N60478.AR.001711
NWS EARLE
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REMEDIAL ACTION WORK PLAN FINAL DESIGN ANALYSIS FOR SUBMISSION REMEDIAL ACTION AT OPERABLE UNIT 6 (OU 6) SITE 3 AND SITE 10 VOLUME 1 OF 3 NWS EARLE NJ

7/1/2002

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Prepare in quintuplicate (original and 4 copies)

CONTRACTOR DRAWINGS & INFORMATION SUBMITTAL
EFANENAVFACENGCOM 4335/3 (Rev. 6/80)

CONTROL NO. 07

CONTRACT NO.	CONTRACT TASK ORDER NO.	ACTIVITY LOCATION
N62472-99-D-0032	0040	Naval Weapons Station Earle – Colts Neck, NJ

PROJECT TITLE:
Landfill Capping OU-6, Sites 3 & 10

FROM:	DATE
Foster Wheeler Environmental Corp.: Program QC Manager Thomas Kelly	August 5, 2002
TO:	DATE
M. DiGeambeardino (CD-Copy)	August 5, 2002

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NOTE: FWENC understands that all the comments from the Navy, The State, and USEPA have been incorporated in the 90% design, and we also understand that the Navy, the State, and USEPA have no additional comments.

The attached 100% design package including the technical specifications, design report, and drawings have been prepared in accordance with the drafted Record of Decision (ROD) dated July 2001.

CD-COPY TO: **EFANE:** S. Beebe, C. Davis, D. Zari
NWS-Earle: L. Burg
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ITEM NO.	SUBMITTAL DESCRIPTION	PREPARED/ SUBMITTED BY	APPROVED	DISAPPROVED	REMARKS
1	SD-08, Statements; Final Remedial Action Work Plan for Remedial Action at Operable Unit 6 (Sites 3 and 10) ▪ Volume I of III – Final Design Analysis Report ▪ Volume II of III – Final Technical Specifications and Contract Drawings ▪ Volume III of III – Final Soil Erosion and Sediment Control Plan	Thomas Kelly			

REMEDIAL ACTION WORK PLAN

FINAL
Design Analysis Report
for
Submission
Remedial Action at
Operable Unit 6 (Sites 3 and 10)

VOLUME I of III

NAVAL WEAPONS STATION EARLE
Colts Neck, New Jersey

Prepared for:

ENGINEERING FIELD ACTIVITY NORTHEAST (EFANE)
10 Industrial Highway
LESTER, PA 19113

Contract Number N62472-99-D-0032
Contract Task Order 040

July 2002

Prepared by:

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FINAL
Design Analysis Report for Submission Remedial Action at Operable Unit 6 (Sites 3 and 10)

NAVAL WEAPONS STATION EARLE
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Revision	Date	Prepared by	Approved by	Pages Affected
0	07/23/01	A. Ciesielski	F. Ahtchi-Ali	All
1	09/10/01	M. Lavin	F. Ahtchi-Ali	All
2	07/15/02	M. Lavin	F. Ahtchi-Ali	All

Design Analysis Report for the Final Design Submission
Remedial Action at Operable Unit 6 (Sites 3 and 10)
NAVAL WEAPONS STATION EARLE
Colts Neck, New Jersey

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1. INTRODUCTION

1.1 PURPOSE AND SCOPE

The purpose of this Remedial Action Work Plan (RAWP) is to provide the basis for the design of the landfill caps as the remedial action at Sites 3 and 10 located in Operable Unit 6 (OU-6) at the Naval Weapons Station Earle (NWS Earle), in Colts Neck, New Jersey. This RAWP was prepared by Foster Wheeler Environmental Corporation (FWENC) for the Engineering Field Activity Northeast (EFANE) in response to Contract No. N62472-99-D-0032, Contract Task Order 040. There are three (3) volumes submitted as separate covers under this RAWP. These volumes are as follows:

- Volume I – The Design Analysis Report (DAR);
- Volume II – The Technical Specifications and Contract Drawings; and
- Volume III – The Soil Erosion and Sediment Control Plan (SESC Plan).

1.2 BACKGROUND

NWS Earle is located in Monmouth County, New Jersey, approximately 47 miles south of New York City. Sites 3 and 10 are both included in OU-6. The location of Site 3 and 10 are shown in Figure 1-1, a figure of the Mainside site locations. Site 3 is a 5-acre former landfill that was used from 1960 to 1968 for the disposal of domestic and industrial wastes. Site 10 is a 2-acre site that was used from 1953 to 1965 for the disposal of demilitarized metals from munitions and spent munitions cases. When disposal activities at these sites was discontinued, each site was graded and revegetated.

A series of remedial investigations (RIs) were conducted by the Navy to determine the nature and extent of contamination at Sites 3 and 10. A feasibility study (FS) was later conducted by the Navy for Sites 3 and 10 to determine the potential remedial actions for the sites. The selected remedial action for Sites 3 and 10 are presented in the Proposed Plan for OU-6, dated May 2001 prepared by Tetra Tec NUS, Inc. Being consistent with the EPA presumptive remedy for municipal landfills at military installations, the Proposed Plan of capping the landfill areas was selected by the Navy as the preferred remedial alternative. The Record of Decision (ROD) for OU-6, dated May 2001, selected Alternative 2 of the Proposed Remedial Action Plan as the remedial action for Site 3. Alternative 2 includes:

- Limited removal of protruding landfill materials;
- Scarred or bare areas are to receive additional soil cover, regrading, and revegetation to prevent potential human and animal contact with contaminants in the landfill materials;

- Fencing and posting of warning signs on the perimeter of the landfill to limit access to the covered area. (The access restrictions would be placed to limit future uses of the site that may result in disturbance of the soil cover or direct contact with contaminated media);
- A Classification Exception Area (CEA) pursuant to N.J.A.C. 7:9-6 to be established to prohibit use of untreated groundwater as drinking water. [New Jersey Department of Environmental Protection (NJDEP) administers the CEA program to ensure groundwater that temporarily does not meet Groundwater Quality Standards (GWQS) guidelines is not inadvertently used for a potable water source]; and
- Long-term, periodic monitoring and 5-year reviews that would assess the contaminant status and the potential threats to human health and the environment.

The Record of Decision for OU-6, selected Alternative 3 of the Proposed Remedial Action Plan as the remedial action for Site 10. Alternative 3 includes:

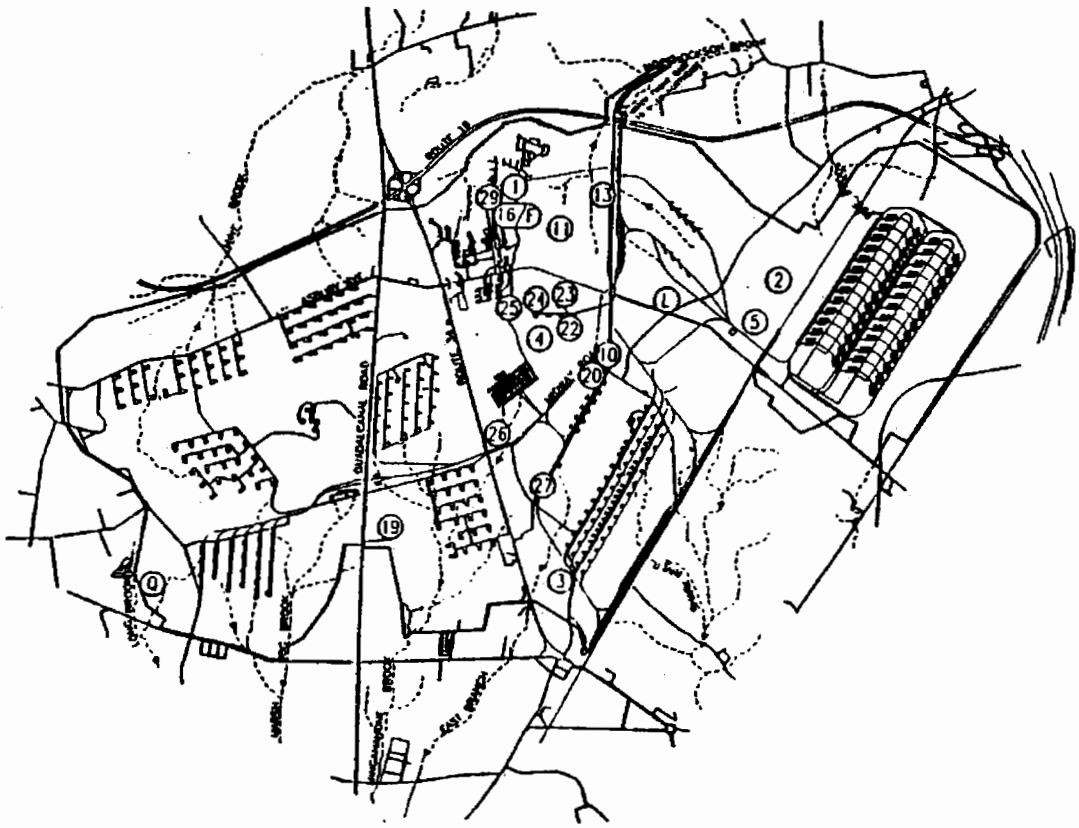
- The installation of a cover system over the area of former active landfill operations to prevent potential human and animal contact with contaminants in the landfill contents, reduce contaminant leaching to groundwater, and minimize contaminant migration via surface runoff and erosion;
- The placement of access restrictions to limit future uses of the site that may result in disturbance of the soil cover or direct contact with contaminated media;
- The prohibition of using untreated groundwater as drinking water; and
- Routine inspection and maintenance of entire landfill surface to ensure integrity of the existing and new cover systems.

The purpose of the DAR is to summarize and present the results of activities related to the design of the landfill caps as an appropriate remedial alternative for Sites 3 and 10.

1.3 DESIGN ANALYSIS REPORT ORGANIZATION

The DAR has been organized into the following sections.

- Section 1.0 – An introduction and summary of the basis of design;
- Section 2.0 – A summary of the site characteristics, including site history, and surface/subsurface soil and hydrological characteristics, and remedial investigations at NWS Earle;
- Section 3.0 – A summary of the site characteristics including site history, and surface/subsurface soil and hydrological characteristics, and remedial investigations at Site 3;



LEGEND

(5) SITE LOCATION

--•--- STREAM WITH FLOW DIRECTION

0 5,000 10,000

SCALE IN FEET

U.S. Navy RAC
NWS- Earle, Colts Neck, NJ

Figure 1-1

Sites 3 & 10 Mainside Area Locations

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- Section 4.0 – A summary of the site characteristics including site history, and surface/subsurface soil and hydrological characteristics, and remedial investigations at Site 10;
- Section 5.0 – A summary of the results of the Pre-Design Investigation; and
- Section 6.0 – A summary of the design requirements for the remedial action.

2. GENERAL SITE INFORMATION

2.1 BACKGROUND

NWS Earle is located in Monmouth County, New Jersey, approximately 47 miles south of New York City. The station consists of two areas. One area is the 10,248-acre Main Base (Mainside area), located inland. The other area is the 706-acre Waterfront area. The two areas are connected by a Navy-controlled right-of-way. The location of these areas is shown on Figure 2-1.

The facility was commissioned in 1943. The facility's primary mission is to supply ammunition to the naval fleet. An estimated 2,500 people either work or live at the NWS Earle.

The Mainside area is located approximately 10 miles inland from the Atlantic Ocean at Sandy Hook Bay in Colts Neck Township. Colts Neck Township has a population of approximately 6,500 people. The surrounding area includes agricultural land, vacant land, and low-density housing. The Mainside area consists of a large, undeveloped portion associated with ordnance operations, production, and storage. The Mainside area is encumbered by explosive safety quantity distance (ESQD) arcs. The NWS Earle Master Plan contains maps showing ESQD arcs around weapons handling, maintenance and storage facilities. Land use within the ESQD is typically restricted to transient activities only (e.g., transit or entry for ordnance inspection and maintenance activities). The result of the ESQD policy implementation is that most of the approximately 10,000 acres at the Mainside area (with the exception of the more densely developed Administration area near the main gate) is open in its natural wooded state. The Mainside area also consists of residences, offices, workshops, warehouses, recreational space, open space, and underdeveloped land.

The 706-acre Waterfront area is located adjacent to Sandy Hook Bay in Middletown Township. The population of Middletown Township is approximately 68,200 people. The Waterfront area is located approximately 10 miles north of the Mainside gate. The Mainside and Waterfront areas are connected by a 10-mile railroad and road right-of-way. These roads and railroads are used to transfer the munitions and other supplies destined for U.S. Navy ships from the Mainside area to the Waterfront area and to waiting ships at piers located in the Lower Hudson River Bay.

OU-6 consists of Sites 3 and 10, located in the Mainside area. The OU-6 sites were grouped together due to the similarities of the waste volumes, types of contaminants, and the potential for contaminants to migrate to human and/or environmental receptors. Both Sites were former landfills.

2.2 SUMMARY OF SITE CHARACTERISTICS

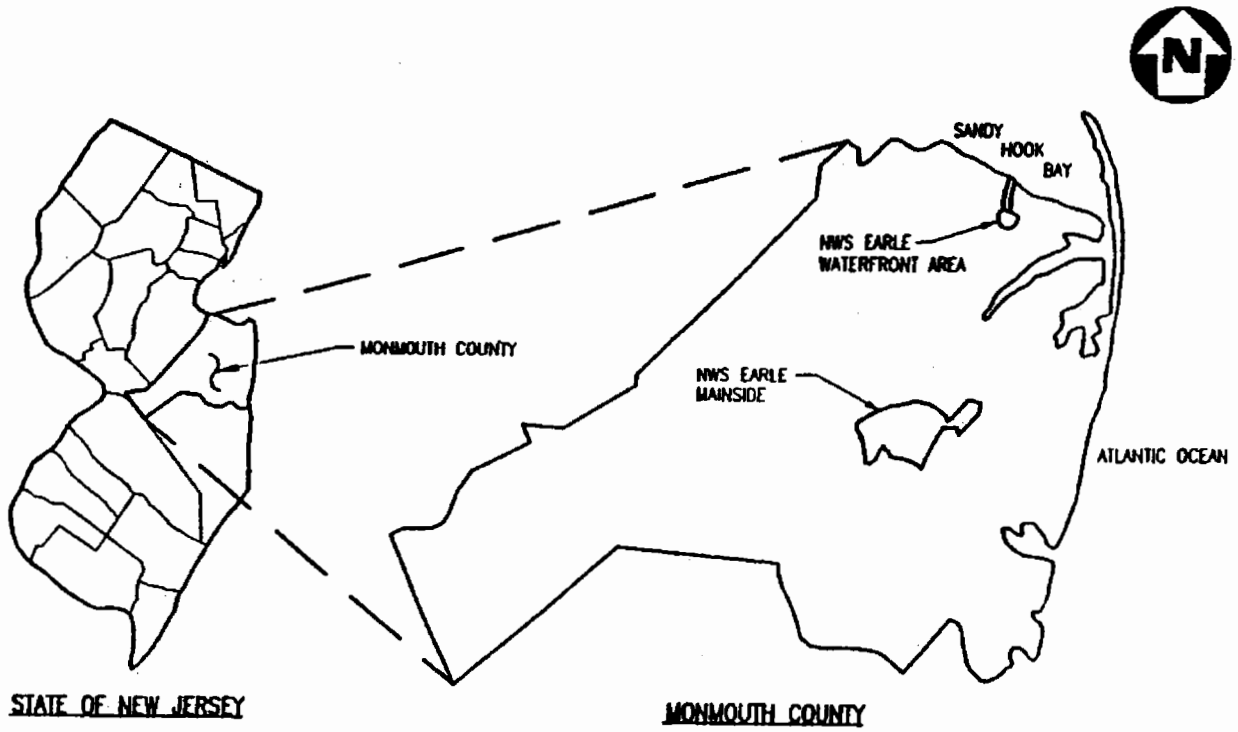
NWS Earle is located in the coastal lowlands of Monmouth County, New Jersey, within the Atlantic Plain Physiographic Province. The Mainside area, which includes OU-6, lies in the outer Coastal Plain, approximately 10 miles inland from the Atlantic Ocean. The Mainside area is relatively flat, with elevations ranging from approximately 100 to 300 feet above mean sea level (MSL). The most significant topographic relief within the Mainside area is Hominy Hills. Hominy Hills is a northeast-southwest-tending group of low lying hills located near the center of the station.

The rivers and streams draining NWS Earle ultimately discharge into the Atlantic Ocean. The Atlantic Ocean is approximately 9 to 10 miles east of the Mainside area. The headwaters and drainage basins of the three (3) major Coastal Plain rivers (Swimming, Manasquan, and Shark) originate on the Mainside area. The northern half of the Mainside area is located in the drainage basin of the Swimming River, and tributaries which include Mine Brook, Hockhockson Brook, and Pine Brook. The southwest portion of the Mainside drains to the Manasquan River via either Marsh Bog Brook or Mingamahone Brook. The southeastern corner of the Mainside drains to the Shark River. Both the Swimming River and the Shark River supply water to reservoirs used for public water supplies (Record of Decision, July 2001).

NWS Earle is located in the Coastal Plain Physiographic Province of New Jersey. The New Jersey Coastal Plain is a seaward-dipping wedge of unconsolidated Cretaceous to Quaternary sediments that were deposited on a pre-Cretaceous basement-bedrock complex. The Coastal Plain sediments are primarily composed of clay, silt, sand, gravel and were deposited in continental, coastal, and marine environments. The sediments generally strike northeast-southwest and dip to the southeast at a rate of 10 to 60 feet per mile. The approximate thickness of these sediments beneath NWS Earle is 900 feet.

The pre-Cretaceous complex consists mainly of Pre Cambrian and lower Paleozoic crystalline rocks and metamorphic schists and gneisses. The Cretaceous to Miocene Coastal Plain Formations are either exposed at the surface or subcrop in a banded pattern that roughly parallels the shoreline. The outcrop pattern is caused by the erosion truncation of the dipping sedimentary wedge. Where these formations are not exposed, they are covered by essentially flat-lying post-Miocene surficial deposits.

The groundwater classification area was established by New Jersey under New Jersey Department of Environmental Protection (NJDEP) Water Technical Programs Groundwater Quality Standards in New Jersey Administrative Code (N.J.A.C.) 7:9-6. The Mainside area is located in the Class II-A: Groundwater Supporting Potable Water Supply area. Class II-A includes those areas where groundwater is an existing source of potable water with conventional water supply treatment or is a potential source of potable water. In general, the deeper aquifers are used for public water supplies and the shallower aquifers are used for domestic supplies in the Mainside area.



U.S. Navy RAC
NWS- Earle, Colts Neck, NJ

Figure 2-1

Site Location Map

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Public water (New Jersey American Water Company) supplies all facilities located in the Mainside Administration area. The public supply network of water originates from the surface water intakes, reservoirs, and the deep wells. There are no public water supply wells or surface water intakes located on the NWS Earle facility. The businesses and residences in the areas surrounding the Mainside facilities receive their water supply from a combination of private wells and public water. There are a number of private wells located within a 1-mile radius of NWS Earle and several within the NWS Earle boundaries. The majority of these wells are used for potable supplies. These wells have been previously tested for drinking water parameters and indicate that these wells have not been adversely impacted.

Many different ecological systems are present at NWS Earle. Some of these species include Knieskern's beaked-rush (Rynchospora knieskernii), which is a sedge species, and the swamp pink (Helonias bullata). Both of these species are listed on either the federal or state endangered species lists. Additionally, an osprey has been seen on the Mainside area and may nest in another area at NWS Earle. Lastly, Bog turtles have been found downstream of the Mingamahone Brook, but not on NWS Earle proper.

2.3 SUMMARY OF PREVIOUS REMEDIAL INVESTIGATIONS

Potential hazardous substance releases at NWS Earle were addressed in the Initial Assessment Study (IAS) in 1982, the Site Inspection Study (SI) in 1986, and the Phase I Remedial Investigation (RI) in 1993 which were all performed by the Navy. These were preliminary investigations to determine the number of sources, compile histories of waste-handling and disposal practices at the sites, and acquire data on the types of contaminants present and potential human health and/or environmental receptors.

In 1990, NWS Earle was placed on the National Priorities List (NPL). The NPL lists the sites that uncontrolled hazardous substance releases may potentially be a serious threat to human health and the environment. The sites at NWS Earle were subsequently addressed during Phase II RI activities to further define the nature and extent of contamination at these sites. Phase II activities included the installation and sampling of groundwater monitoring wells; surface water and sediment sampling; surface and subsurface soil sampling; and test pit excavation. The Phase II RI was initiated in 1995 and completed in July 1996.

As part of the Phase II RI, a human health risk assessment and an ecological risk assessment were performed by the Navy for Sites 3 and 10. Following the RI addendum investigation, an addendum ecological risk assessment was performed by the Navy for Site 3.

2.4 SUMMARY OF PREVIOUS HUMAN HEALTH RISK ASSESSMENT

A baseline human health risk assessment was conducted by Tetra Tech NUS, Inc. for both Sites 3 and 10 within OU-6. The human health risk assessment estimated the potential risks to human health posed by exposure to contaminated groundwater, and sediment at the sites. To assess these human health risks, the exposure scenarios listed below were assumed:

- Ingestion of groundwater as a drinking water source'
- Inhalation of contaminants in groundwater (i.e., volatile compounds emitted during showering);
- Dermal exposure to contaminants in groundwater (i.e., showering, hand washing, bathing);
- Dermal contact from contaminated soils;
- Inhalation of contaminants in soil (i.e., fugitive dusts);
- Incidental ingestion of surface water and sediment; and
- Dermal contact with contaminated surface water and sediment.

These scenarios were applied to various site use categories, including future industrial, residential, and recreational receptors. Potential human health risks were categorized as carcinogenic or non-carcinogenic. In addition, results were compared to applicable federal and/or state standards such as federal Maximum Contaminant Levels (MCLs) for drinking water, NJDEP GWQS, or other published lists of reference values.

The results of the RI were used as a basis for the Feasibility Study (FS) of potential remedial alternatives. The FS addresses the contamination associated with Sites 3 and 10. The FS was completed as part of the Navy's Installation Restoration Program (IRP) and the Superfund Remedial Program [Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)].

The Navy and the EPA, in consultation with NJDEP, developed the Proposed Remedial Action Plan (Proposed Plan). The Proposed Plan, dated May 2001, selected Alternative 3, covering and institutional control plan for Site 10. The Proposed Plan selected Alternative 2, a limited action plan for Site 3.

3. SITE 3 – LANDFILL SOUTHWEST OF "F" GROUP

3.1 SITE DESCRIPTION

Site 3 is a landfill southwest of "F" group, as described in the Record of Decision (ROD) dated July 2001. The landfill is approximately a 5-acre site that was previously used from 1960 to 1968 for the disposal of domestic and industrial waste. Industrial waste disposed at Site 3 consisted of paints and paint thinners, solvents, varnishes, shellac, acids, alcohols, caustics, pesticide containers and rinse water, wood, and a small amount of asbestos. Navy records, reviewed for the Initial Assessment Study (IAS) in 1982 indicated that the industrial wastes comprise only a small portion of the approximately 4,800 tons of waste. Test pits performed at Site 3 by Tetra Tech NUS, Inc. in 1995 confirmed the IAS findings, encountering aged municipal trash consisting of plastic, wood, old newspaper, rusted tin cans, oil filters, empty antifreeze bottles, and glass bottles. Trash was found within two feet of the ground surface. Sandy soil was the only cover material.

Scarce evidence has been found on the surface of the property indicating that sportsmen used the area for shotgun target practice at some unknown time period in the past. Lead values in surface soil or sediment samples indicate no significant impact from past skeet shooting practices.

3.2 GEOLOGY

Regional mapping places Site 3 within the outcrop area of the Kirkwood Formation. The Kirkwood Formation ranges between 60 and 100 feet in thickness. The lithology of the sediments encountered in the on-site borings generally agrees with the published description of the Kirkwood and Vincentown Formations. Assuming a portion of the Kirkwood Formation was removed by erosion, it is possible that at least one of the soil borings penetrated the underlying Vincentown Formation.

3.3 SOILS

The soils covering Site 3 belong to three different series. The series include the Lakehurst, Elkton and Humaquepts (SCS, USDA, 1989). Each series and appropriate mapping unit that covers Site 3 are described in detail below.

The Lakehurst series soils, mapped as Lakehurst sand are nearly level, moderately well drained and somewhat poorly drained soil in depressional areas and on low divides. Typically, the surface layer is gray sand 4 inches thick. The subsurface layer is light gray sand 6 inches thick. The subsoil is 26 inches thick. It is brown loamy sand to a depth of 13 inches. In the next layer it is mottled, brownish yellow sand to a depth of 24 inches. Below that, it is mottled, pale brown sand to a depth of 36 inches. The substratum is mottled, light brownish gray sand to a depth of 60 inches or more. Permeability of this Lakehurst soil is rapid in the subsoil and the substratum. The available water capacity is low. The apparent seasonal high water table depth is 1 ½ to 3 ½ feet from January to April. Runoff is very slow.

Water erosion is a slight hazard. Wind erosion is a severe hazard. Most areas of this soil are woodland. A very small acreage is used for pasture and farming. This soil is poorly suited to common field crops, hay, and vegetables. The main limitations are the low available water capacity, the low organic matter content, rapid permeability, and the seasonal high water table. The main limitations to use of this soil as sites for dwellings and some other types of community development are the seasonal high water table, poor filter, cutbanks caving, and sandiness.

The Elkton series soils, mapped as Elkton loam is a nearly level, poorly drained soil in depressional areas and on broad flats. Typically, the surface layer is 4 inches thick. In the uppermost 2 inches it is matted, decomposed organic material and roots, and below that it is very dark gray loam. The subsurface layer is dark gray loam 5 inches thick. The subsoil is 32 inches thick. It is mottled, grayish brown silty clay to a depth of 41 inches. The substratum is mottled, dark gray silty clay to a depth of 60 inches or more. Permeability of this Elkton soil is slow in the subsoil and moderately slow to moderately rapid in the substratum. The available water capacity is high. The apparent seasonal high water table is between the surface and a depth 1 foot from January to April. Erosion is a slight hazard. The main limitations of this soil as sites for dwellings and some other types of community development are the seasonal high water table, high clay content, slow percolation, low strength, and flooding.

The Humaquepts, frequently flooded series is a nearly level, somewhat poorly drained to very poorly drained soils. They are on flood plains along perennial and intermittent streams. Generally, the surface layer and the subsoil consist of stratified layers of sandy loam, loam, or silt loam. In some areas the stratified layers are gravelly or mucky. Permeability of Humaquepts, frequently flooded, is moderate or moderately rapid in the subsoil and the substratum. The available water capacity is high. The apparent seasonal high water table is between the surface and a depth of 1 ½ feet. Runoff is slow. Organic matter content is low to high. The soil is subject to frequent flooding mainly in the early spring of after a heavy rainfall. In unlimed areas reaction is extremely acid to slightly acid.

3.4 SURFACE WATER HYDROLOGY

Site 3 is covered with woodlands, open space dominated by tall grass, and some bare areas. The surface runoff drains to the northeast side of the landfill into the drainage depression.

3.5 SUMMARY OF PREVIOUS REMEDIAL INVESTIGATIONS

3.5.1 Initial Assessment Study (IAS) Results

The 1983 IAS consisted of interviews and on-site observations. The site was recommended for further investigation, based on the potential for groundwater impacts on the Kirkwood Aquifer.

3.5.2 Site Investigation (SI) Study Results

A Confirmation Study in 1986 (Site Investigation) included the installation and sampling of three (3) monitoring wells, MW3-01 through MW3-03. Groundwater samples were found to have a relatively low pH, but no compounds were found at concentrations above regulatory limits at that time. No other Site 3 media was sampled in the confirmation study.

3.5.3 Phase I Remedial Investigation (RI) / Feasibility Study (FS) Results

Phase I RI/FS activities were conducted by the Navy in 1993 at NWS Earle. During the RI/FS, seven (7) test pits were excavated. A physical description of the waste materials and surrounding soils, and four (4) additional monitoring wells were installed at Site 3 to monitor groundwater quality. Two (2) representative samples of "soil" in contact with the waste were taken from the test pits to obtain a representative characterization of the status of soils in the area.

Based on visual inspection of test pit excavations, the landfill has shown to contain typical municipal waste. Two (2) soil samples were collected from the test pits. These samples were analyzed for Target Compound List (TCL) organics and Target Analyte List (TAL) inorganics and Total Petroleum Hydrocarbons (TPH). Three semi-volatile compounds, fluoranthene, pyrene, and bis(2-ethylhexyl)phthalate, were detected at concentrations below the method detection limit. Barium was detected at a concentration of 1,320 mg/kg, TPH was detected at a concentration of 110 mg/kg, and trace levels of pesticides were encountered in one (1) sample.

Groundwater from all seven (7) wells was collected and analyzed for full TCL/TAL analytes. Later a few wells were sampled and analyzed for volatile organic compounds (VOCs), drinking water metals, and inorganic landfill indicator parameters.

An elevated level of arsenic (0.37 ppm) from one groundwater sample was found in the downgradient well, MW3-01. This high level of arsenic in groundwater was not reproduced in later sampling events. Subsequent sampling events in all media (including groundwater) at Site 3 encountered arsenic at levels near or below the corresponding background arsenic concentration for that medium. Consequently, the high arsenic reading was not used for the risk assessment calculations.

Elevated levels of VOCs and semi-volatile organic compounds (SVOCs) were found in some wells (particularly monitoring well MW3-04). Wells MW3-04 and MW3-05 had low levels of several pesticide compounds.

Monitoring wells downgradient of the landfill contained higher levels of the landfill indicator parameters [chemical oxygen demand (COD) (235 to 1,960 mg/l) and sulfate (64.9 to 74.6 mg/l)] than were found in

the upgradient well [COD (96.8 mg/l) and sulfate (14.3 mg/l)]. Subsequent analysis in the final RI report concluded that although this former landfill has some impact on shallow groundwater quality, it is not indicative of a concentrated leachate that would be in itself an ecological or human health risk.

3.5.4 Phase II Remedial Investigation

Between May and October 1995, the Navy conducted the following field investigation activities:

- Soil gas survey and analysis at 25 locations;
- Excavation of two (2) test pits;
- Drilling and installation of one (1) shallow permanent monitoring well;
- Sampling and analysis of groundwater from monitoring wells;
- Measurement of static water levels in monitoring wells; and
- Sampling and analysis of one surface soil in the wetlands southeast of the landfill (03SDWET3A-1).

Concentrations of most metals in site-related sediment samples were similar to the range associated with background samples. Antimony (1.3 mg/kg) was found in sediment sample (03SDWET3A-1) at low concentrations near the instrument detection limit but was not detected in the background samples. Polycyclic aromatic hydrocarbons (PAHs), including benz(a)anthracene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, fluoranthene, fluorene, and pyrene, were detected in 03SDWET3A-1 at concentrations two to three times above background concentrations. 4-4'-DDT was detected in sediment samples at concentrations ranging from 3 to 4 ug/kg; however, background concentrations as high as 19 ug/kg were detected. Alpha-BHC and Heptachlor epoxide were detected in sample 03SDWET3A-1 at 0.082 ug/kg and 2.2 ug/kg, respectively. With the exception of beryllium, the site-related samples also showed the presence of all the metals found in background, in addition to arsenic and thallium. The highest concentrations of metals in Site 3 groundwater samples were detected in the sample collected at 03 GW 01. This well and one other (03 GW 03) required sample filtering in the field. The filtered sample from the downgradient location, 03 GW 01, exhibited fairly high aluminum levels (5,520 ug/L) and also displayed concentrations greater than background ranges for antimony and cadmium. Other metals, such as iron, zinc and barium, were present in considerable lower levels in the sample. Sample 03 GW 05, collected from a well cross gradient from the landfill, displayed an elevated level of manganese, and sample 03 GW 06 (an upgradient location) exhibited thallium at a low level. VOCs detected above the NJDEP groundwater quality standards (GWQS) in MW3-04 were acetone (970 ug/L) and xylene (470 ug/l). 2-Butanone (5 ug/l) and gamma-chlordane (0.0081 ug/L) were each detected in one groundwater sample collected at Site 3. Neither of these compounds was detected in background groundwater samples.

3.5.5 RI Addendum Investigation

Further sampling, by the Navy, to delineate the extent of contamination in the wetlands adjacent to the site, particularly in the drainage pathway southeast of the site, was required to evaluate potential impacts on ecological receptors based on the results of previous investigations and the 1995 RI.

On October 29 and October 30, 1996, the Navy conducted the following field activities at Site 3:

- Sampling and Analysis of Surface Soil; and
- Sampling and Analysis of Sediment.

Concentrations of metals in surface soils were similar to the range found in background samples. Concentrations of PAHs in the three new sediment samples collected for the RI addendum were found within the range of background concentrations [benz(a)anthracene, 68.0 to 93.0 ug/kg; benzo(b)fluoranthene, 110 to 120 ug/kg; benzo(k)fluoranthene, 50 ug/kg; chrysene, 130 to 140 ug/kg; fluoranthene, 160 to 190 ug/kg; phenanthrene, 180 to 220 ug/kg; and pyrene, 190 to 230 ug/kg]. One pesticide was detected in sediments at a low level (4-4'-DDT, 3.0 ug/kg).

3.5.6 Baseline Human Health Risk Assessment

The potential receptors considered for this site were future industrial, residential, and recreational receptors exposed to surface soil, sediments and groundwater. The reasonable maximum exposure (RME) cancer risks associated with future residential and future industrial (groundwater, surface soil, and sediments) exposure scenarios did not exceed the upper end of the conservative EPA guidance target risk range. Arsenic (via ingestion of groundwater and dermal contact with groundwater) is the principle chemical of potential concern (COPC) that contributed to the cancer risks for these exposure scenarios.

Risk assessment calculations were not performed for the contents of the landfill ("subsurface soil").

RME estimates for non-carcinogenic HI's associated with future industrial, residential, and recreational receptors exposed to surface soil, and sediments did not exceed 1.0, the cutoff point below which adverse non-carcinogenic effects are not expected to occur. RME estimates for non-carcinogenic HI's associated with the future residential groundwater exposure scenario exceeded 1.0. Arsenic is the COPC that exceeded 1.0 for this exposure scenario. In addition, central tendency exposure (CTE) risk estimates for future residential exposure to groundwater yielded an HI greater that 1.0; the affected target organ is the skin.

Lead groundwater concentrations at the site were below the EPA action level for public water supplies and are not expected to be associated with a significant increase in blood-lead levels, based on the results of the IEUBK lead model (V. 0.99).

3.5.7 Remedial Action Objectives (RAOs)

The following remedial action objectives were selected for Site 3:

- Prevent potential human exposure to metals in groundwater;
- Prevent potential contact with landfill contents; and
- Minimize migration of landfill contaminants to the adjacent wetlands.

4. SITE 10 – SCRAP METAL LANDFILL

4.1 SITE DESCRIPTION

Site 10 is a scrap metal landfill. The landfill is approximately a 2-acre site that was used from 1953 to 1965 for the disposal of demilitarized munitions and spent munitions cases. There is no known evidence that any live ammunition is buried on-site. Only certified-inert (i.e., no energetic potential remaining) materials were reported to have been disposed at Site 10. An estimated 65,000 cubic yards, which includes cover material, were disposed at the site. The disposed material consisted primarily of aluminum and steel containers. Spent grit and paint chips from the ammunition re-work operations were also buried. The landfill is primarily covered with sandy soil and is not covered with a low permeability cap. The site is vegetated with grasses and scrub pines, except for the access road and an open, disturbed, vehicle turn-around area, where no vegetation exists. Since cessation of disposal at this site, the sandy soil cover material has eroded and 40-mm shell cases have been uncovered.

4.2 GEOLOGY

Regional mapping places Site 10 within the outcrop area of the Kirkwood Formation; upper colluvium may be present at the site. Groundwater in the upper colluvium, Kirkwood, and Vincentown Aquifer, beneath the site occurs under confined conditions and the geologic units are interpreted to be hydraulically interconnected. The direction of shallow groundwater flow in the aquifer is toward the northwest, north, and north-northeast.

4.3 SOILS

The soils covering Site 10 belong to five different series. The series include the Lakehurst, Evesboro, Manahawkin muck, Lakewood, and Atsion (SCS, USDA, 1989). Each series and appropriate mapping unit that covers Site 10 are described in detail below.

The Lakehurst series soils, mapped as Lakehurst sand are nearly level, moderately well drained and somewhat poorly drained soil in depressional areas and on low divides. Typically, the surface layer is gray sand 4 inches thick. The subsurface layer is light gray sand 6 inches thick. The subsoil is 26 inches thick. It is brown loamy sand to a depth of 13 inches. In the next layer it is mottled, brownish yellow sand to a depth of 24 inches. Below that, it is mottled, pale brown sand to a depth of 36 inches. The substratum is mottled, light brownish gray sand to a depth of 60 inches or more. Permeability of this Lakehurst soil is rapid in the subsoil and the substratum. The available water capacity is low. The apparent seasonal high water table depth is 1 ½ to 3 ½ feet from January to April. Runoff is very slow. Water erosion is a slight hazard. Wind erosion is a severe hazard. Most areas of this soil are woodland. A very small acreage is used for pasture and farming. This soil is poorly suited to common field crops, hay, and vegetables. The main limitations are the low available water capacity, the low organic matter content, rapid permeability, and the seasonal high water table. The main limitations to use of this soil as

sites for dwellings and some other types of community development are the seasonal high water table, poor filter, cutbanks caving, and sandiness.

The Evesboro series of soils, mapped as Evesboro sand is a strongly sloping, excessively drained soil on side slopes. Typically, the surface layer is 4 inches thick. In the uppermost 2 inches it is matted, decomposed organic matter and roots, and below that it is grayish brown sand. The subsurface layer is yellowish brown sand 5 inches thick. The subsoil is yellowish brown sand 25 inches thick. The substratum is yellowish brown sand to a depth of 60 inches or more. Permeability of this Evesboro soil is rapid in the subsoil and the substratum. The available water capacity is low. The seasonal high water table is at a depth of more than 6 feet. Runoff is medium. Water erosion is a moderate hazard. Organic matter content is low. In unlimed areas reaction is strongly acid to extremely acid. Nearly all areas of this soil are wooded. The main limitations to use of this soil as sites for development are poor filter, cutbanks caving, slope, and sandiness.

The Manahawkin muck series is a nearly level and very poorly drained soil in wide depressional areas and on broad flats. Typically, the uppermost 30 inches is black and very dark gray muck. Below the muck, the substratum is mottled, dark gray loamy sand and sand to a depth of 60 inches or more. Permeability of the Manahawkin soil is moderately rapid in the subsoil and moderately rapid in the substratum. The available water capacity is high. The apparent seasonal high water table is between the surface and 1 foot above the surface from October to July. Runoff is very slow, and ponding is common. Erosion is a slight hazard. Organic matter content is high. The soil is subject to frequent flooding. In unlimed areas reaction ranges from extremely acid to strongly acid. Nearly all acreage is wooded. The main limitations to use of this soil for dwellings and some other types of community development are ponding, flooding, cutbanks caving, and low strength.

The Lakewood series, mapped as Lakewood sand, is a moderately sloping, excessively drained soil on side slopes. Typically, the surface layer is 4 inches thick. The uppermost inch is dark brown, matted, decomposed organic material, and below that it is dark grayish brown sand. The subsurface layer is light brownish gray sand 10 inches thick. The subsoils are 17 inches thick. It is dark brown loamy sand to a depth of 16 inches. Below that, it is brownish yellow sand to a depth of 31 inches. The substratum is brownish yellow sand to a depth of 60 inches or more. Permeability of this Lakewood soil is rapid in the subsoil and moderate to rapid in the substratum. The available water capacity is low. The seasonal high water table is at a depth of more than 6 feet. Runoff is slow. Water erosion is a moderate hazard. Wind erosion is a severe hazard. Organic matter content is low. In unlimed areas reaction is extremely acid or very strongly acid. Most areas of this soil are woodland. A very small acreage is used for farming and pasture. The limitations to use of this soil as site for dwellings and some other types of community development are poor filter, cutbanks caving, sandiness, and slope.

Atsion series soils, mapped as Atsion sand, are nearly level, poorly drained soils in depressional areas and on broad flats. Typically, the surface layer is 8 inches thick. The uppermost 2 inches is matted, partly decomposed organic material and roots, and below that is black sand. The subsurface layer is grayish brown sand 14 inches thick. The subsoil is 18 inches thick. It is dark reddish brown loamy sand of 30 inches. Below that, it is mottled, brown sand to a depth of 40 inches. The substratum is mottled, yellowish brown fine sand to a depth of 60 inches or more. Permeability of the Atsion soil is moderately rapid or rapid in the subsoil and rapid in the substratum. The available water capacity is low. The apparent seasonal high water table is between the surface and a depth of 1 foot from November to June. Runoff is very slow. Erosion is a slight hazard. Organic matter content is moderate. In unlimed areas reaction is extremely acid or very strongly acid. Most areas of this soil are wooded; a few acres are used for blueberries. The main limitation to use this soil as a site for dwellings and some other types of community development is the seasonal high water table.

