2413	07-27-21	< 0.9
TSWT- 2826	08-31-21	0.9 ± 0.5
TSWT- 3147	09-28-21	1.0 ± 0.5
TSWT- 3631	10-26-21	1.0 ± 0.5
TSWT- 3975	11-30-21	2.2 ± 0.6
TSWT- 4222	12-28-21	1.7 ± 0.6

T-143 (QC)		
Lab Code	Date Collected	Gross Beta
TSWT- 299	02-02-21	1.6 ± 0.6
TSWT- 518	03-02-21	1.0 ± 0.5
TSWT- 833	03-30-21	1.9 ± 0.6
TSWT- 1311	04-27-21	1.2 ± 0.6
TSWT- 1646	06-01-21	< 0.9
TSWT- 2045	06-29-21	1.3 ± 0.6
TSWT- 2414	07-27-21	< 0.9
TSWT- 2827	08-31-21	1.9 ± 0.6
TSWT- 3148	09-28-21	1.3 ± 0.6
TSWT- 3632	10-26-21	1.3 ± 0.5
TSWT- 3976	11-30-21	2.1 ± 0.6
TSWT- 4223	12-28-21	1.5 ± 0.6

Table 18. Treated surface water samples, analyses for tritium, strontium-89, strontium-90 and gamma-emitting isotopes.
Collection: Quarterly composites of weekly grab samples
Units: pCi/L

Location	T-11 (C)				
Period	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
Lab Code	TSWT- 883	TSWT- 2060	TSWT- 3154	TSWT- 4245	Req. LLD
H-3	< 330	< 330	< 330	< 330	330
Sr-89	< 0.6	< 0.5	< 0.5	< 0.7	
Sr-90	< 0.5	< 0.4	< 0.5	< 0.5	
Mn-54	< 2.5	< 2.9	< 1.8	< 3.0	15
Fe-59	< 5.4	< 4.7	< 5.3	< 6.5	30
Co-58	< 2.1	< 3.1	< 1.9	< 3.5	15
Co-60	< 3.5	< 2.5	< 2.2	< 2.8	15
Zn-65	< 5.0	< 3.2	< 3.4	< 4.7	30
Zr-Nb-95	< 3.5	< 2.6	< 2.2	< 3.2	15
Cs-134	< 4.2	< 3.4	< 2.2	< 3.7	10
Cs-137	< 4.2	< 2.2	< 2.4	< 2.6	18
Ba-La-140	< 6.5	< 3.7	< 2.9	< 4.6	15

Location	T-22				
Period	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
Lab Code	TSWT- 884	TSWT- 2061	TSWT- 3155	TSWT- 4247	Req. LLD
H-3	< 330	< 330	< 330	< 330	330
Sr-89	< 0.7	< 0.7	< 0.4	< 0.7	
Sr-90	< 0.5	< 0.6	< 0.4	< 0.6	
Mn-54	< 3.9	< 2.0	< 1.7	< 2.5	15
Fe-59	< 3.7	< 5.3	< 4.3	< 2.5	30
Co-58	< 3.0	< 2.0	< 2.2	< 2.4	15
Co-60	< 1.9	< 3.0	< 1.9	< 2.5	15
Zn-65	< 4.1	< 2.6	< 3.3	< 6.1	30
Zr-Nb-95	< 3.3	< 2.9	< 3.6	< 7.1	15
Cs-134	< 3.4	< 2.6	< 2.9	< 4.2	10
Cs-137	< 2.4	< 3.3	< 3.1	< 4.9	18
Ba-La-140	< 4.3	< 2.5	< 4.3	< 7.6	15

Table 19. Untreated surface water, analyses for gross beta, tritium and gamma emitting isotopes.
Location: T-3
Collection: Monthly composites of weekly grab samples
Units: pCi/L

Lab Code	TSWU- 300	TSWU- 519	TSWU- 834	TSWU- 1313	
Date Collected	02-02-21	03-02-21	03-30-21	04-27-21	Req. LLD
Gross beta	< 0.9	2.0 ± 0.6	1.5 ± 0.6	1.7 ± 0.6	4.0
H-3	< 330	< 330	< 330	< 330	330
Mn-54	< 3.3	< 2.8	< 2.7	< 4.0	15
Fe-59	< 5.2	< 2.8	< 5.4	< 7.0	30
Co-58	< 3.3	< 2.0	< 3.7	< 3.8	15
Co-60	< 3.2	< 1.9	< 2.2	< 3.0	15
Zn-65	< 3.3	< 4.2	< 2.4	< 3.0	30
Zr-Nb-95	< 2.9	< 3.1	< 2.4	< 2.8	15
Cs-134	< 3.0	< 2.7	< 3.5	< 3.5	10
Cs-137	< 2.4	< 2.7	< 3.6	< 1.9	18
Ba-La-140	< 11.4	< 4.4	< 6.4	< 8.9	15

Lab Code	TSWU- 1647	TSWU- 2046	TSWU- 2415	TSWU- 2828	
Date Collected	06-01-21	06-29-21	07-27-21	08-31-21	Req. LLD
Gross beta	1.8 ± 0.6	1.4 ± 0.6	1.7 ± 0.6	1.2 ± 0.6	4.0
H-3	391 ± 96	< 330	< 330	394 ± 99	330
Mn-54	< 4.1	< 2.0	< 2.5	< 1.5	15
Fe-59	< 7.8	< 7.1	< 5.8	< 4.5	30
Co-58	< 3.6	< 2.8	< 4.2	< 2.1	15
Co-60	< 2.7	< 1.3	< 2.4	< 2.2	15
Zn-65	< 6.3	< 5.0	< 4.9	< 3.2	30
Zr-Nb-95	< 2.8	< 3.2	< 4.9	< 3.2	15
Cs-134	< 4.1	< 2.9	< 3.8	< 1.8	10
Cs-137	< 4.2	< 2.9	< 2.5	< 2.0	18
Ba-La-140	< 4.7	< 3.8	< 6.6	< 5.5	15

Lab Code	TSWU- 3140	TSWU- 3633	TSWU- 3977	TSWU- 4224	
Date Collected	09-28-21	10-26-21	11-30-21	12-28-21	Req. LLD
Gross beta	1.7 ± 0.6	3.1 ± 0.7	2.1 ± 0.7	2.8 ± 0.7	4.0
H-3	< 330	< 330	466 ± 100	< 330	330
Mn-54	< 2.5	< 3.6	< 1.9	< 5.0	15
Fe-59	< 4.1	< 7.3	< 4.6	< 8.2	30
Co-58	< 1.5	< 2.6	< 3.2	< 4.1	15
Co-60	< 1.9	< 3.2	< 2.2	< 1.2	15
Zn-65	< 2.4	< 6.1	< 4.7	< 3.0	30
Zr-Nb-95	< 1.9	< 4.8	< 2.7	< 4.9	15
Cs-134	< 2.6	< 3.1	< 3.8	< 4.5	10
Cs-137	< 3.1	< 3.3	< 2.6	< 4.0	18
Ba-La-140	< 3.4	< 12.0	< 2.2	< 8.6	15

Table 19: Untreated surface water, analyses for gross beta, tritium and gamma emitting isotopes.
Location: T-11 (C)
Collection: Monthly composites of weekly grab samples
Units: pCi/L

Lab Code	TSWU- 301	TSWU- 521	TSWU- 835	TSWU- 1314	
Date Collected	02-02-21	03-02-21	03-30-21	04-27-21	Req. LLD
Gross beta	0.8 ± 0.5	1.4 ± 0.6	1.3 ± 0.5	1.3 ± 0.5	4.0
H-3	< 330	< 330	< 330	< 330	330
Mn-54	< 2.2	< 1.6	< 4.0	< 2.7	15
Fe-59	< 4.4	< 4.6	< 6.0	< 3.8	30
Co-58	< 3.7	< 2.4	< 4.4	< 3.1	15
Co-60	< 3.3	< 2.2	< 3.6	< 2.0	15
Zn-65	< 4.4	< 3.9	< 3.5	< 2.4	30
Zr-Nb-95	< 4.5	< 3.8	< 3.1	< 3.9	15
Cs-134	< 3.7	< 3.3	< 4.2	< 3.5	10
Cs-137	< 2.9	< 3.6	< 3.9	< 3.0	18
Ba-La-140	< 6.5	< 6.7	< 3.7	< 7.0	15

Lab Code	TSWU- 1648	TSWU- 2047	TSWU- 2416	TSWU- 2829	
Date Collected	06-01-21	06-29-21	07-27-21	08-31-21	Req. LLD
Gross beta	< 0.9	< 0.8	< 0.9	1.1 ± 0.5	4.0
H-3	< 330	< 330	< 330	341 ± 96	330
Mn-54	< 4.6	< 2.4	< 4.8	< 2.3	15
Fe-59	< 10.2	< 5.5	< 9.9	< 4.2	30
Co-58	< 5.0	< 2.5	< 5.2	< 2.3	15
Co-60	< 1.9	< 2.1	< 1.8	< 2.3	15
Zn-65	< 5.4	< 3.6	< 4.0	< 3.3	30
Zr-Nb-95	< 4.3	< 2.3	< 5.8	< 3.5	15
Cs-134	< 5.9	< 2.3	< 4.8	< 2.5	10
Cs-137	< 5.9	< 1.9	< 3.6	< 2.6	18
Ba-La-140	< 6.9	< 3.2	< 4.2	< 4.9	15

Lab Code	TSWU- 3141	TSWU- 3634	TSWU- 3978	TSWU- 4227	
Date Collected	09-28-21	10-26-21	11-30-21	12-28-21	Req. LLD
Gross beta	< 0.9	< 1.0	1.5 ± 0.6	1.4 ± 0.6	4.0
H-3	< 330	< 330	< 330	< 330	330
Mn-54	< 2.6	< 4.0	< 2.9	< 2.9	15
Fe-59	< 4.9	< 7.6	< 8.9	< 4.8	30
Co-58	< 1.5	< 5.4	< 4.3	< 2.1	15
Co-60	< 3.0	< 2.3	< 1.9	< 2.5	15
Zn-65	< 3.2	< 3.9	< 11.6	< 3.7	30
Zr-Nb-95	< 1.8	< 4.0	< 4.6	< 4.7	15
Cs-134	< 3.0	< 4.7	< 4.6	< 2.9	10
Cs-137	< 2.3	< 4.2	< 3.1	< 3.1	18
Ba-La-140	< 3.9	< 7.5	< 3.5	< 3.6	15

Table 19. Untreated surface water, analyses for gross beta, tritium and gamma emitting isotopes.
Location: T-22
Collection: Monthly composites of weekly grab samples
Units: pCi/L