4.4 SURFACE WATER HYDROLOGY

Site 3 is covered with woodlands, open space dominated by tall grass, and some bare areas. The surface runoff drains to the northwest culvert located on Munda Road. The remainder of the surface water drains into the drainage ditch located on the northeast side of the landfill.

4.5 SUMMARY OF PREVIOUS REMEDIAL INVESTIGATIONS

4.5.1 Initial Assessment Study (IAS) Results

An IAS, consisting of a document search, interviews and on-site observations was conducted by the Navy in 1983. The IAS concluded that materials (mostly metals) present in the landfill were not leaching into the environment. This conclusion was probably based on the fact that the pH values in the environment were moderate. Erosion of the very thin cover material was noted, along with the exposed corroded shell casings. Although the site was not initially recommended for a confirmation stud in the IAS, additional remedial investigation followed at the request of the EPA and the NJDEP.

4.5.2 Site Investigation (SI) Results

Three (3) monitoring wells were installed during the 1986 SI. Surface water and groundwater samples were analyzed. Methylene Chloride (a probable error or artifact from the laboratory performing the analysis of the SI samples) was detected at MW10-01, MW10-02, and MW10-03. Silver, at a concentration of 4 ug/l and mercury, at a concentration of 0.3 ug/l, were found in surface water samples. Two (2) semi-volatile organic compounds, N-nitrosodiphenylamine (30 to 31 ug/l) and di-n-butyl phthalate (2 to 70 ug/l), were also detected in the SI surface water samples.

The presence of the compounds found in the groundwater was the basis for subsequent investigation.

4.5.3 Phase I Remedial Investigation

During the 1993 RI, four (4) test pits were excavated and four (4) monitoring wells were installed.

Groundwater samples were collected from all seven (7) wells and analyzed for TCL/TAL analytes, VOCs, drinking water metals, and landfill parameters. Elevated levels of metals were detected in several wells, but no consistent distinction was found between upgradient and downgradient wells. Analysis of landfill parameters showed no distinction between downgradient wells and upgradient wells. VOCs were detected in groundwater samples, but these compounds were considered a result of common laboratory error in preparing or handling the RI samples.

Waste was encountered in two (2) of the four (4) test pits. One test pit sample was analyzed for TCL/TAL analytes and TPH [two (2) test pit samples were planned to have been obtained to provide a representative sampling, but apparent field error resulted in only one sample being analyzed]. Bis(2-ethylhexyl)phthalate at an estimated concentration of 86 ug/kg (possibly an artifact from field sampling error since this compound is often present in disposable gloves) and a low level of TPH were detected in the test pit sample.

Additionally, three (3) surface water and sediment samples were collected. Surface waster samples were analyzed for VOCs and TPH. The sediment samples were analyzed for VOCs, TCL organic compounds, TAL metals, polychlorinated biphenyl (PCB) compounds and pesticides. Low levels of SVOCs and inorganics were detected in the sediment samples. It was considered likely that the SVOCs were associated with runoff from the adjacent railroad bed. Metals concentrations were relatively low and no PCB or pesticide compounds were detected. Several VOCs typically associated with laboratory contaminants were detected in surface water samples. TPH was not detected in surface water samples.

4.5.4 Phase II Remedial Investigation

Between July and October 1995, the Navy conducted the following field investigation activities at Site 10:

- Sampling and analysis of groundwater samples from the seven existing monitoring wells; and
- Measurement of static water levels in the seven (7) existing wells to clarify the direction of groundwater flow.

Seven (7) site related groundwater samples (10 GW 01 through 10 GW 07) were collected at Site 10. Metals in groundwater were concluded to be the only compounds of concern at this (former metals landfill) Site. Concentrations of most metals in Site 10 groundwater were within the range of background results. Arsenic (4.7 ug/l), Silver (1.5 ug/l), and Thallium (3.7 ug/l), were encountered, in addition to the metals found within background groundwater samples, Iron was detected at an elevated concentration of 16,000 ug/l, in one groundwater sample.

4.5.5 Baseline Human Health Risk Assessment

The potential receptors considered for this site were future industrial, residential, and recreational receptors. The RME cancer risks associated with future residential and future industrial (groundwater) exposure scenarios did not exceed the upper end of the conservative EPA guidance target risk range.

RME estimates for non-carcinogenic HI's associated with future residential (groundwater) exposure scenario exceeded 1.0, the cutoff point below which adverse non-carcinogenic effects are not expected to occur. Arsenic is the COPC that exceeded 1.0 for this exposure scenario.

Lead groundwater concentrations at the site were below the EPA action level for public water supplies and are not expected to be associated with a significant increase in blood-lead levels, based on the results of the IEUBK lead model (V. 0.99).

Human health risk assessment calculations did not include data from field sampling prior to the 1995 RI. Only groundwater scenarios were considered in this risk assessment. Conclusions from previous investigations indicated that Site 10 surface water or sediment pathways were not contributing a significant human health risk to potential receptors. However, a surface or subsurface soil sample taken in an area of exposed corroded shell casing would almost certainly show high metals concentrations. Risk related to these metal concentrations were not calculated because it was assumed some remedial action would be performed to eliminate this exposure pathway.

4.5.6 Remedial Action Objectives (RAOs)

The following remedial action objective was selected for Site 10:

- Prevent potential human exposure to contaminated landfill materials.

5. PRE-DESIGN INVESTIGATION

5.1 PRE-DESIGN INVESTIGATION ACTIVITIES

A pre-design investigation was conducted by Foster Wheeler Environmental Corporation (FWENC), in June 2001, to gather information required for the design report. The pre-design investigation included the following components:

- Geotechnical Investigation;
- Waste Delineation;
- Wetlands Delineation; and
- Topographic Survey.

A general description of the scope of work activities and the results of the pre-design investigation at Sites 3 and 10 are included in this section.

5.2 PRE-DESIGN INVESTIGATION – SITE 3

5.2.1 Geotechnical Investigation

The geotechnical investigation was performed at Site 3 and included the completion of seven (7) geotechnical borings at the locations indicated on the Contract Drawings.

5.2.1.1 Soil Borings

A total of seven (7) geotechnical soil borings were completed at Site 3. These borings were drilled using hollow stem auger techniques. The soil boring activities were conducted from June 4, 2001 through June 13, 2001 by B & B Drilling.

Each split-spoon sampler was driven to the required depth with a rig-mounted hammer weighing 140 pounds falling 30 inches. Soil characteristics and geotechnical information from each split-spoon sample were recorded on the boring logs.

Upon completion of each boring, the individual borings were backfilled with the drill cuttings and bentonite grout through the center of the augers with a tremmie tube. Each boring was grouted from the bottom of the boring to the ground surface.

Boring logs for the seven (7) geotechnical borings are included in Attachment # 1. All seven (7) geotechnical borings were completed inside the landfill at Site 3.

5.2.1.2 Settlement Determination

The seven (7) soil borings were conducted using the Standard Penetration Test Method (ASTM D-1586) as the borings were advanced. As each split-spoon sample was collected, the soil was visually classified and inspected. The soil boring locations are shown on the Contract Drawings. Additionally, the standard penetration number (N) was recorded in the field log. The information obtained during the drilling activities is presented on the boring logs. Using the standard penetration number, the settlement analysis was determined as follows:

The Site 3 landfill has a ditch along the centerline as shown on Drawing C-5. The maximum settlement was calculated by considering the section of the landfill to the right of the centerline. The area of this section was approximated as a rectangle, 180 feet x 610 feet. The rectangle was divided into 4 equal zones, labeled I, II, III, and IV. Each zone had width, *B*, of 90' and length, *L*, of 305'. The maximum stress was assumed to be located at the center of the rectangle where the corners of the 4 zones meet. Division of the rectangle into zones enables Boussinesq's formula for stresses under the corner of a rectangular area to be utilized to determine the stress profile for the individual zones.

The stress influence factor, *I*, was determined for each zone at depth intervals of 10 feet, to a total depth of 90 feet. *I* depends on the factors *m* and *n*, where:

$m = B / z$

$n = L / z$

After calculating *m* and *n*, *I* was determined using Table 3.7, "Variation of Influence Value", *Principles of Foundation Engineering, 2nd Ed.* The *I* values for each zone are equivalent since each zone is equal in dimensions.

Next, blow counts for the soil borings completed in the Site 3 landfill were determined from the boring logs (Attachment 1 of *this Report*). The standard penetration number *N* (i.e., blow counts per foot) at each depth interval is the sum of the blow counts at the second 6-inch interval and the third 6-inch interval. The average blow counts/foot for all seven soil borings (N_{av}) was calculated.

The maximum settlement was then calculated for each 10-foot interval, to a depth of 90 feet, as follows:

<u>Total Stress Influence Factor (*I*):</u>

Total *I* was determined for each depth interval by summing the *I* values in Zone I through Zone IV.

<u>Stress:</u>

Stress = $P * I$, where:

P = Contact Stress = γH, where:

γ = density of fill = 130 pcf

H = depth of fill = 13 feet (In order to determine the maximum contact stress, the maximum fill depth of 13 feet is used, which is located at the right centerline of the landfill at Station 0+50)

= 130 pcf * 13 feet = 1690 psf or 1.69 ksf

Elastic Modulus (E_s):

E_S (ton/SF) = $8N$, where E_S = Elastic modulus and N = standard penetration number (see N_{av} above)

E_S (ton/SF) * 2 = E_S (ksf)

Maximum Settlement:

Settlement for each 10 foot layer = Stress / Elastic Modulus * Thickness, where Thickness = 10 feet

TABLE 5-1

DIMENSIONS OF ZONES for Site 3

Zone	*B* (ft)	*L* (ft)
I	90	305
II	90	305
III	90	305
IV	90	305

TABLE 5-2

STRESS INFLUENCE FACTOR *I* for Site 3

Depth (ft)	Zone I			Zones II, III, and IV		
Z	*m*	*n*	*I*	*m*	*n*	*I*
10	9.0	30.5	0.250	**same as Zone I**		
20	4.5	15.3	0.249			
30	3.0	10.2	0.247			
40	2.3	7.6	0.244			
50	1.8	6.1	0.237			
60	1.5	5.1	0.229			
70	1.3	4.4	0.226			
80	1.1	3.8	0.211			
90	1.0	3.4	0.204			

Notes:

$m = B / Z$

$n = L / Z$

To find *I* based on *m* and *n*, see Table 3.7 - Variation of Influence Value, pg. 176, *Principles of Foundation Engineering, 2nd Ed.*

TABLE 5-3

AVERAGE BLOW COUNTS *N* for Site 3

	Blow Counts / Foot *N*						
Depth (ft)	SB03-01 offset 128'	SB03-02 offset 100'	SB03-03 offset 64'	SB03-04 offset 80'	SB03-05 offset 16'	SB03-06 offset 44'	SB03-07 offset 40'
0-2	2	13	7	2	4	7	8
2-4	25	9	22	8	14	14	12
4-6	52	19	35	28	14	27	35
6-8	32	29	40	61	21	52	21
8-10	33	31	23	50	49	78	19
10-12	11	24	11	11	27	56	11
12-14	20	8	15	18	5	9	4
14-16	32	36	31	18	26	32	13
16-18	20	16	13	20	15	18	16
18-20	26	23	16	28	16	28	16
20-22	37	18	32		31	54	23
N_{av}	26	21	22	24	20	34	16
					N_{av} (all soil borings) =		**23**

Notes:
Blow counts were determined from Boring Logs (Attachment 1 this report)
Blow Counts/Foot at each depth is the sum of blow counts at 2nd 6-inch interval and 3rd 6-inch interval.
Offset value is the distance from the soil boring to the right centerline of the landfill.

TABLE 5-4

MAXIMUM SETTLEMENT S_E for Site 3

Depth (ft)	Total *I*	Stress (ksf)	E_s (ksf)	Settlement S_E (ft)
10	0.999	1.6890	375	0.045
20	0.995	1.6821	375	0.045
30	0.986	1.6666	375	0.044
40	0.977	1.6511	375	0.044
50	0.947	1.6002	375	0.043
60	0.917	1.5503	375	0.041
70	0.904	1.5278	375	0.041
80	0.843	1.4243	375	0.038
90	0.815	1.3776	375	0.037
		Total	**0.378**	**feet**
		=	**4.5**	**inches**

Notes:
Total *I* = sum of *I* values in Zone I through Zone IV
Stress = *P* * *I*, where:

P = Contact Stress = γH, where:
γ = density of fill = 130 pcf
H = depth of fill = 13 ft (maximum)
= 130 pcf * 13 ft = 1690 psf or 1.69 ksf

$E_S = 8N$, where E_S = Elastic modulus (ton/SF) and N = standard penetration number (see N_{av} above)
E_S (ksf) = E_S (ton/SF) * 2
Settlement for each 10 foot layer = Stress / Elastic Modulus * Thickness, where Thickness = 10 feet

TABLE 5-5

MINIMUM SETTLEMENT S_E for Site 3

Depth (ft)	Total *I*	Stress (ksf)	E_s (ksf)	Settlement S_E (ft)	
10	0.999	0.3898	375	0.010	
20	0.995	0.3882	375	0.010	
30	0.986	0.3846	375	0.010	
40	0.977	0.3810	375	0.010	
50	0.947	0.3693	375	0.010	
60	0.917	0.3578	375	0.010	
70	0.904	0.3526	375	0.009	
80	0.843	0.3287	375	0.009	
90	0.815	0.3179	375	0.008	
			Total	**0.087**	**feet**
			=	**1.0**	**inches**

Notes:
Total *I* = sum of *I* values in Zone I through Zone IV
Stress = *P* * *I*, where:

P = Contact Stress = γH, where:
γ = density of fill = 130 pcf
H = depth of fill = 3 ft (minimum)
= 130 pcf * 3 ft = 390 psf or 0.39 ksf

E_S (ksf) = E_S (ton/SF) * 2

Estimated Maximum S_E: **4.5 inches**
Estimated Minimum S_E: **1.0 inches**
Estimated Differential S_E: **3.5 inches**

Since the Site 3 landfill contains buried waste, it was necessary to calculate the consolidation settlement and secondary compression settlement, which occur over time. The consolidation settlement (S_C) was determined as follows:

$S_C = H * C_r * \log [(P_0 + DP)/P_0]$

Where:

$\Delta P = \gamma_s D$

$P_0 = \gamma_w * H/2 + \gamma_{EC} * L$

The variables are defined in the following calculations.

The secondary compression settlement (S_S) was determined as follows:

$S_S = H [C_a/(1 + e_0)] \log (t_2/t_1)$

The variables are defined in the following calculations.

Next, the maximum and minimum Total Settlement (S_T) values were calculated. The maximum S_T is the sum of the maximum elastic settlement, the consolidation settlement, and the secondary compression settlement, as shown below:

S_T (maximum) = $S_E + S_C + S_S$

The minimum S_T is equal to the maximum elastic settlement (S_E). The minimum S_T occurs at locations with no buried waste material and, therefore, no consolidation settlement or secondary compression settlement.

S_T (minimum) = S_E

Finally, the differential S_T was determined by calculating the difference between the maximum and minimum S_T.

CONSOLIDATION SETTLEMENT S_C

$S_C = H\, C_r \log [(P_0 + \Delta P)/P_0]$	=	0.346	feet	*Zamiskie, 1994*
	=	4.2	inches	
$\Delta P = \gamma_s D$	=	1690	psf	
$P_0 = \gamma_w * H/2 + \gamma_{EC} * L$	=	609	psf	

<u>Definitions:</u>

S_C = Consolidation settlement
P_0 = Initial effective stress at mid-depth of the waste
ΔP = Stress increase due to fill placement

C_r = Compression Ratio	=	0.1		*U.S. Department of the Navy, 1982*
D = thickness of cover soil	=	13	feet	
L = thickness of existing cover	=	3	feet	
H = thickness of waste	=	6	feet	(maximum)
γ_s = density of cover soil	=	130	pcf	
γ_{EC} = density of existing cover	=	130	pcf	
γ_w = density of waste	=	73	pcf	

SECONDARY COMPRESSION SETTLEMENT S_S

$S_S = H\,[C_\alpha/(1 + e_0)]\,\log\,(t_2/t_1)$ = 0.089 feet
= 1.1 inches

Definitions:

S_S = Secondary settlement

H = thickness of waste	=	6	feet	(maximum)
C_α = Secondary Compression Index	=	0.020		*U.S. Department of the Navy, 1982*
e_0	=	1		
t_1 = starting time	=	1	year	
t_2 = ending time	=	30	years	

TOTAL SETTLEMENT S_T

Maximum S_T (at location with maximum waste thickness and maximum elastic settlement):

$S_T = S_E + S_C + S_S$
= 4.5 + 4.2 + 1.1 = 9.8 inches

Minimum S_T (at locations with no waste material and minimum elastic settlement):

$S_T = S_E$ = 1.0 inches

Differential S_T

= 9.8 - 1.0 = 8.7 inches

References

U.S. Department of the Navy (1982), "Soil Mechanics Design Manual 7", Naval Facilities Engineering Command, Alexandria, Virginia.

Zamiskie, et al. (1994), *Settlement Evaluation for Cap Closure Performance,* ASCE Special Publication No. 40, pp. 462-475, New York.

The results obtained from the settlement calculation are conservative.

5.2.2 Waste Delineation

A total of 77 geoprobe borings were completed at Site 3. These boring activities were conducted from June 4, 2001 through June 13, 2001 at the locations shown on the Contract Drawings. Each boring was driven to the required depth and the soil characteristics and geotechnical information from each boring sample were recorded on the boring logs as shown in Attachment # 2.

The results of the geoprobe and hand augered borings determined that the boundary of the landfill was somewhat different than was originally estimated by Tetra Tech NUS, Inc. The boundary of waste was actually smaller than anticipated in the Record of Decision (ROD). The approximate size of the Site 3

landfill was determined to be 4.88 acres based on the geoprobe information. The boundary of the landfill is shown on the Contract Drawings.

5.2.3 Wetlands Delineation

On June 6, 2001, an on-site inspection of Sites 3 at NWS Earle was conducted by FWENC to confirm the presence or absence of wetlands within the site limits. The following information summarizes site conditions for Site 3 during the time of the site inspection. Data forms for the on-site wetlands determination are included in Attachment # 3.

Site 3 was primarily a wooded area with an open area in the center. Dominant vegetation throughout much of the site included pitch pine (*Pinus rigida*), various oak species (*Quercus* spp.), black cherry (*Prunus serotina*), and black huckleberry (*Gaylussacia baccata*). The open area near the center of the site consisted primarily of sweet fern (*Comptonia peregrina*), and switchgrass (*Panicum virgatum*). From this list of dominants, no portion of the site was determined to contain hydrophytic (wetland) vegetation.

Soils within the Site consisted of sandy fill material deposited during previous landfill operations and subsequent closure. Soil colors observed typically consisted of a dark grayish brown (10YR4/2) sandy surface layer two inches thick over a yellowish brown (2.5Y5/4) sand. Based on this information, soils within Site 3 were determined to be non-hydric.

No evidence of standing water, soil saturation, or secondary indicators of wetland hydrology was observed anywhere within the Site, and, therefore, wetland hydrology was determined to not be present.

Based on the on-site observations described above, all of Site 3 was determined to be non-wetland.

5.2.4 Topographic Survey

A topographic survey was performed at Site 3 from June 4, 2001 through June 15, 2001 to map the existing site topography and provide a basis for cut/fill calculations for the cap installation. The topographic survey of Site 3 is included in the Contract Drawings.

5.3 PRE-DESIGN INVESTIGATION – SITE 10

5.3.1 Geotechnical Investigation

The geotechnical investigation was performed at Site 10 from June 4, 2001 through June 13, 2001 and included the completion of three (3) geotechnical borings at the locations indicated on the Contract Drawings.

5.3.1.1 Soil Borings

A total of three (3) geotechnical soil borings were completed at Site 10. These borings were drilled using hollow stem auger techniques. The soil boring activities were conducted from June 4, 2001 through June 13, 2001 by B & B Drilling.

Each split-spoon sampler was driven to the required depth with a rig-mounted hammer weighing 140 pounds falling 30 inches. Soil characteristics and geotechnical information from each split-spoon sample were recorded on the boring logs.

Upon completion of each boring, the individual borings were backfilled with the drill cuttings and bentonite grout through the center of the augers with a tremmie tube. Each boring was grouted from the bottom of the boring to the ground surface.

Boring logs for the three (3) geotechnical borings are included in Attachment # 4. All three (3) geotechnical borings were completed inside the landfill at Site 10.

5.3.1.2 Settlement Determination

The three (3) soil borings were conducted using the Standard Penetration Test Method (ASTM D-1586) as the borings were advanced. As each split-spoon sample was collected, the soil was visually classified and inspected. The soil boring locations are shown on the Contract Drawings. Additionally, the standard penetration number (N) was recorded in the field log. The information obtained during the drilling activities are presented on the boring logs. Using the standard penetration number, the settlement analysis was determined as follows:

For the Site 10 landfill, which does not have a ditch along the centerline, the maximum settlement was calculated by considering the <u>entire</u> landfill area, divided into 4 equal zones. All other calculations were performed similar to those for Site 3.

To calculate the minimum settlement, Boussinesq's formula for stresses under the corner of a rectangular area was again utilized to determine the stress profile; however, the minimum fill thickness was used in calculating the stress. The minimum fill thickness occurs at the edges of the landfills. The same sequence of calculations was performed as for the maximum settlement.

TABLE 5-6

DIMENSIONS OF ZONES for Site 10

Zone	*B* (ft)	*L* (ft)
I	90	240
II	90	240
III	90	240
IV	90	240

TABLE 5-7

STRESS INFLUENCE FACTOR *I* for Site 10

Depth (ft)	Zone I			Zones II, III, and IV		
Z	*m*	*n*	*I*	*m*	*n*	*I*
10	9.0	24.0	0.250	**same as Zone I**		
20	4.5	12.0	0.249			
30	3.0	8.0	0.246			
40	2.3	6.0	0.242			
50	1.8	4.8	0.237			
60	1.5	4.0	0.229			
70	1.3	3.4	0.221			
80	1.1	3.0	0.210			
90	1.0	2.7	0.203			

Notes:
$m = B / Z$
$n = L / Z$
To find *I* based on *m* and *n*, see Table 3.7 - Variation of Influence Value, pg. 176, *Principles of Foundation Engineering, 2nd Ed.*

TABLE 5-8

AVERAGE BLOW COUNTS *N* for Site 10

	Blow Counts / Foot *N*		
Depth (ft)	SB10-01	SB10-02	SB10-03 offset 50'
0-2	16	18	17
2-4	26	13	25
4-6	33	23	13
6-8	16	13	11
8-10	9	14	7
10-12	6	12	5
12-14	11	10	6
14-16	14	12	12
16-18	17	8	12
18-20	29	15	16
20-22	8	22	28

N_{av}	17	15	14
	N_{av} (all soil borings) =		**15**

Notes:
Blow counts were determined from Boring Logs (Attachment 4 of this report)
Blow Counts/Foot at each depth is the sum of blow counts at 2nd 6-inch interval and 3rd 6-inch interval.
Offset value is the distance from the soil boring to the centerline of the landfill, if soil boring does not coincide with centerline.

TABLE 5-9

MAXIMUM SETTLEMENT S_E for Site 10

Depth (ft)	Total I	Stress (ksf)	E_s (ksf)	Settlement S_E (ft)	
10	0.999	0.9095	241	0.038	
20	0.995	0.9057	241	0.038	
30	0.986	0.8971	241	0.037	
40	0.968	0.8806	241	0.037	
50	0.946	0.8611	241	0.036	
60	0.916	0.8336	241	0.035	
70	0.883	0.8032	241	0.033	
80	0.839	0.7639	241	0.032	
90	0.812	0.7385	241	0.031	
			Total	**0.315**	**feet**
			=	**3.8**	**inches**

Notes:
Total I = sum of I values in Zone I through Zone IV
Stress = $P * I$, where:

P = Contact Stress = γH, where:

γ = density of fill = 130 pcf

H = depth of fill = 7 ft (maximum)

= 130 pcf * 7 ft = 910 psf or 0.91 ksf

$E_S = 8N$, where E_S (ton/SF) = Elastic modulus and N = standard penetration number (see N_{av} above)

E_S (ksf) = E_S (ton/SF) * 2

Settlement for each 10-ft layer = Stress / Elastic Modulus * Thickness, where Thickness = 10 ft

TABLE 5-10

MINIMUM SETTLEMENT S_E for Site 10

Depth (ft)	Total I	Stress (ksf)	E_s (ksf)	Settlement S_E (ft)	
10	0.999	0.4597	241	0.019	
20	0.995	0.4578	241	0.019	
30	0.986	0.4535	241	0.019	
40	0.968	0.4451	241	0.018	
50	0.946	0.4353	241	0.018	
60	0.916	0.4214	241	0.017	
70	0.883	0.4060	241	0.017	
80	0.839	0.3862	241	0.016	
90	0.812	0.3733	241	0.015	
			Total	**0.159**	**feet**
			=	**1.9**	**inches**

Notes:
Total I = sum of I values in Zone I through Zone IV
Stress = $P * I$, where:

P = Contact Stress = γH, where:
γ = density of fill = 130 pcf
H = depth of fill = 3.5 ft (minimum)
= 130 pcf * 3.5 ft = 455 psf or 0.46 ksf

$E_S = 8N$, where E_S (ton/SF) = Elastic modulus and N = standard penetration number (see N_{av} above)
E_S (ksf) = E_S (ton/SF) * 2
Settlement for each 10-ft layer = Stress / Elastic Modulus * Thickness, where Thickness = 10 ft

Estimated Maximum S_E:	**3.8 inches**
Estimated Minimum S_E:	**1.9 inches**
Estimated Differential S_E:	**1.9 inches**

The results obtained from the settlement calculation are conservative.

5.3.2 Waste Delineation

A total of 26 geoprobe borings were completed at Site 10. These boring activities were conducted from June 4, 2001 through June 13, 2001 at the locations shown on the Contract Drawings. Each boring was driven to the required depth and the soil characteristics and geotechnical information from each boring sample were recorded on the boring logs as shown in Attachment # 5.

The results of the geoprobe and hand augered borings determined that the boundary of the landfill was somewhat different than was originally estimated. The boundary of waste was actually larger than anticipated in the Record of Decision (ROD). The approximate size of the Site 10 landfill was determined to be two (2) acres based on the geoprobe information. The boundary of the landfill is shown on the Contract Drawings.

5.3.3 Wetlands Delineation

On June 6, 2001, an on-site inspection of Site 10 at NWS Earle was conducted by FWENC to confirm the presence or absence of wetlands within the site limits. The following information summarizes site conditions for Site 10 during the time of the site inspection. Data forms for the on-site wetlands determination are included in Attachment # 3.

Field conditions at Site 10 closely resembled those described for Site 3, consisting of a forested area over sandy fill material. Vegetation consisted primarily of pitch pine, oak species, black cherry saplings, and black huckleberry, and was determined to not be hydrophytic. Soils within Site 10 consisted of a grayish brown sandy surface layer over yellowish brown sand and were determined to be non-hydric. No evidence of wetland hydrology was observed within the Site limits. Therefore, as with Site 3, the entirety of Site 10 was determined to be non-wetland.

5.3.4 Topographic Survey

A topographic survey was performed at Site 10 from June 4, 2001 through June 15, 2001 to map the existing site topography and provide a basis for cut/fill calculations for the cap installation. The topographic survey of Site 10 is included in the Contract Drawings.

5.3.5 HELP Model

The following summarizes the input selections and output for the HELP Model 3.07 for the Earle, NJ Landfill Project at the Naval Weapons Station.

INFORMATION PROVIDED

The information supplied consisted of Final Grading Plan, and Cover System Details Drawings, and a drainage landfill area of 2.5 acres. The Grading Plan shows a final grade of approximately 5 percent with a 100-foot slope from the peak to the edge of the landfill area. The cross-section of the cap, from the top down, includes a 6-inch topsoil layer, 12-inch cover soil layer, 8 ounce geotextile separation fabric, 12-inch sand drainage layer, a 60-mil HDPE geomembrane, 12-inch layer of poorly graded sand and gravel for gas management, and the landfill waste material layer.

INFORMATION REQUIRED

The required output was to determine the maximum water elevation (head) on top of the geomembrane layer (layer 4).

INPUT PARAMETERS

The precipitation information entered into the model was for a 25 year period and was entered using the Edison and Newark data files. These data files were used due to their proximity to the Naval Weapons Station.

The Evapotranspiration Data was also for the Edison area. The Evaporative Zone Depth used was 20 inches and was a default value for the area. The Leaf Area Index (LAI) used was 2, which is indicative of a fair stand of grass cover.

The soil layers were identified and entered into the model, but there was difficulty getting the model to generate output when the cross section was stopped at the geomembrane layer where the head information was needed. Following the landfill features figure in the HELP User's Guide (Figure 1) and the soils and geosynthetic characteristics (Table 4) the soil layers (top to bottom) were then identified as follows:

1. Layer Type 1, Vertical percolation layer, 6 inches, soil texture 9 (ML)
2. Layer Type 3, Barrier Soil Layer, 12 inches, soil texture 27 (SC)
3. Layer Type 2, Vertical percolation layer, 12 inches, soil texture 1 (SP)
4. Layer Type 4, Geomembrane, 60 mil HDPE, soil texture 35 (HDPE)
5. Layer Type 2, Vertical percolation layer, 12 inches, soil texture 2 (SW)
6. Layer Type 2, Vertical percolation layer, assumed depth of 120 inches, soil texture 18, Municipal Waste
7. Layer Type 3, Barrier soil layer, assumed depth of 600 inches, soil texture 27 (SC)

For the geomembrane layer the following assumptions were made:

1. The pinhole density was assumed to be 1 per acre because this was the upper limit given as typical for manufacturing defects.
2. The installation defects were assumed to be 4 per acre which is the best value of fair installation or the worst value of the good installation.
3. The placement quality was assumed to be a 3 for good field installation with well prepared, smooth soil surface and wrinkle control.

The HELP Model was used to compute a Runoff Curve Number (CN) of 88.3 with a cross slope of 5 percent and a slope length of 100 feet for vegetation type 2 and soil texture 9.

The Model was run to produce a daily, monthly and yearly output for each of the 25 years. The summaries for each year, including the head and inflow to each layer are listed at the beginning of the daily precipitation and runoff data for each year and are included in Attachment 7.

OUTPUT SUMMARY

The maximum head on the geomembrane is 2.155 inches, the average maximum yearly head is 1.19 inches and the average daily head is 0.447 inches. Therefore, the sand drainage layer thickness is adequate.

6. DESIGN REQUIREMENTS

6.1 APPROACH

The description for each site closure is included in the Technical Specifications, Section 1010.

6.2 FINAL COVER SYSTEM DESIGN – SITE 3

The cap system for the Site 3 landfill as described in the ROD will include the following components in ascending order:

- Placement and compaction of 30 inches of cover soil material; and
- Placement of 6 inches of top soil to support final seeding and vegetation.

6.2.1 Demolition of Existing Structures

Prior to the landfill cap installation, two existing small wooden structures located on-site will be demolished. Refer to the Contract Drawings for structure locations and Technical Specifications.

6.2.2 Landfill Subgrade Preparation/Excavation

The landfill subgrade will be prepared prior to the cap installation. Additionally, the placement and compaction of fill subgrade materials within the limits of the existing landfill material will be performed to achieve the subgrade elevation as shown on the Contract Drawings. The cut and fill calculation for the subgrade is as follows:

The calculations to determine the cut and fill volumes for the Site 3 landfill were completed with the aide of AutoCAD. Using the Grading Cross Sections and the Final Grading Plan as shown on the Contract Drawings for Site 3. The cross-sectional areas were calculated for each of the previously assigned stations, 0+00 through 5+50, of the landfill. On these cross-sections the areas of cut and fill are denoted as the areas between the existing grade and the subgrade. Fill areas were shown as the subgrade being located at a higher elevation than the existing grade and cut areas were shown as the subgrade being at a lower elevation than the existing grade.

The cross-sectional areas for the cut and fill sections of the landfill were determined using the AutoCAD LT 2000 polygon area calculation feature. The areas determined by AutoCAD were divided by 20 to obtain results in square feet (SF) and to account for the different horizontal and vertical scales of the figures.

The corrected cross-sectional areas were then multiplied by 50 feet, the distance between each station, as shown on the Contract Drawings, to obtain the cut and fill volumes. However, for Station 5+50, 75 feet was used as the thickness instead of 50 feet, to include the volume between the station cross section line and the southern edge of the landfill.

TABLE 6-1

SITE 3 LANDFILL CUT AND FILL VOLUMES

Station		Area calculated by AutoCAD [1]	Corrected Area [2] (AutoCAD area / 20) ft^2	Fill or Cut Volume [3] (Corrected Area * 50)			
Station 0+00	**FILL**	20,864	1,043	52,161	CF or	**1,932**	**CY**
Station 0+50	**FILL**	39,256	1,963	98,140	CF or	**3,635**	**CY**
Station 1+00	**FILL**	48,060	2,403	120,150	CF or	**4,450**	**CY**
Station 1+50	**FILL**	44,618	2,231	111,545	CF or	**4,131**	**CY**
Station 2+00	**FILL**	38,517	1,926	96,293	CF or	**3,566**	**CY**
Station 2+50	**FILL**	31,588	1,579	78,970	CF or	**2,925**	**CY**
Station 3+00	**FILL**	25,099	1,255	62,747	CF or	**2,324**	**CY**
Station 3+50	**FILL**	16,711	836	41,779	CF or	**1,547**	**CY**
	CUT	340	17	851	CF or	**32**	**CY**
Station 4+00	**FILL**	11,801	590	29,502	CF or	**1,093**	**CY**
	CUT	1,752	88	4,381	CF or	**162**	**CY**
Station 4+50	**FILL**	12,483	624	31,207	CF or	**1,156**	**CY**
	CUT	5,145	257	12,862	CF or	**476**	**CY**
Station 5+00	**FILL**	12,267	613	30,667	CF or	**1,136**	**CY**
	CUT	1,652	83	4,130	CF or	**153**	**CY**
Station 5+50	**FILL**	8,333	417	31,250	CF or	**1,157**	**CY**
	CUT	2,396	120	8,986	CF or	**333**	**CY**

Total Fill Volume (cy) = 29,052

Total Cut Volume (cy) = 1.156

Net Fill Volume (cy) = 27,896

Notes: [1] The cut and fill areas are the areas between the existing grade and the proposed subgrade, including the areas outside the landfill edge. Areas were determined using the AutoCAD LT 2000 polygon area calculation feature.

[2] Areas calculated by AutoCAD were divided by 20 to account for the horizontal and vertical scales of the figures and the obtain the results in square feet.

[3] The areas at each station were multiplied by a "thickness" of 50 feet to obtain the cut and fill volumes, based on the distance of 50 feet between each station. However, for Station 5+50, 75 feet was used as the "thickness" instead of 50 feet, to include the volume south of the station cross section line.

The cut and fill volumes for the ditches on Site 3 were determined through hand calculations. Using the Grading Cross-Sections and the Final Grading Plan as shown on the Contract Drawings for Site 3. The cross-sectional areas were calculated for each of the previously assigned stations, 0+00 through 5+50, of the landfill. On these cross-sections the areas of cut and fill are denoted as the areas between the existing grade and the subgrade. Fill areas were shown as the subgrade being located at a higher elevation than the existing grade and cut areas were shown as the subgrade being at a lower elevation than the existing grade.

Once the cut and fill areas were identified, the areas were broken down into simple shapes, such as squares and triangles. The areas of the shapes were determined and summed together to ascertain the cross-sectional area of the cut or fill (See Table 6-2).

The volumes of the cut and fill between stations were then determined by averaging the total cut or fill areas at the stations and multiplying the cross-sectional areas by the distance between the two station.

TABLE 6-2

SITE 3 DITCHES CUT AND FILL VOLUMES

Station	West Ditch Fill Area ft^2 (1)	West Ditch Cut Area ft^2 (1)	Central Ditch Fill Area ft^2 (1)	Central Ditch Cut Area ft^2 (1)	East Ditch Fill Area ft^2 (1)	East Ditch Cut Area ft^2 (1)	Volume of Fill [2] cy	Volume To Be Cut [2] Cy
Station 0+00 - Station 0+00 (across top)	115.78	0	N/A	N/A	N/A	N/A	2,187.03	0
Station 0+00 - Station 0+50	164.99	0	0	8.44	66.06	0	684.61	15.62
Station 0+50 - Station 1+00	87.57	0	0	7.98	68.14	0	435.77	14.78
Station 1+00 - Station 1+50	35.96	0	0	7.98	50.69	0	182.35	14.78

TABLE 6-2 (Continued)

SITE 3 DITCHES CUT AND FILL VOLUMES

Station	West Ditch Fill Area ft^2 (1)	West Ditch Cut Area ft^2 (1)	Central Ditch Fill Area ft^2 (1)	Central Ditch Cut Area ft^2 (1)	East Ditch Fill Area ft^2 (1)	East Ditch Cut Area ft^2 (1)	Volume of Fill [2] cy	Volume To Be Cut [2] Cy
Station 1+50 - Station 2+00	65.43	0	0	7.98	27.43	0	345.58	14.78
Station 2+00 - Station 2+50	53.15	0	0	7.98	8.35	2.05	131.17	19.17
Station 2+50 - Station 3+00	33.73	0	0	7.98	0	9.62	64.23	33.09
Station 3+00 - Station 3+50	12.42	0.15	0	7.49	8.44	6.97	41.28	27.94
Station 3+50 - Station 4+00	1.53	2.65	0	8.26	0	21.72	6.46	37.14
Station 4+00 - Station 4+50	71.05	0.06	0	9.53	0.35	21.72	134.91	58.79
Station 4+50 - Station 5+00	67.56	0.49	0	11.11	3.87	21.23	199.37	81.19
Station 5+00 - Station 5+50	0	5.30	0	11.91	11.01	4.64	24.46	44.15
Station 5+50 – Central Ditch (across bottom)	N/A	N/A	N/A	N/A	36.00	7.80	293.33	63.46

Total Fill Volume (cy) = 4,730.55

Total Cut Volume (cy) = 424.89

Net Fill Volume (cy) = 4,305.66

Notes: [1] The cut and fill area are shown on Drawing Numbers C-10 through C-15 as the area between the existing grade and the proposed subgrade. These areas were calculated by hand and averaged.

[2] The cut and fill volumes were determined by multiplying the average cross-sectional areas by the distance between each station.

For Site 3, the total volume of fill was determined to be 29,052 cubic yards (cy) and the total volume to be cut was determined to be 1,156 cy. The volume of cut was subtracted from the volume of fill to determine the net volume of fill that will be required to be brought to the site. The net volume of fill for Site 3 is 27,896 cy. This value indicates that approximately 27,896 cy of fill will be required to complete capping activities. Table 6-1 presents cross-sectional areas and volumes calculated for Site 3 cut and fill.

6.2.3 Installation of the 3-Foot Soil Cover Cap

Components of the installation of the 3-foot soil cover cap in ascending order consist of placement and compaction of 30 inches of cover soil material and the placement of 6 inches of top soil to support final seeding and vegetation. The installation of the cap will be performed according to the Contract Drawings and Technical Specifications. The final top soil layer will be graded to promote proper run-off, to prevent run-on, and to accommodate settling. The state sanitary landfill regulations require that, after allowing for settlement, the top surface of a landfill cap be between 3 percent and 5 percent. To be conservative, a minimum slope of 5 percent slope was used in the design. Side slopes will be constructed to a 3 to 1 (3 horizontal to 1 vertical) slope. The proposed design promotes the run-off of precipitation.

6.2.4 Storm Water Management Measures (Reinforced Concrete Pipes, Headwalls, and Drainage Ditches)

The cap at Site 3 will have proper storm water drainage. The components of the storm drainage system are included in the Soil Erosion and Sediment Control Plan.

All storm water management measures implemented will be performed according to the Contract Drawings and Technical Specifications.

6.2.5 Monitoring Wells

A monitoring well modification will be performed to the existing monitoring wells prior to the cap installation. The monitoring well modification consists of extending the existing wells to 3 feet above finished grade. The monitoring well modification must be performed according to the Contract Drawings and Technical Specifications. Monitoring wells outside the cap boundaries will remain in their present configuration and will not be modified. In addition, three new monitoring wells will be installed outside the landfill boundary.

6.2.6 Seeding

As a final component to the landfill cap, seeding must be completed as follows:

- Scarifying the seedbed;
- Furnishing and placing pulverized agricultural limestone, commercial fertilizer, seed, and mulching; and
- Maintaining seeded areas.

All Seeding must be in compliance with the Contract Drawings and Technical Specifications.

6.3 FINAL COVER SYSTEM DESIGN – SITE 10

The cap system for the Site 10 landfill as described in the ROD includes the following components in ascending order:

- Placement of 12-inch gas management sand layer;
- Installation of 60-mil HDPE geomembrane liner on the plateau and side-slopes of the cover system;
- Placement of a 12-inch sand drainage layer;
- Placement of 8-ounce geotextile fabric between the drainage layer and the cover soil material;
- Placement and compaction of 12 inches of cover soil material; and
- Placement of 6 inches of top soil to support final seeding and vegetation.

6.3.1 Landfill Subgrade Preparation/Excavation

The landfill subgrade will be prepared prior to the cap installation. Additionally, the placement and compaction of subgrade materials within the limits of the existing landfill material will be performed to achieve the subgrade elevation as shown on the Contract Drawings and Technical Specifications. The cut and fill calculation for the subgrade is as follows:

The cut and fill volumes for Site 10 were determined through hand calculations. Using the Grading Cross-Sections and the Final Grading Plan as shown on the Contract Drawings for Site 10. The cross-sectional areas were calculated for each of the previously assigned stations, 0+00 through 4+00, of the landfill. On these cross-sections the areas of cut and fill are denoted as the areas between the existing grade and the subgrade. Fill areas were shown as the subgrade being located at a higher elevation than the existing grade and cut areas were shown as the subgrade being at a lower elevation than the existing grade.

Once the cut and fill areas were identified, the areas were broken down into simple shapes, such as squares and triangles. The areas of the shapes were determined and summed together to ascertain the cross-sectional area of the cut or fill (See Table 6-3).

The volumes of the cut and fill were then determined by multiplying the cross-sectional areas by 50 feet, the distance between each station. For Site 10, the total volume of fill was determined to be 1,121 cubic yards (cy) and the total volume to be cut was determined to be 1,654 cy. The volume of cut was subtracted from the volume of fill to determine the net volume of fill that will be required to be brought to

the site. The net volume of fill for Site 10 is -533 cy. This negative value indicates that an excess of 533 cy of fill will remain once the capping activities have been completed. Table 2 presents cross-sectional areas and volumes calculated for Site 10 cut and fill.

TABLE 6-3

SITE 10 CUT AND FILL VOLUMES

Station	Fill Area[1] ft^2	Cut Area [1] ft^2	Volume of Fill [2] cy	Volume To Be Cut [2] cy
Station 0+00	91.33	27.19	169	50
Station 0+50	130.78	20.00	242	37
Station 1+00	126.33	16.88	234	31
Station 1+50	68.28	59.53	126	110
Station 2+00	35.66	95.94	66	178
Station 2+50	69.92	121.56	129	225
Station 3+00	47.19	147.03	87	272
Station 3+50	21.25	221.41	39	410
Station 4+00	14.53	183.44	27	340

Total Fill Volume (cy) = 1,121

Total Cut Volume (cy) = 1.654

Net Fill Volume (cy) = -533

Notes: [1] The cut and fill area are shown on Drawing Numbers C-15 and C-16 as the area between the existing grade and the proposed subgrade. These areas were calculated by hand.

[2] The cut and fill volumes were determined by multiplying the cross-sectional areas by 50 feet, the distance between each station.

6.3.2 Gas Management Layer

The gas management layer of the landfill cap at Site 10 will be installed according to the Contract Drawings and Technical Specifications. The landfill gas management layer will serve as a gas management layer to collect gasses which may be generated by the landfill and to direct the landfill gases to passive gas vents.

6.3.3 Geomembrane

A 60-mil HDPE liner will be installed at Site 10 in locations as shown on the Contract Drawings.

6.3.4 Sand Drainage Layer

The sand drainage layer will be installed according to the Contract Drawings and Technical Specifications. The function of the drainage layer is to reduce the head, which will develop on the geomembrane due to water infiltrating into the cap system. The New Jersey regulations require a 12-inch thick drainage layer above a geomembrane in a landfill cap. Based on the New Jersey sanitary landfill regulations, the sand drainage layer must achieve a permeability higher or equal to 1×10^{-3} cm/sec.

6.3.5 Geotextile Fabric

An 8 ounce geotextile fabric will be installed over the drainage sand material. The geotextile fabric will be installed in locations as shown on the Contract Drawings.

6.3.6 Cover Soil Layer

Cover soil will be installed over the 8 ounce geotextile fabric in locations as shown on the Contract Drawings.

6.3.7 Top Soil Layer

The topsoil layer of the landfill cap will be furnished and constructed in accordance with the Contract Drawings and Technical Specifications. The 6-inch layer of top soil will be placed on top of the cover soil layer to support final seeding and vegetation. The final top soil layer is required to have grading that promotes proper run-off, to prevent run-on, and to accommodate settling. The state sanitary landfill regulations require that, after allowing for settlement, the top surface of a landfill cap be between 3 percent and 5 percent. To be conservative, a minimum slope of 5 percent was used in the design. Side slopes will be constructed to a 3 to 1 (3 horizontal to 1 vertical) slope, except on the east side of the landfill because of the close proximity of the railroad tracks to the site. These slopes will vary with location as shown on the Contract Drawings. The proposed design promotes the run-off of precipitation.

6.3.8 Gas Management Piping

The components of the gas management piping construction include the placement of the gas management piping system for the final cover system. The gas management piping will be furnished and installed according to the Contract Drawings and Technical Specifications.

6.3.9 Storm Water Management Measures (Reinforced Concrete Pipes, Headwalls, and Drainage Ditches)

The cap at Site 10 will have proper storm water drainage. The components of the storm drainage system construction are included in the Soil Erosion and Sediment Control Plan.

All storm water management measures implemented must be performed according to the Contract Drawings and Technical Specifications.

6.3.10 Monitoring Wells

A monitoring well modification will be performed to the existing monitoring wells prior to the cap installation. The monitoring well modification consists of extending the existing wells to 3 feet above finished grade. The monitoring well modification will be performed according to the Contract Drawings and Technical Specifications. Monitoring wells outside the cap boundaries will remain in their present configuration and will not be modified.

6.3.11 Seeding

As a final component to the landfill cap, Seeding will be completed as follows:

- Scarifying the seedbed.
- Furnishing and placing pulverized agricultural limestone, commercial fertilizer, seed, and mulching.
- Maintaining seeded areas.
- All Seeding must be in compliance with the Contract Drawings and Technical Specifications.

6.4 OTHER DESIGN REQUIREMENTS

6.4.1 Groundwater Monitoring Wells

Existing monitoring wells at Sites 3 and 10 will remain as groundwater monitoring wells and will be used as part of the long-term periodic monitoring of each site. Installation of 4 additional groundwater monitoring wells is planned. The wells will be installed as shown on the Contract Drawings. The wells will be installed on Site 3 as shown on the Contract Drawings.

6.4.2 Maintenance and Repair

There should be very little maintenance required for these landfill caps, which will be considered permanent. If unforeseen events damage the cap components, the damaged area would be uncovered and the damaged geosynthetics removed and replaced, as necessary. However, the thickness of this

cap is expected to be sufficient to prevent such an occurrence. It is anticipated that the landfill caps will require mowing once a year.

6.4.3 Ordnance Materials

During the geophysical investigation, ordnance materials were encountered. All ordnance materials appeared to be shell casings, shipping containers, and other components. No unexploded ordnance (UXO) materials were encountered.

Foster Wheeler Environmental UXO personnel will be available during intrusive activities in the areas where ordnance materials were encountered. If ordnance-type materials are encountered, UXO personnel will inspect the materials and will determine the proper method for disposal.

6.4.4 Dust Control

Dust generated during earth moving activities will be controlled using dust suppression techniques. Dust suppression methods will be approved by the Contracting Officer. In general, clean water will be used for dust suppression. Special precautions will be taken to monitor dust emissions and implement dust control measures during the initial limited activities involving the disturbance of the existing site soils.

6.4.5 Site Access Road

A site access road will be constructed at Site 10 and Site 3 in order to gain construction access during the landfill cap installations. The site access roads will be constructed in accordance with the Contract Drawings and Technical Specifications.

6.5 TECHNICAL SPECIFICATIONS AND CONTRACT DRAWINGS

All Technical Specifications and Contract Drawings have been prepared for this project and are submitted as Volume II under this Design Report.

6.6 PROJECT CONSTRUCTION QUALITY CONTROL PLAN (CQC PLAN)

A CQC Plan has been prepared for this project and is included in Attachment # 6.

6.7 REFERENCES

"Final Design Submission Remedial Action at Operable Unit 1 (Sites 4 and 5)" Volume I of III. Prepared by Brown & Root Environmental. Dated November 1997

"Proposed Plan for Sites 3 and 10 (OU-6)" Prepared by Tetra Tech NUS, Inc. Dated May 2001

""Record of Decision Operable Unit 6 (OU-6)" Prepared by Tetra Tech NUS, Inc. Dated July 2001

"Standards for Soil Erosion and Sediment Control in New Jersey" Promulgated by The NJ State Conservation Committee. Dated July 1999

ATTACHMENT #1

Geotechnical Soil Boring Logs – Site 3

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location: Earle MWS Site 3	Elevation: 121.85'
Well Id: SB03-01	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/12/01 - 06/12/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 591521.45	Screens: type: size: dia: fm: to:
Y Coordinate: 511028.52	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	1 1 1 1	50	GRY BRN	SM		0-2' Medium Brown Sand and Gray Fill		
2	4 11 14 17	50	ORG-BRN	SP		2-4': Medium or BrownFine to Wet Sand w/Silt Gravel		120
4	18 24 28 25	79				4-6' Same as Above, Silt Coarse Grading w/Grading of Depth Very Dense Packed		
6	14 16 16 14	75		SM		6-6.5' Same as Above 6.5-8' Brown and Gray Silty, Fine Sand, Moist @6.5		115
8	14 17 16 16	96				8-10' Same as Above, Wet@8.0' Some Gravel @8', 10-12' Same as Above		

Location: Earle MWS Site 3

Well Id: SB03-01

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	12 6 5 7	96				12-14' Same as Above, Interbedded Sand and Clay @12'-13'. Approximate 2-3" Thick		
12	11 13 7 15	100						110
14	17 17 15 15	100				14-16' Same as Above		
16	6 9 11 15	100				16-18' Same as Above		105
18	11 12 14 16	100				18-19' Same as Above		
						19-19.5' Same w/Many Clay		
			DAK-GRY+	CH		19.5-20' Dark Gray Brown Silty Clay		
20	12 15 22 23	100	ORG-GRY	SM		20-21' Dark Gray Brown Silty Clay		
			DAK-GRY	CH		21-22' Dark Gray w/Some Orange Silty Clay		
22								100
24								

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location: Earle MWS Site 3	Elevation: 122.20'
Well Id: SB03-02	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/11/01 - 06/11/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 591532.88	Screens: type: size: dia: fm: to:
Y Coordinate: 510831.45	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	3 7 6 6	75	MED-YEL+ BRN	SM		0-6" Top Soil, Leaf Debris		
						6"-2': Medium Yellow Brown/ Silt and Gravel		
2	3 5 4 3	33				2-3' Same as Above		120
				FI		0		
						3-4' Trash Glass, Wood. Black Sand		
4	3 4 15 50	8						
						4'-6' Wood, Plastic and Metal Refusal @5.5'		
6	44 15 14 11	29				6'-8' Unknown Due to Lack of Recovery, Some Plastic in Sample are	Dark	Gray
								115
8	10 14 17 18	50				8'-9' Trash PLastic, Metal and Wood		
			MED-GRY	SM		9'-10' Medium Gray Silty Fine Sand		

Location: Earle MWS Site 3

Well Id: SB03-02

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	8 11 13 8	75	GRY+ ORG- BRN			10'-12' Gray and Orange BrownSilty Fine Wet Sand		
12	6 4 4 12	100				12-13.5' Same as Above		110
						13.5-14' Medium Brown Silty Clay		
				CH				
14	6 16 20 20	100				14-16' Same as Above, Grading Darker of Depdth		
16	1 7 9 14	100	MED- GRY	ML		16-18' Medium Gray Silty Fine Sand		105
18	15 12 11 14	100				18-20' Same as Above, Dark Gray at Bottom		
20	9 9 9 13	100				20-20.5' Same as Above		
						21.5-22' Medidum Gray and Brown Clay w/ Silt		
			MED- GRY	CH				
22								100
24								

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location: Earle MWS Site 3	Elevation: 121.20'
Well Id: SB03-03	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/11/01 - 06/11/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 591570.07	Screens: type: size: dia: fm: to:
Y Coordinate: 510750.11	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	2 3 4 3	83	ORG-BRN	SM		0-6" Top Soil, Leaf DebrisTrash Present@2' Plastics		
						6"-2' Fine to Medium Sand w/ Silty and Gravel		120
2	13 10 12 14	79		Fl SP		2'-2.5' Trash and Sand		
						2.5-4' Orange Brown Medium to Coarse Sand w/Silty and Gravel		
4	20 18 17 16	79				4-6' Same as Above		
6	20 20 20 13	83				6-7' Same as Avove		115
			GRY	SM		7'-8' Gray Silty Fine Sand Mottle Present-Moisture @5'		
8	10 11 12 13	100				8'-10' Same as Above		

Location: Earle MWS Site 3

Well Id: SB03-03

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	8 5 6 7	100				10'-12' Same as Above		110
12	2 6 9 12	100				12'-14' Same as Above		
14	14 14 17 12	100				14-15.5' Same as Above		
			MED-BRN	CH		15.5'-16' Medium Brown Silty Clay		
16	14 7 6 7	100		SM		16'-17' Gray Silty Fine Sand Mottle		105
			DAK-GRY			17'-17.5'SAME W/CLAY		
						17.5'-18' Dark Gray Dirty Sand		
18	10 8 8 12	100				18'-19' Gray Fine Sand Mottles		
						19-19.5' Gray Silty Sand		
				CH				
20	10 14 18 25	100		SM		20-21' Gray Dirty Fine Sand Mottle Present		
						21-21.5' Dark Gray Silty Sand		
						21.5-22 Dark Gray Silty Sand		100
				CH				
22								
24								

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location: Earle MWS Site 3	Elevation: 119.63'
Well Id: SB03-04	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/12/01 - 06/12/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 591727.28	Screens: type: size: dia: fm: to:
Y Coordinate: 511086.92	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	1 1	33		SP		0-6" Top Soil		
						6"-3' Medium Sand		
2	3 5	37		FI				
						3'-4' Trash, Metal and Plastics		
4	8 10 18 20	67	ORG-BRN TO BRN	SP		4'-6' Orange Brown to Brown Sandw/Fine Sand and Gravel		115
6	17 28 33 35	67				6-8' Same as Above		
8	30 30 20 17	100				8-10' Same as Above, Gravel More Prevelent in Certain layer		110

Location: Earle MWS Site 3

Well Id: SB03-04

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	4 5 6 13	100				10-12' Same as Above		
12	12 11 7 11	100				12-14' Same as Above		
14	8 9 9 11	100				14-15.5' Same as Above		105
			MED-	CL		15.5-16' Medium Brown Fine Sand and Clay		
16	8 9 11 11	100	BRN ORG- BRN	SM		16-18' Fine to Medium Orange Brown Sand and Silt, Some Gravel		
18	7 12 16 22	100		SP		18-20' Orange Brown to Coarse Sand and Silt Gravel		100
20								
22								
24								95

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location: Earle MWS Site 3	Elevation: 122.23'
Well Id: SB03-05	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/11/01 - 06/11/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 591639.33	Screens: type: size: dia: fm: to:
Y Coordinate: 511189.19	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	1 1 3 6	54	ORG-BRN	SP		0-6" Top Soil /Leaf Clutter		
						6"-2' Orange Brown Medium to Fine Sand w/ Silt		
2	6 6 8 8	50				2-4' Same as Above		120
4	4 7 7 7	75						
						4-6' Same as Above, Moisture @5.5'		
6	7 4 17 23	71						
						6-8' Same as Above, Silt Gravel at Bottowm are Wet @6.5'		115
8	23 24 25 26	88				8-9' SAME AS ABOVE 1' SILT LAYER AT 9'		
						9-10' Tightly Packed Medium Sand w/Gravel and Fine Sand		
						10-11.25' Same as Above		

Location: Earle MWS Site 3

Well Id: SB03-05

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	20 15 12 9	100				11.25–12' Orange Brown and Gray Silty Fine Sand		
			MED-ORG	SM				
12	2 1 4 10	100		SP		12–13.5' Orange–Brown Coarse Sand and Gravel		110
			ORG-	SM		13.5–14' Orange–Brown Gray Soft Silty Fine Sand		
14	13 13 13 8	100	BRN+ GRY+	SP		14–15' Coarse Sand and Gravel Orange Brown		
			ORG-	SM		15–16' Gray and Orange Brown Silt Sand w/Gray		
16	6 7 8 9	100	BRN			16–17' Gray and Organce Brown Silty Fine Sand w/Gray		
			MED- BRN	CL		17–18' Medium Brown Gray Clay and Fine Sand		105
18	8 8 8 13	100		SP		18–19.5' Organce–Brown Wet Sand 19.5–20' Brown Fine Sand Clay		
			BRN	CL				
20	8 10 21 25	100	BRN- GRY			20–22' Brown Gray Fine Sand and Clay		
22								100
24								

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location: Earle MWS Site 3	Elevation: 121.56'
Well Id: SB03-06	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/12/01 - 06/12/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 591691.74	Screens: type: size: dia: fm: to:
Y Coordinate: 511091.57	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	1 3 4 5	42	MED ORG-BRN	SP		0-6" Topsoil Leaf Debris		
						6-2' Medium Orange-Brown Sand w/Silty Gravel		120
2	6 6 8 15	42				2-4' Same as Above		
4	11 11 16 20	75	ORG-BRN TO PALE ORG-BRN	SM		4-5' Orange-Brown to Pale Orange Brown Fine to Wet Sand and Silt		
				SP		5-6' Dark or Brown Medium and Fine Sand		
6	22 26 26 38	67				6-7' Same as Above		115
						7-8' Very Tight Packed Fine to Wet Sandand Gravel		
8	24 38 40 40	100				8-10' Very Tight Fine to Wet Sand		

Location: Earle MWS Site 3

Well Id: SB03-06

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	21 40 16 13	100				10-12' Same as Above		
								110
12	4 5 4 13	100				12-13.5' Same as Above, but not Paacked Tight		
			GRY+ ORG- BRN	SM/CL		13.5-14' Grey Silty Fine Sandw/alternative Clay Layer		
14	16 16 16 16	100		SP		14-15.5' Orange-Brown Medium to Coarse Sand		
			GRY+ ORG	CL		15.5-16' Gray Silty Fine Sand and Orange Silt CLay		
16	6 9 9 15	100	MED ORG- BRN	SP		16-17.5' Medium Orange BrownMedium Sand of Same Gravel		
								105
						17.5-18' Medium Brown + Dark Gray Silty Fine Sand+Gray Layers		
				SM/CL				
18	11 13 15 16	100	MED BRN+ DK	SP		18-19.5' Med Orange Brown and Wet Sand and Clay		
				SM/CL		19.5-20' Medium Brown and Gray Silt Fine Sand and Clay		
20	18 24 30 34	100	ORG- BRN TO BRN	SP		20-22' Orange Brown to Brown Wet Sand Grading To Fine Sand		100
22								
24								

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location: Earle NWS Site 3	Elevation: 122.05'
Well Id: SB03-07	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/11/01 - 06/11/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 591597.97	Screens: type: size: dia: fm: to:
Y Coordinate: 510874.48	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	1 3 5 9	88	ORG-BRN	SM		0-6" Orange brown Fine Sand Silt		
			DK-BRN			6"-8" Dark Brown Silty Sand		
						8"-2'Pale Grey Sandy Silt w/organce mothless		
2	6 4 8 12	88	PALE-GRY					120
						2-3.5' Same as Above		
						3.5-4' Dark or brown Fine to Medium Sand/Silt		
4	15 15 20 19	79	DK OR BRN	SP		4-6' Same as Above, Grading Coarse w/Depth Quartz Pebbles		
6	12 11 10 11	75	GRY+ ORG-BRN	SM				115
						6-8' Gray and Orange Fine Sandy Silt		
8	9 9 10 9	100				8-10' Same as Above		

Location: Earle MWS Site 3

Well Id: SB03-07

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	8 6 5 4	100				10-12' Same as Above, Except Softer and Less Dense		
12	1 1 3 1	100				12-13' Same as Above, but Very Soft at Bottom		110
				ML		13-14' Grey Fine Sandy with Coase Silt		
14	5 8 5 8	100				14-15.5' Same as Above		
			DAK-BRN	ML/OL		15.5-16' Dark Brown Fine Sand Silt Clay@16'		
16	7 8 8 9	100				16-17' Same as Above		
				CL				105
						17-18' Dark Brown Silty, Very Tight		
18	5 7 9 12	100				18-19' Same as Above		
				ML		19-20' Dark Brown Sandy Silt		
20	6 11 12 14	100				20-22' Same as Above		
22								100
24								

ATTACHMENT #2

Geoprobe/Hand Auger Boring Logs – Site 3

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-24A
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		

SAMPLING METHOD: 3" stainless steel auger

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Orange-Brown	0.5'-6': Fine to medium sand and gravel.		NA	
4					NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-25
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Lt. Brown	0.5'-1': Fine to medium sand.		NA	
		Gray	1'-3': Fine to medium sand.		NA	
4					NA	
					NA	
6		Orange	3'-6': Sand and gravel.		NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-25A
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Gray	0.5'-1': Fine to medium sand.		NA	
		Orange	1'-6': Sand and gravel.		NA	
4					NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-26
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Light Brown	0.5'-2': Fine to medium sand. Thin gray layer at bottom.		NA	
4		Orange	2'-6': Sand and gravel.		NA	
6					NA	
8			Boring terminated at 6'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-26A
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Light brown	0.5'-2': Fine to medium sand.		NA	
4		Orange	2'-6': Sand and gravel.		NA	
6					NA	
8			Boring terminated at 6'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-27
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Light Brown	0.5'-2': Fine to medium sand. Thin gray layer at bottom.		NA	
		Orange-Brown	2'-4': Sand and gravel.		NA	
4					NA	
					NA	
6		Orange-Brown	4'-6': Sand and gravel. Some gray at 4'.		NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-27A
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Light brown	0.5'-2': Fine to medium sand. Thin gray layer at 1'.		NA	
		Orange	2'-6': Sand and gravel.		NA	
4					NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-28
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Light Brown	0.5'-4': Sand and gravel.		NA	
4					NA	
					NA	
6		Orange	4'-6': Sand and gravel. Some gray at 5.5'.		NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-28A
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Dark Brown	0.5'-1': Fine to medium sand.		NA	
		Lt. Gray	1'-2': Fine to medium sand.		NA	
4		Orange-Brown	2'-6': Sand and gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-10
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Light Org.-Brn.	0.5'-2': Coarse sand and gravel.		NA	
					NA	
4		Orange-Brown	2'-6': Medium to coarse sand and gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-11
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Gray	0.5'-2': Medium to coarse sand and gravel.		NA	
					NA	
4		Orange-Brown	2'-6': Medium to coarse sand and gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-12
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Gray	0.5'-2': Medium to coarse sand and gravel.		NA	
			Trash at 2'. Mostly plastic.		NA	
4			Boring terminated at 2'.		NA	
					NA	
6					NA	
					NA	
8					NA	
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-13
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Pale Brn.	0.5'-2': Medium to coarse sand and gravel.		NA	
					NA	
4		Orange	2'-6': Medium to coarse sand and gravel. Small plasic piece of trash		NA	
			at 5'.		NA	
6					NA	
			Boring terminated at 6'.		NA	
8					NA	
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-14
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Pale Brn.	0.5'-2': Medium to coarse sand and gravel.		NA	
					NA	
4		Orange	2'-6': Medium to coarse sand and gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-15
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Gray	0.5'-2': Medium to coarse sand and gravel.		NA	
		Orange-Brown	2'-3.5': Trash encountered. Plastic		NA	
4			Boring terminated at 3.5'.		NA	
					NA	
6					NA	
					NA	
8					NA	
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-18
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Pale Brown	0.5'-2': Medium to coarse sand and gravel.		NA	
					NA	
4		Orange	2'-6': Medium to coarse sand and gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-18A
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Pale Brown	0.5'-2': Medium to coarse sand and gravel.		NA	
					NA	
4		Orange	2'-6': Medium to coarse sand and gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-15A
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Pale Brown	0.5'-2': Medium to coarse sand and gravel.		NA	
			2': Trash encountered. Metal debris.		NA	
4			Boring terminated at 2'.		NA	
					NA	
6					NA	
					NA	
8					NA	
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-14A
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Pale Brown	0.5'-2': Medium to coarse sand and gravel.		NA	
					NA	
4		Orange	2'-6': Medium to coarse sand and gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-13A
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Gray	0.5'-1.5': Medium to coarse sand and gravel.		NA	
			1.5': Trash encountered. Old paper.		NA	
4			Boring terminated at 2'.			
6						
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-12A
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Pale Brown	0.5'-2': Medium to coarse sand and gravel.		NA	
					NA	
4		Orange	2'-6': Medium to coarse sand and gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-10A
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Pale Brown	0.5'-2': Medium sand and gravel.		NA	
					NA	
4		Orange	2'-6': Medium to coarse sand and gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
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24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-02
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brn/Orange-Gray	0'-0.5': Topsoil/Leaf debris. 0.5'-1':Fine sand.		NA	
2	80	Lt. Gray	1'-4': Fine sandy silt.		NA	
					NA	
4					NA	
		Lt. Gray	4'-6': Same as above. Well rounded gravel layer at bottom.		NA	
6	80				NA	
		Lt. Brn.-Dk. Brn.	6'-8': Fine sandy silt. Moist.		NA	
8					NA	
		Lt. Brown	8'-9': Same as above.		NA	
10	80				NA	
		Very Pale Gray	9'-12': Fine sandy silt. Wet.		NA	
12		(mottles)			NA	
			Boring terminated at 12'.			
14						
16						
18						
20						
22						
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-02A
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	60	Lt. Gray	0.5'-4': Fine sandy silt. Thin band of silty sand and		NA	
			rounded gravel at 1'.		NA	
4					NA	
		Lt. Gray	4'-5': Same as above.		NA	
6	90	Dk. Org.-Brn.	5'-6': Silt with rounded gravel at 5' and 6'.		NA	
		Pale Brown	6'-8': Fine sandy silt. Moist at 7'.		NA	
8		(mottles)			NA	
					NA	
10	85	Pale Gray	8'-12': Silty fine sand. Wet at 8.5'.		NA	
		(mottles)			NA	
12					NA	
		Pale Gray	12'-13':Alternating sand and clay layers.		NA	
14	100	Dk. Brn/Gray	13'-13.5': Stiff clay. 13.5'-14': Fine sand.		NA	
		Dk. Gry. Brn.	14'-14.5': Stiff clay.		NA	
16		Dk. Brn./Gray	14.5'-16': Silty fine sand.		NA	
			Boring terminated at 16'.			
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-02B
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	75	Orange-Brn.	0.5'-3': Silty sand with some medium sand and gravel.		NA	
		Gray	3'-4.5': Silty sand.Thin organic layer at 3.5' and 4.5'.		NA	
4					NA	
		Pale Gray	4.5'-5': Fine sand		NA	
6	80	Orange-Brn.	5'-6.5': Fine sandy silt. 4" thick gravel layer at bottom.		NA	
					NA	
8		Brn. w/ Org. Bands	6.5'-8': Fine sandy silt. Moist at 7'.		NA	
					NA	
10	100	Brn. w/ Org. Bands	8'-12': Same as above. Banding stops at 11'. Wet at 9'.		NA	
					NA	
12					NA	
			Boring terminated at 12'.			
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-02C
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	50				NA	
		Org.-Brn./Gray	0.5'-4': Silty sand with some gravel. 0.5" thick organic layer at 3.5'.		NA	
4					NA	
		Org.-Brn./Gray	4'-5': Same as above.		NA	
6	25		Obstruction at 5'.		NA	
			Attempt boring at adjacent location.		NA	
8			4'-8': Trash present. Newspaper, wood, assorted plastic.		NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-03
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	60	Orange-Brown	0.5'-2': Sand with gravel throughout.		NA	
		Gray	2'-4': Fine sand with thin organic layers at 3'.		NA	
4					NA	
		Gray	4'-5': Same as above.		NA	
6	90				NA	
		Brn. w/ Org. Bands	5'-8': Fine sandy silt.Moist at 7'.		NA	
8					NA	
			8'-11': Same as above. Wet at 9'.		NA	
10	100				NA	
					NA	
12		Gray	11'-12': Silty sand with clay lenses.		NA	
			Boring terminated at 12'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-03A
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	80				NA	
		Gray,Orange,Brn.	0.5'-4': Silty sand with gravel throughout.		NA	
4					NA	
		Gray,Orange,Brn.	4'-5.5': Same as above.		NA	
6	90				NA	
		Gray w/ Org. Bands	5.5'-8': Silty sand. Moist at 7'.		NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-03B
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		

SAMPLING METHOD: 2" stainless steel core barrel, acetate liner

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	75	Orange	0.5'-1.5': Fine to medium sand.		NA	
					NA	
4		Gray - Brown	1.5'-4': Silty sand with gravel throughout.		NA	
			4'-6': Same as above.		NA	
6	60		6'-8': Trash. Plywood, glass, paper.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-05
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	50				NA	
		Orange-Brown	0.5'-4': Fine to medium sand.		NA	
4					NA	
		Orange-Brown	4'-5': Same as above, with gravel throughout.		NA	
6	50				NA	
			5'-8': Trash. Rubber, leather, steel cans.		NA	
8			Sand at bottom of boring.		NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-05A
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	60				NA	
		Red-Brown	0.5'-3.5': Sand with gravel.		NA	
4		Gray	3.5'-4': Medium sand.		NA	
		Red-Brown	4'-5': Sand with gravel.		NA	
6	70	Gray	5'-7': Fine to medium sand.		NA	
					NA	
8		Dark Gray - Brn.	7'-8': Fine sandy silt. Moist @ 7.5'.		NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-06
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		

SAMPLING METHOD: 2" stainless steel core barrel, acetate liner

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	80				NA	
		Lt. Brn.-Dk. Brn.	0.5'-3': Silty sand with trace gravel.		NA	
4		Pale Gray	3'-4': Fine to medium sand, some gravel.		NA	
		Pale Gray	4'-5': Same as above.		NA	
6	80	Very Dk. Brn.	5'-7': Silt with med sand and trace gravel. Organic odor.		NA	
					NA	
8		Org.-Brn.-Gray	7'-8': Fine to medium sand with silt.		NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-07
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	70	Gray	0.5'-2': Silty sand.		NA	
					NA	
4		Dk. Orange-Brn.	2'-4': Fine to medium sand with some silt and gravel.		NA	
					NA	
6	80	Orange-Brown	4'-8': Same as above grading coarser and lighter with depth.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-07A
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	60				NA	
		Orange-Brown	0.5'-4': Fine to medium sand with gravel.		NA	
4					NA	
					NA	
6	100	Orange-Brown	4'-8': Same as above. Sand with some silt grading coarser		NA	
			and lighter with depth.		NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-07B
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	75				NA	
		Orange-Brown	0.5'-4': Medium to coarse sand, some silt and gravel.		NA	
4					NA	
					NA	
6	100	Orange-Brown	4'-8': Same as above. 6" thick coarse gray sand layer at 6',		NA	
			moist below.		NA	
8					NA	
					NA	
10	100	Light Org.-Brn.	8'-10': Fine to medium sand with gravel throughout.		NA	
					NA	
12		Gray w/ Org. Mottles	10'-12': Clay alternating with silty clay.		NA	
			Boring terminated at 12'.			
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-07C
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	50				NA	
		Orange-Brown	0.5'-4': Medium to coarse sand with some gravel and silt.		NA	
4					NA	
		Orange-Brown	4'-6': Same as above.		NA	
6	85	Gray	6'-8': Silty sand with gravel.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-08
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	60				NA	
		Orange-Brown	0.5'-4': Medium to coarse sand with some gravel and silt.		NA	
4					NA	
					NA	
6	80	Orange-Brown	4'-8': Same as above.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-08A
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		

SAMPLING METHOD: 2" stainless steel core barrel, acetate liner

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	50				NA	
		Orange-Brown	0.5'-4': Medium to coarse sand with some gravel and silt.		NA	
4					NA	
					NA	
6	70	Orange-Brown	4'-8': Same as above.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-08B
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	45	Gray-Brown	0.5'-2': Fine to medium sand with some silt and gravel.		NA	
					NA	
4		Dark Org.-Brown	2'-4': Medium sand with some silt and gravel.		NA	
					NA	
6	75	Lt.-Med.Org.-Brn.	4'-8': Med sand with some gravel. Small amounts of trash present.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-09
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		

SAMPLING METHOD: 2" stainless steel core barrel, acetate liner

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	60				NA	
		Orange-Brown	0.5'-4': Medium sand with some silt and gravel throughout.		NA	
4					NA	
					NA	
6	80	Orange-Brown	4'-8': Same as above.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-09A
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECOVERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	50				NA	
		Orange-Brown	0.5'-4': Medium sand with some silt and gravel throughout.		NA	
4			Possible unnatural metal at 3.5'. Took additional 2' spoon, no trash.		NA	
					NA	
6	80	Orange-Brown	4'-8': Same as above. Coarse sand.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-09B
PROJECT NO:		DATE STARTED:	6/6/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/6/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		

SAMPLING METHOD: 2" stainless steel core barrel, acetate liner

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	50				NA	
		Dk. Org.-Brown	0.5'-4': Fine to medium sand with some silt and gravel throughout.		NA	
4					NA	
					NA	
6	80	Orange-Brown	4'-8': Same as above.		NA	
					NA	
8					NA	
					NA	
10	100	Orange-Brown	8'-11.5': Same as above.		NA	
					NA	
12		Gray	11.5-12': Silty fine sand.		NA	
			Boring terminated at 12'.			
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-09C
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	50				NA	
		Orange-Brown	0.5'-4': Medium sand with some silt and gravel throughout.		NA	
4					NA	
					NA	
6	100	Orange-Brown	4'-8': Same as above.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-09D
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		

SAMPLING METHOD: 2" stainless steel core barrel, acetate liner

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	50				NA	
		Orange-Brown	0.5'-4': Fine to medium sand with some silt and gravel throughout.		NA	
4					NA	
					NA	
6	100	Orange-Brown	4'-8': Same as above.		NA	
					NA	
8					NA	
					NA	
10	75	Orange-Brown	8'-11': Same as above.		NA	
					NA	
12		Gray	11-12': Silty fine sand. Very wet at 11'.		NA	
			Boring terminated at 12'.			
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-09E
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECOVERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	60				NA	
		Orange-Brown	0.5'-4': Fine to medium sand with some silt and gravel throughout.		NA	
4					NA	
					NA	
6	90	Orange-Brown	4'-8': Same as above. Grading coarser and lighter with depth.		NA	
			Higher amounts of gravel from 5'-7'.		NA	
8					NA	
			Boring terminated at 8'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-09F
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	60				NA	
		Orange-Brown	0.5'-4': Medium to Coarse sand with some silt and gravel throughout.		NA	
4					NA	
					NA	
6	80	Orange-Brown	4'-8': Same as above.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-09G
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	80				NA	
		Dk. Org.-Brown	0.5'-4': Medium sand with some gravel throughout.		NA	
4					NA	
					NA	
6	90	Orange-Brown	4'-8': Same as above.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-09H
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	80				NA	
		Orange-Brown	0.5'-4': Fine to medium sand with some silt and gravel throughout.		NA	
4					NA	
					NA	
6	80	Orange-Brown	4'-8': Same as above. Grading coarser and lighter with depth.		NA	
					NA	
8					NA	
			Boring terminated at 8'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-09I
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	60				NA	
		Orange-Brown	0.5'-4': Medium sand with some silt and gravel throughout.		NA	
4					NA	
					NA	
6	60	Orange-Brown	4'-7': Same as above.		NA	
		Gray	7'-7.5': Gravel.		NA	
8		Pale gray	7.5'-8': Silty fine sand.		NA	
			Boring terminated at 8'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-23
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Orange-Brown	0.5'-4': Medium to Coarse sand with some silt and gravel throughout.		NA	
4					NA	
		Lt. Org.-Brown	4'-5': Fine silt.		NA	
6			Boring terminated at 5'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-23A
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		

SAMPLING METHOD: 3" stainless steel auger

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Orange-Brown	0.5'-2': Fine to medium sand with some silt and gravel.		NA	
		Gray	2'-4.5': Silty fine sand.		NA	
4					NA	
			4.5'-6': Trash. Mostly plastic.		NA	
6					NA	
					NA	
8					NA	
			Boring terminated at 6'.			
10						
12						
14						
16						
18						
20						
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24						
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28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-23B
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Orange-Brown	0.5'-5': Fine to medium sand with some silt and gravel.		NA	
4					NA	
		Pale Gray (mottles)	5'-7': Fine sand and silt with some gravel.		NA	
6					NA	
					NA	
8			Boring terminated at 7'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-01
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Orange-Brown	0.5'-6.5': Fine to medium sand with some silt and gravel.		NA	
4					NA	
					NA	
6					NA	
					NA	
8			Boring terminated at 6.5'.			
10						
12						
14						
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18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-01A
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Med. Org.-Brn.	0.5'-1.5': Fine sandy silt.		NA	
		Varies	1.5'-4': Trash. Plastic, wood, metal, glass.		NA	
4					NA	
			Boring terminated at 4'.			
6						
8						
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12						
14						
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18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-22
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Orange-Brown	0.5'-5.5': Medium to coarse sand with some silt and gravel.		NA	
					NA	
4					NA	
					NA	
6		Pale Org.-Brn.	5.5'-6': Fine to medium sand and silt. Moist.		NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
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18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-21
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Orange-Brown	0.5'-5': Medium to coarse sand with some silt and gravel.		NA	
					NA	
4					NA	
					NA	
6		Orange-Brown	5'-6.5': Silty sand. Moist.		NA	
			Boring terminated at 6.5'.			
8						
10						
12						
14						
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20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-21A
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Lt. Org.-Brown	0.5'-6': Silty fine sand.		NA	
4			Trash appears from 4.5' to 6'. Plastic, wood.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
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12						
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18						
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24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-19
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Orange-Brown	0.5'-7': Fine to medium sand with some silt and gravel.		NA	
4					NA	
					NA	
6					NA	
					NA	
8			Boring terminated at 7'.			
10						
12						
14						
16						
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20						
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24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-19A
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Orange-Brown	0.5'-7': Fine to medium sand with some silt and gravel.		NA	
4					NA	
6					NA	
					NA	
8			Boring terminated at 7'.			
10						
12						
14						
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22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-19B
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-1': Topsoil/Leaf debris.		NA	
2	60	Black	1'-2': Sandy silt. Little gravel, some organics.		NA	
					NA	
4		Dark Org.-Brn.	2'-4': Silty sand with some medium to fine gravel.		NA	
					NA	
6	90	Dark Org-Brn.	4'-7': Same as above.		NA	
					NA	
8		Orange-Brown	7'-8': Fine sandy silt.		NA	
			Boring terminated at 8'.			
10						
12						
14						
16						
18						
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24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-19C
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		

SAMPLING METHOD: 2" stainless steel core barrel, acetate liner

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	75	Black	0.5'-2': Sandy silt. Little gravel, some organics.		NA	
		Dark Org.-Brn.	2'-4': Medium to fine silty sand with some gravel.		NA	
4					NA	
		Dark Org.-Brn.	4'-6': Same as above.		NA	
6	100				NA	
		Orange-Brown	6'-8': Fine silty sand.		NA	
8					NA	
			End of boring @ 8'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-19D
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	85	Dark Brown	0.5'-2': Fine to medium silty sand.		NA	
		Dark Brn./Black	2'-3': Fine sandy silt.		NA	
4		Orange-Brown	3'-4': Medium to Coarse silty sand with gravel throughout.		NA	
		Orange-Brown	4'-7': Same as above. Wet at 6.5'.		NA	
6	90				NA	
					NA	
8		Orange-Brown	7'-8': Fine silty sand.		NA	
			Boring terminated at 8'.			
10						
12						
14						
16						
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24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-19E
PROJECT NO:		DATE STARTED:	6/7/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/7/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Direct Push, Geoprobe		
SAMPLING METHOD:	2" stainless steel core barrel, acetate liner		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2	75				NA	
		Orange-Brown	0.5'-4': Silty sand with gravel throughout.		NA	
4					NA	
					NA	
6	100		4'-7.5': Same as above.		NA	
					NA	
8		Orange-Brown	7.5'-8': Fine sandy silt.		NA	
			Boring terminated at 8'.			
10						
12						
14						
16						
18						
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22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-21B
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Dk. Org.-Brown	0.5'-7': Fine to medium sand with some silt and rounded gravel.		NA	
4					NA	
					NA	
6					NA	
					NA	
8		Pale Yellow-Brn.	7'-8': Fine sandy silt.		NA	
			Boring terminated at 8'.			
10						
12						
14						
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18						
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22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-21C
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Dk. Orange-Brown	0.5'-7': Fine to medium sand and silt and some gravel throughout.		NA	
4					NA	
					NA	
6					NA	
					NA	
8		Pale Gray-Orange	7'-8': Fine sandy silt.		NA	
			Boring terminated at 8'.			
10						
12						
14						
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18						
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22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-21D
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Dk. Org.-Brn.	0.5'-7.5': Fine to mediumsand with some silt and gravel throughout.		NA	
4					NA	
					NA	
6					NA	
					NA	
8		Pale Gray-Org.	7.5'-8': Fine sandy silt.		NA	
			Boring terminated at 8'.			
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-21E
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2		Orange-Brown	0.5'-1.5': Fine to medium sand with some silt and gravel.		NA	
					NA	
4			1.5'-5.5': Trash. Plastic, wood and glass.		NA	
					NA	
6					NA	
			Boring terminated at 5.5'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-17
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-1': Topsoil/Leaf debris.		NA	
2					NA	
		Orange	1'-6': Medium to coarse sand with gravel.		NA	
4					NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-17A
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-1': Topsoil/Leaf debris.		NA	
2					NA	
		Orange	1'-6': Medium to coarse sand with gravel.		NA	
4					NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-17B
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-1': Topsoil/Leaf debris.		NA	
2					NA	
		Orange	1'-6': Medium to coarse sand with gravel.		NA	
4					NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-16
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0		Brown	0'-1': Topsoil/Leaf debris.		NA	
2					NA	
		Orange	1'-6': Medium to coarse sand with gravel.		NA	
4			Thin layer of gray moist fine sand at 1'.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-16A
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		

SAMPLING METHOD: 3" stainless steel auger

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-1': Topsoil/Leaf debris.		NA	
2					NA	
		Orange	1'-6': Medium to coarse sand with gravel.		NA	
4			Thin (2" thick) layer of gray moist fine sand at 2'.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-03-16B
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
0						
		Brown	0'-1': Topsoil/Leaf debris.		NA	
2		Orange-Brown	1'-2': Medium to coarse sand.		NA	
					NA	
4		Orange-Brown	2'-6': Medium to coarse sand with gravel.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-16C
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-1': Topsoil/Leaf debris.		NA	
2		Gray and Brown	1'-2': Fine to medium sand, some gravel.		NA	
					NA	
4		Orange-Brown	2'-4': Medium to coarse sand.		NA	
					NA	
6		Orange-Brown	4'-6': Medium to coarse sand and gravel.		NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-16D
PROJECT NO:		DATE STARTED:	6/8/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/8/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-1': Topsoil/Leaf debris.		NA	
2		Gray and Orange	1'-2': Fine to medium sand, some gravel.		NA	
					NA	
4		Orange-Brown	2'-6': Medium to coarse sand.		NA	
					NA	
6					NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-03-24
PROJECT NO:		DATE STARTED:	6/12/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/12/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	SAMPLE ID	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.		NA	
2					NA	
		Light Brown	0.5'-3': Fine sand.		NA	
4		Gray	3'-4': Fine to medium sand.		NA	
		Light Brown	4'-5': Fine sand.		NA	
6		Orange	5'-6': Fine to medium sand.		NA	
			Boring terminated at 6'.			
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						

ATTACHMENT #3

Data Used for Wetlands Delineation

DATA FORM
ROUTINE WETLAND DETERMINATION

Project/Site: NWS Earle	Date: 6-19-01
Applicant/Owner: USN	County: Monmouth
Investigator: KWB	State: NJ

Do Normal Circumstances occur on site?	(Y)/N	Community ID:	Site 3
Is the site significantly disturbed (Atypical situation)?	Y/(N)	Transect ID:	N/A
Is the area a potential Problem Area? (if needed, explain on reverse)	Y/(N)	Plot ID:	A

VEGETATION

Plant Community Classification:

Percent Canopy Cover: Tree: 60 Shrub: 25 Herb: 25 Vine: <1

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1) Pinus rigida	T	FACU	9)		
2) Quercus spp.	T	(FACU/UPL)	10)		
3) Prunus serotina	T/Sa/Sh	FACU	11)		
4) Gaylussacia baccata	Sh	FACU	12)		
5) Comptonia peregrina	Sh	UPL	13)		
6) Panicum virgatum	H	FAC	14)		
7)			15)		
8)			16)		

Percent of dominant species that are OBL, FACW, or FAC (excluding FAC-): 17 %

Remarks:
T = tree
Sa = sapling
Sh = shrub
WV = woody vine
H = herb
Switchgrass + sweet fern are dominant in open area near center of site.