Lab Code	TSWU- 302	TSWU- 523	TSWU- 837	TSWU- 1315	
Date Collected	02-02-21	03-02-21	03-30-21	04-27-21	Req. LLD
Gross beta	0.9 ± 0.5	1.2 ± 0.5	1.1 ± 0.5	1.7 ± 0.6	4.0
H-3	< 330	< 330	< 330	< 330	330
Mn-54	< 2.3	< 2.4	< 2.9	< 2.4	15
Fe-59	< 5.9	< 3.7	< 5.9	< 5.2	30
Co-58	< 3.1	< 2.1	< 1.7	< 2.2	15
Co-60	< 2.1	< 2.8	< 2.9	< 1.9	15
Zn-65	< 5.0	< 5.0	< 4.8	< 3.1	30
Zr-Nb-95	< 3.5	< 3.0	< 1.9	< 3.7	15
Cs-134	< 4.2	< 3.3	< 3.1	< 2.5	10
Cs-137	< 4.5	< 3.4	< 3.1	< 3.3	18
Ba-La-140	< 5.3	< 4.0	< 4.0	< 3.0	15

Lab Code	TSWU- 1649	TSWU- 2048	TSWU- 2417	TSWU- 2830	
Date Collected	06-01-21	06-29-21	07-27-21	08-31-21	Req. LLD
Gross beta	1.0 ± 0.6	< 0.9	1.2 ± 0.6	1.6 ± 0.6	4.0
H-3	< 330	< 330	< 330	677 ± 111	330
Mn-54	< 4.0	< 1.7	< 1.9	< 2.2	15
Fe-59	< 10.2	< 4.8	< 7.0	< 6.3	30
Co-58	< 3.9	< 2.4	< 2.0	< 1.8	15
Co-60	< 3.7	< 1.8	< 2.0	< 2.5	15
Zn-65	< 7.4	< 4.2	< 3.2	< 4.0	30
Zr-Nb-95	< 5.8	< 2.0	< 3.0	< 2.4	15
Cs-134	< 5.8	< 2.8	< 3.0	< 2.9	10
Cs-137	< 4.4	< 2.8	< 2.7	< 3.9	18
Ba-La-140	< 3.5	< 3.1	< 8.6	< 5.7	15

Lab Code	TSWU- 3142	TSWU- 3635	TSWU- 3979	TSWU- 4229	
Date Collected	09-28-21	10-26-21	11-30-21	12-28-21	Req. LLD
Gross beta	1.4 ± 0.5	1.8 ± 0.6	1.9 ± 0.6	2.3 ± 0.7	4.0
H-3	< 330	< 330	< 330	< 330	330
Mn-54	< 3.7	< 1.9	< 2.1	< 4.1	15
Fe-59	< 7.1	< 8.3	< 5.7	< 3.9	30
Co-58	< 2.9	< 2.6	< 1.7	< 1.8	15
Co-60	< 2.2	< 2.3	< 2.5	< 2.0	15
Zn-65	< 3.9	< 5.1	< 2.1	< 7.6	30
Zr-Nb-95	< 4.2	< 5.2	< 3.9	< 6.2	15
Cs-134	< 4.5	< 2.5	< 2.9	< 3.4	10
Cs-137	< 5.3	< 2.7	< 2.7	< 3.4	18
Ba-La-140	< 1.6	< 6.8	< 5.0	< 6.7	15

Table 19. Untreated surface water, analyses for gross beta, tritium and gamma emitting isotopes.
Location: T-145 (QC)
Collection: Monthly composites of weekly grab samples
Units: pCi/L

Lab Code	TSWU- 303	TSWU- 524	TSWU- 838	TSWU- 1316	
Date Collected	02-02-21	03-02-21	03-30-21	04-27-21	Req. LLD
Gross beta	1.0 ± 0.5	0.9 ± 0.5	< 0.9	1.5 ± 0.6	4.0
H-3	< 330	< 330	< 330	< 330	330
Mn-54	< 1.6	< 3.6	< 3.4	< 1.9	15
Fe-59	< 4.0	< 6.5	< 3.5	< 3.9	30
Co-58	< 2.3	< 3.4	< 2.9	< 1.7	15
Co-60	< 2.3	< 2.3	< 2.2	< 1.8	15
Zn-65	< 4.5	< 4.2	< 3.6	< 2.5	30
Zr-Nb-95	< 4.0	< 1.6	< 3.5	< 2.1	15
Cs-134	< 3.7	< 2.7	< 3.0	< 1.9	10
Cs-137	< 3.3	< 3.1	< 3.9	< 1.9	18
Ba-La-140	< 12.5	< 4.2	< 7.1	< 7.4	15

Lab Code	TSWU- 1650	TSWU- 2049	TSWU- 2418	TSWU- 2831	
Date Collected	06-01-21	06-29-21	07-27-21	08-31-21	Req. LLD
Gross beta	< 0.9	0.9 ± 0.5	1.1 ± 0.5	1.4 ± 0.5	4.0
H-3	< 330	< 330	< 330	726 ± 113	330
Mn-54	< 4.2	< 2.0	< 2.6	< 2.2	15
Fe-59	< 5.2	< 4.4	< 5.5	< 5.4	30
Co-58	< 5.0	< 2.5	< 2.7	< 1.7	15
Co-60	< 3.4	< 2.3	< 1.8	< 1.9	15
Zn-65	< 5.2	< 4.3	< 6.7	< 3.5	30
Zr-Nb-95	< 2.4	< 2.5	< 4.9	< 3.9	15
Cs-134	< 4.9	< 2.3	< 2.9	< 2.9	10
Cs-137	< 3.4	< 2.5	< 3.1	< 1.8	18
Ba-La-140	< 4.5	< 2.5	< 6.7	< 5.6	15

Lab Code	TSWU- 3143	TSWU- 3636	TSWU- 3980	TSWU- 4230	
Date Collected	09-28-21	10-26-21	11-30-21	12-28-21	Req. LLD
Gross beta	1.1 ± 0.5	2.3 ± 0.6	1.8 ± 0.6	2.5 ± 0.7	4.0
H-3	< 330	< 330	< 330	< 330	330
Mn-54	< 2.1	< 4.0	< 4.1	< 2.9	15
Fe-59	< 4.5	< 9.3	< 8.0	< 4.3	30
Co-58	< 1.8	< 3.5	< 3.2	< 1.9	15
Co-60	< 2.1	< 2.6	< 1.4	< 2.3	15
Zn-65	< 3.3	< 7.7	< 5.8	< 4.7	30
Zr-Nb-95	< 2.1	< 7.8	< 4.6	< 2.3	15
Cs-134	< 2.0	< 4.8	< 4.4	< 3.7	10
Cs-137	< 2.0	< 4.1	< 4.4	< 2.3	18
Ba-La-140	< 2.5	< 9.3	< 5.6	< 3.3	15

Table 20. Untreated surface water samples, analyses for strontium-89 and strontium-90.
Collection: Quarterly composites of weekly grab samples
Units: pCi/L

Location	T-3			
Period	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Lab Code	TSWU- 949	TSWU- 2141	TSWU- 3211	TSWU- 4292
Sr-89	< 0.5	< 0.5	< 0.5	< 0.6
Sr-90	< 0.4	< 0.4	< 0.5	< 0.5

Location	T-11 (C)			
Period	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Lab Code	TSWU- 950	TSWU- 2142	TSWU- 3212	TSWU- 4293
Sr-89	< 0.6	< 0.5	< 0.6	< 0.6
Sr-90	< 0.5	< 0.4	< 0.5	< 0.5

Location	T-22			
Period	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Lab Code	TSWU- 951	TSWU- 2143	TSWU- 3213	TSWU- 4294
Sr-89	< 0.5	< 0.6	< 0.5	< 0.7
Sr-90	< 0.5	< 0.5	< 0.5	< 0.6

Table 21. Fish samples, analyses for gross beta and gamma-emitting isotopes.
Collection: Annually
Units: pCi/g wet

Location	T-33 (Lake Erie, 1.5 mi. NE of Station)	
Lab Code	TF- 2033	TF- 2034
Date Collected	06-23-21	06-23-21
Sample Type	Walleye	Whitefish
Gross Beta	4.18 ± 0.21	3.17 ± 0.11
K-40	3.69 ± 0.43	2.36 ± 0.46
Mn-54	< 0.013	< 0.023
Fe-59	< 0.043	< 0.065
Co-58	< 0.021	< 0.022
Co-60	< 0.014	< 0.017
Zn-65	< 0.030	< 0.044
Cs-134	< 0.019	< 0.023
Cs-137	< 0.020	< 0.024

Location	T-35	
Lab Code	TF- 2036	TF- 2037
Date Collected	06-23-21	06-23-21
Sample Type	Walleye	Whitefish
Gross Beta	4.51 ± 0.24	5.09 ± 0.25
K-40	3.30 ± 0.48	3.07 ± 0.50
Mn-54	< 0.018	< 0.023
Fe-59	< 0.048	< 0.053
Co-58	< 0.023	< 0.019
Co-60	< 0.014	< 0.020
Zn-65	< 0.031	< 0.036
Cs-134	< 0.022	< 0.022
Cs-137	< 0.020	< 0.018

Table 22. Shoreline sediment samples, analyses for gamma-emitting isotopes.
Collection: Semiannually
Units: pCi/g dry

Location	T-3	T-11
Lab Code	TSS- 1317	TSS- 1318
Date Collected	04-13-21	04-13-21
K-40	8.69 ± 0.50	14.84 ± 0.68
Mn-54	< 0.025	< 0.026
Co-58	< 0.020	< 0.027
Co-60	< 0.022	< 0.013
Cs-134	< 0.013	< 0.020
Cs-137	< 0.013	< 0.019
Lab Code	TSS- 3605	TSS- 3606
Date Collected	10-05-21	10-05-21
K-40	9.02 ± 0.55	12.25 ± 0.65
Mn-54	< 0.022	< 0.016
Co-58	< 0.023	< 0.036
Co-60	< 0.015	< 0.021
Cs-134	< 0.020	< 0.021
Cs-137	< 0.023	< 0.019

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APPENDIX A

INTERLABORATORY AND INTRALABORATORY COMPARISON PROGRAM RESULTS

NOTE: Appendix A is updated four times a year. The complete appendix is included in March, June, September and December monthly progress reports only.

January, 2021 through December, 2021

Appendix A

Interlaboratory/ Intralaboratory Comparison Program Results

Environmental, Inc., Midwest Laboratory has participated in interlaboratory comparison (crosscheck) programs since the formulation of its quality control program in December 1971. These programs are operated by agencies which supply environmental type samples containing concentrations of radionuclides known to the issuing agency but not to participant laboratories. The purpose of such a program is to provide an independent check on a laboratory's analytical procedures and to alert it of any possible problems.