HYDROLOGY

____Recorded Data (Describe in Remarks
____Stream, Lake, Tide Guage
____Aerial Photographs
____Other
X No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): N/A

Depth of Free Standing Water in Pit (in): N/A

Depth to Saturated Soils (in.): N/A

Wetland Hydrology Indicators:

Primary Indicators
____Inundated
____Saturated
____Water Marks
____Drift Lines
____Sediment Deposits
____Drainage Patterns in Wetlands

Secondary Indicators (2 or more required)
____Oxidized Root Channels
____Water-Stained Leaves
____Local Soil Survey Data
____FAC-Neutral Test
____Other (explain in remarks)

Remarks :

DATA FORM
ROUTINE WETLAND DETERMINATION

Site Location: Site 3
Sample Station: A
Date: 6-19-01

SOILS

Map Unit Name: (Series and Phase): (No soil survey data available for assessment)
Drainage Class:
Field Observations Confirm Mapped Type? Y / N
Taxonomy (subgroup):

Profile Description:

Depth (in)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles: Contrast, Abundance, Size	Texture, Concretions, Structure, etc.
0-2		10YR 4/2			sand
2-8		2.5Y 5/4			sand

Hydro Soil Indicators

- ___ Histosol
- ___ Histic Epipedon
- ___ Sudfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- ___ Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content, Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on National Hydric Soils List
- ___ Other (explain in Remarks)

Remarks:
Soil appeared to be fill material

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Y / N
Wetlands Hydrology Present? Y / N
Hydric Soils Present? Y / N

Is this Sample Station Point within a wetland? Y / N

Remarks: No evidence of wetlands observed anywhere within the site.

DATA FORM
ROUTINE WETLAND DETERMINATION

Project/Site: NWS Earle	Date: 6-19-01
Applicant/Owner: USN	County: Monmouth
Investigator: KWB	State: NJ
Do Normal Circumstances occur on site? (Y) / N	Community ID: Site 10
Is the site significantly disturbed (Atypical situation)? Y / (N)	Transect ID: N/A
Is the area a potential Problem Area? Y / (N)	Plot ID: B
(if needed, explain on reverse)	

VEGETATION

Plant Community Classification:

Percent Canopy Cover: Tree: 90 Shrub: 75 Herb: 50 Vine: <1

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1) Pinus rigida	T	FACU	9)		
2) Quercus spp.	T/Sa	(FACU/UPL)	10)		
3) Prunus serotina	Sa/Sh	FACU	11)		
4) Gaylussacia baccata	Sh/H	FACU	12)		
5)			13)		
6)			14)		
7)			15)		
8)			16)		

Percent of dominant species that are OBL, FACW, or FAC (excluding FAC-): Ø

Remarks: Plant community similar to Site 3
T = tree H = herb
Sa = Sapling
Sh = Shrub

HYDROLOGY

____Recorded Data (Describe in Remarks
____Stream, Lake, Tide Guage
____Aerial Photographs
____Other
X No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): N/A

Depth of Free Standing Water in Pit (in): N/A

Depth to Saturated Soils (in.): N/A

Wetland Hydrology Indicators:

Primary Indicators
____Inundated
____Saturated
____Water Marks
____Drift Lines
____Sediment Deposits
____Drainage Patterns in Wetlands

Secondary Indicators (2 or more required)
____Oxidized Root Channels
____Water-Stained Leaves
____Local Soil Survey Data
____FAC-Neutral Test
____Other (explain in remarks)

Remarks: No evidence of wetlands observed anywhere within the site.

DATA FORM
ROUTINE WETLAND DETERMINATION

Site Location: Site 10
Sample Station: B
Date: 6-19-01

SOILS

Map Unit Name: (Series and Phase): (No soil survey data avail. for assess.)
Drainage Class:
Field Observations Confirm Mapped Type? Y / N
Taxonomy (subgroup):

Profile Description:

Depth (in)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles: Contrast, Abundance, Size	Texture, Concretions, Structure, etc.
(Dry sandy fill material)					

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sudfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on National Hydric Soils List
___ Other (explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Y / N
Wetlands Hydrology Present? Y / N
Hydric Soils Present? Y / N

Is this Sample Station Point within a wetland? Y / N

Remarks:

ATTACHMENT #4

Geotechnical Soil Boring Logs – Site 10

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location:	Elevation: 113.42'
Well Id: SB10-01	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/13/01 - 06/13/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 592721.30	Screens: type: size: dia: fm: to:
Y Coordinate: 519058.27	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	1 9 7 7	79	ORG- BRN	SM SC		0-6" Sandy Topsoil		
			DAK- BRN+	CH		6"-1 Orange Brown and Silty Sand		
2	9 9 17 24	83	ORG- BRN			1-2' Dark Brown and Orange Brown Tight Clay		
			ORG- BRN+	CL		2-3' Same as Above		110
4	17 14 19 17	75	GRY ORG- BRN+ PALE GRY DAK- GRY			3-4' Orange Brown and Gray Fine Sandy Clay		
6	13 8 8 6	92	DAK- GRY	SM/OL		4-5.25' Interbedded Clay and Find Sand-Orange Brown, Pale Grey and Dark Grey		
			BRN- GRY	SP		5.25-5.75' Dark Green Fine Medium Sand and Silt		
8	6 5 4 3	52	DAK- GRN	SM		5.75-6' Medium Grey Fine -Medium sand and Silt		105
						6-7' Grey Medium Fine Sand with Soil		
						7-8' Brown Grey Medium Fine Silty Sand		

Location: Earle MWS Site 10

Well Id: SB10-01

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	3 3 3 3	88		SC				
						8-10'Dark Grey Fine Medium Sand Silt		
12	5 5 6 6	100	BRN-ORG	CL		10-12' Dark Grey Medium Fine Sand and Clay, Moisture and Organic		
						12-12.5' Same as Above		100
14	6 7 7 9	100				12.5-14' Brown Orange Medium Fine Clay with Sand-Moist		
						14-16' Same as Above, But More Olive		
16	6 9 8 9	100				16-16.75' Same As Above		
						16.75-18' Sand w/Clay Range Form Medium Fine Grain to Rust Color		
18	12 14 15 14	100	ORG-GRN			18-20' Same as Above-Moist		95
			BRN			20-22' Same as Above		
20	3 3 5 7	100						
22								
								90
24								

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location: Earle MWS Site 10	Elevation: 113.57'
Well Id: SB10-02	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/13/01 - 06/13/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 592696.31	Screens: type: size: dia: fm: to:
Y Coordinate: 518993.75	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	3 7 11 10	92	ORG-BRN+	SM CL		0-6" Sandy Topsoil 6"-2' Orange Brown and Grey Clay Sand, Medium Fine Grain, Rust@78"		
			GRY					
2	9 6 7 13	83	BRN			2-4' Brown Fine Sandy Clay, 2" Grey Sand@3.5"		
								110
4	17 12 11 9	92	ORG-BRN	SC CL SM/OL		4-4.5' Orange Brown Silty Medium Sand with Gravel 4.5-4.75' Dark Grey Fine Sand 4.75-5' Dark Grey Fine Sand With Organic		
			GRY-GRN	SC SP		5-5.5' Olive Green Clay Sand 5.5-6' Mediun Grey Fine Sand and Organic		
6	6 6 7 9	71		SM		6-7.5' Fine Sand with Silt		
				SC		7.5-8' Clay Sand with Dark Olive, Grey With Rust Bands		
8	7 7 7 7	75				8-10' Same as Alternative Layer with/without Rust Bands		105

Location: Earle MWS Site 10

Well Id: SB10-02

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	5 8 4 4	83				10-12' Same as Above		
12	5 5 5 5	79				12-14' Same as Above, Rust @13.5-14'		
								100
14	5 6 6 7	88				14-16' Same as Above, More Rust at Bottom-MOST		
16	4 4 4 5	100						
18	7 7 8 10	100				18-20' Same as Above-WET		95
20	6 10 12 13	100	RED			20-22' Same as Above Reddish At End, Wet		
22								
								90
24								

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Location: Earle MWS Site 10	Elevation: 114.23'
Well Id: SB10-03	Completed Depth: 22.00'
Logged By:	Total Depth: 22.00'
Date(s): 06/13/01 - 06/13/01	Conductor Casing: type: dia: 0.00in fm: 0.00' to: 0.00'
Drilling Subcontractor:	Blank Casing: type: dia: 0.00in fm: 0.0' to: 22.00'
Drilling Method:	
X Coordinate: 592593.74	Screens: type: size: dia: fm: to:
Y Coordinate: 518799.55	Annular Fill: type: fm: to: type: fm: to: type: fm: to:
Remarks:	

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	5 8 9 10	83	ORG-BRN GRY	SM		0-6" Sandy Topsoil 6"-12" Orange Brown Fine Sand and Silt 1-1.5' Grey Fine Sand and Silt 1.5-2' Pale Grey Orange Silty Fine Sand		
2	10 12 13 14	71	PALE GRY TO ORG	CL		2-3.5' Fine Clay Orange Brown@ 3.5' Orange Caly 3.5-4' Fine Grey Clay		
4	8 7 6 6	67	ORG-BRN	SP		4-4.5' Same as Above with Gravel 4.5-6' Orange Brown Grey Medium Fine Silty Sand Most@5'		110
6	6 6 5 6	85	BRN	SC				
8	5 4 3 3	92				8-10' Same as Above		105

Location: Earle MWS Site 10

Well Id: SB10-03

Depth (ft)	Blow Count	Recovery %	Color	USCS Code	Graphic Log	Material Description	PID (ppm)	Elevation (ft)
	2 2 3 4	75				10-12' Same as Above		
12	3 3 3 4	88				12-14' Same as Above, Less Clay Than Previous Bouges		
14	4 6 6 6	71				14-16' Same as Above		100
16	5 6 6 6	100	ORG-RED			16-18' Orange Red Banding		
18	6 6 10 12	100				18-20' Same as Above, Wet Rust Color with Depth		95
20	12 13 15 16	100				20-22' Same as Above		
22								
24								90

ATTACHMENT #5

Geoprobe/Hand Auger Boring Logs – Site 10

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-05
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING/	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2		Dark Brown	0.5'-1': Silt with gravel throughout. 1': Metal debris.	NA	
			Boring terminated at 1.5'.		
4					
6					
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-05A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2		Dark Brn/Rust	0.5'-1': Silt with gravel throughout. 1': Metal debris.	NA	
			Boring terminated at 1.5'.		
4					
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12					
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-10-05B
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2		Brown	0.5'-4': Silt with gravel throughout.	NA	
				NA	
4				NA	
		Green	4'-6.5': Fine sandy silt. Moist.	NA	
6				NA	
				NA	
8			Boring terminated at 6.5'.		
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-06
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2			0.5': Metal debris. Steel casing material.	NA	
			Boring terminated at 1.5'.		
4					
6					
8					
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12					
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18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-07
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2				NA	
		Orange-Brown	0.5'-5': Silty fine to medium sand with gravel throughout.	NA	
4				NA	
				NA	
6		Greenish-Brown	5'-7': Sandy silt with some gravel.	NA	
				NA	
8			Boring terminated at 7'.		
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-10-07A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-0.2": Topsoil/Leaf debris.	NA	
2		Dark Brn/Rust	0.2"-1.5': Metal debris.	NA	
			Boring terminated at 1.5'.		
4					
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24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-08
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-10": Topsoil/Leaf debris.	NA	
2		Dark Brn/Rust	10"-1.5': Metal debris.	NA	
			Boring terminated at 1.5'.		
4					
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12					
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18					
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24					
26					
28					

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-10-08A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2		Gray	0.5'-2.5': Silty fine to medium sand.	NA	
		Black/Gray	2.5'-3':Organic layer. 3'-3.5': Fine sand.	NA	
4		Black	3.5'-4': Silt.	NA	
		Med. Brn.-Orange	4'-4.5': Silt with gravel.	NA	
6		Green	4.5'-6': Sandy silt with some gravel. Moist.	NA	
			Boring terminated at 6'.		
8					
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12					
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24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-09
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2		Dark Brown	0.5'-1': Fine to medium sand and silt with gravel throughout.	NA	
			1': Metal debris.	NA	
4			Boring terminated at 1'.		
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12					
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24					
26					
28					

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-10-09A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-1.5': Topsoil/Leaf debris.	NA	
2		Green	1.5'-2.5': Sandy silt.	NA	
		Gray	2.5'-4': Silty sand.	NA	
4				NA	
				NA	
6		Or-Brn w/ Grn Tint	4'-6': Silty sand with gravel throughout.	NA	
			Boring terminated at 6'.		
8					
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20					
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24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-10
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2		Dark Brown	0.5'-3': Silty sand and clay.	NA	
		Gray	3'-4': Fine sand.	NA	
4				NA	
		Brown	4'-5': Sand and gravel.	NA	
6		Green	5'-6': Sand and clay.	NA	
			Boring terminated at 6'.		
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-10A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Brown	0'-7": Topsoil/Leaf debris.	NA	
2			7": Metal debris.	NA	
			Boring terminated at 1'.		
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-11A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-4": Topsoil/Leaf debris.	NA	
2			4": Metal debris.	NA	
			Boring terminated at 1'.		
4					
6					
8					
10					
12					
14					
16					
18					
20					
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24					
26					
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-11
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2		Gray-Brown	0.5'-2': Fine to medium sand.	NA	
		Green	2'-4': Silty fine sand.	NA	
4				NA	
		Orange-Brown	4'-5': Fine to medium sand.	NA	
6		Brown	5'-6.5': Medium sand and gravel.	NA	
		Green	6.5': Sand and clay	NA	
8			Boring terminated at 6.5'.		
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-12A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Brown	0'-1": Topsoil/Leaf debris.	NA	
2			1": Metal debris consisting of 40mm shell casings.	NA	
			Boring terminated at 1'.		
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-12
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Brown	0'-0.5': Topsoil/Leaf debris.	NA	
2		Gray-Brown	0.5'-2': Fine to medium sand.	NA	
		Green	2'-4': Silty fine sand.	NA	
4				NA	
		Dark gray	4'-6': Fine sand with high organic content.	NA	
6		Gray	6'-6.5': Fine sand.	NA	
			Boring terminated at 6.5'.		
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-10-04A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Brown	0'-5': Topsoil/Leaf debris.	NA	
2			0.5': Metal debris.	NA	
			Boring terminated at 1'.		
4					
6					
8					
10					
12					
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26					
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-04
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-1': Topsoil/Leaf debris.	NA	
2				NA	
		Gray	1'-4': Silty fine sand.	NA	
4				NA	
			Boring terminated at 4'.		
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-03A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Brown	0'-8": Topsoil/Leaf debris.	NA	
2			8": Metal debris.	NA	
			Boring terminated at 1'.		
4					
6					
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12					
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18					
20					
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24					
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LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-10-03
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Light Brown	0'-1': Topsoil/Leaf debris.	NA	
2				NA	
		Green	1'-6': Silty fine to medium sand. Wet at bottom.	NA	
4				NA	
				NA	
6				NA	
			Boring terminated at 6'.		
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					
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LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-03A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-2": Topsoil/Leaf debris.	NA	
2			2": Metal debris.	NA	
			Boring terminated at 1'.		
4					
6					
8					
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12					
14					
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18					
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24					
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28					

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-10-02
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Light Brown	0'-1': Topsoil/Leaf debris.	NA	
2				NA	
		Green	1'-6': Silty fine to medium sand.	NA	
4				NA	
				NA	
6				NA	
			Boring terminated at 6'.		
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-01
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Light brown	0'-1': Topsoil/Leaf debris.	NA	
2		Gray	1'-3.5': Silty sand. Wet at 3.5'.	NA	
		Brown	3.5'-4.5': Fine sand.	NA	
4				NA	
				NA	
6		Green	4.5'-6': Fine sand and silt.	NA	
			Boring terminated at 6'.		
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-01A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet)	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
0					
		Brown	0'-2": Topsoil/Leaf debris.	NA	
2			2": Metal debris.	NA	
			Boring terminated at 1'.		
4					
6					
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12					
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24					
26					
28					

LOG OF BORING

PROJECT:	**NWS Earle Landfill**	BORING NUMBER:	G-10-13A
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Brown	0'-2": Topsoil/Leaf debris.	NA	
2			2": Metal debris.	NA	
			Boring terminated at 1'.		
4					
6					
8					
10					
12					
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16					
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22					
24					
26					
28					

LOG OF BORING

PROJECT:	NWS Earle Landfill	BORING NUMBER:	G-10-13
PROJECT NO:		DATE STARTED:	6/11/01
LOCATION:	Colts Neck, New Jersey	DATE COMPLETED:	6/11/01
GEOLOGIST:	D. Pinkham, Foster Wheeler Environmental	GROUNDWATER DEPTH:	NA
DRILLER:	G. Blewett - B&B Drilling	ELEVATION:	
DRILLING:	Hand Auger		
SAMPLING METHOD:	3" stainless steel auger		

DEPTH (feet) 0	RECO-VERY %	COLOR	MATERIAL DESCRIPTION (feet)	PID ppm	COMMENTS
		Light Brown	0'-1': Topsoil/Leaf debris.	NA	
2		Brown	1'-3': Silty sand.	NA	
		Gray	3'-6': Fine sand and silt.	NA	
4				NA	
				NA	
6				NA	
			Boring terminated at 6'.		
8					
10					
12					
14					
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ATTACHMENT #6

Construction Quality Control Plan (CQC Plan)

U.S. NAVY, ENGINEERING FIELD ACTIVITY – NORTHEAST
REMEDIAL ACTION CONTRACT (RAC)
CONTRACT NO. N62472-99-D-0032
CONTRACT TASK ORDER NO. 0040

FINAL CONSTRUCTION QUALITY CONTROL PLAN FOR REMEDIAL ACTION AT OPERABLE UNIT 6 (SITES 3 AND 10)

NAVAL WEAPONS STATION EARLE
Colts Neck, New Jersey

ISSUED:
July 2002

PREPARED FOR:

NAVAL FACILITIES ENGINEERING COMMAND
ENGINEERING FIELD ACTIVITY – NORTHEAST
10 INDUSTRIAL HIGHWAY
LESTER, PENNSYLVANIA 19113

PREPARED BY:

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Revision	Date	Prepared By	Approved By	Pages
0	07/23/01	S. Inglee	To Be Determined	All
1	09/10/01	M. Lavin	To Be Determined	All
2	07/15/02	M. Lavin	To Be Determined	All

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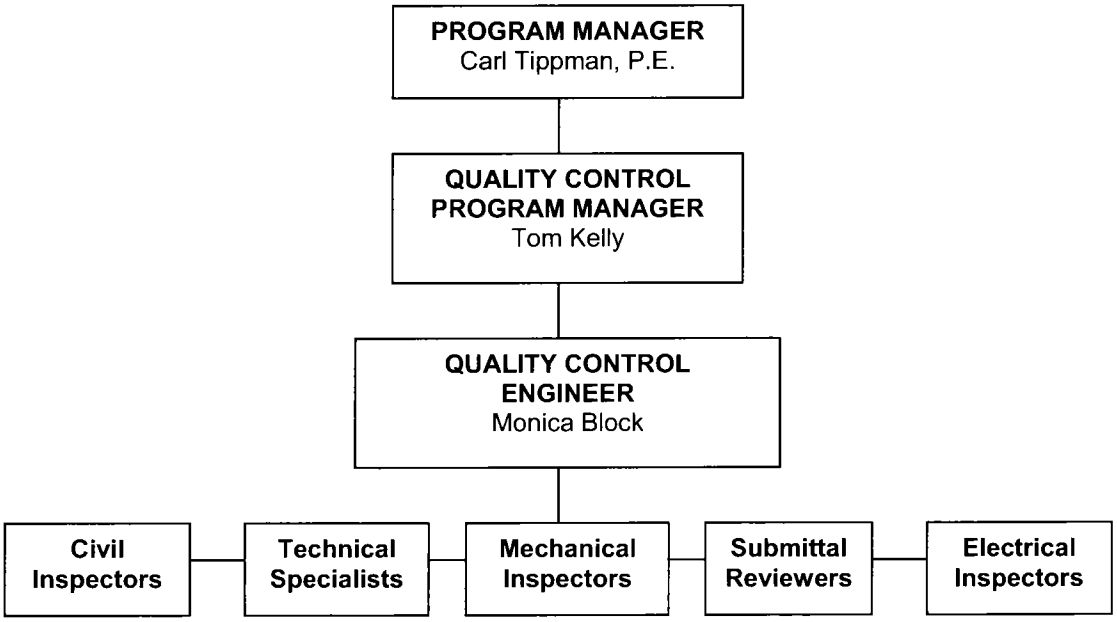
1.0 Quality Control Organization

1.1 Project Quality Control Organization Chart



2.0 Names and Qualifications

2.1 Quality Control Program Manager – Resume'

See Appendix 'A' – Resumes

2.2 Quality Control Engineer – Resume'

See Appendix 'A' – Resumes

3.0 Duties, Responsibilities and Authority of Quality Control Personnel

3.1 Quality Control Program Manager

The Quality Control Program Manager (QCPM) reports directly to the Program Manager on all matters affecting quality and this Construction Quality Control Plan. The QCPM oversees the activities of each QC Engineer and is responsible for implementation of QC at the Program level. The QCPM has the following responsibilities and authorities:

- Develop and Maintain the overall Quality Control Program;
- Review all Construction Quality Control Plans;
- Technical supervision of all Quality Control Engineers; and
- Enforce CQC policies and procedures.

3.2 Quality Control Engineer

The Quality Control Engineer (QC Engineer) represents the Quality Control Program Manager on the Project, is responsible for the overall management and implementation of the Construction Quality Control Plan (CQC Plan) and has the authority to act on all Quality Control matters related to the Project. The QC Engineer has the following responsibilities and authorities:

- Attend the Coordination and Mutual Understanding Meeting;
- Conduct Construction Quality Control Meetings;
- Perform the Three Phases of Control;
- Perform Submittal Review;
- Perform Submittal Approval, except for submittals designated for Contracting Officer or designated representative approval;
- Ensure Testing is performed;
- Prepare CQC Certifications;
- Prepare required documentation.

3.3 Quality Control Inspectors/Specialists/Technicians/Reviewers

Qualified personnel may be assigned to the Project on an as-needed basis to perform Quality Control testing, monitoring functions for definable features of work or submittal review which requires use of specialized testing equipment and/or other specialized skills, talents or knowledge in order to verify compliance with requirements.

When Quality Control Inspectors/Specialist/Technicians/Reviewers are utilized, they report directly to the QC Engineer and can have the following responsibilities and authorities as assigned by the QC Engineer:

- Perform the Three Phases of Control;
- Perform Submittal Review;
- Ensure Testing is performed; and
- Prepare required documentation.

4.0 Outside Organizations

4.1 General

This is an initial listing of outside organizations that will be employed by FWENC for this Project along with a description of services that these firms will provide.

This listing may not be available or only partially complete at the time of issuance of this plan. The list of Outside Organizations providing services to this Project will be maintained and updated on an ongoing basis throughout the life of the Project by the QC Engineer at the Project Site.

A current Outside Organizations list will always be available for review by the Contracting Officer or designated representative at the Project Site.

4.2 Initial Outside Organization Listing

See Appendix 'B' – Outside Organizations

5.0 Appointment Letter

5.1 General

This letter, signed by the FWENC Program Manager or designated representative appoints the Quality Control Engineer and states the responsibilities for implementing and managing this Construction Quality Control Plan and basic quality-related Contract Requirements on this Project. The letter also specifically includes the responsibilities to implement and manage the three phases of Quality Control, and the authority to stop work (with concurrence of the CTO Manager), which is not in compliance with the Contract.

This appointment letter may not be available at the time of issuance of this plan, pending the assignment of the QC Engineer to the Project. The QC Engineer will be assigned prior to mobilization and the appointment letter will be submitted to all listed recipients of the current CQC Plan.

5.2 Letter of Appointment

See Appendix 'C' – Letter of Appointment to be submitted prior to construction

6.0 Submittal Procedures and Initial Submittal Register

6.1 Reviewing, Certifying, Approving Authority

FWENC's Contract Task Order Quality Control organization is responsible for reviewing and certifying that submittals are in compliance with Contract Requirements. The approving authority on submittals is the Quality Control Engineer, an appointee of the QC Engineer, unless submission to the Contracting Officer, or designated representative for approval is specified for the specific submittal.

6.2 Constraints

- Submission: Submittals shall be complete for each definable feature of work; components of the definable features inter-related as a system shall be submitted at the same time.

- Acceptability: If submittal acceptability is dependent on conditions, items, or materials included in separate subsequent submittals, the submittal will be not be accepted and returned without review.

- Approval: Approval of a separate material, product, or component does not imply approval of the assembly in which the item functions.

6.3 Scheduling

- Coordination: The preparation and processing of submittals will be coordinated with performance of the Work so that Work will not be delayed by submittal processing or the need for resubmission.

- Review Period: Except as specified otherwise, the review period, beginning with receipt by the approving authority, is at least 10 working days for submittals requiring QC Engineer approval and an additional 10 working days for submittals requiring Contracting Officer or designated representative approval. The period of review for submittals with Contracting Officer or designated representative approval begins when the Government receives the submittal from FWENC's Contract Task Order Quality Control organization. The period of review for each resubmittal is the same as for the initial submittal.

6.4 Quality Control Engineer Responsibilities

- Receiving Date: Note the date on which the submittal was transmitted to the Contracting Officer or designated representative on each submittal.

- Verify Field Conditions: Determine and verify field measurements, materials, field construction criteria; review each submittal; and check and coordinate each submittal with requirements of the Work and Contract Documents.

- Legible. Ensure that material is clearly legible.

- Certification Stamp. Stamp each sheet of each submittal with the certification stamp, except that data submitted in bound volume or on one sheet printed on two sides may be stamped on the front of the first sheet only.

  (1) When the approving authority is the Contracting Officer or designated representative, the QC organization will certify submittals forwarded to the Contracting Officer or designated representative with the following certifying statement:

I hereby certify that the (equipment) (material) (article) shown and marked in this submittal is that proposed to be incorporated into Contract Number N62472-99-D-0032, is in compliance with the Contract Drawings and Technical Specification, can be installed in the allocated spaces, and is submitted for Government approval. Certified by Submittal Reviewer _____ Date _____ (signature when applicable) Certified by QC Engineer _____ Date _____ (signature)

(2) When the approving authority is the QC Engineer, the QC Engineer will use the following approval statement when forwarding submittals to the Contracting Officer or designated representative as "Approved" or "Approved as Noted."

I hereby certify that the (equipment) (material) (article) shown and marked in this submittal is that proposed to be incorporated into Contract Number N62472-99-D-0032, is in compliance with the Contract Drawings and Technical Specification, can be installed in the allocated spaces, and is approved for use. Certified by Submittal Reviewer _____ Date _____ (signature when applicable) Approved by QC Engineer _____ Date _____ (signature)

- Signature: Sign the certifying statement or approval statement. The person signing the certifying statements shall be the Quality Control Program Manager, the Quality Control Engineer or a person designated in writing by the Quality Control Program Manager as having that authority. The signatures shall be in original ink. Stamped signatures are not acceptable.

- Transmission: Transmit submittals to the Contracting Officer or designated representative in orderly sequence, in accordance with the submittal register in order to prevent delays in the work, delays to the Navy, or delays to separate Subcontractors.

- Action: Act on submittals, determining the appropriate action based on the project schedule and status of returned submittals from the Contracting Officer or designated representative.

  (1) When the QC Engineer is the approving authority, take the appropriate action on the submittal from the possible actions defined in the paragraph entitled "Government Submittal Actions".

  (2) When the Contracting Officer or designated representative is the approving authority or when a variation has been proposed, forward the submittal to the Government with the certifying statement or act on a returned submittal marked "Incomplete or Deficient Submittal," "Not Accepted for Construction'" or "Revise and Resubmit".

- Submittal Register: Update the submittal register as submittal actions occur and maintain the submittal register at the Project Site until final acceptance of Work by the Contracting Officer or designated representative.

- Revisions: Correct and re-transmit submittals as directed by the Contracting Officer or designated representative. Direct specific attention, in writing on resubmitted submittal, to revisions not requested by the Contracting Officer or designated representative on previous or original submissions.

- Copies: Furnish additional copies of submittals when requested by the Contracting Officer or designated representative, to a limit of 20 submittals.

- Completion of Work: Plan to complete submittal preparation work in time to allow the submittal to occur as scheduled.

- Distribution: When the approving authority is the QC Engineer, forward two copies of each approved submittal, except "samples," where one set is required, to the Contracting Officer or designated representative, unless otherwise noted at the pre-construction meeting.

- Retention: Retain a copy of approved submittals at the Project Site.

- Approval: Ensure no Work has begun until submittals for that Work have been approved by the QC Engineer or by the Contracting Officer or designated representative.

6.5 Government Submittal Actions

Submittals can be returned with one of the following notations:

- Information only: Submittals marked "Not Reviewed" shall indicate the submittal has been previously reviewed and approved or is not required as a submittal for approval. A submittal marked "not reviewed" shall be returned with an explanation of the reason it is not reviewed.

- Not Approved: Submittals marked “Not Accepted” or “Incomplete or Deficient Submittal” are not approved for construction due to nonconformance. Submittals that do not have evidence of being reviewed and approved by the QC Engineer shall be considered incomplete. The “Incomplete or Deficient Submittal” remark indicates that clarification or additional information is needed before conformance can be determined. All submittals not approved shall be resubmitted with appropriate action, coordination, or change.

- Approved: Submittals marked "Accepted for Construction" authorize FWENC to proceed with the work covered.

- Approved as Noted: Submittals marked "Corrections As Noted, Resubmit" authorize FWENC to proceed with the work as noted provided FWENC takes no exception to the notations. Transmission of the revised submittal is for record purposes.

- Revise and Resubmit: Submittals marked "Revise and Resubmit" indicate the submittal does not comply with the design concept or the requirements of the Contract Documents and shall be resubmitted with conforming materials and methods.

6.6 Format of Submittals

6.6.1 Transmittal Form

Transmit each submittal, except sample installations and sample panels, to the office of the Contracting Officer or designated representative. Transmit submittals with a transmittal form prescribed by the Contracting Officer or designated representative. The transmittal form shall identify the submittal as being from FWENC, indicate the date of the submittal, and include information prescribed by the transmittal form and required in the paragraph entitled "Identifying Submittals."

6.6.2 Identifying Submittals

Identify submittals, except sample panels and sample installations, with the following information permanently adhered to or noted on each separate component of each submittal and noted on the transmittal form. Mark each copy of each submittal identically, with the following:

- Project title and location;
- Construction Contract Number and Contract Task Order;
- The section and part number of the section by which the submittal is required;
- The item or control number for the submittal;
- If a resubmission, an alphabetic suffix on the item or control number, for example, #10A, to indicate the resubmission;
- The name, address, and telephone number of the Subcontractor, Supplier, Manufacturer and any other second tier Contractor associated with the submittal; and
- Product identification and location in Project.

6.6.3 Format for Product Data

- *Presentation*: Present product data submittals for each section as a complete, bound volume. Include a table of contents listing page and catalog item numbers for product data.

- *Notation*: Indicate, by prominent notation, each product which is being submitted; indicate the specification section number and paragraph number to which it pertains. For each item listed,

include the trade or brand name, product number, guarantees/warranties, reference standards, and installation instructions.

- *Product Supplement*: Supplement product data with material prepared for the Project to satisfy submittal requirements for which product data does not exist. Identify this material as developed specifically for the Project.

6.6.4 Format for Shop Drawings

- *Size*: Shop drawings shall be not less than 8-1/2 by 11 inches nor more than 30 by 42 inches.

- *Placement*: Present 8-1/2 by 11 inch shop drawings as a part of the bound volume for the submittals required by the section. Present larger drawings in the sets.

- *Information*: Include on each drawing the drawing title, number, date, and revision numbers and dates, in addition to the information required in Paragraph 6.6.2 entitled "Identifying Submittals."

- *Dimensions*: Prepare drawings demonstrating interface with other trades to scale. All details on Shop Drawings submitted for approval shall show clearly the relation of the various parts to the main members and lines of the structure.

6.6.5 Format for Samples

- *Size*: Furnish samples in the sizes below, unless otherwise specified or unless the Manufacturer has prepackaged samples of approximately the same size as specified:

  (1) Sample of equipment or device: Full size.

  (2) Sample of materials: Materials shall be built-up to 8-1/2 by 11 inches if less than said size or cut down to 8-1/2 by 11 inches for those larger than said size. All samples shall be adequate to indicate color, texture, and material variations. Sample of linear devices or materials, such as conduit and handrails shall be 10-inch length or length to be supplied, if less than 10 inches. Sample of non-solid materials (e.g., sand, paint, etc.): One pint, unless specified otherwise in technical sections.

  (3) Sample panel: 4 feet by 4 feet.

  (4) Sample installation: 100 square feet.

- *Range of Variation*: Where unavoidable variations must be expected, submit sets of samples of not less than three units showing the extremes and middle of the range.

- *Reusable Samples*: Incorporate returned samples into the Work only if so specified or indicated. Incorporated samples shall be in undamaged condition at the time of use.

- *Recording of Sample Installation*: Note and preserve the notation of the area constituting the sample installation but remove the notation at the final cleanup of the Project.

- *Color, Texture, or Pattern*: When specified in naming a particular manufacturer and style, include one sample of that Manufacturer and style for comparison.

6.6.6 Format for Administrative Submittals

- *Reference Document*: When the submittal includes a document which is to be used in the Project or become a part of the project record, other than as a submittal, do not apply the Contractor's approval stamp to the document, but to a separate sheet accompanying the document.

- *Operation and Maintenance Manual Data*: Manuals shall be bound in appropriately sized binders with the following information on the cover: Project Owner; Project Location; Contractor; Title of Manual; Equipment Name; and Date.

6.7 Quantity of Submittals

6.7.1 Number of Copies of Product Data

Submit five copies of submittals of product data requiring review and approval by the Contracting Officer unless otherwise directed.

6.7.2 Number of Copies of Shop Drawings

- For shop drawings presented on sheets larger than 8-1/2 inches by 14 inches, submit one reproducible and three prints of each shop drawing prepared for this project unless otherwise directed.

  (1) Transmit reproducibles rolled in mailing tubes.

  (2) After review, the approving authority will retain the prints and return only the reproducible with notations resulting from the review.

- For shop drawings presented on sheets 8-1/2 inches by 14.inches or less, conform to the quantity requirements for product data unless otherwise directed.

6.7.3 Number of Copies of Samples

- Submit two samples, or two sets of samples showing range of variation, of each required item. One approved sample or set of samples will be retained by the approving authority and one will be returned to the Contractor unless otherwise directed.

- Submit one sample panel or sample installation, where directed.

6.7.4 Number of Copies of Administrative Submittals

- Unless otherwise specified, submit administrative submittals which are 8-1/2 inches by 14 inches or smaller in the quantity required for product data.

- Unless otherwise specified, submit administrative submittals larger than 8-1/2 inches by 14 inches in the quantities required for shop drawings.

6.8 Schedule of Submittal Descriptions

6.8.1 Product Data

Submittals which provide calculations, descriptions, or other documentation regarding the Work including:

- Manufacturer's Catalog Data

  Data composed of catalog cuts, brochures, circulars, specifications, and product data, and printed information in sufficient detail and scope to verify compliance with requirements of the Contract Documents.

- Manufacturer's Standard Color Charts

  Preprinted illustrations displaying choices of color and finish for a material or product.

- Instructions

  Preprinted material describing installation of a product, system, or material, including special notices and material safety data sheets, if any, concerning impedance's, hazards, and safety precautions.

- Test Reports

  A report signed by an authorized official of a testing laboratory that a material, product, or system identical to the material, product, or system to be provided has been tested in accordance with requirements specified by naming the test method and material. The test report must state the test was performed in accordance with the test requirements; state the

test results; and indicate whether the material, product, or system has passed or failed the test. Testing must have been within 3 years of the effective date of award of the Contract Task Order.

6.8.2 Shop Drawings

Submittals which graphically show relationship of various components of the Work, schematic diagrams of systems, detail of fabrications, layout of particular elements, connections, and other relational aspects of the Work including:

- Design Data

  Design calculations, mix designs, analyses, or other data, written in nature and pertaining to a part of the Work.

- Schedules

  A tabular list of data or tabular list including location, features, or other pertinent information regarding products, materials, equipment, or components to be used in the Work.

- Statements

  A document, required of the Contractor, or through the Contractor by way of a Supplier, Installer, Manufacturer, or other lower tier Contractor, the purpose of which is to further the quality or orderly progression of a portion of the Work by documenting procedures, acceptability of methods or personnel, qualifications, or other verification of quality.

- Reports

  Reports of inspection and laboratory tests, including analysis and interpretation of test results. Each report shall be properly identified. Test methods used and compliance with recognized test standards shall be described.

- Factory Test Reports

  A written report which includes the findings of a test required to be performed by the Contractor on an actual portion of the Work or prototype prepared for this Project before it is shipped to the Job Site. The report must be signed by an authorized official of a testing laboratory and must state the test was performed in accordance with the test requirements; state the test results; and indicate whether the material, product, or system has passed or failed the test.

- Field Test Reports

  A written report which includes the findings of a test made at the Job Site, in the vicinity of the Job Site, or a test on a sample taken from the Job Site, or a test on a portion of the Work, during or after installation. The report must be signed by an authorized official of a testing laboratory or agency and must state the test was performed in accordance with the test requirements; state the test results; and indicate whether the material, product, or system has passed or failed the test.

- Certificates

  Statements signed by responsible officials of a Manufacturer of a product, system, or material attesting that the product, system, or material meets specified requirements. The statements must be dated after the award of this Contract, name the Project, and list the specific requirements which it is intended to address.

6.8.3 Samples

Samples, including both fabricated and unfabricated physical examples of materials, products, and units of work as complete units or as portions of units of work including:

- Color Selection Samples

  Samples of the available choice of colors, textures, and finishes of a product or material, presented over substrates identical in texture to that proposed for the Work.

- Sample Panels

  An assembly constructed at the Project Site in a location acceptable to the Contracting Officer or designated representative and using materials and methods to be employed in the work; completely finished; maintained during construction; and removed at the conclusion of the work or when authorized by the Contracting Officer or designated representative.

- Sample Installations

  A portion of an assembly or material constructed where directed and, if approved, retained as a part of the Work.

6.8.4 Miscellaneous Submittals

Work related submittals that do not fit into the previous categories including:

- Administrative Documents

  Documentation to ensure compliance with an administrative requirement or to establish an administrative mechanism.

- Operation and Maintenance Manuals

  Data intended to be incorporated in an operations and maintenance manual.

6.9 Initial Submittal Register

See Appendix 'D' – Initial Submittal Register

7.0 Testing Laboratory Information

7.1 Testing Laboratory Requirements

An independent testing laboratory will be provided and qualified to perform sampling and testing required for this Contract Task Order. Laboratories performing Work in connection with construction testing will be certified in the methods specified by this Contract Task Order.

7.2 Accredited/Certified Laboratories

7.2.1 Environmental Projects (IRP or BRAC)

Laboratories that Foster Wheeler Environmental contracts with in order to perform Installation Restoration Program (IRP) work funded by ER,N (formerly DERA) or BRAC (ER,N eligible in the absence of BRAC funding) must successfully have completed the Navy Laboratory Evaluation Program. Unless otherwise specified, sampling and analysis will be performed using current EPA procedures and Quality Control. Any deviations from the above will have a written approval by the appointed QA Engineer of the applicable Engineering Field Division/Activity (EFD/A) prior to commencement of any sampling and analysis by the proposed laboratory.

7.2.2 Non-Environmental Projects

Acceptable accreditation programs are the National Institute of Standards and Technology (NIST), National Voluntary Laboratory Accreditation Program (NVLAP), the American Society of Testing and Materials (ASTM), the American Association of State Highway and Transportation Officials (AASHTO) Program, and the American Association for Laboratory Accreditation (AALA) Program.

The Contracting Officer or designated representative will be provided with a copy of the certificate of accreditation, scope of accreditation, and the latest directory of the accrediting organization for accredited laboratories.

The scope of the laboratory's accreditation will include the test methods specified by the Contract Task Order. Requested deviations from the above requirements must be approved in writing by the Contracting Officer or designated representative prior to commencement of any sampling and analysis by the proposed laboratory.

On-site chemical analysis by mobile laboratories will be performed by laboratories certified by the State (if available) in which the project/site is located.

7.2.3 Non-Navy Projects

Accreditation requirements for laboratories performing work funded by other DoD programs, will be submitted for approval in writing to the appointed QA Engineer.

7.3 Capability Check

The Contracting Officer or designated representative retains the right to check laboratory equipment in the proposed laboratory and the laboratory technician's testing procedures, techniques, and other items pertinent to testing, for compliance with standards set forth in the Contract Task Order.

7.4 Test Results

Test results will be reported citing applicable Contract Requirements, tests or analytical procedures used. The actual laboratory test results will be provided and will include a statement that the item tested or analyzed conforms or fails to conform with specified requirements. This will be conspicuously stamped on the cover sheet of each report in large red letters "CONFORMS" or "DOES NOT CONFORM" to the specification requirements.

Laboratory test results will be signed by a testing laboratory representative authorized to certify test reports. The signed reports, certifications, and other pertinent laboratory information will be furnished to the Contracting Officer or designated representative through the submittal processing system as required by the Contract Task Order.

A summary report of field tests will be provided to the Contracting Officer or designated representative through the last Daily Contractor Quality Control Report of each month.

For test results involving samples from environmental projects (as defined above), deliverables will be defined in the applicable Sampling and Analysis Plan.

8.0 Testing Log

8.1 Pre-Construction Testing Plan and Log

The Pre-Construction Testing / Inspection Log is developed by the QC Engineer based on the list of definable features of work for this Project. The QCPM will develop the Pre-Construction Testing Log if the QC Engineer has not been assigned at the time of the development of the CQC Plan. Also see Section 11.0 List of Definable Features.

8.2 Construction Testing Log

As tests are performed, the QC Engineer will record the following and attach to or include in the Construction Testing Log:

- The date the test was conducted;
- The date the test results were forwarded to the Contracting Officer or designated representative; and
- Remarks and acknowledgement that an accredited or Contracting Officer approved testing laboratory was used.

A copy of the updated Construction Testing Log will be attached to the last Daily Quality Control Report of each month.

See Appendix 'E' – Initial Testing Log

9.0 Procedures to Complete Rework Items

9.1 Rework Item – General

A Rework Item is a part or aspect of a definable feature of work that does not comply with the Contract. This item can be, but is not limited to placed or delivered material; a delivered, installed or fabricated piece of equipment; or deficient workmanship that can cause a material, equipment or functionality of a system to perform less than specified by the requirements for that item.

9.2 Control of Rework Items

During the conducting of field activities, if identification is made of an item or a feature of work that does not comply with the Project Requirements, it will be noted with a full description in the Daily QC Report.

If the item or feature of work is brought into compliance before the end of the work day, this shall be noted in the Daily QC Report and no further documentation is required.

If the item or feature of work is not brought into compliance by the end of the work day, it is logged onto the Rework Item List. See Appendix 'F' – Forms (Basic), for a sample 'Rework Item List' form. The following information is required for initial logging of an item:

- Unique identifying number;
- Date identified;
- Description of item;
- Requirement not met (i.e. technical specification section, construction drawing detail, etc.); and
- Immediate action taken by the QC Engineer.

Once the resolution is decided and acted on, the following is added to the rework item to close it out:

- Resolution to bring the item or feature of work into compliance; and
- Date of completion.

9.3 Maintenance and Distribution

The Rework Item List is maintained by the QC Engineer at the Project Site. Items to be included on this list, also include those identified by the Contracting Officer or designated representative. A copy of the Rework Items list will be included with the last Daily QC Report of each month.

10.0 Documentation Procedures

The QC Engineer will maintain a current and complete set of records that document the quality of the constructed Project. A copy of these records will be maintained at the Project Site and will be readily available to the Contracting Officer or designated representative for review or audit purposes. At a minimum, these records shall include, but not be limited to:

10.1 Daily Construction Report

Daily Construction Reports are required for each day that Work is performed and will be attached to the Daily Quality Control Report prepared for the same day. Each calendar day will be accounted for throughout the life of the Project. The reporting of the Work will be identified by terminology consistent with the construction schedule. Daily Construction Reports will be prepared, signed and dated by the Project Superintendent and will contain the following information:

- Date of report, report number, name of Contractor (FWENC), Contract Number, Project title, Project location and Superintendent present.

- Weather conditions in the morning and in the afternoon including maximum and minimum temperatures.

- A list of Contractor (FWENC) and Subcontractor personnel on the Work Site, their trades, employer, work location, description of Work performed and hours worked.

- A list of job safety action taken and safety inspections conducted. Indicate that safety requirements have been met including the results of the following:

  (a) Was a job safety meeting held? (If YES, attach a copy of the meeting minutes)
  (b) Were there any lost time accidents? (If YES, attach a copy of the completed incident report)
  (c) Was trenching, scaffold, high-voltage electrical, or high work done? (If YES, attach a statement or checklist showing inspection performed)
  (d) Was hazardous material or waste released into the environment? (If YES, attach description of incident and proposed action)

- A list of equipment and material received each day that is incorporated into the Job.

- A list of construction and plant equipment on the Work Site including the number of hours used, idle and down for repair.

- Include a 'Remarks' section, which will contain pertinent information including directions received, problems encountered during construction, work progress and delays, conflicts or errors in the Contract Drawings or Technical Specifications, field changes, safety hazards encountered, instructions given and corrective action taken and a record of visitors to the Work Site.

See Appendix 'F' – Forms (Basic) for a sample Daily Construction Report (DCR).

10.2 Daily Quality Control Report

A Daily Quality Control Report is required for each day that work is performed and for every 7 consecutive days of no-work, on the last day of that no-work period. Each calendar day will be accounted for throughout the life of the Project. The reporting of Work will be identified by terminology consistent with the construction schedule. Contractor Quality Control Reports will be prepared, signed and dated by the Quality Control Engineer and will contain the following information:

- Identification of the control phase and the definable feature of work.

- Results of the preparatory phase meetings held, including the location of the definable feature of work, that Drawings and Specifications have been reviewed, submittals have been approved, materials comply with approved submittals, materials are stored properly, preliminary Work has been done correctly, the testing plan has been reviewed and work methods have been discussed.

- Results of initial phase meetings held, including the location of the definable feature of work and a list of personnel present at the meeting. Verify in the report that for each definable feature of work, the preliminary Work was done correctly, samples were prepared and approved, the

workmanship is satisfactory, test results are acceptable, the Work is in compliance with Project Requirements, and a list of who performed the required testing.

- Results of follow-up phase inspections held, including the location of the definable feature of work. Verify in the report for each definable feature of work that the Work complies with Project Requirements as approved in the initial phase, required testing has been performed and a list of who performed the tests.

- Results of the three phases of control for off-site Work, if applicable, including actions taken.

- List rework items identified, only if not corrected by close of business day.

- As rework items are corrected, a revised Rework Item List will be provided along with the corrective actions taken.

- Include a 'Remarks' section, which will contain pertinent information including directions received, QC problem areas, deviations from the CQC Plan, construction deficiencies encountered, QC meetings held, acknowledgment that as-built drawings have been updated, corrective direction given by the QC Engineer and corrective actions taken.

See Appendix 'F' – Forms (Basic) for a sample Contractor Quality Control Report (CQCR).

10.3 Record of Quality Control Meetings

After the start of Site Work, the QC Engineer will conduct QC meetings as required by the Contracting Officer or designated representative at the Work Site, with the Project Superintendent and the Foreman responsible for the upcoming Work. Meetings conducted will be recorded within the CQC Report. The Contracting Officer or designated representative will be notified at least 24 hours in advance of the QC meeting and may attend any of these meetings. These meetings may be held in conjunction with other meetings (i.e. tool box safety meetings). As a minimum, the following will be accomplished at each meeting:

- Review of the minutes of the previous meeting and the project schedule.

- Review Work and testing accomplished since last meeting.

- Review rework items identified and/or completed since last meeting. Establish completion dates for rework items.

- Review the status of submittals including submittals reviewed and approved since last meeting. Identify submittals required in the near future.

- Review the Work to be accomplished in the next 2 weeks and documentation required. Schedule the three phases of control and testing: Preparatory phase; Initial phase; and Follow-up phase.
- Review the status of off-site Work or testing.
- Identify documentation required.
- Resolve QC and production problems. Address items that may require revising the CQC Plan such as changes in procedures.

See Appendix 'F' – Forms (Basic) for a sample Record of Quality Control Meetings Form.

10.4 Testing Log

As tests and inspections are performed, the QC Engineer will update or append the Construction Testing Log. A copy of the lasted updated Construction Testing will be attached to the last Daily Quality Control Report of each month. See Appendix 'E' – Initial Testing Log.

10.5 Rework Items List

As new rework items are identified and old items are corrected, the QC Engineer will update the Rework Item List. A copy of the last updated Rework Item List will be attached to the last Daily Quality Control Report of each month. See Appendix 'F' – Forms (Basic), for a sample 'Rework Item List' form.

10.6 As-Built Records

The QC Engineer will review the as-built records to ensure they are kept current on a daily basis and are clearly marked to show deviations which have been made from the Contract Drawings.

11.0 List of Definable Features

11.1 Definable Feature of Work

A definable feature of work (DFOW) is a task which is separate and distinct from other tasks and requires separate quality control requirements. A DFOW can be identified by different trades or disciplines; by an item or activity on the construction schedule; specification sections; or critical path activities.

11.2 DFOW Sources

DFOW's are determined from a review of the pre-construction documentation such as task related Work Plans, design drawings, shop drawings, statements of work, scopes of work, pre-constructions letters of direction, and approved pre-construction change requests.

11.3 Listing

See Appendix 'H' for the List of Definable Features.

12.0 Procedures for Performing the Three Phases of Control

The QC Engineer will perform the three phases of control for each definable feature of work to ensure that the Work complies with Contract Requirements. Definable features of work are to be specified in the CQC Plan and approved by the Contracting Officer or designated representative. The three phases of control will adequately cover appropriate on-site and off-site work and will include the following:

12.1 Preparatory Phase

The Contracting Officer or designated representative will be notified at least 2 working days in advance of each preparatory phase. The QC Engineer will conduct the preparatory phase with the Project Superintendent and the Foreman responsible for the definable feature of work. The results of the preparatory phase will be documented in the Daily Quality Control Report (DQCR). This phase will be performed prior to beginning Work on each definable feature of work and will include as a minimum:

- Review each paragraph of the applicable Specification sections as well as the Contract Drawings.
- Verify the appropriate shop drawings and submittals for materials and equipment have been submitted and approved. Verify receipt of approved factory test results, when required.
- Review the testing plan and ensure that provisions have been made to provide the required QC testing.
- Examine the Work Area to ensure that the required Preliminary Work has been completed.
- Examine the required materials and equipment, and sample work to ensure that materials and equipment are on hand and conform to the approved shop drawings and submitted data.
- Review the Project Health & Safety Plan and appropriate Activity Hazard Analysis to ensure that applicable safety requirements are met, and that required Material Safety Data Sheets (MSDS) are submitted.
- Discuss construction methods.

See Appendix 'F' – Forms (Basic), for the Preparatory Phase Checklist.

12.2 Initial Phase

The Contracting Officer or designated representative will be notified when crews are ready to start Work on a definable feature of work. The QC Engineer will perform a surveillance/observation of the initial

segment of the definable feature of work to ensure that the Work complies with the Contract Requirements. The results of the initial phase will be documented in the Daily Quality Control Report. The initial phase will be repeated when acceptable levels of specified quality are not being met. This phase will be performed at least once on each definable feature of work and will include as a minimum:

- Establish the quality of workmanship required.
- Resolve conflicts.
- Review the Project Health and Safety Plan and the appropriate Activity Hazard Analysis to ensure that applicable safety requirements are met.

See Appendix 'F' – Forms (Basic), for the Initial Phase Checklist.

12.3 Follow-Up Phase

The following will be performed for on-going work daily, or more frequently as necessary until the completion of each definable feature of work and document in the Daily Quality Control Report:

- Ensure that the Work is in compliance with Contract Requirements.
- Maintain the quality of workmanship required.
- Ensure that testing is performed.
- Ensure that rework items are being corrected.

12.4 Notification of the Three Phases of Control for Off-Site Work

The Contracting Officer or designated representative will be notified at least 2 weeks prior to the start of the Preparatory and Initial Phases for Off-Site work.

APPENDIX A

- RESUMES -

CARL J. TIPPMANN, PE

Assistant Construction Manager

EXPERIENCE SUMMARY

Twenty-three years of environmental and construction experience with over five years of on-site experience at HTRW sites. Responsible for overseeing all aspects of remediation projects from conception through contract close out. This responsibility includes scoping and bidding work, negotiating changes, managing operations, direct supervision, design engineering oversight, overseeing quality assurance and field compliance with regulatory as well as contractual requirements, interfacing with client, engineer and regulatory agencies. As a member of the FWENC PM-300 Project Management Training Course committee, developed the Change Management module for the course.

Extensive field and management experience in environmental remediation and construction. Supervised and managed thermal treatment facility operation, water treatment plant operation, site characterization investigation, hazardous waste excavation, removal, off-site disposal, slurry wall construction, GCL and membrane liner construction, encapsulation, stabilization, RCRA Subtitle C and D landfill closures, and site restoration. Also managed dredging, habitat restoration, pile driving, earthwork, concrete, steel erection and mechanical, HVAC and electrical equipment installation contracts.

EDUCATION

B.S. (Bachelor of Science), Civil Engineering Structures, Purdue University, West Lafayette, IN, 1978

REGISTRATIONS/CERTIFICATIONS

Professional Engineer, Civil
IN, #PE60860201, Date of Issue: 07/31/1986, Date of Expiration: 07/31/2002
Professional Engineer, Civil
NJ, #GE38152, Date of Issue: 04/30/1992, Date of Expiration: 04/30/2002
Professional Engineer, Civil
PA, #PE045388R, Date of Issue: 09/30/1993, Date of Expiration: 09/30/2001

TRAINING

DOT/HM-126F 49 CFR 172, Subpart H HazMat Training, FWENC, 2001
Waste Management Training Program 40 CFR 265.16, FWENC, 2001
8-Hour OSHA Hazardous Waste Health and Safety Supervisor Training, FWENC, 1993 - Current
8-Hour OSHA Hazardous Waste Health and Safety Refresher Course, FWENC, 2001
Corporate Project Management Training-PM300, FWENC, 1999
Project Management Training-PM200, FWENC, 1996
Project Management Training-PM100, FWENC, 1995
Loss Control Self Study Course Training, FWENC, 1995
Construction Quality Management Training, USACOE, 1995
RCRA Regulations Training Seminar, Government Institutes, 1995
40-Hour OSHA Hazardous Waste Health and Safety Training, Emilcott Associates, 1992

FOSTER WHEELER ENVIRONMENTAL CORPORATION EXPERIENCE

Project Manager , July 2000 to Present
U.S Navy, EFA-NE Remedial Action Contract, N62472-99-D-0032 CTO 02, McAllister Point Dredging Project, Newport, RI
Managed a $8.1 Million removal action. The removal action involved removal of 40,000 tons of contaminated and solid waste located in shallow water immediately offshore of the McAllister Point Landfill. To access the material an innovative approach was developed to build a rockfill access road in the water and utilize this material for backfill once the waste had been removed. This approach reduced the cost of the project by $12 Million. Developed a detailed geotechnical monitoring program to assure slope stability of the landfill to allow removal of waste along the toe to vertical depths of 12 feet without the need to install sheetpile shoring saving the client $2 Million. By performing a Habitat Survey of the area to be dredged, was able to demonstrate that dredging work could be accomplished during favorable summer seasonal period not normally permitted without detrimental impact to essential fish habitats. When a eelgrass bed was identified within the area to be dredged, developed an eelgrass mitigation plan that involved transplanting 20,000 plants from the removed area and collecting 500,000 seeds for reseeding to reestablish the equivelent of the 0.2 acres disturbed eelbrass bed.

Project Manager , February 2000 - June 2001
U.S Navy, EFA-NE Remedial Action Contract, N62472-99-D-0032 CTO 06,Goss Cove Landfill, Groton, CT
Managed a $5.5 Million closure of a former naval landfill. The work involved installing a RCRA cap system for a 5-acre landfill currently being utilized as a parking lot for the Nautilus Submarine Museum. This work was being performed as a presumptive remedy under CERCLA. In conjunction with the landfill cap this project included replacement of three 42-inch diameter storm drains with a 4 foot by 10 foot concrete box culvert extending through the landfill supported by drilled concrete piles and driven steel H piles. Installation of the box culvert outfall was closely coordinated with the Providence and Worcester Railroad. Installation was performed in an around the clock weekend operation due to the need to excavate under the railroad. Final site restoration included replacement of asphalt, concrete curbs, sod, shrubs, trees and museum displays. To minimize impact to the museum operations, developed alternative project schedule to complete this project using an accelerated work schedule during a single off season thereby shorting the project schedule by 18 months.

Project Manager , April 1999 - April 2000
U.S Navy, EFA-NE Remedial Action Contract, N62472-94-D-0300 DO 11, Melville North Landfill, Newport, RI
Managed a $8.7 Million Remedial Action to a landfill at a former naval landfill. This work was performed as a voluntary cleanup under Rhode Island Remediation Regulations. The work involved removal of 95,000 tons of waste material, including 20,000 tons of RCRA waste and 1,200 tons of TSCA waste. The project was originally scoped, by the client, to involve removal of 60,000 tons of waste, including 50 tons of TSCA waste. By closely managing the changes in quantities the project was completed to the client's satisfaction with minimal additional funding required. Additional changes during the project included discovery of low level radioactive waste in the waste material leaving the site and discovery of oil contamination in an area of the site previously believed to be clean. The radioactive waste was managed by installing a monitor to screen all trucks exiting the site. The oil contamination was addressed by delineating the extent of contamination and conducting a removal action.

Project Manager, September 1997 - June 1999
U.S Navy, EFA-NE Remedial Action Contract, N62472-94-D-0300 DO 25, Allen Harbor Landfill, Davisville, RI
Managed a $9.8 Million Remedial Action to an existing landfill at a naval facility undergoing closure under the Base Realignment Closure Act (BRAC). The work was performed in accordance with a

selected remedy for the CERCLA site. The work involved providing a RCRA Subtitle C landfill cap over 8.5 acres and a soil barrier over the remaining 4 acres. 53,000 tons of rock was placed for construction of shoreline revetment and breakwater. 28,000 CY of channel sediment was dredged and placed along the landfill shoreline, resulting in the creation of a shoreline wetland buffer. The excess dredge material was used as landfill cover. In partnership with the design engineer and the Navy, the design process was streamlined allowing a fast track approach to commencing construction with minimal design changes.

Project Manager, September 1997 - June 1998
U.S Navy, EFA-NE Remedial Action Contract, N62472-94-D-0300 DO 34, Areas 4 & 5 Landfill, NWS Earle, NJ
Managed a $5.5 Million Remedial Action to two landfills within ordinance storage areas at an operating naval facility. This work is being performed in accordance with a selected remedy for a CERCLA site. The work involves providing an RCRA Subtitle D landfill caps over 2.9 and 7.9 acre sites. Directed finalization of the landfill design including deletion of a skeet range, which was originally slated for reestablishment over the landfill. When lead contamination was discovered in an adjacent shot fall area, rapidly developed and implemented a removal plan which was able to utilize available landfill construction labor and equipment resources. Supervised landfill redesign to incorporate additional available fill material and improve site drainage.

Project Manager, March 1997 - May 1998
U.S Navy, EFA-NE Remedial Action Contract, N62472-94-D-0300 DO 29, Girard Point Management Area, Philadelphia, PA
Lead a $5.5 Million design and construction effort to contain asbestos and other contaminates by capping the 20-acre Girard Point Management Area at the Philadelphia Naval Shipyard (PNSY). Worked with the Navy, EPA, PADEP and Fish and Wildlife Service to develop an optimal end use for the site. The final site plan allowed for protection of an existing wetland and reestablishment of vegetation to support wildlife on part of the site, while allowing the remainder of the sites to be available for economic development. Additionally, supported the Navy effort to turn the facility over to the Philadelphia Industrial Development Corporation (PIDC) by performing other environmentally related tasks such as cleaning and demolishing three 1 million gallon plus above ground fuel storage tanks including performing post removal sampling, closure in place of two 25,000 gallon underground storage tanks, converting 6 production wells to monitoring wells, operation of bioslurper to remove hydrocarbon product, and removal of over 14,000 CY of contaminated soil at various sites.

Project Manager, September 1997 - December 1997
U.S Navy, EFA-NE Remedial Action Contract, N62472-94-D-0300 DO 20, Lead Ingot Storage Erosion Control, Mechanicsburg, PA
Managed a $200,000 installation of sediment control measures at the lead ingot storage yards. The work performed included placement of over 1000 tons of stone, upgrading drainage inlets and replacement of curbing and roadway. By re-sequencing the construction direct contact with contamination was minimized, reducing worker exposure and reducing decontamination and material handling costs, saving the Navy $40,000.

Project Manager, December 1996 - September 1997
U.S Navy, EFA-NE Remedial Action Contract,N62472-94-D-0300 DO 24, Area A Landfill, Groton, CT
Managed a $7.2 Million Remedial Action to an existing landfill and adjacent uncontrolled dumping area at an active naval facility. This work was performed under an interim remedial design for a CERCLA site. Work included characterization and delineation of contamination, waste relocation, clearing, grubbing, building demolition, drum extraction and disposal, and construction of a 10-acre RCRA

Subtitle C landfill cap, access roads, storm drainage, fencing and buildings. Directed the preparation of work plans and health and safety plans. By coordinating the performance of multiple sequential tasks concurrently, this project was completed a month ahead of schedule, saving the client $1.9 million.

Consultant, March 1996 - June 1996
U.S. Army Corps of Engineers; New England TERC, NA, Raymark, Stratford, CT
Provided constructability review and recommendation on use of dynamic compaction at this Brownfields site.

Project Engineer, May 1992 - November 1996
U.S. Army Corps of Engineers, BROS Superfund Site,DACW41-89-0053, BROS, Bridgeport, NJ
Responsible for management of client contract as well as all subcontracts involving dredging and incineration of 120,000 cubic yards of PCB-contaminated soil, sediment, debris and oil, reclamation of the 13-acre lagoon, refurbishment and operation of the wastewater treatment system, installation and operation of a mobile rotary kiln incinerator and complete site restoration. Prepared Soil Erosion and Sediment Control Plans. Interacted with state and USEPA Superfund Branch. In partnership with the USACOE, Contracting Officers Representative (COTR) developed an equitable quantity measurement and payment method for significant increases in contract quantities.

Project Engineer, March 1992 - April 1992
Chevron, Ortho Chemical Site, Soil Removal, South Plainfield, NJ
Supervised staff of 10 performing a $2 million removal action of pesticide-contaminated soils in compliance with a New Jersey State Administrative Consent Order. Tasks included erosion control, excavation, off-site transportation and disposal, confirmatory sampling, documentation and backfilling. Project team earned the National Safety Council's Award for Safety during this period.

Resident Engineer, November 1990 - November 1991
Cogen Technologies, Linden Cogen, Linden, NJ
Supervised installation of three miles of underground high voltage power line. Responsible for managing subcontracts totaling more than $30 million. Project included four 2,500-foot horizontal, directionally drilled borings, 5 miles of cable duct bank installation by trenching, and excavation and stockpiling of contaminated soil encountered during construction. Work involved pile driving, excavation, concrete placement, heavy rigging, welding and electrical conduit installation. Developed and implemented plans and protocols for handling contaminated soil. Supervised staff of up to 150 craft labor, professional and subcontractor staff.

Assistant Resident Engineer, January 1989 - November 1990
Sithe Energies USA, Allegheny Hydro, Kittanning, PA
Provided technical oversight of construction of a $60 million hydroelectric project. Managed and supervised all subcontracts, including $26 million Turbine Equipment Contract and $5 million Pile driving and Dredging Contract. Supervised contracts for QC, Caisson Installation, Controlled Blasting, Demolition, Dewatering System Installation, HVAC, Concrete Supply, Roofing, Painting, Fencing and Paving. Construction included placement of 40,000 cubic yards of concrete, installation of precast concrete girders, channel excavation and installation of structural backfill. Prepared soil and sediment control plan according to state and federal requirements. Supervised up to ten staff employees and directed 120 craft labor.

Construction Engineer, July 1987 - January 1989
Catalyst Energy Development, NA, S.A. Murray Project, Videlia, LA

Responsible for field supervision of a $120 million subcontract for the excavation and concrete phases of a $300 million hydroelectric project. Supervised excavation of 5 million cubic yards of soil, placement of 4,300,000 cubic yards of concrete and installation of a 1,200-foot slurry wall. Supervised one mile highway detour and eventual relocation onto a new 1,200-foot multi-span bridge. Developed and obtained state DOT approval for traffic flow relocation plan. Managed the supervision of 200 subcontractor craft labor.

Construction Engineer, January 1983 - July 1987
Houston Lighting and Power, South Texas Project, Bay City, TX
Responsible for support of Civil Construction. Work included installation of concrete, structural steel and architectural features such as coating, concrete block walls, doors, windows, etc. Supervised team of eight engineers in this task.

Civil Engineer, April 1981 to January 1983
Washington Public Power, Satsop Project, Elma, WA
Responsible for overseeing $50 million in subcontractor construction of a 200,000-cubic-yard concrete structure.

PREVIOUS EXPERIENCE

Project Engineer, April 1979 - December 1980
Hoosier Energy, Steel Erection Contract, Meran Power Plant, Meran, IN
Responsible for providing technical support for erection of over 10,000 tons of structural steel including a 200-foot high boiler structure, a 120-foot open span turbine enclosure, and administrative office buildings.

Field Engineer, June 1978 - April 1979
Shell Oil, Norco Refinery Expansion, Norco Refinery Expansion, Norco, LA
Supervised construction activities involving piledriving, concrete foundations, and steelerection.

PUBLICATIONS & PRESENTATIONS

PROFESSIONAL ACCOMPLISHMENTS

The Letter of Award from Department of The Navy, Paul G. Briegel, RAC Program Manager, dated 09/23/1998, copy can be found in "
HQ_Filer1\Corpdata\AWARDS\COMMEND\DOD\Navy\Nordivra.doc".

E-Mail from Department of The Navy, Tom Gibson, RAC NTR dated January 4, 2000

The August 1, 2001 Letter from Department of The Navy, David P. Rule.

PROFESSIONAL AFFILIATIONS

DISCIPLINE CODES

Civil Engineers: 004, Primary
Construction Experts: 109, Secondary

SKILL SET

TECHNICAL EXPERTISE

LANGUAGE SKILLS

English *Knowledge Level:* Primary

PROFESSIONAL REFERENCES

RELATED COMPANY INFORMATION

Office Location: Langhorne
FWENC Hire Date: 4/9/81
Years with Other Firms: 3
Daytime Telephone: 215-702-4044
E-mail Address: ctippmann@fwenc.com

Thomas J. Kelly

Quality Control Program Manager

EXPERIENCE SUMMARY

More than 26 years of professional experience, including 14 years of construction management experience responsible for construction quality control (CQC) of large-scale, multi-site remedial projects, including Comprehensive Environmental Response Compensation and Liability Act of 1980 (Superfund) (CERCLA), Resource Conservation and Recovery Act (RCRA), and private client sites. More than 14 years of experience in CQC for the US Army Corps of Engineers (USACE) in the New York, Philadelphia, Baltimore, and New England Districts. Includes onsite soil incineration, wastewater treatment, onsite soil low temperature thermal desorption, installation of lateral support systems for deep excavations, installation of landfill cap systems, installation of gas collection and thermal oxidation gas treatment systems, underground storage tank (UST) removal, drum excavation, overpacking and removal, demolition, leachate collection system, installation of groundwater extraction wells, and UXO work.

REGISTRATIONS/CERTIFICATIONS

Certified Operator of Nuclear Compaction Testing Equipment, Troxler Electronic Laboratories, Inc.1988

TRAINING

40-Hour Hazardous Waste Site Training Course, OSHA 29 CFR 1910.120(e)(3), 1987
8-Hour Hazardous Waste Refresher Course, OSHA 29 CFR 1910.120(e)(8), 2002
8-Hour Supervisory Training, OSHA, 1987
Competent Person Training for excavation, 1991
HM 181/126F Hazardous Waste Shipping Training, 2001
Sampling Training, 1994
USDOT/IATA HAZMAT Shipping Training, 2001
USACE Construction Quality Management for Contractors, 1996, 2001
Waste Management Training, 2001

EDUCATION

BS / Civil Engineering / Drexel University / 1976

REPRESENTATIVE PROJECT EXPERIENCE

Foster Wheeler Environmental Corporation, Langhorne, PA; Supervisory Remediation Engineer (1998 - Present) - Responsible for providing construction quality control of large-scale, cost reimbursable, multi-site design/build remedial action projects. Responsible for developing, maintaining, and auditing QA/QC programs.

U.S. Navy Engineering Field Activity Northeast, RAC, Pennsylvania, Program Quality Control Manager. Responsible for the QC Program for this $125 million cost reimbursable contract. Responsible for managing QC issues for all work including investigation, engineering, construction, and O&M to achieve closures at military installations located in the Northeastern United States. Responsible for overseeing contract-wide QC compliance, identifying appropriate staff for assignment to task orders, preparing task order QC plans, and resolving any significant quality issues.

USACE New England District, TERC, New England, Quality Control Supervisor. Responsible for the QC Program for this $260 million cost reimbursable contract. Responsible for managing QC issues for all work including investigation, engineering, construction, and O&M to achieve closures at Superfund and military sites. Responsible for overseeing contract-wide QC compliance, identifying appropriate staff for assignment to task orders, preparing task order QC plans, and resolving any significant quality issues.

USACE Baltimore District, Aberdeen Proving Ground RAC, Maryland, Quality Control Manager. Responsible for the implementation of the QC Program for this $25 million cost reimbursable contract. Responsible for managing QC issues for all work including investigation, engineering, construction, and UXO Clearance. Responsible for overseeing contract-wide QC compliance, identifying appropriate staff for assignment to task orders, preparing task order QC plans, and resolving any significant quality issues.

PRIOR EXPERIENCE

Roy F. WESTON, Inc.
West Chester, PA

Old O- Field Permeable Infiltration Unit Superfund Site Remedial Action (RA), Aberdeen Proving Ground (APG), Edgewood, MD, USACE, Quality Control (QC) Manager,1996 - 1998 - Responsible for ensuring project quality by verifying that all project activities are conducted in compliance with contract specifications; federal, state, and local regulations; WESTON Health, Safety, and Environmental policies; and Division standard operating procedures(SOPs). Responsible for conducting and supervising the inspection and testing of all aspects of field work for conformance with the applicable specifications, submittals, regulations, and standards. Developed and maintained a QC reporting and recordkeeping system to meet the requirements of the project. The project includes the construction of the permeable infiltration unit, startup of the system, 1 year of operations and maintenance (O&M) of the permeable infiltration unit on Old O-Field at the Edgewood Area of APG. Old O-Field is a 5-acre hazardous waste and ordnance disposal site that consists of approximately 35 disposal trenches that were used for the burial of chemical munitions, bulk chemical warfare materials, and contaminated materials. The work includes unexploded ordnance (UXO) clearance, site preparation, road construction, utilities installation, construction of the initial sand layer, construction of an auxiliary subsurface trickling system, construction of a subsurface air monitoring system, construction of the final sand layer, construction of the erosion control layer, and construction of a sprinkler system, pump house, and ground water storage tank. The initial site preparation and initial sand layer, will be accomplished using remotely operated low-ground pressure CAT D6H dozer and CAT 320 L excavator equipped with various end effectors.

OHM Remediation Services Corp. (Formerly known as Rust Remedial Services, Inc. & Chemical Waste Management, Inc.)
Trenton, NJ

Cinnaminson Groundwater Contamination Superfund Site RA, Cinnaminson, NJ, U.S. Environmental Protection Agency, QC Manager, 1989 - 1996 - QC Manager - Responsible for ensuring project quality by verifying that all project activities are conducted in compliance with contract specifications; federal, state, and local regulations; OHM health, safety environmental policies; and Division SOPs. Responsible for conducting and supervising the inspection and

testing of all aspects of field work for conformance with, the applicable specifications, submittals, regulations, and standards. Developed and maintained a QC reporting and recordkeeping system to meet the requirements of the project. The work involved consists of providing all monitoring and analytical services, temporary facilities, utilities, access roadways, and site preparation. The construction of an expanded landfill gas management system for two adjacent landfills includes the installation of 28 new gas extraction wells, 5 new replacement gas extraction wells, and approximately 16,700 linear feet (lf) of high density polyethylene (HDPE) gas header pipe varying in diameter from 4 to 10 inches. Installed approximately 4,500 lf of double-walled HDPE condensate force main along with 4 HDPE condensate drains and 4 double-walled HDPE condensate pump stations. In addition, installed a landfill gas blower and enclosed flare system. The project also involves the abandonment of approximately 4,700 lf of existing HDPE gas header pipe and the decommissioning of six condensate traps and one blower house; restoration of the landfill clay cap, sand drainage layer, and topsoil layer; grading of the site to facilitate drainage from the site after remediation; and revegetation of the site.

Drake Chemical Superfund Site RA, Lock Haven, PA, USACE, QC Manager - Responsible for ensuring project quality by verifying that all project activities are conducted in compliance with contract specifications; federal, state, and local regulations; RRS health, safety, and environmental policies; and Division SOPs. Responsible for conducting and supervising the inspection and testing of all aspects of field work for conformance with the applicable specifications, submittals, regulations, and standards. Developed and maintained a QC reporting and recordkeeping system to meet the requirements of the project. The work involved consists of providing all monitoring and analytical services, temporary facilities, utilities, access roadways, site security fencing, and site preparation; the excavation and onsite incineration of all soils within 9.63 acres of the site above elevation 545 ft mean sea level (msl) (approximately 194,520 cubic yards [yd3]); dewatering of a leachate lagoon (approximately 330,000 gallons); design and installation of a lateral support system for deep excavation around the perimeter of the site; design, construction, operation, and closure of an onsite thermal destruction facility; design, construction, operation, and closure of an onsite wastewater treatment plant (WWTP) and stormwater treatment facility; relocation of water and sewer line running through the site; backfilling site excavation with incinerated soil or decontaminated debris; grading of the site to facilitate drainage from the site after remediation; and revegetation of the site.

IndustriPlex Superfund Site RA, Woburn, MA, USEPA, QC Manager - Responsible for ensuring project quality by verifying that all project activities are conducted in compliance with contract specifications; federal, state, and local regulations; CWM health, safety, and environmental policies; and Division SOPs. Responsible for conducting and supervising the inspection and testing of all aspects of field work for conformance with the applicable specifications, submittals, regulations, and standards. Developed and maintained a QC reporting and recordkeeping system to meet the requirements of the project. The work involved consists of the construction of a permeable cover in developed areas comprising geotextile and soil, asphalt, or other cover equivalent totaling approximately 24 acres. Constructed a permeable cover comprising geosynthetics and soil on undeveloped areas consisting of 60 mil textured HDPE, other geosynthetics, and soil totaling approximately 4.4 acres. Other activities included: capping or dredging and capping in wetlands totaling approximately 8.4 acres; installation and startup of a gas collection and thermal oxidation gas treatment system; construction of clean utility corridors and culverts; decommissioning of approximately 120 groundwater wells and piezometers, structures, underground and aboveground tanks, and miscellaneous underground facilities; placement of approximately 3,430 lf of gravel/cobble lining in streams and channels; creation of

approximately 5.8 acres of mitigation wetland involving excavation, capping, and vegetation; and revegetation of capped wetlands.

Waldick Aerospace Superfund Site RA, Wall Township, NJ, USACE, QC Manager – Responsible for ensuring that project activities are conducted according to contract specifications and all applicable regulations, corporate policies, and regional practices. Conduct and supervise inspection and testing of field work for conformance with requirements; and develop and maintain QC reporting and recordkeeping system. Project involves UST removal, drum overpacking and removal, asbestos abatement, structural decontamination and demolition, excavation of soils contaminated with metals and volatiles, low temperature thermal desorption, offsite stabilization and disposal of treated soils, design and installation of lateral support system for deep excavation.

Moyer Landfill Superfund Site RA, Collegeville, PA, USACE, QC Supervisory Engineer - Responsible for ensuring that project activities are conducted according to contract specifications and all applicable regulations, corporate policies, and regional practices. Conduct and supervise inspection and testing of field work for conformance with requirements; and develop and maintain QC reporting and recordkeeping system. Project involved regrading of existing landfill; backfilling with common and select fill; installation of 40mil very low density polyethylene (VLDPE) liner, upper and lower geotextile, geonet, and soil cover over a 65acre site; installation of leachate collection trench around perimeter, vertical gas vents, drainage ditches, culverts, groundwater cutoff test trench, and nine extraction wells; abandonment of monitor wells; and demolition of existing structures and utilities.

Heleva Landfill Supertund Site RA, Omrod, PA, USACE, QC Manager - Responsible for inspecting and testing all work items to ensure conformance with contract specifications and drawings. Project involved regrading of existing landfill; placing common and select fill; installing geotextile, HDPE liner, geonet, and select fill and topsoil over a 20-acre site; and installation of vertical gas vents, drainage ditches, and culverts.

Rollins Environmental Services, Inc.
Chadds Ford, PA,

Hazardous Management Site Services, San Francisco, CA, Lockheed Missiles and Space Company, Project Manager, 1987 - 1989 - Responsible for a hazardous waste site services contract for an operations and research facility. Performed day to day management of professional and technical staff analysis, packaging, transportation, and disposal of hazardous materials being generated at 56 different buildings.