Participant laboratories measure the concentration of specified radionuclides and report them to the issuing agency. Several months later, the agency reports the known values to the participant laboratories and specifies control limits. Results consistently higher or lower than the known values or outside the control limits indicate a need to check the instruments or procedures used.

Results in Table A-1 were obtained through participation in the RAD PT Study Proficiency Testing Program administered by Environmental Resource Associates, serving as a replacement for studies conducted previously by the U.S. EPA Environmental Monitoring Systems Laboratory, Las Vegas, Nevada.

Table A-2 lists results for thermoluminescent dosimeters (TLDs), via irradiation and evaluation by the University of Wisconsin-Madison Radiation Calibration Laboratory at the University of Wisconsin Medical Radiation Research Center.

Table A-3 lists results of the analyses on intralaboratory "spiked" samples for the past twelve months. All samples are prepared using NIST traceable sources. Data for previous years available upon request.

Table A-4 lists results of the analyses on intralaboratory "blank" samples for the past twelve months. Data for previous years available upon request.

Table A-5 lists analytical results from the intralaboratory "duplicate" program for the past twelve months. Acceptance is based on each result being within 25% of the mean of the two results or the two sigma uncertainties of each result overlap.

The results in Table A-6 were obtained through participation in the Mixed Analyte Performance Evaluation Program.

Results in Table A-7 were obtained through participation in the MRAD PT Study Proficiency Testing Program administered by Environmental Resource Associates, serving as a replacement for studies conducted previously by the Environmental Measurement Laboratory Quality Assessment Program (EML).

Attachment A lists the laboratory acceptance criteria for various analyses.

Out-of-limit results are explained directly below the result.

Attachment A

ACCEPTANCE CRITERIA FOR INTRALABORATORY “SPIKED” SAMPLES

Analysis	Ratio of lab result to known value.
Gamma Emitters	0.8 to 1.2
Strontium-89, Strontium-90	0.8 to 1.2
Potassium-40	0.8 to 1.2
Gross alpha	0.5 to 1.5
Gross beta	0.8 to 1.2
Tritium	0.8 to 1.2
Radium-226, Radium-228	0.7 to 1.3
Plutonium	0.8 to 1.2
Iodine-129, Iodine-131	0.8 to 1.2
Nickel-63, Technetium-99, Uranium-238	0.7 to 1.3
Iron-55	0.8 to 1.2
Other Analyses	0.8 to 1.2

TABLE A-1. Interlaboratory Comparison Crosscheck program, Environmental Resource Associates (ERA)[a].
RAD study

Lab Code	Date	Analysis	Concentration (pCi/L) Laboratory Result	ERA Result	Control Limits	Acceptance
RAD-124 Study						
ERW-94	1/11/2021	Ba-133	24.1 ± 3.5	23.8	18.4 - 27.4	Pass
ERW-94	1/11/2021	Cs-134	46.1 ± 3.1	42.8	34.2 - 47.1	Pass
ERW-94	1/11/2021	Cs-137	154 ± 6.0	148	133 - 165	Pass
ERW-94	1/11/2021	Co-60	39.4 ± 3.2	34.6	30.8 - 40.8	Pass
ERW-94	1/11/2021	Zn-65	66.2 ± 6.3	61.6	54.6 - 75.0	Pass
ERDW-96	1/11/2021	Gr. Alpha	58.4 ± 2.6	63.3	33.2 - 78.5	Pass
ERDW-96	1/11/2021	Gr. Beta	38.1 ± 1.3	39.8	26.4 - 47.3	Pass
ERDW-98	1/11/2021	Ra-226	16.3 ± 0.5	15.5	11.5 - 17.8	Pass
ERDW-98	1/11/2021	Ra-228	12.3 ± 1.2	12.9	8.54 - 15.8	Pass
ERDW-98	1/11/2021	Uranium	33.2 ± 1.8	30.1	24.4 - 33.4	Pass
ERW-100	1/11/2021	H-3	2,100 ± 160	2,120	1,750 - 2,350	Pass
RAD-126 Study						
ERDW-2194	7/12/2021	Ba-133	44.1 ± 4.0	45.5	37.2 - 50.6	Pass
ERDW-2194	7/12/2021	Cs-134	85.2 ± 3.9	87.5	71.8 - 96.2	Pass
ERDW-2194	7/12/2021	Cs-137	218 ± 8	208	187 - 230	Pass
ERDW-2194	7/12/2021	Co-60	91.7 ± 4.0	87.1	78.4 - 98.1	Pass
ERDW-2194	7/12/2021	Zn-65	114 ± 9	102	91.8 - 122.0	Pass
ERDW-2196	7/12/2021	Gr. Alpha	61.5 ± 2.9	49.1	25.6 - 61.7	Pass
ERDW-2196	7/12/2021	Gr. Beta	31.7 ± 1.3	31.5	20.3 - 39.2	Pass
ERDW-2200	7/12/2021	Ra-226	16.5 ± 0.5	13.4	10.0 - 15.4	Fail[b]
ERDW-2200	7/12/2021	Ra-228	8.7 ± 1.0	7.6	4.81 - 9.7	Pass
ERDW-2200	7/12/2021	Uranium	71.7 ± 2.3	62.3	50.9 - 68.5	Fail[c]
ERDW-2202	7/12/2021	H-3	11,300 ± 300	10,400	9,050 - 11,400	Pass
ERDW-2198	7/12/2021	I-131	22.3 ± 1.1	20.8	17.2 - 25.0	Pass

[a] Results obtained by Environmental, Inc., Midwest Laboratory as a participant in the crosscheck program for proficiency testing in drinking water conducted by Environmental Resource Associates (ERA).

[b] The radium-226 result did not meet ERA acceptance criteria.

[c] The uranium result did not meet ERA acceptance criteria.

TABLE A-2. Thermoluminescent Dosimetry, (TLD, $CaSO_4$: Dy Cards).[a]

			mrem			
Lab Code	Irradiation Date	Description	Delivered Dose	Reported[b] Dose	Performance[c] Quotient (P)	
Environmental, Inc.		Group 1				
2021-1	11/8/2021	Spike 1	167.0	171.4	0.03	
2021-1	11/8/2021	Spike 2	167.0	159.4	-0.05	
2021-1	11/8/2021	Spike 3	167.0	160.8	-0.04	
2021-1	11/8/2021	Spike 4	167.0	164.5	-0.01	
2021-1	11/8/2021	Spike 5	167.0	156.7	-0.06	
2021-1	11/8/2021	Spike 6	167.0	152.3	-0.09	
2021-1	11/8/2021	Spike 7	167.0	158.7	-0.05	
2021-1	11/8/2021	Spike 8	167.0	161.6	-0.03	
2021-1	11/8/2021	Spike 9	167.0	152.4	-0.09	
2021-1	11/8/2021	Spike 10	167.0	155.7	-0.07	
2021-1	11/8/2021	Spike 11	167.0	158.8	-0.05	
2021-1	11/8/2021	Spike 12	167.0	163.1	-0.02	
2021-1	11/8/2021	Spike 13	167.0	162.2	-0.03	
2021-1	11/8/2021	Spike 14	167.0	158.8	-0.05	
2021-1	11/8/2021	Spike 15	167.0	173.5	0.04	
2021-1	11/8/2021	Spike 16	167.0	158.7	-0.05	
2021-1	11/8/2021	Spike 17	167.0	162.9	-0.02	
2021-1	11/8/2021	Spike 18	167.0	159.3	-0.05	
2021-1	11/8/2021	Spike 19	167.0	158.2	-0.05	
2021-1	11/8/2021	Spike 20	167.0	161.7	-0.03	
Mean (Spike 1-20)				160.5	-0.04	Pass[d]
Standard Deviation (Spike 1-20)				5.2	0.03	Pass[d]

a TLD's were irradiated by the University of Wisconsin-Madison Radiation Calibration Laboratory following ANSI N13.37 protocol from a known air kerma rate. TLD's were read and the results were submitted by Environmental Inc. to the University of Wisconsin-Madison Radiation Calibration Laboratory for comparison to the delivered dose.

b Reported dose was converted from exposure (R) to Air Kerma (cGy) using a conversion of 0.876. Conversion from air kerma to ambient dose equivalent for Cs-137 at the reference dose point $H^*(10)K_a = 1.20$. mrem/cGy = 1000.

c Performance Quotient (P) is calculated as ((reported dose - conventionally true value) ÷ conventionally true value) where the conventionally true value is the delivered dose.

d Acceptance is achieved when neither the absolute value of the mean of the P values, nor the standard deviation of the P values exceed 0.15.

TABLE A-2. Thermoluminescent Dosimetry, (TLD, $CaSO_4$: Dy Cards).[a]

			mrem			
Lab Code	Irradiation Date	Description	Delivered Dose	Reported[b] Dose	Performance[c] Quotient (P)	
Environmental, Inc.		Group 2				
2021-2	11/8/2021	Spike 21	102.0	98.3	-0.04	
2021-2	11/8/2021	Spike 22	102.0	88.4	-0.13	
2021-2	11/8/2021	Spike 23	102.0	96.7	-0.05	
2021-2	11/8/2021	Spike 24	102.0	101.4	-0.01	
2021-2	11/8/2021	Spike 25	102.0	98.5	-0.03	
2021-2	11/8/2021	Spike 26	102.0	96.3	-0.06	
2021-2	11/8/2021	Spike 27	102.0	95.8	-0.06	
2021-2	11/8/2021	Spike 28	102.0	94.3	-0.08	
2021-2	11/8/2021	Spike 29	102.0	93.5	-0.08	
2021-2	11/8/2021	Spike 30	102.0	95.7	-0.06	
2021-2	11/8/2021	Spike 31	102.0	101.7	0.00	
2021-2	11/8/2021	Spike 32	102.0	98.5	-0.03	
2021-2	11/8/2021	Spike 33	102.0	96.7	-0.05	
2021-2	11/8/2021	Spike 34	102.0	87.2	-0.15	
2021-2	11/8/2021	Spike 35	102.0	89.7	-0.12	
2021-2	11/8/2021	Spike 36	102.0	88.5	-0.13	
2021-2	11/8/2021	Spike 37	102.0	85.4	-0.16	
2021-2	11/8/2021	Spike 38	102.0	90.0	-0.12	
2021-2	11/8/2021	Spike 39	102.0	90.9	-0.11	
2021-2	11/8/2021	Spike 40	102.0	92.6	-0.09	
Mean (Spike 21-40)				94.0	-0.08	Pass[d]
Standard Deviation (Spike 21-40)				4.7	0.05	Pass[d]

a TLD's were irradiated by the University of Wisconsin-Madison Radiation Calibration Laboratory following ANSI N13.37 protocol from a known air kerma rate. TLD's were read and the results were submitted by Environmental Inc. to the University of Wisconsin-Madison Radiation Calibration Laboratory for comparison to the delivered dose.

b Reported dose was converted from exposure (R) to Air Kerma (cGy) using a conversion of 0.876. Conversion from air kerma to ambient dose equivalent for Cs-137 at the reference dose point $H^*(10)K_a = 1.20$. mrem/cGy = 1000.

c Performance Quotient (P) is calculated as ((reported dose - conventionally true value) ÷ conventionally true value) where the conventionally true value is the delivered dose.

d Acceptance is achieved when neither the absolute value of the mean of the P values, nor the standard deviation of the P values exceed 0.15.