Milpitas, CA, Ford Motor Company, Project Manager - Responsible for the removal, inspection, drainage, flushing, shipment, transportation, and disposal of 22 polychlorinated biphenyl (PCB) transformers. In addition, conducted health and safety spill control, and regulatory compliance management.

Honey Brook, PA, Lanchester Landfill, QC Engineer - Responsible for compaction testing, testing of lines and grades, and site management of field crews and subcontractors. Project involved the installation of a cap, including placement of clay, 50mil polyvinyl chloride (PVC) liner, sand with drainage pipes, geotextile, and cover soil over a 10-acre site.

BROS Superfund Site RA, Bridgeport, NJ, USACE, QC Engineer - Responsible for construction and operation of an aqueous waste treatment system processing 25 million gallons of liquid from a waste oil lagoon; subcontractor management; compaction testing; and staking of site for magnetometer survey.

Cape Atlantic Crane Co., Inc.
Glassboro, NJ

Project Engineer, 1983 - 1987 - Responsible for the installation of utility mains,(water main, gas lines, and sewer lines) in compliance with contract specifications and drawings at various, locations in New Jersey. Reviewed blueprints and engineering drawings, supervised crews, maintained and reviewed material inventory, obtained construction permits, and performed QC checks of site work.

Krane Corp.
Port Elizabeth, NJ

Project Manager, 1980 - 1983 - Responsible for the installation of foundation piles, bulkheads, and docks in compliance with contract specifications and drawings at various locations in New Jersey. Supervised subcontractors and inspected site work to ensure compliance with contract specifications and drawings. Acquired construction permits and scheduled manpower and equipment.

Brian Michael Corp.
Folcroft, PA

Project Manager, 1978 - 1980 - Responsible for the construction of new homes in Wildwood Crest, NJ. Supervised subcontractor and inspected site work to ensure compliance with contract specifications and drawings. Acquired construction permits and scheduled manpower and equipment.

A.V. Smith Engineering Company
Narberth, PA

Project Engineer, 1976 - 1978 - Responsible for a cathodic protection system for an ocean outfall line in Bethany Beach, DE. Inspected and tested contractor's site work to ensure compliance with contract specifications and drawings.

Phase II Infiltration/Inflow (I/I) Analysis, Moultrie, Georgia, Project Engineer, 1976 - 1978 - Responsible for Phase II I/I analysis of a municipal sewer system in Moultrie, GA

Responsible for inspecting and testing cathodic protection systems for municipal and industrial piping systems in Philadelphia, PA.

Betz Environmental Engineers
Plymouth Meeting, PA

Co-op Engineer, 1974 - 1975 - Responsible for Phase I I/I analysis of a municipal sewer system and industrial wastewater collection systems.

Howard, Needles, Tamen and Bergendoff
Haverford, PA

Co-op Engineer, 1973 - 1974 - Responsible for design of highways in Pennsylvania for the Pennsylvania Department of Transportation.

City of Philadelphia Engineering Department
Philadelphia, PA

Co-op Engineer, 1972 - 1973 - Responsible for design of city sewer mains.

MONICA A. BLOCK

Associate Civil Engineer

EXPERIENCE SUMMARY

Ms. Block is a Civil Engineer with two years of experience in the environmental engineering and consulting field. She has prepared feasibility studies, cost estimates, remedial action work plans, and closeout reports. She is experienced in conducting insurance claim reviews; performing piping, pump, landfill, and stormwater calculations; and preparing erosion and sediment control plans. Her field experience includes groundwater and surface water sampling, water level measurement, and soil boring and sampling procedures.

Currently, Ms. Block is an Associate Civil Engineer at Foster Wheeler Environmental Corporation. She is involved in civil and environmental engineering projects including preparing soil erosion and sediment control plans, feasibility studies, insurance claim audits, and site investigations.

EDUCATION

M.S. (Master of Science), Environmental Engineering Technology, Temple University, Philadelphia, PA, 1999

B.S. (Bachelor of Science), Civil Engineering, Temple University, Philadelphia, PA, 1997

TRAINING

Environmental and Safety Supervisor Course, Foster Wheeler Environmental Corporation, September 2000

8-Hour OSHA Hazardous Waste Health and Safety Refresher Training, Foster Wheeler Environmental Corporation, May 2000

Waste Management Employee Training Program, Foster Wheeler Environmental Corporation, January 2000

DOT Employee Training Program, Foster Wheeler Environmental Corporation, January 2000

Loss Control Self Study Course, Foster Wheeler Environmental Corporation, December 1999

DEP Land Recycling Program, Foster Wheeler Environmental Corporation, October 1999

40-Hour OSHA Hazardous Waste Health and Safety Training, Foster Wheeler Environmental Corporation, June 1999

Project Management 100 Employee Training Program, Foster Wheeler Environmental Corporation, March 2000

FOSTER WHEELER ENVIRONMENTAL CORPORATION EXPERIENCE

Assistant/Associate Civil Engineer, October 1999 - Present

Pennsylvania Department of Environmental Protection, Blue Bell Gulf Station Site, Blue Bell, Pennsylvania

Participated in groundwater, surface water, and residential well sampling and groundwater level measurements for a site contaminated with gasoline from a leaking underground storage tank. Responsible for incoming data resulting from frequent sampling activities at the site.

Assistant/Associate Civil Engineer, June 1999 - Present

U.S. Navy-Northern Division, NAWC, Warminster Site, Warminster, Pennsylvania

Prepared monthly treatment system reports for the Navy.

Assistant/Associate Civil Engineer, June 1999 - Present

U.S. Navy-Northern Division, Various Sites
Prepared and/or revised work plans and/or closeout reports for various locations and projects including the Midway Pier Fuel Line Closure at the Melville North Landfill for the Newport Naval Station in Middletown, RI; the TPH Contaminated Soil Removal at EBS 21 as part of the Removal of 7 Munitions Bunkers for the Davisville Naval Construction Battalion Center in North Kingstown, RI; and the Building 184 Subfloor Investigation, Drum Investigation, Mercury Vault Removal, and Chrimp Building Utility Installation as part of the Removal of a Coolant Recovery System at Building 300 for the Portsmouth Naval Shipyard in Kittery, ME. Other projects included the Goss Cove Landfill Cap for the New London Naval Submarine Base in Groton, CT; the Installation Restoration Sites 2 and 3 Soil and Debris Removal for the South Weymouth Naval Air Station in South Weymouth, MA; the Soils and Waste Removal at Operational Unit 7; Sites 6 and 7 for the Warminster Naval Air Warfare Center in Warminster, PA; and the F14 Crash Site for the Naval Air Station Joint Reserve Base in Willow Grove, PA.

Assistant Civil Engineer, October 2000 - November 2000
Pennsylvania Department of Environmental Protection, Municipal and Industrial Disposal Company Site, Elizabeth Township, Pennsylvania
Prepared an addendum to an existing feasibility study for the remediation of a former hazardous waste disposal site. Responsible for researching and preparing technical descriptions and calculations for a hazardous waste landfill to be constructed on-site, and assisting with the associated cost estimate.

Assistant Civil Engineer, July 2000 - October 2000
GPU Energy, Former Manufacturing Gas Plant Site, Sea Isle City, New Jersey
Responsible for assisting with the collection of soil boring samples, supervising surveying of the soil boring locations, and assisting with groundwater level measurements at the former MGP site.

Assistant Civil Engineer, June 2000 - September 2000
U.S. Navy, Defense Support Center, Philadelphia, Pennsylvania
Performed weekly air-monitoring procedures for a vapor recovery system designed to capture and treat potentially explosive vapors existing in the sewer pipes in the vicinity of a LNAPL plume.

Assistant/Associate Civil Engineer, October 1999 - January 2000
Pennsylvania Department of Environmental Protection, Johnstown Army National Guard Aviation Support Facility, Johnstown, Pennsylvania
Responsible for assisting with the facility assessment of existing stormwater and reviewing operational procedures in order to determine the need for an oil-water separator. Prepared stormwater runoff calculations for the addition of the oil-water separator.

Assistant Civil Engineer, September 1999 - November 1999
National Aeronautics and Space Administration, Stratton Substation Site, Langley Research Center, Hampton, Virginia
Prepared a work plan for the excavation of PCB contaminated soils at the substation site including approaches for remedial activities and sampling plans.

Assistant Civil Engineer, June 1999 - September 1999
Ultramar Diamond Shamrock, AIG Technical Settlement Evaluation of Total Petroleum Environmental Insurance Claims, Various Locations in the Mid-western US

Assisted with technical evaluations of Total Petroleum Environmental Insurance Claims for numerous refinery sites throughout the mid-western United States. Prepared remedial costs evaluations and alternatives, technical documentation of historical site activities, and assisted with the selection of a recommended remedial approach.

Assistant/Associate Civil Engineer, July 1998 - February 2001
Pennsylvania Department of Environmental Protection, East 10th Street, Marcus Hook, Pennsylvania
Participated in a building reconnaissance of abandoned structures at the site. Responsible for preparing a reconnaissance report describing audit results and suggesting remedial actions at the site.

PREVIOUS EXPERIENCE

Civil Engineering Intern, June 1998 - June 1999
Pennsylvania Department of Environmental Protection, East 10th Street, Marcus Hook, Pennsylvania
Interpreted regulatory and analytical data for the development of a major manufacturing plant baseline environmental report.

Civil Engineer Intern, June 1998 - September 1998
Naval Air Warfare Center, Trenton, New Jersey
Assisted with planning and designing a pre-engineered addition to a wastewater treatment plant at the Naval Air Warfare Center in Trenton. Provided estimation calculations of total dynamic head of monitoring well pumps.

Soil and Concrete Inspector, May 1996 - September 1996
Schnabel Engineering Associates, Inc., West Chester, Pennsylvania
Performed on-site testing and inspections of concrete and soil. Conducted laboratory soil tests.

Engineer's Assistant I, May 1995 - September 1995
The City of Philadelphia Department of Streets, Philadelphia, Pennsylvania
Assisted in surveying private and commercial properties. Compiled and generated project data using AutoCad.

Engineering Extern, January 1995
Valley Forge Laboratories, Devon, Pennsylvania
Performed laboratory concrete and soil testing. Observed and assisted field inspectors.

PROFESSIONAL ACCOMPLISHMENTS

National Engineers' Week College Student Paper Award
Order of Omega Honor Society
American Society of Civil Engineers, Philadelphia Section Award

PROFESSIONAL AFFILIATIONS

Phi Sigma Sigma Philadelphia Alumnae Chapter, Member/Social Chairman, 2001
American Society of Civil Engineers, Associate Member, 2001
Temple University Environmental Engineering Student Association, Member, 1999

Senior Design Team, Leader, 1997
Temple University American Concrete Institute, Member/Secretary, 1997
Temple University American Society of Civil Engineers, Member/Secretary, 1997
Phi Sigma Sigma Sorority-Xi Chapter, Scholarship Chairman/Member-at-Large/Judicial Board, 1997

DISCIPLINE CODES

Civil Engineers: 004, Primary
Environmentalists: 106, Secondary
Environmental Engineers: 195, Secondary
Geologists: 011, Secondary
Industrial Hygienists: 194, Secondary
Soils Engineers: 020, Secondary
Surveyors: 023, Secondary

SKILL SET

AIR SCIENCES
Air Quality Evaluations

BIOLOGICAL SCIENCES
Field Biology

CHEMICAL SCIENCES
Air Sampling
Erosion Control

GEOSCIENCES
Hydrogeology - Groundwater Hydraulics
Modeling - Contaminant Transport
Modeling - Groundwater Flow
Sampling - Groundwater
Sampling - Soil

REGULATORY AFFAIRS
RCRA

TECHNICAL EXPERTISE

Ms. Block is skilled in AutoCad and manual drafting. She has experience with various software programs, including STAAD, GTSTRUDL, ANSYS, and MODFLOW, and Microsoft Office programs, including Word, Excel, Power Point, and Word Perfect.

LANGUAGE SKILLS

English *Knowledge Level:* Primary

PROFESSIONAL REFERENCES

David DiCesare, PE, Civil Engineer, Foster Wheeler Environmental Corporation, 215-702-4074

Carl Tippmann, PE, Project Manager, Foster Wheeler Environmental Corporation, 215-702-4044
Neil Geevers, Program Manager, Foster Wheeler Environmental Corporation, 215-702-4122

RELATED COMPANY INFORMATION

Office Location: Langhorne
FWENC Hire Date: 6/1/98
Years with Other Firms: 0
Daytime Telephone: 215-702-4121
E-mail Address: mblock@fwenc.com

APPENDIX B

- OUTSIDE ORGANIZATIONS -

This is a listing of Foster Wheeler Environmental Corporation subcontractors and other outside organization along with a description of their services, performing work on this project.

Subcontractor	Service
Cedar Hill Hydroseeding	Clearing
Boucher & James, Inc.	Surveying services
B&B Drilling	Monitoring well abandonment/replacement
American Geotech, Inc.	Geotechnical laboratory services
Harrod Enterprises	Clean backfill supply
Myers Investigative & Security Services	Security
ITW Cargo	Liner & Geotextile Supplier

APPENDIX C

- LETTER OF APPOINTMENT -

FOSTER WHEELER ENVIRONMENTAL CORPORATION

July 31, 2002

Monica Block
Quality Control Engineer
Foster Wheeler Environmental Corporation
2300 Lincoln Highway East
One Oxford Valley, Suite 200
Langhorne, PA 19047-1829

Subject: Navy EFANE Remedial Action Contract
Contract No. N62472-99-D-0032
Contract Task Order No. 0040
Landfill Capping OU-6, Sites 3 & 10
Naval Weapons Station Earle – Colts Neck, NJ
Appointment Letter – Quality Control Engineer

Dear Monica:

In accordance with the requirements of the subject contract and the Foster Wheeler Corporate Quality Control Plan, you are appointed as the Quality Control Engineer for the Landfill Capping OU-6, Sites 3 & 10 project at Naval Weapons Station Earle in Colts Neck, NJ. In this role, you have the following responsibilities and authorities:

RESPONSIBILITIES

- Develop the site-specific Construction Quality Control Plan (CQCP).
- Ensure compliance with contract and task order requirements, SOPs, and other guidance documents.
- Monitor work for compliance with the CQCP and other contract and technical documents.
- Review submittals and maintain the submittal register.
- Maintain daily logs and reports.
- Ensure chemical and construction quality control.
- Ensure subcontractor/vendor quality control compliance.

AUTHORITIES

- Approval of the task order site-specific Construction Quality Control Plan.
- Issue nonconformance reports and deficiency notices.
- Issue stop work orders for noncompliance with quality control requirements.
- Report directly to the Quality Control Program Manager on quality control issues.

This letter is effective immediately until modified or withdrawn by the Quality Control Program Manager.

Sincerely,

Thomas Joseph Kelly

Thomas Joseph Kelly
Quality Control Program Manager
Navy EFANE RAC

cc: C. Tippmann – Program Manager
R. Woodworth – Project Manager

APPENDIX D

- INITIAL SUBMITTAL REGISTER -

SUBMITTAL REGISTER

TITLE AND LOCATION	CONTRACTOR
LANDFILL CAPS FOR SITES 3 AND 10, NWS EARLE, NJ	

ACTIVITY NO	TRANSMITTAL NO	SPEC SECTION	DESCRIPTION OF ITEM SUBMITTED	PARAGRAPH NO	CLASSIFICATION: GVT OR A/E REVWR	CONTRACTOR SCHEDULE DATES			CONTRACTOR ACTION			APPROVING AUTHORITY				MAIL TO CONTR/ DATE RCD FROM APPR AUTH	REMARKS
						SUBMITTAL DATE	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVR	DATE RCD FROM OTHER REVWR	ACTION CODE	DATE OF ACTION		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		01010	As-Built Drawings	1.9													
			Project Schedule	1.10													
		01052	Land Surveyor Information	1.3A													
			a. Name and Address														
			b. Proof of Registration														
			Documentation of Accuracy of Work	4.1C													
			Survey Drawings	3.2													
			Field Survey Notes and Computer Printouts	3.1C													
			Surveyor Close-out Documents	1.4B													
		01155	Site Specific Health and Safety Plan														
			a. Personnel	3.1													
			b. Hazard Assessment	3.2													
			c. Safe Work Practices and Navy Safeguards	3.3													
			d. Training	3.4													
			e. Work Zone Categories	3.5													

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		01155	f. Personal Safety Equipment and Protective Clothing	3.6													
			g. Personnel and Equipment Decontamination	3.7													
			h. Sanitation	3.8													
			i. Emergency Equipment and First Aid Requirements	3.9													
			j. Emergency Response and Contingency Planning	3.10													
			k. Posted Regulations	3.11													
			l. Communication	3.12													
			m. Material Safety Data Sheets	3.13													
			n. Medical Surveillance	4.3													
			o. Environmental and Personnel Monitoring	4.4													
			p. Record Keeping and Reporting	4.5													
			q. Inspection/Audit Program	4.7													

SUBMITTAL REGISTER

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		01155	Daily Safety Logs	4.6C													
			Weekly Health and Safety Reports	4.6E													
			Close-out Safety Report	4.6F													
		01350	Pre-construction Photographs and Videotape	2.1													
			Construction Photographs and Videotape	2.2													
			Monthly Photographs and Videotape	2.3													
		01400	Construction Quality Control (CQC) Plan	2.1													
		01565	Buildings/Trailers Information	2.2													
			Temporary Electrical Supply and Lighting	3.3													
			Sketch of Temporary Electrical System	3.3													

SUBMITTAL REGISTER

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		01565	Water Supply ad Sanitary Facilities	3.4													
			Temporary Environmental Control Work Plans	3.7-3.19													
		01700	Compliance Documentation	4.1A													
			Lien Releases	1.4													
			Demonstration of Equipment Operability	4.1C													
			Record Documents and Manuals	1.5, 1.7, 1.8													
		02050	Revised Demolition Drawings	1.3													
		02210	Tree Wound Paint	2.1													
		02240	Silt Fencing Material: type and size	2.1A													
			Sieve analysis test results for entrance stones	2.1D													
		02250	Equipment and Material Handling Plan	3.1													

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		02250	Off-Site Disposal Plan	3.2, 3.3													
			Waste Profiles	4.2													
			Shipping Manifests	3.4													
			Disposal Manifests	3.4													
		02310	Fill Material Test Results	2.1B													
			a. Moisture Density Test Results														
			b. Sieve Analysis Test Results														
			c. Atterburg Limit Test Results														
			d. Acid Producing Soil Test Results														
			Field Test Results	4.2													
		02320	Geotechnical Test Reports	2.1													
			a. Sieve Analysis Test														
			b. Permeability Test														
			c. Maximum/ Minimum Density														

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		02320	d. Gradation														
			e. Hydraulic Conductivity														
			Field Test Reports	4.2													
			a. Sieve Analysis														
			b. Permeability Test														
			c. Maximum/ Minimum Density														
			d. Gradation														
			Letter of purity	2.1A1													
		02323	Location and source of bedding and rip-rap	2.1													
			Sieve Analysis Test Results	4.2													
			Soundness Test Results	4.2													
			Certification of Mean Weight	2.1B3													
			Certification of Gradation	2.1B3													
			5 gallon bucket of material	2.1													

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		02324	Geotechnical Test Reports	2.1													
			a. Sieve Analysis														
			b. Modified Proctor Test														
			c. Maximum/ Minimum Density														
			Field Test Reports	4.2													
			a. Sieve Analysis														
			b. Density														
			c. Relative Compaction														
			d. Sand Cone Test														
			e. Thickness														
			Letter of purity	2.1													
		02326	5 gallon bucket of material for each Borrow Source	2.1C													
			Geotextile Test Results	4.4													
			a. Sieve Analysis														
			b. Atterburg Limits														
			c. Modified Proctor Test														
			d. pH														
			Letter of purity	2.1B													
		02327	Source and Quality of Concrete Materials	2.2, 2.5													

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		02501	Manufacturer's Specifications, data sheets, and instructions	2.1													
			Certificates of Compliance	4.1													
			Material Certificates and Test Results	2.1, 2.2													
		02600	Driller Information	3.1													
			a. Name and Address														
			b. Name of Driller														
			c. NJDEP Certification														
			Manufacturer's Catalog Information	1.3B													
			As-Built Drawings	1.3C3 .7													
			Driller's Reports	1.3D3 .8													
		02714	Guaranteed Minimum Average Roll Length	2.1													
			Geotextile Production Information	2.2													
			Geotextile Manufacturer's Test Results														
			Field Test Results														

SUBMITTAL REGISTER

TITLE AND LOCATION	CONTRACTOR
LANDFILL CAPS FOR SITES 3 AND 10, NWS EARLE, NJ	

ACTIVITY NO	TRANSMITTAL NO	SPEC SECTION	DESCRIPTION OF ITEM SUBMITTED	PARAGRAPH NO	CLASSIFICATION: GVT OR A/E REVWR	CONTRACTOR SCHEDULE DATES			CONTRACTOR ACTION			APPROVING AUTHORITY				MAIL TO CONTR/ DATE RCD FROM APPR AUTH	REMARKS
						SUBMITTAL DATE	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVR	DATE RCD FROM OTHER REVWR	ACTION CODE	DATE OF ACTION		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		02771	Manufacturing Capabilities	1.4B													
			a. Quality Control Procedures														
			b. List of Material Properties														
			Manufacturer's References	1.4B													
			Origin and identification of Resin	2.1A													
			Certification of compatibility between resins	2.3A													
			Resin Supplier Quality Control Certificates	2.3A													
			Geomembrane Manufacturer's Test Results	2.3B													
			Certification of no Post Consumer Resin	2.1A													
			Manufacturing Specifics and Test Results for each Roll	2.2A													
			Quality Control Certificates	2.3													
			Manufacturer's Warranty	1.5													

SUBMITTAL REGISTER

TITLE AND LOCATION	CONTRACTOR
LANDFILL CAPS FOR SITES 3 AND 10, NWS EARLE, NJ	

ACTIVITY NO	TRANSMITTAL NO	SPEC SECTION	DESCRIPTION OF ITEM SUBMITTED	PARAGRAPH NO	CLASSIFICATION: GVT OR A/E REVWR	CONTRACTOR SCHEDULE DATES			CONTRACTOR ACTION			APPROVING AUTHORITY				MAIL TO CONTR/ DATE RCD FROM APPR AUTH	REMARKS
						SUBMITTAL DATE	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVR	DATE RCD FROM OTHER REVWR	ACTION CODE	DATE OF ACTION		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		02771	Installation layout	3.3A													
			Installation schedule	3.1B3													
			Contractor's letter of approval for Manufacturer	1.4													
			Installation capacities	1.4C													
			a. Equipment Information														
			b. Average Daily Production														
			c. Quality Control Procedures														
			Installer's References	1.4C													
			Resumes of supervisors and seamers	1.4C													
			Certificate of Calibration	3.4D2													
		02800	Proposed Material and Material Sources	2.1, 2.2													
			5 gallon bucket of material from each source	2.1, 2.2													
			Topsoil Composition Tests	4.2													
			Factory Test Reports for Acid Producing Soil	2.3B													

SUBMITTAL REGISTER

TITLE AND LOCATION	CONTRACTOR
LANDFILL CAPS FOR SITES 3 AND 10, NWS EARLE, NJ	

ACTIVITY NO	TRANSMITTAL NO	SPEC SECTION	DESCRIPTION OF ITEM SUBMITTED	PARAGRAPH NO	CLASSIFICATION: GVT OR A/E REVWR	CONTRACTOR SCHEDULE DATES			CONTRACTOR ACTION			APPROVING AUTHORITY				MAIL TO CONTR/ DATE RCD FROM APPR AUTH	REMARKS
						SUBMITTAL DATE	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVR	DATE RCD FROM OTHER REVWR	ACTION CODE	DATE OF ACTION		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		02810	Concrete Mix Design and Test Results	1.3													
		02830	Product Data	2.1-2.5													
			As-Built Drawings for Fences	3.1D													
		02840	Certificate of Seed Purity and Germination	2.1													
			Fiber Mulch Information	2.5													
			Manufacturer's Catalog Data for Fertilizer	2.3													
			Factory Test Results	2.1-2.5													
			Soil Content Test Results	4.2													
		03200	Certified Mill Reports	1.3													
		03300	Concrete Mix Design and Test Results	2.3													
		15100	Driller Information	4.1C													
			a. Name and Address														
			b. Name of Driller														
			c. NJDEP Certification														
			Well Modification Plan	1.3C													

SUBMITTAL REGISTER

TITLE AND LOCATION	CONTRACTOR
LANDFILL CAPS FOR SITES 3 AND 10, NWS EARLE, NJ	

ACTIVITY NO	TRANSMITTAL NO	SPEC SECTION	DESCRIPTION OF ITEM SUBMITTED	PARAGRAPH NO	CLASSIFICATION: GVT OR A/E REVWR	CONTRACTOR SCHEDULE DATES			CONTRACTOR ACTION			APPROVING AUTHORITY				MAIL TO CONTR/ DATE RCD FROM APPR AUTH	REMARKS
						SUBMITTAL DATE	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVR	DATE RCD FROM OTHER REVWR	ACTION CODE	DATE OF ACTION		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
		15100	Manufacturer's Catalog Information	2.1-2.5													
			As-Built Drawings	3.6													
			Driller's Reports	3.7													
		15483	Manufacturer's Installation Instructions	3.2													
			Drawing of Geomembrane Seal	3.3A													
			Manufacturer's Warranty	2.1, 2.3													

APPENDIX E

- INITIAL TESTING LOG -

TABLE E-1 (Page 1 of 8)

PRE-CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Test	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Preparation of Subgrade (Section 02310)						
Imported Soils	Density	ASTM D 1557	1 per off-site borrow source	None	See Note 2	NA
Imported Soils	Sieve Analysis	ASTM D 422	1 per off-site borrow source	Classify SC-SM, SC, or ML	See Note 2	Reject Material
Granular Gas Management and Granular Drainage Materials (Section 02320)						
Gas/ Drainage Material	Sieve Analysis	ASTM C 136	1 per 5,000 cubic yards of volume in place or 1 per off-site borrow source	80-100% passing ¼" and No. 4 and 0-8% passing No. 100	See Note 2	Reject Material
	Permeability	ASTM D 2434	1 per 5,000 cubic yards of volume in place or 1 per off-site borrow source	1×10^{-3} cm/s or higher	See Note 2	Reject Material
	Maximum/ Minimum Density	ASTM D 4253/4254	1 per 5,000 cubic yards of volume in place or 1 per off-site borrow source	None	See Note 2	NA
	pH	NA	1 test per 500 cubic yards	6-7.5	See Note 2	Reject Material
Rip-Rap (Section 02323)						
Rip-Rap	Gradation	ASTM D 5519	1 per 5,000 cubic yards of volume in place or 1 per off-site borrow source	4-8 inches	See Note 3	Reject Material

TABLE E-1 (Page 2 of 8)

PRE-CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Test	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Rip-Rap (Section 02323)						
Rip-Rap	Soundness	ASTM C 88	1 per 5,000 cubic yards of volume in place or 1 per off-site borrow source	Weight loss shall not be more than 20 percent after 5 cycles when tested by sodium sulfate test methods	See Note 3	Reject Material
Site Access Road (Section 02324)						
Crushed Base	Gradation	ASTM D 422/4318	1 per off-site borrow source	100% passing 2", 70-100% passing 1 ½", 45-80% passing 1", 30-60% passing No. 4, 15-40% passing No. 10, 5-25% passing No. 40, and 0-10% passing No. 200	See Note 2	Reject Material
Crushed Base	Modified Proctor	ASTM D 1557	1 per off-site borrow source	None	See Note 2	NA

TABLE E-1 (Page 3 of 8)

PRE-CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Test	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Cover Soil (Section 02326)						
Soil	Sieve Analysis	ASTM D 422	1 test per 2,000 cubic yards	Classify SC-SM, SC, or ML	See Note 2	Reject Material
	Atterburg Limits	ASTM D 4318	1 test per 2,000 cubic yards	LL < 50	See Note 2	Reject Material
	Modified Proctor	ASTM D 1557	1 test per 2,000 cubic yards	None	See Note 2	Reject Material
	pH	NA	1 test per 500 cubic yards	6-7.5	See Note 1	Reject Material
Geotextile Fabric (Section 02714)						
Fabric	Record Sample	NA	1 per product	95 polypropylene or polyester by weight	See Note 1	Reject Material
	Mass per unit area	ASTM D 5261	1 test per 100,000 ft^2 or 1 test per lot	8 or 12 oz/yd^2 depending on use	See Notes 1 & 2	Reject Material
	Apparent Opening Size	ASTM D 4751	1 test per 500,000 ft^2 or 1 test per lot	$0_{95} \leq 0.2$	See Notes 1 & 2	Reject Material
	Permittivity	ASTM D 4491	1 test per 500,000 ft^2 or 1 test per lot	1.0 1/s	See Notes 1 & 2	Reject Material
	Grab Strength	ASTM D 4632	1 test per 100,000 ft^2 or 1 test per lot	250 (1,115) lb. (N)	See Notes 1 & 2	Reject Material

TABLE E-1 (Page 4 of 8)

PRE-CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Test	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Geotextile Fabric (Section 02714)						
Fabric	Tear Strength	ASTM D 4533	1 test per 100,000 ft^2 or 1 test per lot	95 (425) lb. (N)	See Notes 1 & 2	Reject Material
	Puncture Strength	ASTM D 4833	1 test per 100,000 ft^2 or 1 test per lot	130 (580) lb. (N)	See Notes 1 & 2	Reject Material
HPDE Geomembrane Liner (Section 02771)						
Liner	Thickness	ASTM D 5994	1 test per 40,000 ft^2 or 1 test per lot	Average ≥60 mils Minimum ≥54 mils	See Note 3	Reject Material
	Specific Gravity	ASTM D 792 (Method A) or ASTM D 1505	1 test per 40,000 ft^2 or 1 test per lot	≥ 0.94	See Note 3	Reject Material
	Melt Flow Index	ASTM D 1248 (Condition E, 190°C, 2.16 kg)	1 test per 40,000 ft^2 or 1 test per lot	≥ 1.0 g/10 min	See Note 3	Reject Material
	Tensile Strength (Force per unit width)	ASTM D 638	1 test per 40,000 ft^2 or 1 test per lot	Yield ≥ 140 (25) lb./in (kN/m) Break ≥ 75 (13) lb./in (kN/m)	See Note 3	Reject Material

TABLE E-1 (Page 5 of 8)

PRE-CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Test	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
HPDE Geomembrane Liner (Section 02771)						
Liner	Elongation	ASTM D 638	1 test per 40,000 ft^2 or 1 test per lot	Yield ≥ 73 % Break ≥ 150 %	See Note 3	Reject Material
	Tear Resistance	ASTM D 1004, Die C	1 test per 40,000 ft^2 or 1 test per lot	≥ 42 (200) lb. (N)	See Note 3	Reject Material
	Puncture Resistance	ASTM D 4833	1 test per 40,000 ft^2 or 1 test per lot	≥ 80 (335) lb. (N)	See Note 3	Reject Material
	Low Temperature Brittleness	ASTM D 746 (Procedure B)	1 test per 40,000 ft^2 or 1 test per lot	≥ -107 (-77) °F (°C)	See Note 3	Reject Material
	Carbon Black Content	ASTM D 1603	1 test per 40,000 ft^2 or 1 test per lot	2-3%	See Note 3	Reject Material
	Carbon Black Dispersion	ASTM D 5596	1 test per 40,000 ft^2 or 1 test per lot	10 of 10 in	See Note 3	Reject Material
	Dimensional Stability	ASTM D1204 (212°F, 15 min)	1 test per 40,000 ft^2 or 1 test per lot	< ± 3%	See Note 3	Reject Material
	Water Absorption	ASTM D 570 (as modified in NSF Appendix A)	1 test per 40,000 ft^2 or 1 test per lot	< 0.1%	See Note 3	Reject Material

TABLE E-1 (Page 6 of 8)

PRE-CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Test	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
HPDE Geomembrane Liner (Section 02771)						
Liner	Resistance Stress Crack	ASTM D 5397 (Single Point Method as modified in GRI GM-5)	1 test per 40,000 ft^2 or 1 test per lot	< 200 hours	See Note 3	Reject Material
	Critical Interface with Geocomposite or soil	ASTM D 5321	1 test per 40,000 ft^2 or 1 test per lot	Residual strength of 75 at confining pressure of 100 psf 150 at confining pressure of 300 psf, 230 at confining pressure of 500 psf	See Note 3	Reject Material
Resin	Notched Constant Tensile Load Resistance Stress Crack	ASTM D 5397 (as modified by GRI-GM5B)	1 per 100,000 ft^2 or 1 test per lot	None	See Note 3	Reject Material
	Low Temperature Brittleness	ASTM D 746	1 per 100,000 ft^2 or 1 test per lot	None	See Note 3	Reject Material

TABLE E-1 (Page 7 of 8)

PRE-CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Test	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Topsoil (Section 02800)						
Soil	Topsoil Composition	DOA SSIR	1 test per off-site borrow source	NJDA SE & SC, Section 3.5.1	See Note 2	Reject Material
	Acid Production	Rutgers Soil Testing Lab "Soil Test #6"	1 test per off-site borrow source	No Iron sulfide	See Note 2	Reject Material
	Sieve Analysis	ASTM D 422	1 test per 2,000 cubic yards	100% passing 1", 40-60% passing ¼", and 40-60% passing No. 100	See Note 3	Reject Material
	Atterburg Limits	ASTM D 4318	1 test per 2,000 cubic yards	LL < 50	See Note 3	Reject Material
	pH	NA	1 test per 500 cubic yards	6-7.5	See Note 1	Reject Material
Settlement Monuments (Section 02830)						
Concrete	Concrete Mix Design Study	ASTM C 31/39/42	1 test per mix	concrete with a minimum compressive strength of 2500 psi	See Note 3	Reject Material

TABLE E-1 (Page 8 of 8)

PRE-CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Test	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Seeding (Section 02840)						
Seed	seed purity and germination analysis	Current State and Federal rules for testing	1 test per off-site borrow source	As specified in the Soil Erosion and Sediment Control Plan	See Note 1	Reject Material
Soil	fertilizer and soil nutrient requirement testing	DOA SSIR	1 test per off-site borrow source	None	See Note 1	Reject Material
Cast-In-Place Concrete (Section 03300)						
Concrete	Mix Design Study	ASTM C 31/39/42	1 test per mix	concrete with a minimum compressive strength of 2500 psi	See Note 3	Reject Material

Note 1: QC Engineer to provide documentation prior to start of Work

Note 2: QC Engineer to perform test/inspection prior to start of Work

Note 3: Manufacturer/Supplier to perform test, provide test results to QC Engineer for review prior to start of Work

TABLE E-2 (Page 1 of 5)

CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Tests	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Preparation of Subgrade (Section 02310)						
Imported Soils	Density	ASTM D 1557	1 per off-site borrow source	None	See Note 1	NA
	Sieve Analysis	ASTM D 422	1 per off-site borrow source	Classify SC-SM, SC, or ML	See Note 1	Reject Material
	Atterburg Limits	ASTM D 4318	1 per off-site borrow source	LL <50	See Note 1	Reject Material
Granular Gas Management and Granular Drainage Materials (Section 02320)						
Gas/ Drainage Material	Sieve Analysis	ASTM D 422	1 per 5,000 cubic yards of volume in place or 1 per off-site borrow source	80-100% passing ¼" and No. 4 and 0-8% passing No. 100	See Note 1	Reject Material
	Permeability	ASTM D 2434	1 per 5,000 cubic yards of volume in place or 1 per off-site borrow source	1×10^{-3} cm/s or higher	See Note 1	Reject Material

TABLE E-2 (Page 2 of 5)

CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Tests	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Site Access Road (Section 02324)						
Crushed Base	Gradation	ASTM D 422/4318	1,000 tons of completed course material, but not less than 1 test per day	100% passing 2", 70-100% passing 1 ½", 45-80% passing 1", 30-60% passing No. 4, 15-40% passing No. 10, 5-25% passing No. 40, and 0-10% passing No. 200	See Note 1	Reject Material
Crushed Base	Compaction	ASTM D 1557	1 test per 100 linear feet per lift	95% with respect to the maximum dry density	See Note 1	Recompact
	Density Verification	ASTM D 1556	1 test per day	± 5%	See Note 1	Change or recalibrate densometer
	Thickness	NA	Random	12" ± 1"	See Note 1	Rework Layer
Cover Soil (Section 02326)						
Soil	Sieve Analysis	ASTM D 422	1 test per 2,000 cubic yards	Classify SC-SM, SC, or ML	See Note 1	Reject Material

TABLE E-2 (Page 3 of 5)

CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Tests	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Cover Soil (Section 02326)						
Soil	Compaction	ASTM D 1557	1 test per lift per grid of 100 feet x 100 feet	90% with respect to the maximum dry density	See Note 1	Recompact
	Density Verification	ASTM D 1556	1 test per day	± 5%	See Note 1	Change or recalibrate densometer
HPDE Geomembrane Liner (Section 02771)						
Seams	Thickness	GRI GM-8 (textured)	1 test per 500 feet of seam length	≥ 54 (1.37) Mils (mm)	See Note 1	Replace Seam
	Sheer Strength	ASTM D 4437	1 test per 500 feet of seam length	≥ 113 (30) Mils (mm)	See Note 1	Replace Seam
	Peel Adhesion Fusion and Extrusion Max	ASTM D 4437	1 test per 500 feet of seam length	≥ 70 (12) Mils (mm)	See Note 1	Replace Seam
	Nondestructive Testing	NA	1 test per 500 feet of seam length	No bubbles or loss of pressure	See Note 1	Replace Seam
Seams	Destructive Testing	NA	1 test per 500 feet of seam length	None	See Note 1	Replace Seam

TABLE E-2 (Page 4 of 5)
CONSTRUCTION TESTING LOG
LANDFILL SITES 3 AND 10 REMEDIAL ACTION
NAVAL WEAPONS STATION EARLE

Component /Element	Type of Tests	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Topsoil (Section 02800)						
Soil	Topsoil Composition	DOA SSIR	1 test per off-site borrow source	NJDA SE & SC, Section 3.5.1	See Note 2	Reject Material
	Acid Production	Rutgers Soil Testing Lab "Soil Test #6"	1 test per off-site borrow source	No Iron sulfide	See Note 2	Reject Material
	Sieve Analysis	ASTM D 422	1 test per 2,000 cubic yards	100% passing 1", 40-60% passing ¼", and 40-60% passing No. 100	See Note 3	Reject Material
	Atterburg Limits	ASTM D 4318	1 test per 2,000 cubic yards	LL < 50	See Note 3	Reject Material
	pH	NA	1 test per 500 cubic yards	6-7.5	See Note 1	Reject Material
Cast-In-Place Concrete (Section 03300)						
Concrete	Air Entrainment	ASTM C 231	1 test per truckload	4-6%	See Note 1	Reject Material
	Slump	ASTM C 143	1 test per truckload	Walls/Beams 2-4 " Foundation 1-3" At Pump 2-6" At Discharge 1-4"	See Note 1	Reject Material

TABLE E-2 (Page 5 of 5)

CONSTRUCTION TESTING LOG

LANDFILL SITES 3 AND 10 REMEDIAL ACTION

NAVAL WEAPONS STATION EARLE

Component /Element	Type of Tests	Test Method Reference	Frequency of Testing	Requirements	Procedure for Submittal	Response to Failed Test/Inspection
Cast-In-Place Concrete (Section 03300)						
Concrete	Temperature	Measurement	1 test per truckload in hot or cold weather	Between 55°F and 75°F	See Note 1	Reject Material

Note 1: QC Engineer to perform test/inspection

Note 2: QC Engineer to provide documentation

Note 3: Manufacturer to perform test, provide results to QC Engineer for review

APPENDIX F

- FORMS (BASIC) -

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE

PHASE | IDENTIFY DEFINABLE FEATURE OF WORK, LOCATION AND LIST PERSONNEL PRESENT

Y - YES N - NO SEE REMARKS
BLANK - NOT APPLICABLE

PREPARATORY			
			THE PLANS & SPECS HAVE BEEN REVIEWED
			THE SUBMITTALS HAVE BEEN APPROVED
			MATERIALS COMPLY WITH APPROVED SUBMITTALS
			MATERIALS ARE STORED PROPERLY
			PRELIMINARY WORK IS DONE CORRECTLY
			SAFETY REQUIREMENTS HAVE BEEN MET
			TESTING PLAN HAS BEEN REVIEWED.
			WORK METHOD SCHEDULE DISCUSSED

INITIAL		TESTING PERFORMED & WHO PERFORMED TEST		
				PRELIMINARY WORK IS DONE CORRECTLY
				SAMPLE HAS BEEN APPROVED/PREPARED
				SAFETY REQUIREMENTS HAVE BEEN MET.
				TEST RESULTS ARE ACCEPTABLE
				WORK IS IN COMPLIANCE WITH THE CONTRACT

FOLLOW-UP		TESTING PERFORMED & WHO PERFORMED TEST		
				WORK COMPLIES WITH CONTRACT AS APPROVED IN INITIAL PHASE

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)	REWORK ITEMS CORRECTED TODAY (FROM REWORK LOG)

REMARKS

On behalf of the contractor, I certify that the report is complete and correct and all equipment and material used and work performed during this reporting period is in compliance with the contract plans and specifications to the best of my knowledge except as noted above.