TABLE A-4. Intralaboratory "Spiked" Samples

Lab Code[b]	Date	Analysis	Concentration[a] Laboratory results 2s, n=1[c]	Known Activity	Control Limits[d]	Acceptance	Ratio Lab/Known
SPW-55	1/8/2021	H-3	1,889 ± 150	2,110	1,688 - 2,532	Pass	0.90
SPDW-62	1/11/2021	Gr. Alpha	34.3 ± 1.7	64.9	34.0 - 80.4	Pass	0.53
SPDW-62	1/11/2021	Gr. Beta	9.2 ± 0.8	8.9	3.6 - 17.4	Pass	1.04
SPW-131	1/19/2021	Sr-90	18.0 ± 1.1	17.9	14.3 - 21.5	Pass	1.00
SPW-133	1/19/2021	H-3	1,842 ± 150	2,110	1,688 - 2,532	Pass	0.87
SPW-188	1/18/2021	Ra-228	14.2 ± 1.7	14.9	10.4 - 19.3	Pass	0.96
SPW-236	1/26/2021	Ra-228	12.2 ± 1.9	15.3	10.7 - 19.9	Pass	0.80
SPW-305	2/5/2021	H-3	1,785 ± 147	2,110	1,688 - 2,532	Pass	0.85
SPW-372	2/12/2021	H-3	1,742 ± 145	2,110	1,688 - 2,532	Pass	0.83
SPW-526	3/5/2021	H-3	1,899 ± 150	2,110	1,688 - 2,532	Pass	0.90
SPW-692	3/19/2021	H-3	1,953 ± 151	2,110	1,688 - 2,532	Pass	0.93
SPW-694	1/4/2021	Ra-226	9.7 ± 0.4	12.3	8.6 - 16.0	Pass	0.79
SPW-800	3/30/2021	Ra-228	15.8 ± 2.0	15.3	10.7 - 19.9	Pass	1.03
SPW-802	3/31/2021	H-3	1,878 ± 150	2,110	1,688 - 2,532	Pass	0.89
SPW-810	3/19/2021	Ra-226	11.4 ± 0.3	12.3	8.6 - 16.0	Pass	0.93
SPDW-30103	3/31/2021	Ra-226	13.5 ± 0.4	12.3	8.6 - 16.0	Pass	1.10
SPW-812	4/1/2021	H-3	2,005 ± 155	2,110	1,688 - 2,532	Pass	0.95
SPW-919	4/7/2021	H-3	1,877 ± 149	2,110	1,688 - 2,532	Pass	0.89
SPW-944	4/9/2021	Gr. Alpha	56.7 ± 2.5	58.4	29.2 - 87.6	Pass	0.97
SPW-944	4/9/2021	Gr. Beta	35.1 ± 1.3	38.1	30.5 - 45.7	Pass	0.92
SPW-1048	4/15/2021	H-3	1,915 ± 152	2,110	1,688 - 2,532	Pass	0.91
SPW-1250	4/30/2021	H-3	2,015 ± 154	2,110	1,688 - 2,532	Pass	0.95
SPW-1373	5/11/2021	Gr. Alpha	63.5 ± 2.9	58.4	29.2 - 87.6	Pass	1.09
SPW-1373	5/11/2021	Gr. Beta	38.5 ± 1.3	38.1	30.5 - 45.7	Pass	1.01
SPW-1377	5/11/2021	Sr-90	17.4 ± 1.2	17.9	14.3 - 21.5	Pass	0.97
SPDW-30108	5/28/2021	H-3	2,222 ± 161	2,110	1,688 - 2,532	Pass	1.05
SPDW-30125	5/13/2021	Ra-226	10.9 ± 0.3	12.3	8.6 - 16.0	Pass	0.89
SPDW-30118	6/4/2021	H-3	2,230 ± 163	2,110	1,688 - 2,532	Pass	1.06
SPMI-1672	6/8/2021	Sr-90	14.2 ± 0.9	13.6	10.9 - 16.3	Pass	1.04
SPDW-30160	6/11/2021	Ra-226	11.4 ± 0.3	12.3	8.6 - 16.0	Pass	0.93
SPDW-30129	6/15/2021	H-3	2,238 ± 162	2,110	1,688 - 2,532	Pass	1.06
SPDW-30134	6/18/2021	Gr. Alpha	17.9 ± 1.4	23.5	11.8 - 35.3	Pass	0.76
SPDW-30134	6/18/2021	Gr. Beta	60.9 ± 1.6	67.6	54.1 - 81.1	Pass	0.90
SPDW-30148	6/25/2021	Ra-228	15.1 ± 2.9	15.3	10.7 - 19.9	Pass	0.98
SPDW-30206	7/8/2021	Ra-226	12.7 ± 0.4	12.3	8.6 - 16.0	Pass	1.03
SPDW-3001	7/29/2021	Ra-226	11.6 ± 0.3	12.3	8.6 - 16.0	Pass	0.95

[a] Liquid sample results are reported in pCi/Liter, air filters (pCi/m3), charcoal (pCi/charcoal canister), and solid samples (pCi/kg).
[b] Laboratory codes : W & SPW (Water), MI (milk), AP (air filter), SO (soil), VE (vegetation), CH (charcoal canister), F (fish), U (urine).
[c] Results are based on single determinations.
[d] Acceptance criteria are listed in Attachment A of this report.

TABLE A-4. Intralaboratory "Spiked" Samples

Lab Code[b]	Date	Concentration[a] Analysis	Laboratory results 2s, n=1[c]	Known Activity	Control Limits[d]	Acceptance	Ratio Lab/Known
SPDW-30224	8/2/2021	Gr. Alpha	38.6 ± 2.1	49.1	24.6 - 73.7	Pass	0.79
SPDW-30224	8/2/2021	Gr. Beta	27.8 ± 1.2	31.5	25.2 - 37.8	Pass	0.88
SPDW-30226	8/13/2021	H-3	2,074 ± 157	2,110	1,688 - 2,532	Pass	0.98
SPDW-30231	8/18/2021	Ra-228	14.5 ± 2.2	15.3	10.7 - 19.9	Pass	0.95
SPW-2783	9/3/2021	Sr-90	18.9 ± 1.2	17.1	13.7 - 20.5	Pass	1.10
SPDW-2785	9/3/2021	H-3	2,135 ± 158	2,110	1,688 - 2,532	Pass	1.01
SPDW-2891	9/10/2021	H-3	2,159 ± 160	2,110	1,688 - 2,532	Pass	1.02
SPDW-3115	9/17/2021	Ra-226	11.3 ± 0.3	12.3	8.6 - 16.0	Pass	0.92
SPDW-3036	9/23/2021	Ra-228	18.0 ± 2.6	15.3	10.7 - 19.9	Pass	1.17
SPDW-3223	9/28/2021	Ra-228	16.6 ± 2.5	15.3	10.7 - 19.9	Pass	1.08
SPDW-3288	9/29/2021	U-234	29.2 ± 1.6	23.0	16.1 - 29.9	Pass	1.27
SPDW-3288	9/29/2021	U-238	28.2 ± 1.6	23.2	16.3 - 30.2	Pass	1.21
SPDW-30276	9/29/2021	Ra-226	9.4 ± 0.4	12.3	8.6 - 16.0	Pass	0.76
SPDW-3157	10/1/2021	H-3	2,111 ± 158	2,110	1,688 - 2,532	Pass	1.00
SPDW-3290	10/12/2021	Gr. Alpha	34.6 ± 2.1	49.1	24.6 - 73.7	Pass	0.70
SPDW-3290	10/12/2021	Gr. Beta	25.1 ± 1.1	31.5	25.2 - 37.8	Pass	0.80
SPDW-3393	10/15/2021	H-3	2,184 ± 161	2,110	1,688 - 2,532	Pass	1.04
SPDW-3604	10/28/2021	H-3	2,104 ± 15	2,110	1,688 - 2,532	Pass	1.00
SPDW-30283	11/4/2021	Ra-226	11.7 ± 0.3	12.3	8.6 - 16.0	Pass	0.95
SPDW-3769	11/10/2021	H-3	2,026 ± 156	2,110	1,688 - 2,532	Pass	0.96
SPDW-3860	11/18/2021	H-3	2,161 ± 161	2,110	1,688 - 2,532	Pass	1.02
SPDW-30290	11/22/2021	Ra-226	12.0 ± 0.3	12.3	8.6 - 16.0	Pass	0.97
SPDW-3958	12/3/2021	H-3	2,126 ± 160	2,110	1,688 - 2,532	Pass	1.01
SPW-3971	12/7/2021	Sr-90	19.0 ± 1.2	17.1	13.7 - 20.5	Pass	1.11
SPDW-30287	12/9/2021	Ra-228	12.3 ± 1.7	15.3	10.7 - 19.9	Pass	0.80
SPDW-30295	12/16/2021	H-3	2,265 ± 163	2,110	1,688 - 2,532	Pass	1.07
SPDW-30301	12/30/2021	H-3	2,055 ± 163	2,110	1,688 - 2,532	Pass	0.97
SPDW-30307	12/13/2021	Ra-226	11.7 ± 0.4	12.3	8.6 - 16.0	Pass	0.95

[a] Liquid sample results are reported in pCi/Liter, air filters (pCi/m3), charcoal (pCi/charcoal canister), and solid samples (pCi/kg).
[b] Laboratory codes : W & SPW (Water), MI (milk), AP (air filter), SO (soil), VE (vegetation), CH (charcoal canister), F (fish), U (urine).
[c] Results are based on single determinations.
[d] Acceptance criteria are listed in Attachment A of this report.