AUTHORIZED CQC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVES REMARKS AND/OR EXCEPTIONS TO THE REPORT

GOVERNMENT QUALITY ASSURANCE REPRESENTATIVE DATE

Sheet ____ of ____

Date:
Report#
Weather: Warm
High
Low
Materials
Equipment

TASKS: ***type within the red lines***	**CONTROLS:** ***type within the blue lines.***

CONTRACTOR PRODUCTION REPORT

		DATE
CONTRACT NO	TITLE AND LOCATION	REPORT NO
CONTRACTOR Foster Wheeler Environmental Corp.	SUPERINTENDENT	
WEATHER	MAX TEMP F	MIN TEMP F

WORK PERFORMED TODAY

WORK LOCATION AND DESCRIPTION	EMPLOYER	#	TRADE	HRS

TOTAL WORK HOURS ON JOB SITE THIS DATE	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

LIST SAFETY ACTIONS TAKEN TODAY, SAFETY INSPECTIONS CONDUCTED.

EQUIPMENT, MATERIAL / RECEIVED TODAY TO BE INCORPORATED IN JOB.

CONSTRUCTION AND PLANNED EQUIPMENT ON JOB SITE TODAY. INCLUDE NUMBER OF HOURS USED TODAY.

REMARKS:

FOSTER WHEELER

FOSTER WHEELER ENVIRONMENTAL CORPORATION

DAILY BRIEFING SIGN-IN SHEET

Date: _____ Project: _____

Shift/Department: _____ Person Conducting Briefing: _____

1. DAILY ACTIVITIES

TASKS	CONTROLS/PPE

2. AWARENESS (e.g., special HS concerns, recent incidents, etc.):

_____

_____

_____

_____

3. OTHER ISSUES (HASP changes, attendee comments, etc.):

_____

_____

_____

_____

4. ATTENDEES (Print Name):

1.	11.
2.	12.
3.	13.
4.	14.
5.	15.
6.	16.
7.	17.
8.	18.
9.	19.
10.	20.

Give completed documentation to HSO.

Daily Safety Report

Date: _____ Report # _____

Time Period: _____

Level of Protection/Work Activity:

Respiratory/Dermal Activity

_____

_____

_____

_____

Air Monitoring: _____

_____

_____

_____

_____

Daily Inspections: _____

_____

_____

_____

_____

Monitoring Equipment Utilized: _____

FID- _____

PID- _____

MINIRAM- _____

CGI- _____

Other- _____

Accidents or Breach of Procedures: _____

Weather Conditions _____ High _____

Low _____

Physical Conditions of Workers: _____

_____

Comments: _____

_____

_____

_____

Signature/SSHO

FOSTER WHEELER ENVIRONMENTAL CORPORATION

PREPARATORY INSPECTION CHECKLIST

CONTRACT No.			REPORT No.
PROJECT NAME/NUMBER			DATE/SHIFT
ITEM/ACTIVITY INSPECTED			
DRAWING REFERENCE	REV.	SPEC REFERENCE	REV.
WORK PLAN WRITTEN		YES/NO	REFERENCE No.
QC INSPECTION PLAN WRITTEN		YES/NO	REFERENCE No.
REQUIRED SUBMITTALS APPROVED		YES/NO	REFERENCE No.
REQUESTS FOR INFORMATION ANSWERED		YES/NO	REFERENCE No.
FCRs/DCNs APPROVED/ISSUED		YES/NO	REFERENCE No.
NONCONFORMANCES DISPOSITIONED/CLOSED		YES/NO	REFERENCE No.
MATERIAL/EQUIPMENT AVAILABLE		QUANTITY	CONDITION

PREPARATORY INSPECTION CHECKLIST

PROJECT NAME & No.	REPORT No.
ITEM/ACTIVITY INSPECTED	DATE/SHIFT
PREPARATORY SITE CONDITIONS	
CONTRACT VARIANCE	
ACTIVITIES/ITEMS REQUIRING COMPLETION	
COMMENTS	
MEETING ATTENDEES	

NAME _____ SIGNATURE _____ TITLE _____

SAMPLE INITIAL INSPECTION CHECKLIST FORM

(Page 1 of 2)

CONTRACT NO.				REPORT NO.
PROJECT NAME/ NUMBER				DATE/SHIFT
LOCATION				
ITEM/ACTIVITY INSPECTED				
DRAWING REFERENCE	REV.	DRAWING REFERENCE		REV.
SITE CONDITIONS				

INSPECTION ATTRIBUTE	SPECIFICATION REFERENCE	ACCEPTANCE CRITERIA	INSPECTION RESULT	ACCEPT/ REJECT

REQUESTS FOR INFORMATION ISSUED/SUBJECT	REFERENCE NO.
CHANGE DOCUMENTS (i.e. FCRs) ISSUED/SUBJECT	REFERENCE NO.
NONCONFORMANCES ISSUED/SUBJECT	REFERENCE NO.

REINSPECTION REQUIRED	YES	NO	

SAMPLE INITIAL INSPECTION CHECKLIST FORM
(Page 2 of 2)

PROJECT NAME & NO.	REPORT NO.
ITEM/ACTIVITY INSPECTED	DATE/SHIFT
COMMENTS	
CONTRACT VARIANCE	
ATTENDEES	

NAME SIGNATURE TITLE

Record of Quality Control Meetings

REWORK ITEMS LIST

Contract No. and Title: _____

Contractor: _____

NUMBER	DATE IDENTIFIED	DESCRIPTION	CONTRACT REQUIREMENT Par. No., Drawing No., and Detail No., etc.)	ACTION TAKEN MANAGER	RESOLUTION	DATE COMPLETED

APPENDIX G

- FORMS (GENERAL) -

Foster Wheeler Environmental Corporation
Change Request Form

Page ____ of ____

Section 1 through 4 to be filled out by Foster Wheeler, Section 5 to be filled out by Navy

PROJECT: **Navy RAC CTO XX**	OFS No.: **2282-00XX**	Change Request Form: **CRF - Rev.**

To: _____ Dept.: _____ Location: _____ Date: _____

Re: ☐ Drawing No. _____ Title _____

☐ Spec. No. _____ Title _____

☐ Other _____

1. DESCRIPTION *(Items involved, submit sketch if applicable)*

2. REASONS FOR CHANGE *(If from disposition of nonconformance report, list report number)*

3. RECOMMENDED DISPOSITION

☐ Technical Clarification [NTR & COTR approval required]

☐ In Scope Adjustment [COTR approval required]

☐ Out of Scope [CO & COTR approval required]

☐ Cost Growth

☐ ROM Estimate (If Applicable) $ _____

☐ Schedule Impact (describe below)

FWENC Initiator (Signature/Title):

4. FWENC Project Manager (Signature)	Date	Project Superintendent Concurrence (Signature)	Date

5. NAVY DISPOSITION

☐ Approved per recommended disposition

☐ Not approved (give reason)

☐ Approved with modification(s) [describe below]

NTR Concurrence *(signature)*	Date	ROICC Concurrence *(Signature)*	Date
Contracting Officer Technical Representative Approval *(Signature)*		Contracting Officer Approval *(Signature)*	Date

Engineer signs and transmits to Resident Engineer with copies to:

_____ Project Manager

_____ Project Superintendent

_____ Quality Control

Others as Required _____

File: _____

_____

NWS EARLE NON-CONFORMANCE REPORT

NON-CONFORMANCE REPORT	
TO THE OFFICER IN CHARGE OF NAVY CONTRACTS:	Date:_____
Naval Weapons Station Earle	
Colts Neck, New Jersey	
Attn:	
From:	
References:	
NON-CONFORMANCE DESCRIPTION:	
	Name:
	Title:
ACTION REQUIRED:	
	Name:
	Title:
DISPOSITION:	
	Name:
	Title:

REQUEST FOR INFORMATION

TO: ROICC _____
_____
_____

RFI: _____ DATE: _____

Contract: N62472-99-D-0032
CTO # 00XX

Attn: _____

FROM: _____
Site QC Engineer

REFERENCES: _____
DRAWING: _____
SPEC SECTION: _____

Reply Needed By: _____

QUESTION:

Name: _____

REPLY:

Date: _____

This reply is given with the expressed understanding that it does not constitute the basis for a change to the price or time for the contract.

If you do not concur, DO NOT PROCEED, and notify the writer immediately.

Name: _____

Title: _____

MATERIALS RECEIVED REPORT FORM

FOSTER WHEELER ENVIRONMENTAL CORPORATION

MATERIAL RECEIVED REPORT

CAP COMMENT:	
CONTRACT #:	
PROJECT NAME:	
VENDOR:	
DATE RECEIVED:	
SPEC. SECTION:	
SUBMITTAL #:	

ITEM #	SPEC PARA.	DESCRIPTION	AMOUNT	STATUS

STATUS KEY:

C = CONFORMS WITH REQUIREMENTS
NC = DOES NOT CONFORM WITH REQUIREMENTS (EXPLANATION REQUIRED)

NWS EARLE GEOTEXTILE AND GEOMEMBRANE INSPECTION REPORT

GEOTEXTILE
FIELD INSPECTION FORM

LOCATION:								
WOVEN:		NON-WOVEN:		Panel Layout on Back:				
SUBSTRATE INSPECTION:								
Substrate Material:								
Acceptable:		Unacceptable		Deficiency:				
Comments:								
METHOD OF PLACEMENT:								
Visual Inspection:			Acceptable:		Unacceptable			
Comments:								
SEAM INSPECTION:								
Sewing Machine No.:			Total Seam Length:					
Edge to Seam Limit (2-in. min.)				Acceptable:		Unacceptable		
REPAIR INSPECTION:								
Location:								
Patch Size:								
Comments:								
QC Engineer					Title			Date

NWS EARLE PUNCH LIST FORM

PUNCH LIST					
ITEM NO.	DATE	DESCRIPTION	SPEC./DWG. REFERENCE	DATE CORRECTED	ENGINEER SIGN-OFF

APPENDIX H

- LIST OF DEFINABLE FEATURES -

TABLE H-1

SUMMARY OF DEFINABLE FEATURES FOR SITE 3

NAVAL WEAPONS STATION EARLE

Definable Feature	References	Components
Demolition of Existing Structures	Section 2050 Demolition and Contract Drawings	Proper and safe demolition of two existing structures located on-site
Landfill Subgrade Preparation/Excavation	Section 02210 Preparation of Subgrade	Excavation of material within the limits of the existing landfill material to achieve the subgrade for the final cover system
		Placement and compaction of fill materials within the limits of the existing landfill material to achieve the subgrade for the final cover system
Installation of the 3 foot Soil Cover Cap	Section 02326 Cover Soil	Placement and compaction of 36 inches of cover soil material
	Section 02800 Top Soil	Placement of 6 inches of top soil to support final seeding and vegetation
Storm Water Management Measures	Section 02501 Culverts	Placement of corrugated plastic pipe, fittings, and appurtenances for construction of the storm water system
	Section 02323 Rip-Rap	Placement of the rip-rap layer material for the side-slope cover system
	Section 02323 Rip-Rap and Section 02327 Drainage Ditches	Placement of the rip-rap layer material for drainage ditches
	Section 02800 Top Soil and Section 02327 Drainage Ditches	Placement of the top soils for fortified drainage ditches
Monitoring Wells	Section 15100 Extension of Existing Monitoring Wells	Extending existing wells to 3 feet above finished grade
	Section 02900 Installation of Monitoring Wells	Installing new monitoring wells as shown on Contract Drawings
Seeding	Section 02840 Seeding	Scarifying the seed bed
		Furnishing and placing pulverized agricultural limestone, commercial fertilizer, seed, and mulching
		Maintaining seeded areas

TABLE H-2

SUMMARY OF DEFINABLE FEATURES FOR SITE 10

NAVAL WEAPONS STATION EARLE

Definable Feature	References	Components
Landfill Subgrade Preparation/Excavation	Section 02210 Preparation of Subgrade	Excavation of material within the limits of the existing landfill material to achieve the subgrade for the final cover system
		Placement and compaction of fill materials within the limits of the existing landfill material to achieve the subgrade for the final cover system
Bedding/Gas Management Layer	Section 02320 Granular Gas Management Material and Granular Drainage Material	Placement of gas management layer material for the final cover system
Geomembrane	Section 02771 HDPE Geomembrane Liner	Installation of 60-mil HDPE geomembrane liner on the plateau and side-slopes of the cover system
Geotextile	Section 02714 Geotextile Fabric	Placement of 8 ounce geotextile fabric between the HDPE geomembrane and the drainage layer
		Placement of 12 ounce geotextile fabric between the drainage layer and the cover soil material
Cover Soil Layer	Section 02326 Cover Soil	Placement and compaction of 12 inches of cover soil material
Top Soil Layer	Section 02800 Top Soil	Placement of 6 inches of top soil to support final seeding and vegetation
Storm Water Management Measures	Section 02501 Culverts	Placement of corrugated metal pipe, fittings, and appurtenances for construction of the storm water system
	Section 02323 Rip-Rap	Placement of the rip-rap layer material for the side-slope cover system
	Section 02323 Rip-Rap and Section 02327 Drainage Ditches	Placement of the rip-rap layer material for drainage ditches
	Section 02800 Top Soil and Section 02327 Drainage Ditches	Placement of the top soils for fortified drainage ditches
Monitoring Wells	Section 15100 Extension of Existing Monitoring Wells	Extending existing wells to 3 feet above finished grade
Seeding	Section 02840 Seeding	Scarifying the seed bed
		Furnishing and placing pulverized agricultural limestone, commercial fertilizer, seed, and mulching
		Maintaining seeded areas

ATTACHMENT #7

Hydraulic Evaluation of Landfill Performance

```
******************************************************************************
******************************************************************************
**                                                                          **
**                                                                          **
**              HYDROLOGIC EVALUATION OF LANDFILL PERFORMANCE               **
**                HELP MODEL VERSION 3.07  (1 NOVEMBER 1997)                **
**                  DEVELOPED BY ENVIRONMENTAL LABORATORY                   **
**                    USAE WATERWAYS EXPERIMENT STATION                     **
**             FOR USEPA RISK REDUCTION ENGINEERING LABORATORY              **
**                                                                          **
**                                                                          **
******************************************************************************
******************************************************************************


PRECIPITATION DATA FILE:    C:\HELP3\RUN2A4.D4
TEMPERATURE DATA FILE:      C:\HELP3\RUN2A7.D7
SOLAR RADIATION DATA FILE:  C:\HELP3\RUN2A13.D13
EVAPOTRANSPIRATION DATA:    C:\HELP3\RUN2A11.D11
SOIL AND DESIGN DATA FILE:  C:\HELP3\RUN2A10.D10
OUTPUT DATA FILE:           C:\HELP3\exaMples\output2.OUT


TIME:  14:19     DATE:   8/24/2001


******************************************************************************

     TITLE:  earle landfill 2

******************************************************************************


     NOTE:  INITIAL MOISTURE CONTENT OF THE LAYERS AND SNOW WATER WERE
              COMPUTED AS NEARLY STEADY-STATE VALUES BY THE PROGRAM.


                                LAYER  1
                                --------

                  TYPE 1 - VERTICAL PERCOLATION LAYER
                      MATERIAL TEXTURE NUMBER   9
        THICKNESS                   =      6.00   INCHES
        POROSITY                    =      0.5010 VOL/VOL
        FIELD CAPACITY              =      0.2840 VOL/VOL
        WILTING POINT               =      0.1350 VOL/VOL
        INITIAL SOIL WATER CONTENT  =      0.4202 VOL/VOL
        EFFECTIVE SAT. HYD. COND.   =  0.190000006000E-03 CM/SEC
      NOTE:  SATURATED HYDRAULIC CONDUCTIVITY IS MULTIPLIED BY  3.00
               FOR ROOT CHANNELS IN TOP HALF OF EVAPORATIVE ZONE.


                                LAYER  2
                                --------

                     TYPE 3 - BARRIER SOIL LINER
                     MATERIAL TEXTURE NUMBER  27
        THICKNESS                   =     12.00   INCHES
        POROSITY                    =      0.4000 VOL/VOL
        FIELD CAPACITY              =      0.3660 VOL/VOL
        WILTING POINT               =      0.2880 VOL/VOL
        INITIAL SOIL WATER CONTENT  =      0.4000 VOL/VOL
        EFFECTIVE SAT. HYD. COND.   =  0.779999993000E-06 CM/SEC


                                LAYER  3
                                --------

                   TYPE 2 - LATERAL DRAINAGE LAYER
                     MATERIAL TEXTURE NUMBER   1
        THICKNESS                   =     12.00   INCHES
        POROSITY                    =      0.4170 VOL/VOL
        FIELD CAPACITY              =      0.0450 VOL/VOL
        WILTING POINT               =      0.0180 VOL/VOL
        INITIAL SOIL WATER CONTENT  =      0.0810 VOL/VOL
        EFFECTIVE SAT. HYD. COND.   =  0.999999978000E-02 CM/SEC
        SLOPE                       =      5.00   PERCENT
        DRAINAGE LENGTH             =    100.0    FEET


                                LAYER  4
                                --------
```

```
              TYPE 4 - FLEXIBLE MEMBRANE LINER
                MATERIAL TEXTURE NUMBER  35
THICKNESS                    =      0.06   INCHES
POROSITY                     =      0.0000 VOL/VOL
FIELD CAPACITY               =      0.0000 VOL/VOL
WILTING POINT                =      0.0000 VOL/VOL
INITIAL SOIL WATER CONTENT   =      0.0000 VOL/VOL
EFFECTIVE SAT. HYD. COND.    =  0.199999996000E-12 CM/SEC
FML PINHOLE DENSITY          =      1.00   HOLES/ACRE
FML INSTALLATION DEFECTS     =      4.00   HOLES/ACRE
FML PLACEMENT QUALITY        =  3 - GOOD


                          LAYER  5
                          --------

              TYPE 2 - LATERAL DRAINAGE LAYER
                MATERIAL TEXTURE NUMBER   2
THICKNESS                    =     12.00   INCHES
POROSITY                     =      0.4370 VOL/VOL
FIELD CAPACITY               =      0.0620 VOL/VOL
WILTING POINT                =      0.0240 VOL/VOL
INITIAL SOIL WATER CONTENT   =      0.1165 VOL/VOL
EFFECTIVE SAT. HYD. COND.    =  0.579999993000E-02 CM/SEC


                          LAYER  6
                          --------

              TYPE 2 - LATERAL DRAINAGE LAYER
                MATERIAL TEXTURE NUMBER  18
THICKNESS                    =    120.00   INCHES
POROSITY                     =      0.6710 VOL/VOL
FIELD CAPACITY               =      0.2920 VOL/VOL
WILTING POINT                =      0.0770 VOL/VOL
INITIAL SOIL WATER CONTENT   =      0.2920 VOL/VOL
EFFECTIVE SAT. HYD. COND.    =  0.100000005000E-02 CM/SEC
SLOPE                        =      5.00   PERCENT
DRAINAGE LENGTH              =    100.0    FEET


                          LAYER  7
                          --------

              TYPE 3 - BARRIER SOIL LINER
                MATERIAL TEXTURE NUMBER  27
THICKNESS                    =    600.00   INCHES
POROSITY                     =      0.4000 VOL/VOL
FIELD CAPACITY               =      0.3660 VOL/VOL
WILTING POINT                =      0.2880 VOL/VOL
INITIAL SOIL WATER CONTENT   =      0.4000 VOL/VOL
EFFECTIVE SAT. HYD. COND.    =  0.779999993000E-06 CM/SEC


          GENERAL DESIGN AND EVAPORATIVE ZONE DATA
          ----------------------------------------

 NOTE:  SCS RUNOFF CURVE NUMBER WAS COMPUTED FROM DEFAULT
          SOIL DATA BASE USING SOIL TEXTURE # 9 WITH A
          POOR STAND OF GRASS, A SURFACE SLOPE OF  5.%
          AND A SLOPE LENGTH OF  100. FEET.

SCS RUNOFF CURVE NUMBER              =     88.30
FRACTION OF AREA ALLOWING RUNOFF     =    100.0    PERCENT
AREA PROJECTED ON HORIZONTAL PLANE   =      2.500  ACRES
EVAPORATIVE ZONE DEPTH               =      6.0    INCHES
INITIAL WATER IN EVAPORATIVE ZONE    =      2.521  INCHES
UPPER LIMIT OF EVAPORATIVE STORAGE   =      3.006  INCHES
LOWER LIMIT OF EVAPORATIVE STORAGE   =      0.810  INCHES
INITIAL SNOW WATER                   =      0.000  INCHES
INITIAL WATER IN LAYER MATERIALS     =    284.731  INCHES
TOTAL INITIAL WATER                  =    284.731  INCHES
TOTAL SUBSURFACE INFLOW              =      0.00   INCHES/YEAR


           EVAPOTRANSPIRATION AND WEATHER DATA
           -----------------------------------

 NOTE:  EVAPOTRANSPIRATION DATA WAS OBTAINED FROM
          EDISON                NEW JERSEY

     STATION LATITUDE                        =  40.50 DEGREES
     MAXIMUM LEAF AREA INDEX                 =   2.00
     START OF GROWING SEASON (JULIAN DATE)   =    109
     END OF GROWING SEASON (JULIAN DATE)     =    299
```

EVAPORATIVE ZONE DEPTH = 6.0 INCHES
AVERAGE ANNUAL WIND SPEED = 10.20 MPH
AVERAGE 1ST QUARTER RELATIVE HUMIDITY = 64.00 %
AVERAGE 2ND QUARTER RELATIVE HUMIDITY = 61.00 %
AVERAGE 3RD QUARTER RELATIVE HUMIDITY = 66.00 %
AVERAGE 4TH QUARTER RELATIVE HUMIDITY = 68.00 %

NOTE: PRECIPITATION DATA WAS SYNTHETICALLY GENERATED USING
COEFFICIENTS FOR NEWARK NEW JERSEY

NORMAL MEAN MONTHLY PRECIPITATION (INCHES)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
3.13	3.05	4.15	3.57	3.59	2.94
3.85	4.30	3.66	3.09	3.59	3.42

NOTE: TEMPERATURE DATA WAS SYNTHETICALLY GENERATED USING
COEFFICIENTS FOR EDISON NEW JERSEY

NORMAL MEAN MONTHLY TEMPERATURE (DEGREES FAHRENHEIT)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
31.20	32.80	40.60	51.60	61.40	70.20
74.90	73.10	66.70	56.50	45.60	33.90

NOTE: SOLAR RADIATION DATA WAS SYNTHETICALLY GENERATED USING
COEFFICIENTS FOR EDISON NEW JERSEY
AND STATION LATITUDE = 40.50 DEGREES

HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

****

DAILY OUTPUT FOR YEAR 1

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.00	0.000	0.041	0.4075	3.9868	.0000E+00	.3535E-01	1.1593	.3278E-01	.4832E-02	0.0006	.2103E-06	.1737E-0
2	*		0.00	0.000	0.037	0.3954	3.7561	.0000E+00	.3484E-01	1.1529	.3260E-01	.4811E-02	0.0003	.1197E-06	.1402E-0
3	*		0.00	0.000	0.037	0.3836	3.5402	.0000E+00	.3436E-01	1.1457	.3240E-01	.4788E-02	0.0007	.2765E-06	.1993E-0
4	*		0.00	0.000	0.000	0.3779	3.3479	.0000E+00	.3393E-01	1.1380	.3218E-01	.4763E-02	0.0007	.3175E-06	.2135E-0
5	*		0.00	0.000	0.038	0.3659	3.1704	.0000E+00	.3354E-01	1.1297	.3194E-01	.4736E-02	0.0007	.3601E-06	.2273E-0
6			0.12	0.000	0.057	0.3709	2.9587	.0000E+00	.3307E-01	1.1211	.3170E-01	.4708E-02	0.0008	.4039E-06	.2407E-0
7	*		0.00	0.000	0.041	0.3586	2.7668	.0000E+00	.3265E-01	1.1120	.3144E-01	.4679E-02	0.0008	.4531E-06	.3187E-0
8			0.00	0.000	0.042	0.3462	2.5830	.0000E+00	.3224E-01	1.1026	.3118E-01	.4648E-02	0.0009	.5070E-06	.2691E-0
9			0.00	0.000	0.045	0.3335	2.3996	.0000E+00	.3184E-01	1.0928	.3090E-01	.4616E-02	0.0009	.5529E-06	.2809E-0
10	*		0.00	0.000	0.036	0.3222	2.2197	.0000E+00	.3144E-01	1.0829	.3062E-01	.4583E-02	0.0010	.5986E-06	.2923E-0
11	*		0.13	0.000	0.044	0.3203	2.0389	.0000E+00	.3104E-01	1.0727	.3033E-01	.4550E-02	0.0005	.3219E-06	.2266E-0
12	*		0.02	0.000	0.037	0.3185	1.9127	.0000E+00	.3076E-01	1.0624	.3004E-01	.4516E-02	0.0010	.6755E-06	.3108E-0
13	*		0.00	0.000	0.042	0.3115	1.7735	.0000E+00	.3045E-01	1.0522	.2975E-01	.4483E-02	0.0011	.7190E-06	.3206E-0
14	*		0.00	0.000	0.000	0.3065	1.6436	.0000E+00	.3017E-01	1.0421	.2946E-01	.4449E-02	0.0011	.7612E-06	.3298E-0
15	*		0.00	0.000	0.000	0.3015	1.5051	.0000E+00	.2986E-01	1.0320	.2918E-01	.4416E-02	0.0011	.8018E-06	.3384E-0
16	*		0.00	0.000	0.000	0.2966	1.3698	.0000E+00	.2956E-01	1.0220	.2890E-01	.4383E-02	0.0011	.8408E-06	.3465E-0
17	*		0.02	0.000	0.047	0.2872	1.2352	.0000E+00	.2926E-01	1.0120	.2861E-01	.4350E-02	0.0012	.8781E-06	.4434E-0
18	*		0.00	0.000	0.043	0.2752	1.0782	.0000E+00	.2892E-01	1.0020	.2833E-01	.4316E-02	0.0012	.9244E-06	.3628E-0
19			0.00	0.000	0.061	0.2603	0.9346	.0000E+00	.2860E-01	0.9920	.2805E-01	.4283E-02	0.0012	.9579E-06	.3693E-0
20			0.00	0.000	0.069	0.2441	0.7960	.0000E+00	.2829E-01	0.9820	.2777E-01	.4250E-02	0.0012	.9896E-06	.3753E-0
21			0.00	0.000	0.077	0.2266	0.6556	.0000E+00	.2798E-01	0.9720	.2748E-01	.4216E-02	0.0013	.1019E-05	.3809E-0
22			0.00	0.000	0.062	0.2117	0.5167	.0000E+00	.2767E-01	0.9620	.2720E-01	.4183E-02	0.0006	.5226E-06	.2894E-0
23			0.00	0.000	0.075	0.1946	0.3799	.0000E+00	.2737E-01	0.9520	.2692E-01	.4149E-02	0.0013	.1065E-05	.3896E-0
24			0.38	0.000	0.079	0.2402	0.2434	.0000E+00	.2707E-01	0.9421	.2664E-01	.4116E-02	0.0013	.1089E-05	.3941E-0
25			0.18	0.000	0.067	0.2546	0.1092	.0000E+00	.2677E-01	0.9322	.2636E-01	.4082E-02	0.0013	.1112E-05	.3981E-0
26			0.48	0.000	0.061	0.3236	0.0066	.0000E+00	.5337E-02	0.9014	.2549E-01	.3977E-02	0.0013	.1157E-05	.4070E-0
27			0.00	0.000	0.063	0.3083	0.7229	.0000E+00	.2813E-01	0.8612	.2435E-01	.3840E-02	0.0014	.1225E-05	.4190E-0
28			0.00	0.000	0.063	0.2932	0.7998	.0000E+00	.2830E-01	0.8612	.2435E-01	.3840E-02	0.0014	.1244E-05	.5255E-0
29			0.00	0.000	0.059	0.2787	0.7592	.0000E+00	.2821E-01	0.8614	.2436E-01	.3841E-02	0.0014	.1231E-05	.4183E-0
30			0.00	0.000	0.067	0.2629	0.6246	.0000E+00	.2791E-01	0.8611	.2435E-01	.3840E-02	0.0014	.1222E-05	.4167E-0
31			0.07	0.000	0.063	0.2596	0.4939	.0000E+00	.2762E-01	0.8601	.2432E-01	.3836E-02	0.0007	.6072E-06	.3118E-0
32	*		0.00	0.000	0.050	0.2466	0.3714	.0000E+00	.2735E-01	0.8585	.2427E-01	.3831E-02	0.0014	.1210E-05	.4147E-0
33	*		0.01	0.000	0.050	0.2354	0.2632	.0000E+00	.2711E-01	0.8563	.2421E-01	.3823E-02	0.0014	.1205E-05	.4139E-0

34		0.02	0.000	0.056	0.2250	0.1402	.0000E+00	.2684E-01	0.8536	.2414E-01	.3814E-02	0.0014	.1199E-05	.5163E-0
35	*	0.00	0.000	0.043	0.2157	0.0211	.0000E+00	.1197E-01	0.8360	.2364E-01	.3753E-02	0.0007	.6142E-06	.3132E-0
36	*	0.20	0.000	0.041	0.2190	0.0000	.0000E+00	.0000E+00	0.7839	.2217E-01	.3571E-02	0.0014	.1281E-05	.4289E-0
37	*	0.00	0.000	0.054	0.2223	0.0000	.0000E+00	.0000E+00	0.7169	.2027E-01	.3334E-02	0.0015	.1389E-05	.5594E-0
38		0.00	0.000	0.078	0.2203	0.0000	.0000E+00	.0000E+00	0.6555	.1853E-01	.3112E-02	0.0015	.1538E-05	.4671E-0
39		0.00	0.000	0.069	0.2087	0.0000	.0000E+00	.0000E+00	0.5991	.1694E-01	.2904E-02	0.0008	.8183E-06	.3606E-0
40		0.00	0.000	0.063	0.1982	0.0000	.0000E+00	.0000E+00	0.5475	.1548E-01	.2710E-02	0.0016	.1656E-05	.4870E-0
41		0.07	0.000	0.075	0.1974	0.0000	.0000E+00	.0000E+00	0.5002	.1414E-01	.2528E-02	0.0016	.1711E-05	.4949E-0
42		0.00	0.000	0.085	0.1833	0.0000	.0000E+00	.0000E+00	0.4568	.1292E-01	.2358E-02	0.0016	.1752E-05	.5006E-0
43		0.00	0.000	0.077	0.1705	0.0000	.0000E+00	.0000E+00	0.4170	.1179E-01	.2199E-02	0.0017	.1780E-05	.5043E-0
44		0.00	0.000	0.085	0.1563	0.0000	.0000E+00	.0000E+00	0.3806	.1076E-01	.2051E-02	0.0017	.1796E-05	.5063E-0
45		0.00	0.000	0.082	0.1426	0.0000	.0000E+00	.0000E+00	0.3473	.9820E-02	.1912E-02	0.0017	.1801E-05	.5069E-0
46		0.00	0.000	0.045	0.1350	0.0000	.0000E+00	.0000E+00	0.3168	.8957E-02	.1782E-02	0.0017	.1784E-05	.6314E-0
47		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2888	.8167E-02	.1660E-02	0.0017	.1791E-05	.5038E-0
48		0.16	0.000	0.032	0.1563	0.0000	.0000E+00	.0000E+00	0.2633	.7444E-02	.1547E-02	0.0017	.1770E-05	.5008E-0
49		0.24	0.000	0.032	0.1910	0.0000	.0000E+00	.0000E+00	0.2399	.6783E-02	.1441E-02	0.0016	.1744E-05	.4970E-0
50		0.34	0.000	0.046	0.2400	0.0000	.0000E+00	.0000E+00	0.2185	.6179E-02	.1342E-02	0.0016	.1713E-05	.4926E-0
51		0.00	0.000	0.066	0.2291	0.0000	.0000E+00	.0000E+00	0.1990	.5626E-02	.1249E-02	0.0008	.8389E-06	.3671E-0
52		0.01	0.000	0.070	0.2191	0.0000	.0000E+00	.0000E+00	0.1811	.5120E-02	.1162E-02	0.0016	.1642E-05	.4835E-0
53		0.00	0.000	0.058	0.2094	0.0000	.0000E+00	.0000E+00	0.1648	.4659E-02	.1082E-02	0.0016	.1604E-05	.4777E-0
54	*	0.16	0.000	0.047	0.2127	0.0000	.0000E+00	.0000E+00	0.1498	.4237E-02	.1006E-02	0.0016	.1564E-05	.4716E-0
55		0.09	0.000	0.036	0.2373	0.0000	.0000E+00	.0000E+00	0.1362	.3851E-02	.9355E-03	0.0015	.1522E-05	.4653E-0
56	*	0.00	0.000	0.053	0.2284	0.0000	.0000E+00	.0000E+00	0.1238	.3500E-02	.8696E-03	0.0015	.1479E-05	.4587E-0
57		0.00	0.000	0.063	0.2179	0.0000	.0000E+00	.0000E+00	0.1124	.3179E-02	.8081E-03	0.0015	.1437E-05	.4519E-0
58		0.00	0.000	0.078	0.2049	0.0000	.0000E+00	.0000E+00	0.1021	.2886E-02	.7508E-03	0.0015	.1393E-05	.4451E-0
59		0.05	0.000	0.067	0.2022	0.0000	.0000E+00	.0000E+00	0.0926	.2619E-02	.6972E-03	0.0014	.1351E-05	.4382E-0
60		0.00	0.000	0.074	0.1899	0.0000	.0000E+00	.0000E+00	0.0840	.2375E-02	.6473E-03	0.0014	.1308E-05	.5374E-0
61	*	0.00	0.000	0.054	0.1809	0.0000	.0000E+00	.0000E+00	0.0762	.2153E-02	.6007E-03	0.0014	.1259E-05	.4224E-0
62	*	0.00	0.000	0.000	0.1809	0.0000	.0000E+00	.0000E+00	0.0690	.1951E-02	.5572E-03	0.0014	.1218E-05	.4154E-0
63		0.56	0.000	0.063	0.2637	0.0000	.0000E+00	.0000E+00	0.0625	.1767E-02	.5167E-03	0.0007	.5963E-06	.3074E-0
64		0.00	0.000	0.088	0.2490	0.0000	.0000E+00	.0000E+00	0.0566	.1599E-02	.4790E-03	0.0013	.1144E-05	.4032E-0
65	*	0.54	0.000	0.043	0.2523	0.0000	.0000E+00	.0000E+00	0.0512	.1447E-02	.4438E-03	0.0013	.1098E-05	.4940E-0
66	*	0.00	0.000	0.039	0.2556	0.0000	.0000E+00	.0000E+00	0.0463	.1308E-02	.4110E-03	0.0013	.1061E-05	.3878E-0
67		0.03	0.000	0.029	0.3243	0.0574	.0000E+00	.6760E-02	0.0485	.1372E-02	.4259E-03	0.0012	.1000E-05	.3766E-0
68	*	0.00	0.000	0.075	0.3072	0.4920	.0000E+00	.2762E-01	0.0821	.2321E-02	.6330E-03	0.0011	.8505E-06	.3473E-0
69		0.00	0.000	0.080	0.2892	0.7340	.0000E+00	.2815E-01	0.1467	.4148E-02	.9887E-03	0.0010	.6557E-06	.3050E-0
70	*	0.57	0.000	0.041	0.2878	0.7240	.0000E+00	.2813E-01	0.2065	.5839E-02	.1284E-02	0.0009	.5164E-06	.2708E-0
71	*	0.05	0.000	0.039	0.2864	0.6140	.0000E+00	.2789E-01	0.2609	.7377E-02	.1536E-02	0.0008	.4140E-06	.2425E-0
72	*	0.00	0.000	0.036	0.2851	0.4931	.0000E+00	.2762E-01	0.3100	.8765E-02	.1752E-02	0.0007	.3377E-06	.2191E-0
73	*	0.61	0.000	0.000	0.2838	0.3716	.0000E+00	.2735E-01	0.3542	.1002E-01	.1941E-02	0.0007	.2802E-06	.1996E-0
74		0.00	0.000	0.000	0.3450	0.3905	.0000E+00	.2740E-01	0.3943	.1115E-01	.2107E-02	0.0006	.2361E-06	.1833E-0
75		0.14	0.037	0.000	0.4634	2.6012	.0000E+00	.3228E-01	0.4360	.1233E-01	.2275E-02	0.0006	.1973E-06	.1676E-0
76		0.00	0.000	0.065	0.4463	4.7844	.0000E+00	.3711E-01	0.4868	.1376E-01	.2476E-02	0.0002	.7789E-07	.1120E-0
77		0.00	0.000	0.073	0.4282	4.4647	.0000E+00	.3640E-01	0.5404	.1528E-01	.2683E-02	0.0005	.1357E-06	.1698E-0
78		0.00	0.000	0.117	0.4028	4.0676	.0000E+00	.3553E-01	0.5875	.1661E-01	.2861E-02	0.0004	.9823E-07	.1185E-0
79		0.25	0.000	0.098	0.4223	3.7485	.0000E+00	.3482E-01	0.6286	.1777E-01	.3013E-02	0.0004	.8178E-07	.1082E-0
80		0.00	0.000	0.086	0.4022	3.7297	.0000E+00	.3478E-01	0.6651	.1880E-01	.3147E-02	0.0003	.7044E-07	.1005E-0
81		0.00	0.000	0.113	0.3776	3.5042	.0000E+00	.3428E-01	0.6979	.1973E-01	.3266E-02	0.0003	.6267E-07	.9481E-0
82		0.04	0.000	0.113	0.3599	3.1795	.0000E+00	.3356E-01	0.7266	.2054E-01	.3369E-02	0.0003	.5810E-07	.9133E-0
83		0.00	0.000	0.118	0.3348	2.9067	.0000E+00	.3296E-01	0.7511	.2124E-01	.3456E-02	0.0003	.5619E-07	.8985E-0
84		0.01	0.000	0.096	0.3150	2.6656	.0000E+00	.3243E-01	0.7721	.2183E-01	.3530E-02	0.0003	.5639E-07	.9003E-0
85		0.00	0.000	0.135	0.2872	2.3819	.0000E+00	.3180E-01	0.7899	.2233E-01	.3592E-02	0.0003	.5846E-07	.9167E-0
86		0.00	0.000	0.116	0.2628	2.0014	.0000E+00	.3096E-01	0.8043	.2274E-01	.3643E-02	0.0003	.6243E-07	.9473E-0
87		0.00	0.000	0.120	0.2376	1.7104	.0000E+00	.3031E-01	0.8156	.2306E-01	.3682E-02	0.0002	.3271E-07	.7352E-0
88		0.00	0.000	0.142	0.2091	1.1908	.0000E+00	.2916E-01	0.8237	.2329E-01	.3711E-02	0.0003	.7462E-07	.1032E-0
89		0.37	0.000	0.121	0.2459	0.8676	.0000E+00	.2845E-01	0.8287	.2343E-01	.3728E-02	0.0004	.8392E-07	.1096E-0
90		0.71	0.009	0.112	0.3394	0.7205	.0000E+00	.2812E-01	0.8317	.2352E-01	.3738E-02	0.0004	.9505E-07	.1167E-0
91		0.03	0.000	0.090	0.3247	0.7700	.0000E+00	.2823E-01	0.8341	.2358E-01	.3746E-02	0.0004	.1074E-06	.1240E-0
92		0.00	0.000	0.152	0.2946	0.9002	.0000E+00	.2852E-01	0.8367	.2366E-01	.3756E-02	0.0004	.1204E-06	.1653E-0
93		0.00	0.000	0.151	0.2647	0.9504	.0000E+00	.2863E-01	0.8397	.2374E-01	.3766E-02	0.0005	.1369E-06	.1400E-0
94		0.00	0.000	0.127	0.2388	0.8915	.0000E+00	.2850E-01	0.8425	.2382E-01	.3776E-02	0.0005	.1509E-06	.1470E-0
95		0.48	0.000	0.112	0.2955	0.7433	.0000E+00	.2818E-01	0.8445	.2388E-01	.3783E-02	0.0005	.1660E-06	.1541E-0
96		0.00	0.000	0.084	0.2769	0.5996	.0000E+00	.2786E-01	0.8456	.2391E-01	.3786E-02	0.0003	.8895E-07	.1204E-0
97		0.00	0.000	0.096	0.2563	0.4612	.0000E+00	.2755E-01	0.8457	.2391E-01	.3787E-02	0.0005	.1952E-06	.1671E-0
98		0.00	0.000	0.091	0.2366	0.3282	.0000E+00	.2726E-01	0.8450	.2389E-01	.3784E-02	0.0006	.2133E-06	.1746E-0
99	*	0.00	0.000	0.087	0.2177	0.1900	.0000E+00	.2695E-01	0.8436	.2385E-01	.3779E-02	0.0006	.2323E-06	.2290E-0
100		0.28	0.000	0.123	0.2406	0.0520	.0000E+00	.1985E-01	0.8348	.2360E-01	.3749E-02	0.0006	.2636E-06	.1940E-0
101		0.00	0.000	0.133	0.2183	0.0000	.0000E+00	.0000E+00	0.7955	.2249E-01	.3612E-02	0.0007	.3203E-06	.2138E-0
102		0.00	0.000	0.118	0.1988	0.0000	.0000E+00	.0000E+00	0.7276	.2057E-01	.3372E-02	0.0008	.4119E-06	.2423E-0
103		0.11	0.000	0.125	0.1962	0.0000	.0000E+00	.0000E+00	0.6652	.1881E-01	.3147E-02	0.0009	.5022E-06	.2674E-0
104		0.00	0.000	0.130	0.1746	0.0000	.0000E+00	.0000E+00	0.6081	.1719E-01	.2937E-02	0.0005	.2943E-06	.2170E-0
105		0.01	0.000	0.092	0.1610	0.0000	.0000E+00	.0000E+00	0.5557	.1571E-01	.2741E-02	0.0010	.6388E-06	.3808E-0
106		0.00	0.000	0.154	0.1353	0.0000	.0000E+00	.0000E+00	0.5077	.1435E-01	.2557E-02	0.0011	.7426E-06	.3248E-0
107		0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.4637	.1311E-01	.2385E-02	0.0006	.4064E-06	.2545E-0
108		0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.4233	.1197E-01	.2225E-02	0.0011	.8422E-06	.3478E-0
109		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3864	.1093E-01	.2074E-02	0.0012	.8941E-06	.4477E-0
110		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3526	.9969E-02	.1934E-02	0.0012	.9571E-06	.3685E-0
111		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3216	.9094E-02	.1803E-02	0.0012	.9910E-06	.3750E-0
112		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2933	.8293E-02	.1680E-02	0.0006	.5140E-06	.2857E-0
113		0.31	0.000	0.022	0.1829	0.0000	.0000E+00	.0000E+00	0.2673	.7559E-02	.1565E-02	0.0013	.1025E-05	.3828E-0
114		0.10	0.000	0.031	0.1944	0.0000	.0000E+00	.0000E+00	0.2436	.6888E-02	.1458E-02	0.0013	.1041E-05	.3857E-0
115		0.00	0.000	0.030	0.1894	0.0000	.0000E+00	.0000E+00	0.2219	.6275E-02	.1357E-02	0.0013	.1052E-05	.4836E-0
116		0.00	0.000	0.028	0.1847	0.0000	.0000E+00	.0000E+00	0.2021	.5713E-02	.1264E-02	0.0013	.1064E-05	.3885E-0
117		0.28	0.000	0.032	0.2261	0.0000	.0000E+00	.0000E+00	0.1839	.5201E-02	.1176E-02	0.0013	.1063E-05	.3883E-0
118		0.02	0.000	0.033	0.2239	0.0000	.0000E+00	.0000E+00	0.1673	.4732E-02	.1094E-02	0.0013	.1059E-05	.3875E-0
119		0.09	0.000	0.033	0.2334	0.0000	.0000E+00	.0000E+00	0.1522	.4304E-02	.1018E-02	0.0013	.1051E-05	.3860E-0
120		0.40	0.000	0.033	0.2946	0.0000	.0000E+00	.0000E+00	0.1384	.3913E-02	.9468E-03	0.0013	.1040E-05	.3840E-0
121		0.00	0.000	0.132	0.2682	0.0449	.0000E+00	.2663E-01	0.1522	.4303E-02	.1017E-02	0.0012	.9565E-06	.3683E-0
122		0.00	0.000	0.160	0.2372	0.0884	.0000E+00	.2673E-01	0.2077	.5872E-02	.1290E-02	0.0011	.7850E-06	.3337E-0
123		0.00	0.000	0.166	0.2090	0.0053	.0000E+00	.3309E-02	0.2353	.6653E-02	.1420E-02	0.0005	.3496E-06	.2368E-0
124		0.00	0.000	0.183	0.1786	0.0000	.0000E+00	.0000E+00	0.2196	.6210E-02	.1347E-02	0.0010	.7017E-06	.3165E-0
125		0.00	0.000	0.084	0.1645	0.0000	.0000E+00	.0000E+00	0.2000	.5654E-02	.1254E-02	0.0010	.7119E-06	.3994E-0
126		0.04	0.000	0.070	0.1595	0.0000	.0000E+00	.0000E+00	0.1820	.5146E-02	.1167E-02	0.0011	.7370E-06	.3234E-0
127		0.00	0.000	0.056	0.1502	0.0000	.0000E+00	.0000E+00	0.1656	.4682E-02	.1086E-02	0.0011	.7459E-06	.3253E-0
128		0.00	0.000	0.049	0.1420	0.0000	.0000E+00	.0000E+00	0.1506	.4258E-02	.1010E-02	0.0011	.7515E-06	.3265E-0
129		0.00	0.000	0.040	0.1353	0.0000	.0000E+00	.0000E+00	0.1369	.3871E-02	.9391E-03	0.0011	.7541E-06	.3271E-0