TABLE A-5. Intralaboratory "Blank" Samples

Lab Code[b]	Sample Type	Date	Analysis[c]	Concentration[a] Laboratory results (4.66σ) LLD	Activity[d]	Acceptance Criteria (4.66 σ)
SPW-54	Water	1/8/2021	H-3	153	24 ± 77	200
SPDW-61	Water	1/11/2021	Gr. Alpha	0.56	-0.32 ± 0.37	2
SPDW-61	Water	1/11/2021	Gr. Beta	0.73	-0.11 ± 0.49	4
SPW-130	Water	1/19/2021	Sr-89	0.66	-0.12 ± 0.49	5
SPW-130	Water	1/19/2021	Sr-90	0.68	-0.02 ± 0.31	1
SPW-132	Water	1/19/2021	H-3	165	38 ± 79	200
SPW-4923	Water	1/26/2021	I-131	0.28	0.26 ± 0.16	1
SPW-187	Water	1/18/2021	Ra-228	1.44	0.81 ± 0.76	2
SPW-235	Water	1/26/2021	Ra-228	1.54	0.94 ± 0.82	2
SPW-254	Water	2/2/2021	I-131	0.29	-0.06 ± 0.13	1
SPW-304	Water	2/5/2021	H-3	159	6 ± 74	200
SPW-371	Water	2/12/2021	H-3	154	-37 ± 70	200
SPW-525	Water	3/5/2021	H-3	160	97 ± 80	200
SPW-691	Water	3/19/2021	H-3	158	-38 ± 71	200
SPW-693	Water	1/4/2021	Ra-226	0.03	-0.01 ± 0.01	2
SPW-799	Water	3/30/2021	Ra-228	1.03	0.06 ± 0.48	2
SPW-809	Water	3/19/2021	Ra-226	0.04	0.01 ± 0.03	2
SPDW-30102	Water	3/31/2021	Ra-226	0.03	0.00 ± 0.03	2
SPW-811	Water	4/1/2021	H-3	158	-29 ± 77	200
SPW-918	Water	4/7/2021	H-3	156	93 ± 79	200
SPW-943	Water	4/9/2021	Gr. Alpha	0.39	-0.08 ± 0.27	2
SPW-943	Water	4/9/2021	Gr. Beta	0.73	0.04 ± 0.51	4
SPW-1047	Water	4/15/2021	H-3	160	-51 ± 74	200
SPW-1249	Water	4/30/2021	H-3	158	109 ± 81	200
SPW-1372	Water	5/11/2021	Gr. Alpha	0.35	0.27 ± 0.27	2
SPW-1372	Water	5/11/2021	Gr. Beta	0.68	0.27 ± 0.49	4
SPW-1376	Water	5/11/2021	Sr-89	0.52	0.23 ± 0.39	5
SPW-1376	Water	5/11/2021	Sr-90	0.51	-0.06 ± 0.23	1
SPDW-30124	Water	5/13/2021	Ra-226	0.03	-0.02 ± 0.03	2
SPDW-30104	Water	5/26/2021	Ra-228	1.30	-0.04 ± 0.60	2
SPDW-30107	Water	5/28/2021	H-3	157	33 ± 76	200
SPDW-30117	Water	6/4/2021	H-3	165	67 ± 81	200
SPMI-1671	Milk	6/8/2021	Sr-89	0.46	0.23 ± 0.42	5
SPMI-1671	Milk	6/8/2021	Sr-90	0.45	0.23 ± 0.24	1
SPDW-30159	Water	6/11/2021	Ra-226	0.04	-0.02 ± 0.04	2
SPDW-30128	Water	6/15/2021	H-3	161	17 ± 76	200
SPDW-30133	Water	6/17/2021	I-131	0.20	0.06 ± 0.12	1
SPDW-30134	Water	6/18/2021	Gr. Alpha	0.46	-0.11 ± 0.32	2
SPDW-30134	Water	6/18/2021	Gr. Beta	0.70	-0.10 ± 0.49	4
SPDW-30147	Water	6/25/2021	Ra-228	1.76	-0.15 ± 0.80	2

[a] Liquid sample results are reported in pCi/Liter, air filters (pCi/m^3), charcoal (pCi/charcoal canister), and solid samples (pCi/g).

[b] Laboratory codes : W & SPW (Water), MI (milk), AP (air filter), SO (soil), VE (vegetation), CH (charcoal canister), F (fish), U (urine).

[c] I-131(G); iodine-131 as analyzed by gamma spectroscopy.

[d] Activity reported is a net activity result.

TABLE A-5. Intralaboratory "Blank" Samples

Lab Code[b]	Sample Type	Date	Analysis[c]	Concentration[a] Laboratory results (4.66σ) LLD	Activity[d]	Acceptance Criteria (4.66 σ)
SPDW-30205	Water	7/8/2021	Ra-226	0.03	0.02 ± 0.03	2
SPDW-3000	Water	7/29/2021	Ra-226	0.03	0.03 ± 0.03	2
SPDW-30223	Water	8/2/2021	Gr. Alpha	0.46	-0.13 ± 0.31	2
SPDW-30223	Water	8/2/2021	Gr. Beta	0.70	0.16 ± 0.49	4
SPDW-30225	Water	8/13/2021	H-3	161	-2 ± 75	200
SPDW-30230	Water	8/18/2021	Ra-228	1.02	0.47 ± 0.53	2
SPW-2782	Water	9/3/2021	Sr-89	0.60	-0.16 ± 0.48	5
SPW-2782	Water	9/3/2021	Sr-90	0.63	0.20 ± 0.32	1
SPDW-2784	Water	9/3/2021	H-3	157	-50 ± 69	200
SPDW-2890	Water	9/10/2021	H-3	163	-59 ± 72	200
SPDW-2981	Water	9/17/2021	H-3	162	11 ± 78	200
SPDW-3114	Water	9/17/2021	Ra-226	0.03	0.04 ± 0.03	2
SPDW-3035	Water	9/23/2021	Ra-228	1.15	0.10 ± 0.55	2
SPDW-3222	Water	9/28/2021	Ra-228	1.37	-0.30 ± 0.60	2
SPDW-3287	Water	9/29/2021	U-234	0.22	0.19 ± 0.23	1
SPDW-3287	Water	9/29/2021	U-238	0.38	-0.05 ± 0.21	1
SPDW-30275	Water	9/29/2021	Ra-226	0.05	0.03 ± 0.04	2
SPDW-3156	Water	10/1/2021	H-3	161	-11 ± 75	200
SPDW-3289	Water	10/12/2021	Gr. Alpha	0.40	0.21 ± 0.30	2
SPDW-3289	Water	10/12/2021	Gr. Beta	0.72	0.31 ± 0.52	4
SPDW-3392	Water	10/15/2021	H-3	158	58 ± 79	200
SPDW-3603	Water	10/28/2021	H-3	163	26 ± 77	200
SPDW-30282	Water	11/4/2021	Ra-226	0.04	0.04 ± 0.03	2
SPDW-3768	Water	11/10/2021	H-3	162	31 ± 77	200
SPDW-3859	Water	11/18/2021	H-3	162	45 ± 78	200
SPDW-30289	Water	11/22/2021	Ra-226	0.03	0.19 ± 0.03	2
SPDW-3957	Water	12/3/2021	H-3	161	118 ± 84	200
SPW-3970	Water	12/7/2021	Sr-89	0.54	-0.12 ± 0.43	5
SPW-3970	Water	12/7/2021	Sr-90	0.54	0.08 ± 0.26	1
SPDW-30286	Water	12/9/2021	Ra-228	0.91	-0.26 ± 0.39	2
SPDW-30288	Water	12/10/2021	I-131	0.22	0.00 ± 0.12	1
SPDW-30306	Water	12/13/2021	Ra-226	0.05	-0.05 ± 0.04	2
SPDW-30294	Water	12/16/2021	H-3	162	-33 ± 73	200
SPDW-30300	Water	12/30/2021	H-3	166	68 ± 91	200

[a] Liquid sample results are reported in pCi/Liter, air filters (pCi/m^3), charcoal (pCi/charcoal canister), and solid samples (pCi/g).

[b] Laboratory codes : W & SPW (Water), MI (milk), AP (air filter), SO (soil), VE (vegetation), CH (charcoal canister), F (fish), U (urine).

[c] I-131(G); iodine-131 as analyzed by gamma spectroscopy.

[d] Activity reported is a net activity result.

TABLE A-6. Intralaboratory "Duplicate" Samples

			Concentration[a]			
Lab Code[b]	Date	Analysis	First Result	Second Result	Averaged Result	Acceptance
S-20,21	1/5/2021	K-40	23.3 ± 0.6	22.6 ± 1.6	23.0 ± 0.9	Pass
XW-295,296	1/13/2021	H-3	245 ± 87	288 ± 89	267 ± 62	Pass
S-143,144	1/14/2021	K-40	7.47 ± 0.76	8.38 ± 0.22	7.93 ± 0.40	Pass
S-360,361	2/10/2021	K-40	9.23 ± 0.54	9.00 ± 0.68	9.12 ± 0.43	Pass
S-406,407	2/15/2021	K-40	2.92 ± 0.28	2.94 ± 0.94	2.93 ± 0.49	Pass
W-469,470	2/22/2021	Ra-226	0.75 ± 0.21	0.87 ± 0.22	0.81 ± 0.15	Pass
W-448,449	2/25/2021	Gr. Alpha	3.52 ± 1.84	3.72 ± 1.87	3.62 ± 1.31	Pass
W-448,449	2/25/2021	Gr. Beta	8.71 ± 1.36	8.91 ± 1.40	8.81 ± 0.98	Pass
W-448,449	2/25/2021	Ra-226	1.87 ± 0.25	1.82 ± 0.28	1.85 ± 0.19	Pass
W-448,449	2/25/2021	Ra-228	2.65 ± 1.26	2.53 ± 1.35	2.59 ± 0.92	Pass
P-511,512	3/2/2021	H-3	198 ± 85	202 ± 86	200 ± 60	Pass
WW-630,631	3/10/2021	H-3	144 ± 82	148 ± 82	146 ± 58	Pass
WW-743,744	3/16/2021	H-3	183 ± 85	167 ± 84	175 ± 60	Pass
S-785,786	3/25/2021	Pb-214	0.59 ± 0.08	0.34 ± 0.05	0.47 ± 0.05	Pass
S-785,786	3/25/2021	Ac-228	0.61 ± 0.12	0.58 ± 0.13	0.60 ± 0.09	Pass
AP-1052,1053	3/30/2021	Be-7	0.081 ± 0.010	0.075 ± 0.011	0.078 ± 0.007	Pass
AP-966,967	3/30/2021	Be-7	0.080 ± 0.010	0.085 ± 0.009	0.083 ± 0.007	Pass
SWU-835,836	3/30/2021	Gr. Beta	1.22 ± 0.56	1.27 ± 0.55	1.24 ± 0.39	Pass
AP-1204,1205	3/30/2021	Be-7	0.187 ± 0.102	0.160 ± 0.088	0.173 ± 0.067	Pass
AP-1029,1030	4/2/2021	Be-7	0.067 ± 0.012	0.079 ± 0.012	0.073 ± 0.009	Pass
SW-922,923	4/7/2021	H-3	440 ± 99	307 ± 93	373 ± 68	Pass
WW-987,988	4/12/2021	H-3	190 ± 87	284 ± 92	237 ± 63	Pass
F-1246,1247	4/22/2021	K-40	3.26 ± 0.66	2.83 ± 0.46	3.04 ± 0.40	Pass
SWT-1311,1312	4/27/2021	Gr. Beta	1.05 ± 0.52	1.16 ± 0.55	1.10 ± 0.38	Pass
WW-1401,1402	5/5/2021	Gr. Alpha	1.10 ± 1.00	2.50 ± 1.20	1.80 ± 0.78	Pass
WW-1401,1402	5/5/2021	K-40	126 ± 15	105 ± 30	115 ± 17	Pass
DW-30071.,30072	5/6/2021	Ra-226	0.98 ± 0.15	0.67 ± 0.13	0.83 ± 0.10	Pass
DW-30071.,30072	5/6/2021	Ra-228	0.83 ± 0.51	1.21 ± 0.54	1.02 ± 0.37	Pass
DW-30078,30079	5/10/2021	Gr. Alpha	4.90 ± 0.92	5.92 ± 0.99	5.41 ± 0.68	Pass
AP-051120A,B	5/11/2021	Gr. Beta	0.006 ± 0.002	0.005 ± 0.002	0.005 ± 0.002	Pass
DW-30083,30084	5/11/2021	Ra-226	0.34 ± 0.13	0.19 ± 0.20	0.27 ± 0.12	Pass
DW-30083,30084	5/11/2021	Ra-228	0.98 ± 0.60	0.15 ± 0.56	0.57 ± 0.41	Pass
S-1506,1507	5/18/2021	K-40	10.1 ± 0.8	14.9 ± 1.2	12.5 ± 0.7	Pass
DW-30092,30093	5/20/2021	Gr. Alpha	2.86 ± 0.85	2.40 ± 0.90	2.63 ± 0.62	Pass
DW-30095,30096	5/21/2021	Ra-226	1.18 ± 0.16	0.73 ± 0.15	0.96 ± 0.11	Pass
DW-30095,30096	5/21/2021	Ra-228	1.44 ± 0.63	0.61 ± 0.59	1.03 ± 0.43	Pass
AP-052521A,B	5/25/2021	Gr. Beta	0.021 ± 0.003	0.022 ± 0.003	0.021 ± 0.002	Pass
S-1589,1590	5/28/2021	Pb-214	1.16 ± 0.08	1.06 ± 0.09	1.11 ± 0.06	Pass
S-1589,1590	5/28/2021	Ac-228	1.17 ± 0.18	1.08 ± 0.14	1.13 ± 0.11	Pass

TABLE A-6. Intralaboratory "Duplicate" Samples

			Concentration[a]			
Lab Code[b]	Date	Analysis	First Result	Second Result	Averaged Result	Acceptance
AP-060121A,B	6/1/2021	Gr. Beta	0.015 ± 0.003	0.013 ± 0.003	0.014 ± 0.002	Pass
DW-30113,30114	6/1/2021	Ra-226	2.00 ± 0.34	2.64 ± 0.26	2.32 ± 0.21	Pass
DW-30113,30114	6/1/2021	Ra-228	2.50 ± 0.78	3.13 ± 0.82	2.82 ± 0.57	Pass
PS-1631,1632	6/2/2021	K-40	21.1 ± 0.8	20.4 ± 0.8	20.7 ± 0.6	Pass
DW-30119,30120	6/3/2021	Gr. Alpha	1.18 ± 0.75	0.66 ± 0.64	0.92 ± 0.49	Pass
WW-1908,1909	6/4/2021	H-3	150 ± 85	176 ± 87	163 ± 61	Pass
VE-1717,1718	6/7/2021	Be-7	0.50 ± 0.19	0.38 ± 0.14	0.44 ± 0.12	Pass
VE-1717,1718	6/7/2021	K-40	5.26 ± 0.47	5.45 ± 0.44	5.35 ± 0.32	Pass
AP-060821A,B	6/8/2021	Gr. Beta	0.030 ± 0.004	0.028 ± 0.004	0.029 ± 0.003	Pass
AP-1822,1823	6/10/2021	Be-7	0.23 ± 0.12	0.22 ± 0.12	0.22 ± 0.08	Pass
CF-1844,1845	6/14/2021	K-40	8.37 ± 0.44	8.33 ± 0.35	8.35 ± 0.28	Pass
AP-061521A,B	6/15/2021	Gr. Beta	0.020 ± 0.004	0.017 ± 0.003	0.019 ± 0.002	Pass
DW-30131,30132	6/17/2021	Ra-226	0.41 ± 0.21	0.34 ± 0.23	0.38 ± 0.16	Pass
DW-30131,30132	6/17/2021	Ra-228	0.42 ± 0.85	0.52 ± 0.74	0.47 ± 0.56	Pass
DW-30138,30139	6/17/2021	Gr. Alpha	1.59 ± 0.84	2.21 ± 0.95	1.90 ± 0.63	Pass
S-1929,1930	6/22/2021	K-40	19.4 ± 1.0	19.2 ± 1.1	19.3 ± 0.7	Pass
AP-062221A,B	6/22/2021	Gr. Beta	0.014 ± 0.003	0.012 ± 0.028	0.013 ± 0.014	Pass
DW-30150,30151	6/28/2021	Ra-226	0.53 ± 0.15	0.55 ± 0.19	0.54 ± 0.12	Pass
DW-30150,30151	6/28/2021	Ra-228	0.76 ± 0.54	0.52 ± 0.52	0.64 ± 0.37	Pass
AP-2160,2161	6/28/2021	Be-7	0.11 ± 0.01	0.11 ± 0.01	0.11 ± 0.01	Pass
DW-30150,30151	6/28/2021	Ra-226	0.53 ± 0.15	0.55 ± 0.19	0.54 ± 0.12	Pass
DW-30150,30151	6/28/2021	Ra-228	0.76 ± 0.54	0.52 ± 0.52	0.64 ± 0.37	Pass
AP-2218,2119	6/29/2021	Be-7	0.11 ± 0.01	0.12 ± 0.01	0.11 ± 0.01	Pass
AP-2235,2236	6/30/2021	Be-7	0.10 ± 0.01	0.11 ± 0.01	0.10 ± 0.01	Pass
CF-2139,2140	7/12/2021	Be-7	0.49 ± 0.12	0.65 ± 0.20	0.57 ± 0.12	Pass
CF-2139,2140	7/12/2021	K-40	8.25 ± 0.41	7.94 ± 0.46	8.10 ± 0.31	Pass
VE-2214,2215	7/12/2021	K-40	3.26 ± 0.11	3.41 ± 0.25	3.34 ± 0.14	Pass
DW-30169,30170	7/12/2021	Gr. Alpha	2.61 ± 0.87	2.09 ± 0.84	2.35 ± 0.60	Pass
DW-30169,30170	7/12/2021	Gr. Beta	2.09 ± 0.67	2.52 ± 0.60	2.31 ± 0.45	Pass
DW-30169,30170	7/12/2021	Ra-226	0.84 ± 0.24	0.82 ± 0.20	0.83 ± 0.16	Pass
DW-30169,30170	7/12/2021	Ra-228	0.80 ± 0.54	0.84 ± 0.50	0.82 ± 0.37	Pass
AP-71320,71321	7/13/2021	Gr. Beta	0.015 ± 0.003	0.010 ± 0.003	0.013 ± 0.002	Pass
XW-2424,2425	7/16/2021	H-3	193 ± 86	104 ± 81	149 ± 59	Pass
DW-30183,30184	7/19/2021	Ra-226	1.37 ± 0.18	1.21 ± 0.27	1.29 ± 0.16	Pass
DW-30183,30185	7/19/2021	Ra-228	1.51 ± 0.69	1.52 ± 0.68	1.52 ± 0.48	Pass
AP-71920,71921	7/19/2021	Gr. Beta	0.021 ± 0.004	0.020 ± 0.003	0.021 ± 0.002	Pass
S-2277,2278	7/20/2021	K-40	13.6 ± 0.9	12.3 ± 0.9	12.9 ± 0.6	Pass
DW-30191,30192	7/20/2021	Gr. Alpha	3.88 ± 0.94	3.66 ± 94.00	3.77 ± 47.00	Pass
SG-2382,2383	7/23/2021	Pb-214	1.88 ± 0.21	1.94 ± 0.21	1.91 ± 0.15	Pass
SG-2382,2383	7/23/2021	Ac-228	1.69 ± 0.28	1.96 ± 0.33	1.83 ± 0.22	Pass
DW-30207,30208	7/26/2021	Gr. Alpha	5.47 ± 1.29	5.20 ± 1.24	5.34 ± 0.89	Pass
DW-30207,30208	7/26/2021	Gr. Beta	5.89 ± 0.77	6.11 ± 0.73	6.00 ± 0.53	Pass

TABLE A-6. Intralaboratory "Duplicate" Samples

			Concentration[a]			
Lab Code[b]	Date	Analysis	First Result	Second Result	Averaged Result	Acceptance
DW-30210,30211	7/28/2021	Ra-226	0.48 ± 0.13	0.62 ± 0.11	0.55 ± 0.09	Pass
DW-30210,30211	7/28/2021	Ra-228	0.45 ± 0.53	0.73 ± 0.65	0.59 ± 0.42	Pass
S-2509,2510	8/1/2021	K-40	14.2 ± 0.5	13.7 ± 1.0	14.0 ± 0.6	Pass
S-2509,2510	8/1/2021	Be-7	7.27 ± 0.29	7.97 ± 0.69	7.62 ± 0.37	Pass
DW-30221,30222	8/6/2021	Gr. Alpha	2.19 ± 1.55	2.08 ± 1.54	2.14 ± 1.09	Pass
DW-30221,30222	8/6/2021	Gr. Beta	1.19 ± 1.04	2.76 ± 1.08	1.98 ± 0.75	Pass
DW-30221,30222	8/6/2021	Ra-226	2.00 ± 0.22	1.58 ± 0.26	1.79 ± 0.17	Pass
DW-30221,30222	8/6/2021	Ra-228	1.69 ± 0.56	1.75 ± 0.54	1.72 ± 0.39	Pass
VE-2551,2552	8/11/2021	K-40	2.68 ± 0.20	2.61 ± 0.27	2.64 ± 0.17	Pass
VE-2551,2552	8/11/2021	Be-7	0.16 ± 0.08	0.18 ± 0.08	0.17 ± 0.05	Pass
AP-2578,2579	8/12/2021	Be-7	0.18 ± 0.09	0.20 ± 0.11	0.19 ± 0.07	Pass
AP-082421A,B	8/24/2021	Gr. Beta	0.032 ± 0.004	0.028 ± 0.004	0.030 ± 0.003	Pass
AP-083121A,B	8/24/2021	Gr. Beta	0.027 ± 0.004	0.029 ± 0.004	0.028 ± 0.003	Pass
VE-2684,2685	8/25/2021	K-40	2.15 ± 0.26	1.92 ± 0.27	2.03 ± 0.19	Pass
VE-2684,2685	8/25/2021	Be-7	0.20 ± 0.10	0.26 ± 0.11	0.23 ± 0.07	Pass
VE-2728,2729	8/25/2021	K-40	2.34 ± 0.41	2.27 ± 0.40	2.31 ± 0.29	Pass
DW-30238,30239	8/25/2021	Gr. Alpha	3.94 ± 0.91	2.43 ± 0.86	3.185 ± 0.63	Pass
DW-30238,30239	8/25/2021	Ra-226	2.57 ± 0.24	1.83 ± 0.24	2.20 ± 0.17	Pass
DW-30238,30239	8/25/2021	Ra-228	2.86 ± 0.83	2.52 ± 0.66	2.69 ± 0.53	Pass
SW-2641,2642	8/31/2021	H-3	289 ± 92	310 ± 93	300 ± 65	Pass
VE-2858,2859	9/2/2021	K-40	8.36 ± 0.41	8.02 ± 0.47	8.19 ± 0.31	Pass
SG-2934,2935	9/13/2021	Pb-214	2.72 ± 0.22	2.54 ± 0.27	2.63 ± 0.17	Pass
SG-2934,2935	9/13/2021	Ac-228	3.16 ± 0.39	3.22 ± 0.58	3.19 ± 0.35	Pass
DW-30249,30250	9/17/2021	Ra-226	0.70 ± 0.18	1.00 ± 0.17	0.85 ± 0.12	Pass
S-3042,3043	9/22/2021	K-40	7.55 ± 0.80	7.57 ± 0.81	7.56 ± 0.57	Pass
DW-30249,30250	9/17/2021	Ra-226	0.70 ± 0.18	1.00 ± 0.17	0.85 ± 0.12	Pass
S-3042,3043	9/22/2021	K-40	7.55 ± 0.80	7.57 ± 0.81	7.56 ± 0.57	Pass
DW-30256,30257	10/8/2021	Gr. Alpha	2.35 ± 0.79	2.71 ± 0.92	2.53 ± 0.61	Pass
S-3279,3280	10/11/2021	K-40	10.08 ± 0.58	9.18 ± 0.53	9.63 ± 0.39	Pass
DW-30262,30263	10/14/2021	Ra-226	1.49 ± 0.30	1.51 ± 0.17	1.50 ± 0.17	Pass
DW-30262,30263	10/14/2021	Ra-228	1.16 ± 0.79	2.08 ± 0.82	1.62 ± 0.57	Pass
AP-102521A,B	10/25/2021	Gr. Beta	0.026 ± 0.005	0.030 ± 0.010	0.028 ± 0.010	Pass
XWW-3707,3708	10/27/2021	H-3	206 ± 87	268 ± 90	237 ± 63	Pass
AP-110121A,B	11/1/2021	Gr. Beta	0.017 ± 0.004	0.016 ± 0.00	0.016 ± 0.003	Pass
DW-30277,30278	11/5/2021	Gr. Alpha	10.11 ± 1.19	9.72 ± 1.11	9.92 ± 0.81	Pass
DW-30277,30278	11/5/2021	Gr .Beta	5.53 ± 0.72	4.22 ± 0.69	4.88 ± 0.50	Pass
DW-30277,30278	11/5/2021	Ra-226	6.27 ± 0.32	6.34 ± 0.37	6.31 ± 0.25	Pass
DW-30277,30278	11/5/2021	Ra-228	3.10 ± 0.86	3.76 ± 0.90	3.43 ± 0.62	Pass
AP-111521A,B	11/15/2021	Gr. Beta	0.022 ± 0.004	0.026 ± 0.005	0.024 ± 0.003	Pass
AP-112221A,B	11/22/2021	Gr. Beta	0.023 ± 0.004	0.025 ± 0.005	0.024 ± 0.003	Pass
AP-112921A,B	11/29/2021	Gr. Beta	0.038 ± 0.005	0.035 ± 0.005	0.037 ± 0.004	Pass

TABLE A-6. Intralaboratory "Duplicate" Samples

			Concentration[a]			
Lab Code[b]	Date	Analysis	First Result	Second Result	Averaged Result	Acceptance
DW-30297,8	12/15/2021	Ra-226	1.71 ± 0.15	1.21 ± 0.13	1.46 ± 0.10	Pass
DW-30297,8	12/15/2021	Ra-228	2.44 ± 0.98	1.96 ± 0.97	2.20 ± 0.69	Pass
S-4182,4183	12/19/2021	Pb-214	1.19 ± 0.06	1.07 ± 0.08	1.13 ± 0.05	Pass
S-4182,4183	12/19/2021	Ac-228	1.08 ± 0.11	1.15 ± 0.14	1.12 ± 0.09	Pass
S-4182,4183	12/19/2021	K-40	1.75 ± 0.74	1.80 ± 0.84	1.78 ± 0.56	Pass
AP-122721A,B	12/27/2021	Gr. Beta	0.063 ± 0.006	0.060 ± 0.006	0.062 ± 0.004	Pass
AP-4350,4351	12/28/2021	Be-7	0.06 ± 0.02	0.06 ± 0.02	0.06 ± 0.01	Pass
AP-4845,4846	12/31/2021	Be-7	0.07 ± 0.01	0.06 ± 0.02	0.06 ± 0.01	Pass

Note: Duplicate analyses are performed on every twentieth sample received. Results are not listed for those analyses with activities that measure below the LLD.

[a] Results are reported in units of pCi/L, except for air filters (pCi/Filter or pCi/m3), food products, vegetation, soil and sediment (pCi/g).

[b] AP (Air Particulate), AV (Aquatic Vegetation), BS (Bottom Sediment), CF (Cattle Feed), CH (Charcoal Canister), DW (Drinking Water), E (Egg), F (Fish), G (Grass), LW (Lake Water), MI (Milk), P (Precipitation), PM (Powdered Milk), S (Solid), SG (Sludge), SO (Soil), SS (Shoreline Sediment), SW (Surface Water), SWT (Surface Water Treated), SWU (Surface Water Untreated), VE (Vegetation), W (Water), WW (Well Water).

TABLE A-7. Department of Energy's Mixed Analyte Performance Evaluation Program (MAPEP).

			Concentration[a]			
Lab Code [b]	Reference Date	Analysis	Laboratory result	Known Activity	Control Limits [c]	Acceptance
MAAP-594	2/1/2021	Gross Alpha	1.30 ± 0.08	1.77	0.53 - 3.01	Pass
MAAP-594	2/1/2021	Gross Beta	0.81 ± 0.04	0.649	0.325 - 0.974	Pass
MADW-571	2/1/2021	Gross Alpha	0.73 ± 0.06	0.87	0.26 - 1.48	Pass
MADW-572	2/1/2021	Gross Beta	2.38 ± 0.06	2.50	1.25 - 3.75	Pass
MASO-591	2/1/2021	Cs-134	-2.57 ± 2.21	0	NA [c]	Pass
MASO-591	2/1/2021	Cs-137	1700 ± 20	1550	1085 - 2015	Pass
MASO-591	2/1/2021	Co-57	977 ± 7	920	644 - 1196	Pass
MASO-591	2/1/2021	Co-60	1360 ± 10	1370	959 - 1781	Pass
MASO-591	2/1/2021	Mn-54	0.91 ± 2.85	0	NA [c]	Pass
MASO-591	2/1/2021	Zn-65	687 - 17	604	423 - 785	Pass
MASO-591	2/1/2021	K-40	682 ± 53	618	433 - 803	Pass
MAW-569	2/1/2021	Cs-134	10.5 ± 0.3	11.5	8.1 - 15.0	Pass
MAW-569	2/1/2021	Cs-137	8.53 ± 0.32	7.9	5.5 - 10.3	Pass
MAW-569	2/1/2021	Co-57	12.2 ± 0.3	11.4	8.0 - 14.8	Pass
MAW-569	2/1/2021	Co-60	0.03 ± 0.05	0	NA [c]	Pass
MAW-569	2/1/2021	Mn-54	16.5 ± 0.4	15.5	10.9 - 20.2	Pass
MAW-569	2/1/2021	Zn-65	11.5 ± 0.5	10.5	7.40 - 13.7	Pass
MAW-569	2/1/2021	K-40	9.93 ± 1.42	0	NA [c]	Fail [d]
MAAP-592	2/1/2021	Cs-134	1.54 ± 0.06	2.14	1.50 - 2.78	Pass
MAAP-592	2/1/2021	Cs-137	-0.011 ± 0.020	0	NA [c]	Pass
MAAP-592	2/1/2021	Co-57	0.636 ± 0.042	0.69	0.480 - 0.892	Pass
MAAP-592	2/1/2021	Co-60	-0.64 ± 0.02	0	NA [c]	Fail [e]
MAAP-592	2/1/2021	Mn-54	0.312 ± 0.058	0.312	0.218 - 0.406	Pass
MAAP-592	2/1/2021	Zn-65	0.41 ± 0.07	0.352	0.246 - 0.458	Pass
MAVE-588	2/1/2021	Cs-134	3.73 ± 0.09	3.60	2.50 - 4.70	Pass
MAVE-588	2/1/2021	Cs-137	5.69 ± 0.10	4.69	3.28 - 6.10	Pass
MAVE-588	2/1/2021	Co-57	6.23 ± 0.07	5.05	3.54 - 6.57	Pass
MAVE-588	2/1/2021	Co-60	3.29 ± 0.06	2.99	2.09 - 3.89	Pass
MAVE-588	2/1/2021	Mn-54	6.17 ± 0.16	5.25	3.68 - 6.83	Pass
MAVE-588	2/1/2021	Zn-65	-0.04 ± 0.08	0	NA [c]	Pass
MAAP-3007	8/1/2021	Gross Alpha	0.45 ± 0.04	0.960	0.288 - 1.632	Pass
MAAP-3007	8/1/2021	Gross Beta	0.71 ± 0.04	0.553	0.277 - 0.830	Pass
MADW-2688	8/1/2021	Gross Alpha	0.19 ± 0.03	0.232	0.070 - 0.394	Pass
MADW-2688	8/1/2021	Gross Beta	2.60 ± 0.06	2.807	1.404 - 4.211	Pass

TABLE A-7. Department of Energy's Mixed Analyte Performance Evaluation Program (MAPEP).

			Concentration[a]			
Lab Code [b]	Reference Date	Analysis	Laboratory result	Known Activity	Control Limits [c]	Acceptance
MASO-3004	8/1/2021	Cs-134	1035 ± 10	1170	819 - 1521	Pass
MASO-3004	8/1/2021	Cs-137	628 ± 11	572	400 - 744	Pass
MASO-3004	8/1/2021	Co-57	-0.11 ± 1.26	0	NA [c]	Pass
MASO-3004	8/1/2021	Co-60	720 ± 7	722	714 - 1326	Pass
MASO-3004	8/1/2021	Mn-54	456 ± 11	410	287 - 533	Pass
MASO-3004	8/1/2021	Zn-65	1002 ± 22	907	635 - 1179	Pass
MASO-3004	8/1/2021	K-40	663 ± 50	607	425 - 789	Pass
MADW-3003	8/1/2021	Ra-226	0.32 ± 0.06	0.226	0.158 ± 0.294	Fail[f]
MADW-3003	8/1/2021	Sr-90	3.63 ± 0.16	3.9	2.70 - 5.02	Pass
MADW-3003	8/1/2021	U-234	0.02 - 0.01	0.02	NA [g]	Pass
MADW-3003	8/1/2021	U-238	0.02 - 0.01	0.01	NA [g]	Pass

[a] Results are reported in units of Bq/kg (soil), Bq/L (water) or Bq/total sample (filters, vegetation).

[b] Laboratory codes as follows: MAW (water), MADW (water), MAAP (air filter), MASO (soil) and MAVE (vegetation).

[c] MAPEP results are presented as the known values and expected laboratory precision (1 sigma, 1 determination) and control limits as defined by the MAPEP. A known value of "zero" indicates an analysis was included in the testing series as a "false positive". MAPEP does not provide control limits.

[d] The sample spectrum was reanalyzed utilizing the minimum data point background width method. The result was 1.59 ± 1.77 Bq/L which satisfies MAPEP criteria for a false positive test.

[e] A decimal was misplaced in one of two cobalt-60 results while calculating a mean result causing MAPEP to fail the result as a statistically significant negative value at 3 standard deviations. The correct mean result (-0.0004 ± 0.0186) is not a statistically significant negative value and would not have failed.

f Radium result did not meet MAPEP acceptance criteria.

[g] Provided in the series for "sensitivity evaluation". MAPEP does not provide control limits.

TABLE A-8. Interlaboratory Comparison Crosscheck Program, Environmental Resource Associates (ERA)[a].

MRAD-30 Study

Lab Code [b]	Date	Analysis	Concentration [a] Laboratory Result	ERA Value [c]	Control Limits [d]	Acceptance
ERAP-722	3/22/2021	Cs-134	898	1030	668 - 1260	Pass
ERAP-722	3/22/2021	Cs-137	181	163	134 - 214	Pass
ERAP-722	3/22/2021	Co-60	1270	1220	1040 - 1550	Pass
ERAP-722	3/22/2021	Mn-54	< 4.3	< 50.0	0.00 - 50.0	Pass
ERAP-722	3/22/2021	Zn-65	908	771	632 - 1180	Pass
ERAP-722	3/22/2021	Sr-90	184	189	120 - 257	Pass
ERAP-724	3/22/2021	Gross Alpha	88.4	96.1	50.2 - 158	Pass
ERAP-724	3/22/2021	Gross Beta	74.1	62.6	38.0 - 94.6	Pass

[a] Results obtained by Environmental, Inc., Midwest Laboratory (EIML) as a participant in the crosscheck program for proficiency testing administered by Environmental Resource Associates, serving as a replacement for studies conducted previously by the Environmental Measurements Laboratory Quality Assessment Program (EML).

[b] Laboratory code ERAP (air filter). Results are reported in units of (pCi/Filter).

[c] The ERA Assigned values for the air filter standards are equal to 100% of the parameter present in the standard as determined by the gravimetric and/or volumetric measurements made during standard preparation as applicable.

[d] The acceptance limits are established per the guidelines contained in the Department of Energy (DOE) report EML-564, Analysis of Environmental Measurements Laboratory (EML) Quality Assessment Program (QAP) Data Determination of Operational Criteria and Control Limits for Performance Evaluation Purposes or ERA's SOP for the generation of Performance Acceptance Limits.

APPENDIX B

DATA REPORTING CONVENTIONS

Data Reporting Conventions

1.0. All activities, except gross alpha and gross beta, are decay corrected to collection time or the end of the collection period.

2.0. Single Measurements

Each single measurement is reported as follows: $x \pm s$

where: x = value of the measurement;

$s = 2\sigma$ counting uncertainty (corresponding to the 95% confidence level).

In cases where the activity is less than the lower limit of detection L, it is reported as: < L, where L = the lower limit of detection based on 4.66σ uncertainty for a background sample.

3.0. Duplicate analyses

If duplicate analyses are reported, the convention is as follows. :

3.1 Individual results: For two analysis results; $x_1 \pm s_1$ and $x_2 \pm s_2$

Reported result: $x \pm s$; where $x = (1/2)(x_1 + x_2)$ and $s = (1/2)\sqrt{s_1^2 + s_2^2}$

3.2. Individual results: $< L_1$, $< L_2$ Reported result: < L, where L = lower of L_1 and L_2

3.3. Individual results: $x \pm s$, < L Reported result: $x \pm s$ if $x \geq L$; < L, otherwise.

4.0. Computation of Averages and Standard Deviations

4.1 Averages and standard deviations listed in the tables are computed from all of the individual measurements over the period averaged; for example, an annual standard deviation would not be the average of quarterly standard deviations. The average $\bar{x}$ and standard deviation "s" of a set of n numbers $x_1, x_2 \ldots x_n$ are defined as follows:

$$\bar{x} = \frac{1}{n} \sum x \qquad s = \sqrt{\frac{\sum (x - \bar{x})^2}{n-1}}$$

4.2 Values below the highest lower limit of detection are not included in the average.

4.3 If all values in the averaging group are less than the highest LLD, the highest LLD is reported.

4.4 If all but one of the values are less than the highest LLD, the single value x and associated two sigma error is reported.

4.5 In rounding off, the following rules are followed:

4.5.1. If the number following those to be retained is less than 5, the number is dropped, and the retained numbers are kept unchanged. As an example, 11.443 is rounded off to 11.44.

4.5.2. If the number following those to be retained is equal to or greater than 5, the number is dropped and the last retained number is raised by 1. As an example, 11.445 is rounded off to 11.45.

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LABORATORY REPORT NO.:	8003-100-671
DATE:	2/17/2022
SAMPLES RECEIVED:	1/19/2022
PURCHASE ORDER NO.:	55117515

Enclosed are the exposure results from thermoluminescent dosimeters (TLDs) posted inside the protected area of the Davis-Besse Nuclear Power Station for the fourth quarter, 2021.

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Program Coordinator

APPROVED BY A. Banavali 2/17/22
A. Banavali, PhD.
Laboratory Manager

Table 1. Area monitors (TLDs), Davis-Besse Nuclear Power Station. Quarterly.

Location	mR/91 days			
	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Dry Fuel Storage Area				
T-101	204.4 ± 12.3	181.0 ± 9.0	182.6 ± 11.2	195.9 ± 10.1
T-102	338.4 ± 9.2	352.8 ± 17.8	321.7 ± 22.2	338.3 ± 22.4
T-103	45.9 ± 1.2	43.9 ± 3.8	38.0 ± 1.9	43.1 ± 3.1
T-104	89.5 ± 6.7	82.3 ± 3.1	72.0 ± 2.6	76.2 ± 5.5
T-105	76.8 ± 2.1	77.2 ± 4.8	74.3 ± 1.9	87.4 ± 6.0
T-109	52.2 ± 4.1	48.3 ± 2.5	49.0 ± 3.5	50.1 ± 2.2
T-110	63.8 ± 2.3	60.1 ± 2.1	59.8 ± 2.0	68.3 ± 3.7
Protected Area Fence				
T-174	36.9 ± 2.2	35.2 ± 2.4	34.9 ± 2.2	37.3 ± 2.4
T-175	146.9 ± 7.2	143.3 ± 7.3	137.0 ± 6.3	144.6 ± 8.7
T-176	26.3 ± 2.1	27.1 ± 2.0	25.4 ± 2.0	30.0 ± 2.9
T-178	17.1 ± 0.5	16.9 ± 0.7	17.3 ± 0.5	17.5 ± 1.1
T-180	10.8 ± 0.7	12.4 ± 0.6	11.0 ± 1.0	11.8 ± 0.7
T-181	10.4 ± 0.7	12.2 ± 0.5	10.7 ± 0.9	13.0 ± 0.6
T-184	14.8 ± 0.4	16.1 ± 1.0	14.9 ± 0.7	17.9 ± 1.0
T-186	17.6 ± 1.0	19.7 ± 1.0	19.1 ± 1.2	22.3 ± 1.0
T-187	26.6 ± 1.0	28.7 ± 2.0	27.8 ± 1.2	32.9 ± 2.8
T-189	34.1 ± 1.0	6.4 ± 0.4	33.8 ± 0.9	38.3 ± 1.5

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Energy Harbor Corporation	DATE: 02-17-22
Mail Stop 1041	SAMPLES RECEIVED: 12-31-21
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Oak Harbor, Ohio 43449	

Below are results of the analyses for gross beta, tritium and gamma emitting isotopes on two untreated water samples.

Location	T-4P	T-14
Lab Code	TSWU- 4226	TSWU- 4228
Date Collected	12-07-21	12-07-21
	Concentration (pCi/L)	
Gross beta	2.9 ± 0.7	1.8 ± 0.7
H-3	< 330	< 330
Mn-54	< 1.1	< 1.0
Fe-59	< 3.1	< 4.0
Co-58	< 1.7	< 1.1
Co-60	< 0.9	< 1.0
Zn-65	< 2.0	< 2.4
Zr-Nb-95	< 1.9	< 2.3
Cs-134	< 1.0	< 1.1
Cs-137	< 1.1	< 1.0
Ba-La-140	< 14.9	< 14.2

The error given is the probable counting error at the 95% confidence level.

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