130	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.1244	.3518E-02	.8730E-03	0.0011	.7540E-06	.3271E-0
131	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1130	.3195E-02	.8113E-03	0.0011	.7516E-06	.3265E-0
132	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1026	.2901E-02	.7537E-03	0.0011	.7470E-06	.3255E-0
133	0.05	0.000	0.008	0.1421	0.0000	.0000E+00	.0000E+00	0.0931	.2632E-02	.7000E-03	0.0011	.7406E-06	.3241E-0
134	0.68	0.000	0.027	0.2509	0.0000	.0000E+00	.0000E+00	0.0844	.2388E-02	.6499E-03	0.0005	.3702E-06	.2424E-0
135	0.08	0.000	0.035	0.2585	0.0000	.0000E+00	.0000E+00	0.0766	.2165E-02	.6031E-03	0.0011	.7230E-06	.4003E-0
136	0.00	0.000	0.206	0.2241	0.0000	.0000E+00	.0000E+00	0.0694	.1961E-02	.5595E-03	0.0011	.7128E-06	.3180E-0
137	0.00	0.000	0.031	0.2190	0.0000	.0000E+00	.0000E+00	0.0628	.1776E-02	.5188E-03	0.0010	.7013E-06	.3154E-0
138	0.00	0.000	0.030	0.2139	0.0000	.0000E+00	.0000E+00	0.0569	.1608E-02	.4809E-03	0.0005	.3481E-06	.2351E-0
139	0.00	0.000	0.031	0.2088	0.0000	.0000E+00	.0000E+00	0.0514	.1455E-02	.4456E-03	0.0010	.6773E-06	.3104E-0
140	0.00	0.000	0.030	0.2038	0.0000	.0000E+00	.0000E+00	0.0465	.1315E-02	.4127E-03	0.0010	.6641E-06	.3073E-0
141	0.00	0.000	0.030	0.1988	0.0000	.0000E+00	.0000E+00	0.0420	.1188E-02	.3821E-03	0.0010	.6505E-06	.3041E-0
142	0.00	0.000	0.031	0.1936	0.0000	.0000E+00	.0000E+00	0.0380	.1073E-02	.3536E-03	0.0010	.6365E-06	.3008E-0
143	0.04	0.000	0.036	0.1942	0.0000	.0000E+00	.0000E+00	0.0343	.9686E-03	.3270E-03	0.0010	.6223E-06	.2974E-0
144	0.00	0.000	0.030	0.1893	0.0000	.0000E+00	.0000E+00	0.0309	.8736E-03	.3023E-03	0.0010	.6079E-06	.2940E-0
145	0.25	0.000	0.035	0.2251	0.0000	.0000E+00	.0000E+00	0.0278	.7874E-03	.2794E-03	0.0010	.5906E-06	.3623E-0
146	0.16	0.000	0.032	0.2464	0.0000	.0000E+00	.0000E+00	0.0251	.7092E-03	.2580E-03	0.0009	.5766E-06	.2860E-0
147	0.00	0.000	0.031	0.2412	0.0000	.0000E+00	.0000E+00	0.0226	.6383E-03	.2381E-03	0.0009	.5621E-06	.2824E-0
148	0.00	0.000	0.031	0.2361	0.0000	.0000E+00	.0000E+00	0.0203	.5741E-03	.2197E-03	0.0009	.5478E-06	.2788E-0
149	0.54	0.000	0.035	0.3202	0.0000	.0000E+00	.0000E+00	0.0182	.5160E-03	.2026E-03	0.0009	.5336E-06	.2752E-0
150	0.11	0.000	0.293	0.2851	0.5006	.0000E+00	.2764E-01	0.0438	.1239E-02	.3863E-03	0.0008	.4474E-06	.2520E-0
151	0.03	0.000	0.184	0.2548	0.5573	.0000E+00	.2776E-01	0.1114	.3151E-02	.8009E-03	0.0003	.1510E-06	.1555E-0
152	0.47	0.000	0.237	0.2890	0.4359	.0000E+00	.2750E-01	0.1731	.4893E-02	.1122E-02	0.0006	.2429E-06	.1814E-0
153	0.00	0.000	0.303	0.2339	0.2864	.0000E+00	.2717E-01	0.2286	.6463E-02	.1388E-02	0.0005	.1713E-06	.1889E-0
154	0.00	0.000	0.262	0.1858	0.1408	.0000E+00	.2684E-01	0.2785	.7874E-02	.1614E-02	0.0004	.1071E-06	.1235E-0
155	0.00	0.000	0.205	0.1512	0.0099	.0000E+00	.2339E-02	0.2993	.8462E-02	.1706E-02	0.0004	.9327E-07	.1152E-0
156	0.00	0.000	0.097	0.1350	0.0000	.0000E+00	.0000E+00	0.2766	.7821E-02	.1606E-02	0.0004	.1118E-06	.1261E-0
157	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2521	.7127E-02	.1496E-02	0.0005	.1331E-06	.1376E-0
158	0.19	0.000	0.034	0.1609	0.0000	.0000E+00	.0000E+00	0.2296	.6493E-02	.1393E-02	0.0002	.7691E-07	.1110E-0
159	0.90	0.023	0.061	0.2968	0.0000	.0000E+00	.0000E+00	0.2091	.5913E-02	.1297E-02	0.0005	.1662E-06	.1549E-0
160	0.00	0.000	0.244	0.2562	0.0000	.0000E+00	.0000E+00	0.1904	.5383E-02	.1208E-02	0.0005	.1852E-06	.1634E-0
161	0.00	0.000	0.223	0.2189	0.0000	.0000E+00	.0000E+00	0.1733	.4899E-02	.1124E-02	0.0006	.2027E-06	.2140E-0
162	0.00	0.000	0.232	0.1803	0.0000	.0000E+00	.0000E+00	0.1576	.4456E-02	.1045E-02	0.0006	.2260E-06	.1792E-0
163	0.00	0.000	0.213	0.1448	0.0000	.0000E+00	.0000E+00	0.1433	.4052E-02	.9723E-03	0.0006	.2406E-06	.1849E-0
164	0.00	0.000	0.059	0.1350	0.0000	.0000E+00	.0000E+00	0.1302	.3683E-02	.9040E-03	0.0003	.1269E-06	.1426E-0
165	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1183	.3346E-02	.8403E-03	0.0006	.2604E-06	.1931E-0
166	0.54	0.000	0.063	0.2145	0.0000	.0000E+00	.0000E+00	0.1074	.3038E-02	.7808E-03	0.0006	.2711E-06	.1970E-0
167	0.00	0.000	0.066	0.2035	0.0000	.0000E+00	.0000E+00	0.0975	.2758E-02	.7252E-03	0.0007	.2804E-06	.2002E-0
168	0.00	0.000	0.076	0.1908	0.0000	.0000E+00	.0000E+00	0.0885	.2502E-02	.6734E-03	0.0007	.2883E-06	.2030E-0
169	0.26	0.000	0.073	0.2220	0.0000	.0000E+00	.0000E+00	0.0802	.2269E-02	.6250E-03	0.0007	.2950E-06	.2565E-0
170	0.50	0.000	0.179	0.2755	0.0000	.0000E+00	.0000E+00	0.0727	.2056E-02	.5799E-03	0.0007	.3033E-06	.2075E-0
171	0.16	0.000	0.171	0.2736	0.0000	.0000E+00	.0000E+00	0.0659	.1863E-02	.5379E-03	0.0007	.3072E-06	.2089E-0
172	0.33	0.000	0.283	0.2814	0.0000	.0000E+00	.0000E+00	0.0596	.1686E-02	.4987E-03	0.0003	.1551E-06	.1577E-0
173	0.22	0.000	0.315	0.2656	0.0000	.0000E+00	.0000E+00	0.0540	.1526E-02	.4622E-03	0.0007	.3103E-06	.2104E-0
174	0.10	0.000	0.230	0.2439	0.0000	.0000E+00	.0000E+00	0.0488	.1380E-02	.4282E-03	0.0007	.3117E-06	.2632E-0
175	0.01	0.000	0.270	0.2006	0.0000	.0000E+00	.0000E+00	0.0441	.1248E-02	.3965E-03	0.0007	.3136E-06	.2110E-0
176	0.18	0.000	0.265	0.1865	0.0000	.0000E+00	.0000E+00	0.0399	.1127E-02	.3669E-03	0.0007	.3132E-06	.2109E-0
177	0.00	0.000	0.268	0.1418	0.0000	.0000E+00	.0000E+00	0.0360	.1017E-02	.3395E-03	0.0007	.3121E-06	.2105E-0
178	0.02	0.000	0.058	0.1356	0.0000	.0000E+00	.0000E+00	0.0325	.9178E-03	.3139E-03	0.0007	.3105E-06	.2100E-0
179	0.08	0.000	0.024	0.1449	0.0000	.0000E+00	.0000E+00	0.0293	.8275E-03	.2901E-03	0.0007	.3084E-06	.2092E-0
180	0.00	0.000	0.041	0.1381	0.0000	.0000E+00	.0000E+00	0.0264	.7456E-03	.2680E-03	0.0007	.3058E-06	.2084E-0
181	0.15	0.000	0.071	0.1512	0.0000	.0000E+00	.0000E+00	0.0237	.6713E-03	.2474E-03	0.0007	.3028E-06	.2073E-0
182	0.00	0.000	0.057	0.1417	0.0000	.0000E+00	.0000E+00	0.0214	.6040E-03	.2283E-03	0.0007	.2995E-06	.2062E-0
183	0.10	0.000	0.058	0.1486	0.0000	.0000E+00	.0000E+00	0.0192	.5430E-03	.2106E-03	0.0007	.2958E-06	.2049E-0
184	0.00	0.000	0.055	0.1395	0.0000	.0000E+00	.0000E+00	0.0173	.4878E-03	.1941E-03	0.0003	.1460E-06	.1530E-0
185	0.00	0.000	0.020	0.1363	0.0000	.0000E+00	.0000E+00	0.0155	.4379E-03	.1788E-03	0.0007	.2883E-06	.2025E-0
186	0.00	0.000	0.005	0.1354	0.0000	.0000E+00	.0000E+00	0.0139	.3927E-03	.1646E-03	0.0007	.2831E-06	.2509E-0
187	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0124	.3519E-03	.1514E-03	0.0007	.2791E-06	.1990E-0
188	0.25	0.000	0.055	0.1675	0.0000	.0000E+00	.0000E+00	0.0111	.3151E-03	.1392E-03	0.0003	.1382E-06	.1483E-0
189	0.09	0.000	0.057	0.1731	0.0000	.0000E+00	.0000E+00	0.0100	.2819E-03	.1279E-03	0.0006	.2706E-06	.1961E-0
190	0.20	0.000	0.084	0.1925	0.0000	.0000E+00	.0000E+00	0.0089	.2519E-03	.1174E-03	0.0006	.2659E-06	.1944E-0
191	0.05	0.000	0.174	0.1718	0.0000	.0000E+00	.0000E+00	0.0080	.2249E-03	.1077E-03	0.0006	.2611E-06	.1927E-0
192	0.66	0.000	0.115	0.2626	0.0000	.0000E+00	.0000E+00	0.0071	.2006E-03	.9876E-04	0.0006	.2563E-06	.1909E-0
193	0.00	0.000	0.296	0.2133	0.0000	.0000E+00	.0000E+00	0.0063	.1787E-03	.9046E-04	0.0006	.2515E-06	.1891E-0
194	0.00	0.000	0.297	0.1638	0.0000	.0000E+00	.0000E+00	0.0056	.1590E-03	.8279E-04	0.0006	.2467E-06	.2337E-0
195	0.01	0.000	0.157	0.1393	0.0000	.0000E+00	.0000E+00	0.0050	.1414E-03	.7570E-04	0.0006	.2409E-06	.1849E-0
196	0.02	0.000	0.046	0.1350	0.0000	.0000E+00	.0000E+00	0.0044	.1255E-03	.6916E-04	0.0006	.2361E-06	.1831E-0
197	0.27	0.000	0.098	0.1637	0.0000	.0000E+00	.0000E+00	0.0039	.1113E-03	.6313E-04	0.0006	.2313E-06	.1812E-0
198	0.00	0.000	0.079	0.1505	0.0000	.0000E+00	.0000E+00	0.0035	.9859E-04	.5756E-04	0.0003	.1133E-06	.1348E-0
199	0.08	0.000	0.099	0.1474	0.0000	.0000E+00	.0000E+00	0.0031	.8721E-04	.5244E-04	0.0006	.2229E-06	.1780E-0
200	0.00	0.000	0.051	0.1390	0.0000	.0000E+00	.0000E+00	0.0027	.7703E-04	.4772E-04	0.0006	.2183E-06	.1761E-0
201	0.04	0.000	0.040	0.1389	0.0000	.0000E+00	.0000E+00	0.0024	.6793E-04	.4337E-04	0.0006	.2138E-06	.1743E-0
202	0.00	0.000	0.013	0.1367	0.0000	.0000E+00	.0000E+00	0.0021	.5983E-04	.3938E-04	0.0006	.2093E-06	.1724E-0
203	0.00	0.000	0.008	0.1354	0.0000	.0000E+00	.0000E+00	0.0019	.5260E-04	.3571E-04	0.0006	.2049E-06	.1706E-0
204	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0016	.4618E-04	.3235E-04	0.0006	.2005E-06	.1688E-0
205	0.10	0.000	0.028	0.1470	0.0000	.0000E+00	.0000E+00	0.0014	.4046E-04	.2926E-04	0.0006	.1963E-06	.1670E-0
206	0.06	0.000	0.067	0.1458	0.0000	.0000E+00	.0000E+00	0.0013	.3539E-04	.2643E-04	0.0005	.1921E-06	.1652E-0
207	0.01	0.000	0.048	0.1395	0.0000	.0000E+00	.0000E+00	0.0011	.3090E-04	.2384E-04	0.0005	.1880E-06	.2040E-0
208	0.04	0.000	0.038	0.1398	0.0000	.0000E+00	.0000E+00	0.0010	.2693E-04	.2148E-04	0.0005	.1830E-06	.1612E-0
209	0.00	0.000	0.012	0.1377	0.0000	.0000E+00	.0000E+00	0.0008	.2342E-04	.1919E-04	0.0005	.1792E-06	.1595E-0
210	0.12	0.000	0.064	0.1471	0.0000	.0000E+00	.0000E+00	0.0007	.2032E-04	.1732E-04	0.0003	.8766E-07	.1185E-0
211	0.44	0.000	0.065	0.2095	0.0000	.0000E+00	.0000E+00	0.0006	.1759E-04	.1553E-04	0.0005	.1724E-06	.1565E-0
212	1.11	0.096	0.195	0.3461	0.0000	.0000E+00	.0000E+00	0.0005	.1519E-04	.1389E-04	0.0005	.1688E-06	.1548E-0
213	0.31	0.000	0.234	0.3539	1.2766	.0000E+00	.2935E-01	0.0296	.8356E-03	.2712E-03	0.0005	.1330E-06	.1340E-0
214	0.00	0.000	0.247	0.3078	1.5830	.0000E+00	.3003E-01	0.1035	.2926E-02	.7562E-03	0.0003	.6711E-07	.9028E-0
215	0.00	0.000	0.240	0.2628	1.4306	.0000E+00	.2969E-01	0.1716	.4853E-02	.1115E-02	0.0002	.2292E-07	.5144E-0
216	0.14	0.000	0.187	0.2502	1.2080	.0000E+00	.2920E-01	0.2328	.6583E-02	.1408E-02	0.0001	.5029E-08	.2149E-0
217	0.24	0.000	0.166	0.2576	1.0018	.0000E+00	.2875E-01	0.2875	.8130E-02	.1654E-02	0.0000	.3995E-09	.3769E-0
218	0.10	0.000	0.145	0.2454	0.8503	.0000E+00	.2841E-01	0.3365	.9515E-02	.1866E-02	0.0000	.0000E+00	.0000E+0
219	0.00	0.000	0.228	0.2027	0.6954	.0000E+00	.2807E-01	0.3805	.1076E-01	.2050E-02	0.0000	.0000E+00	.0000E+0
220	0.00	0.000	0.216	0.1621	0.4226	.0000E+00	.2747E-01	0.4196	.1186E-01	.2210E-02	0.0000	.0000E+00	.0000E+0
221	0.10	0.000	0.158	0.1525	0.0138	.0000E+00	.0000E+00	0.4271	.1208E-01	.2240E-02	0.0000	.0000E+00	.0000E+0
222	0.56	0.000	0.143	0.2221	0.0000	.0000E+00	.0000E+00	0.3899	.1102E-01	.2089E-02	0.0000	.0000E+00	.0000E+0
223	0.00	0.000	0.173	0.1932	0.0000	.0000E+00	.0000E+00	0.3558	.1006E-01	.1947E-02	0.0000	.0000E+00	.0000E+0
224	0.00	0.000	0.194	0.1609	0.0000	.0000E+00	.0000E+00	0.3245	.9177E-02	.1815E-02	0.0000	.0000E+00	.0000E+0
225	0.00	0.000	0.137	0.1381	0.0000	.0000E+00	.0000E+00	0.2960	.8368E-02	.1692E-02	0.0000	.1796E-09	.5664E-0

226	0.00	0.000	0.018	0.1350	0.0000	.0000E+00	.0000E+00	0.2698	.7628E-02	.1576E-02	0.0000	.2030E-08	.1800E-0
227	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2459	.6951E-02	.1468E-02	0.0001	.6141E-08	.3074E-0
228	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2240	.6332E-02	.1367E-02	0.0001	.1198E-07	.4246E-0
229	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2039	.5766E-02	.1273E-02	0.0002	.1908E-07	.5323E-0
230	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1856	.5249E-02	.1185E-02	0.0002	.2706E-07	.6311E-0
231	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1689	.4776E-02	.1102E-02	0.0002	.3559E-07	.7216E-0
232	0.98	0.024	0.099	0.2778	0.0000	.0000E+00	.0000E+00	0.1536	.4344E-02	.1025E-02	0.0003	.4441E-07	.8042E-0
233	0.00	0.000	0.217	0.2417	0.0000	.0000E+00	.0000E+00	0.1397	.3949E-02	.9535E-03	0.0003	.5332E-07	.8796E-0
234	0.00	0.000	0.218	0.2053	0.0000	.0000E+00	.0000E+00	0.1269	.3589E-02	.8865E-03	0.0003	.6212E-07	.9481E-0
235	0.00	0.000	0.252	0.1632	0.0000	.0000E+00	.0000E+00	0.1153	.3260E-02	.8239E-03	0.0003	.7065E-07	.1266E-0
236	0.00	0.000	0.142	0.1395	0.0000	.0000E+00	.0000E+00	0.1047	.2960E-02	.7655E-03	0.0004	.8207E-07	.1080E-0
237	0.00	0.000	0.027	0.1350	0.0000	.0000E+00	.0000E+00	0.0950	.2687E-02	.7109E-03	0.0002	.4489E-07	.8478E-0
238	1.50	0.159	0.171	0.3300	0.0000	.0000E+00	.0000E+00	0.0862	.2437E-02	.6601E-03	0.0004	.9402E-07	.1456E-0
239	0.00	0.000	0.216	0.2906	0.5463	.0000E+00	.2111E-01	0.0991	.2802E-02	.7329E-03	0.0004	.8439E-07	.1095E-0
240	0.00	0.000	0.187	0.2547	0.8830	.0000E+00	.2848E-01	0.1521	.4300E-02	.1016E-02	0.0003	.4621E-07	.8109E-0
241	0.00	0.000	0.210	0.2151	0.7513	.0000E+00	.2819E-01	0.2120	.5995E-02	.1310E-02	0.0002	.1922E-07	.5236E-0
242	0.00	0.000	0.196	0.1778	0.5652	.0000E+00	.2778E-01	0.2659	.7519E-02	.1558E-02	0.0001	.5860E-08	.2898E-0
243	0.00	0.000	0.166	0.1478	0.1473	.0000E+00	.1342E-01	0.3003	.8491E-02	.1711E-02	0.0000	.8529E-09	.1158E-0
244	0.00	0.000	0.077	0.1350	0.0000	.0000E+00	.0000E+00	0.2953	.8351E-02	.1689E-02	0.0001	.2427E-08	.1894E-0
245	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2692	.7612E-02	.1573E-02	0.0001	.5870E-08	.3014E-0
246	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2453	.6937E-02	.1466E-02	0.0001	.1212E-07	.4278E-0
247	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2235	.6319E-02	.1365E-02	0.0002	.1989E-07	.5440E-0
248	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2035	.5754E-02	.1271E-02	0.0002	.2870E-07	.6505E-0
249	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1852	.5238E-02	.1183E-02	0.0002	.3820E-07	.7479E-0
250	0.12	0.000	0.045	0.1474	0.0000	.0000E+00	.0000E+00	0.1685	.4766E-02	.1100E-02	0.0003	.4806E-07	.8369E-0
251	0.12	0.000	0.060	0.1574	0.0000	.0000E+00	.0000E+00	0.1533	.4335E-02	.1024E-02	0.0003	.5804E-07	.9179E-0
252	0.00	0.000	0.042	0.1504	0.0000	.0000E+00	.0000E+00	0.1394	.3941E-02	.9520E-03	0.0003	.6793E-07	.1244E-0
253	0.00	0.000	0.059	0.1405	0.0000	.0000E+00	.0000E+00	0.1267	.3581E-02	.8850E-03	0.0004	.8120E-07	.1075E-0
254	0.00	0.000	0.026	0.1361	0.0000	.0000E+00	.0000E+00	0.1151	.3253E-02	.8225E-03	0.0004	.9036E-07	.1133E-0
255	0.00	0.000	0.006	0.1352	0.0000	.0000E+00	.0000E+00	0.1045	.2954E-02	.7642E-03	0.0004	.9903E-07	.1186E-0
256	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0948	.2681E-02	.7097E-03	0.0004	.1071E-06	.1234E-0
257	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0860	.2432E-02	.6589E-03	0.0004	.1147E-06	.1277E-0
258	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0780	.2205E-02	.6116E-03	0.0004	.1216E-06	.1315E-0
259	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0707	.1998E-02	.5674E-03	0.0004	.1279E-06	.1348E-0
260	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0640	.1810E-02	.5262E-03	0.0005	.1336E-06	.1378E-0
261	0.04	0.000	0.025	0.1375	0.0000	.0000E+00	.0000E+00	0.0579	.1638E-02	.4878E-03	0.0005	.1387E-06	.1404E-0
262	0.00	0.000	0.006	0.1365	0.0000	.0000E+00	.0000E+00	0.0524	.1482E-02	.4520E-03	0.0005	.1432E-06	.1426E-0
263	0.00	0.000	0.007	0.1354	0.0000	.0000E+00	.0000E+00	0.0474	.1340E-02	.4187E-03	0.0005	.1471E-06	.1446E-0
264	2.48	0.622	0.075	0.4326	0.0000	.0000E+00	.0000E+00	0.0428	.1211E-02	.3876E-03	0.0005	.1505E-06	.1462E-0
265	0.00	0.000	0.149	0.4021	3.1469	.0000E+00	.3349E-01	0.0719	.2034E-02	.5693E-03	0.0004	.1132E-06	.1268E-0
266	0.00	0.000	0.128	0.3749	3.7607	.0000E+00	.3485E-01	0.1535	.4340E-02	.1023E-02	0.0003	.4630E-07	.8117E-0
267	0.00	0.000	0.130	0.3476	3.3944	.0000E+00	.3404E-01	0.2293	.6484E-02	.1391E-02	0.0001	.1426E-07	.4512E-0
268	0.00	0.000	0.144	0.3181	2.9314	.0000E+00	.3301E-01	0.2963	.8379E-02	.1693E-02	0.0001	.1921E-08	.1666E-0
269	0.16	0.000	0.145	0.3152	2.6366	.0000E+00	.3236E-01	0.3554	.1005E-01	.1945E-02	0.0000	.0000E+00	.0000E+0
270	0.00	0.000	0.147	0.2855	2.2951	.0000E+00	.3161E-01	0.4076	.1153E-01	.2161E-02	0.0000	.0000E+00	.0000E+0
271	0.00	0.000	0.116	0.2610	1.9280	.0000E+00	.3079E-01	0.4534	.1282E-01	.2345E-02	0.0000	.0000E+00	.0000E+0
272	0.00	0.000	0.136	0.2332	1.6331	.0000E+00	.3014E-01	0.4935	.1395E-01	.2502E-02	0.0000	.0000E+00	.0000E+0
273	0.15	0.000	0.103	0.2363	1.2140	.0000E+00	.2922E-01	0.5282	.1493E-01	.2636E-02	0.0000	.0000E+00	.0000E+0
274	0.64	0.000	0.089	0.3232	0.9472	.0000E+00	.2863E-01	0.5579	.1577E-01	.2749E-02	0.0000	.0000E+00	.0000E+0
275	0.00	0.000	0.084	0.3045	0.8061	.0000E+00	.2831E-01	0.5839	.1651E-01	.2847E-02	0.0000	.0000E+00	.0000E+0
276	1.10	0.104	0.081	0.4519	1.5165	.0000E+00	.2988E-01	0.6087	.1721E-01	.2940E-02	0.0000	.0000E+00	.0000E+0
277	0.19	0.000	0.097	0.4614	4.6566	.0000E+00	.3683E-01	0.6410	.1812E-01	.3059E-02	0.0000	.0000E+00	.0000E+0
278	0.45	0.090	0.084	0.5010	5.3913	.0000E+00	.3845E-01	0.6833	.1932E-01	.3213E-02	0.0000	.0000E+00	.0000E+0
279	0.00	0.000	0.103	0.4772	5.7598	.0000E+00	.3927E-01	0.7255	.2052E-01	.3365E-02	0.0000	.0000E+00	.0000E+0
280	0.00	0.000	0.109	0.4528	5.1335	.0000E+00	.3788E-01	0.7642	.2161E-01	.3502E-02	0.0000	.0000E+00	.0000E+0
281	0.00	0.000	0.102	0.4297	4.6139	.0000E+00	.3673E-01	0.7963	.2252E-01	.3615E-02	0.0000	.0000E+00	.0000E+0
282	0.00	0.000	0.097	0.4077	4.1784	.0000E+00	.3577E-01	0.8230	.2327E-01	.3708E-02	0.0000	.0000E+00	.0000E+0
283	0.00	0.000	0.072	0.3897	3.8209	.0000E+00	.3498E-01	0.8451	.2389E-01	.3784E-02	0.0000	.0000E+00	.0000E+0
284	0.00	0.000	0.064	0.3733	3.5558	.0000E+00	.3439E-01	0.8635	.2442E-01	.3848E-02	0.0000	.0000E+00	.0000E+0
285	0.14	0.000	0.080	0.3777	3.3068	.0000E+00	.3384E-01	0.8789	.2485E-01	.3901E-02	0.0000	.0000E+00	.0000E+0
286	0.00	0.000	0.071	0.3603	3.0616	.0000E+00	.3330E-01	0.8916	.2521E-01	.3944E-02	0.0000	.0000E+00	.0000E+0
287	0.00	0.000	0.069	0.3433	2.8341	.0000E+00	.3280E-01	0.9019	.2550E-01	.3979E-02	0.0000	.0000E+00	.0000E+0
288	0.02	0.000	0.069	0.3297	2.6536	.0000E+00	.3240E-01	0.9102	.2574E-01	.4007E-02	0.0000	.0000E+00	.0000E+0
289	0.00	0.000	0.058	0.3147	2.4585	.0000E+00	.3197E-01	0.9167	.2592E-01	.4029E-02	0.0000	.0000E+00	.0000E+0
290	0.00	0.000	0.052	0.3006	2.2652	.0000E+00	.3154E-01	0.9215	.2606E-01	.4046E-02	0.0000	.0000E+00	.0000E+0
291	0.00	0.000	0.064	0.2849	2.0591	.0000E+00	.3108E-01	0.9248	.2615E-01	.4057E-02	0.0000	.0000E+00	.0000E+0
292	0.00	0.000	0.053	0.2709	1.9261	.0000E+00	.3079E-01	0.9268	.2620E-01	.4064E-02	0.0000	.0000E+00	.0000E+0
293	0.00	0.000	0.059	0.2560	1.7625	.0000E+00	.3043E-01	0.9278	.2623E-01	.4067E-02	0.0000	.0000E+00	.0000E+0
294	0.79	0.008	0.075	0.3689	1.6003	.0000E+00	.3007E-01	0.9278	.2623E-01	.4067E-02	0.0000	.0000E+00	.0000E+0
295	0.00	0.000	0.054	0.3548	1.7414	.0000E+00	.3038E-01	0.9275	.2622E-01	.4066E-02	0.0000	.0000E+00	.0000E+0
296	0.00	0.000	0.047	0.3419	1.9456	.0000E+00	.3083E-01	0.9282	.2624E-01	.4068E-02	0.0000	.0000E+00	.0000E+0
297	0.00	0.000	0.047	0.3289	1.8590	.0000E+00	.3064E-01	0.9293	.2628E-01	.4072E-02	0.0000	.0000E+00	.0000E+0
298	0.00	0.000	0.049	0.3158	1.6990	.0000E+00	.3029E-01	0.9297	.2629E-01	.4074E-02	0.0000	.0000E+00	.0000E+0
299	0.06	0.000	0.064	0.3100	1.5415	.0000E+00	.2994E-01	0.9292	.2627E-01	.4072E-02	0.0000	.0000E+00	.0000E+0
300	0.00	0.000	0.051	0.2966	1.3859	.0000E+00	.2960E-01	0.9278	.2623E-01	.4067E-02	0.0000	.9667E-11	.1247E-0
301	0.00	0.000	0.065	0.2809	1.2272	.0000E+00	.2925E-01	0.9256	.2617E-01	.4060E-02	0.0000	.8485E-09	.1598E-0
302	0.00	0.000	0.059	0.2662	1.0500	.0000E+00	.2885E-01	0.9227	.2609E-01	.4050E-02	0.0001	.4662E-08	.2630E-0
303	0.00	0.000	0.064	0.2507	0.9165	.0000E+00	.2856E-01	0.9190	.2599E-01	.4038E-02	0.0001	.1004E-07	.3837E-0
304	0.00	0.000	0.066	0.2349	0.7759	.0000E+00	.2825E-01	0.9149	.2587E-01	.4024E-02	0.0002	.1747E-07	.5044E-0
305	0.00	0.000	0.074	0.2180	0.6361	.0000E+00	.2794E-01	0.9103	.2574E-01	.4008E-02	0.0002	.2692E-07	.6248E-0
306	0.00	0.000	0.065	0.2026	0.5011	.0000E+00	.2764E-01	0.9053	.2560E-01	.3991E-02	0.0001	.1786E-07	.5489E-0
307	0.30	0.000	0.069	0.2366	0.3689	.0000E+00	.2735E-01	0.8999	.2545E-01	.3973E-02	0.0003	.4793E-07	.8337E-0
308	0.00	0.000	0.065	0.2212	0.2349	.0000E+00	.2705E-01	0.8942	.2529E-01	.3953E-02	0.0003	.6253E-07	.9511E-0
309	0.00	0.000	0.068	0.2054	0.1010	.0000E+00	.2676E-01	0.8883	.2512E-01	.3933E-02	0.0004	.8064E-07	.1350E-0
310	0.00	0.000	0.078	0.1919	0.0044	.0000E+00	.3239E-02	0.8589	.2429E-01	.3832E-02	0.0004	.1153E-06	.1286E-0
311	0.02	0.000	0.073	0.1831	0.0000	.0000E+00	.0000E+00	0.7909	.2236E-01	.3596E-02	0.0005	.1786E-06	.1598E-0
312	0.57	0.000	0.077	0.2653	0.0000	.0000E+00	.0000E+00	0.7233	.2045E-01	.3357E-02	0.0006	.2519E-06	.1896E-0
313	0.00	0.000	0.070	0.2536	0.0000	.0000E+00	.0000E+00	0.6614	.1870E-01	.3133E-02	0.0007	.3278E-06	.2161E-0
314	0.00	0.000	0.082	0.2400	0.0000	.0000E+00	.0000E+00	0.6045	.1709E-01	.2924E-02	0.0008	.4033E-06	.2396E-0
315	0.00	0.000	0.077	0.2271	0.0000	.0000E+00	.0000E+00	0.5524	.1562E-01	.2729E-02	0.0009	.4763E-06	.2603E-0
316	0.00	0.000	0.078	0.2141	0.0000	.0000E+00	.0000E+00	0.5047	.1427E-01	.2546E-02	0.0009	.5451E-06	.2784E-0
317	0.00	0.000	0.073	0.2019	0.0000	.0000E+00	.0000E+00	0.4609	.1303E-01	.2375E-02	0.0010	.6086E-06	.2941E-0
318	0.00	0.000	0.065	0.1910	0.0000	.0000E+00	.0000E+00	0.4208	.1190E-01	.2215E-02	0.0005	.3330E-06	.2310E-0
319	0.67	0.000	0.077	0.2898	0.0000	.0000E+00	.0000E+00	0.3841	.1086E-01	.2065E-02	0.0010	.6964E-06	.3163E-0
320	0.00	0.000	0.074	0.2775	0.0000	.0000E+00	.0000E+00	0.3505	.9910E-02	.1925E-02	0.0011	.7429E-06	.3265E-0
321	0.00	0.000	0.061	0.2673	0.0000	.0000E+00	.0000E+00	0.3197	.9040E-02	.1794E-02	0.0011	.7830E-06	.3350E-0

322		0.00	0.000	0.051	0.2588	0.0009	.0000E+00	.3658E-03	0.2919	.8253E-02	.1674E-02	0.0011	.8162E-06	.3419E-0
323		0.16	0.000	0.066	0.2736	0.0019	.0000E+00	.5252E-02	0.2719	.7687E-02	.1585E-02	0.0011	.8360E-06	.3455E-0
324		0.73	0.014	0.066	0.3802	0.2496	.0000E+00	.1044E-01	0.2666	.7537E-02	.1562E-02	0.0011	.8294E-06	.4284E-0
325		0.85	0.080	0.055	0.4936	3.5494	.0000E+00	.3438E-01	0.2938	.8308E-02	.1682E-02	0.0011	.7434E-06	.3248E-0
326		0.00	0.000	0.045	0.4796	5.6464	.0000E+00	.3902E-01	0.3619	.1023E-01	.1972E-02	0.0010	.5992E-06	.2917E-0
327		0.00	0.000	0.040	0.4667	5.2934	.0000E+00	.3824E-01	0.4309	.1218E-01	.2255E-02	0.0009	.4808E-06	.2614E-0
328		0.25	0.003	0.051	0.4930	5.2978	.0000E+00	.3825E-01	0.4928	.1393E-01	.2499E-02	0.0008	.3935E-06	.2366E-0
329		0.01	0.000	0.053	0.4792	5.6727	.0000E+00	.3907E-01	0.5504	.1556E-01	.2721E-02	0.0007	.3265E-06	.2156E-0
330		0.32	0.087	0.064	0.5010	5.6907	.0000E+00	.3911E-01	0.6045	.1709E-01	.2924E-02	0.0007	.2743E-06	.1977E-0
331		0.00	0.000	0.043	0.4873	5.8586	.0000E+00	.3949E-01	0.6546	.1851E-01	.3109E-02	0.0006	.2344E-06	.1829E-0
332		0.29	0.115	0.054	0.5010	5.8078	.0000E+00	.3937E-01	0.7010	.1982E-01	.3277E-02	0.0006	.2041E-06	.1707E-0
333		0.36	0.349	0.065	0.4853	5.8386	.0000E+00	.3944E-01	0.7434	.2102E-01	.3428E-02	0.0005	.1816E-06	.1611E-0
334		0.58	0.393	0.053	0.5010	5.8353	.0000E+00	.3943E-01	0.7824	.2212E-01	.3566E-02	0.0005	.1652E-06	.1537E-0
335		0.59	0.579	0.057	0.4867	5.8528	.0000E+00	.3947E-01	0.8183	.2314E-01	.3691E-02	0.0002	.7682E-07	.1105E-0
336		0.35	0.177	0.048	0.5010	5.8236	.0000E+00	.3941E-01	0.8511	.2407E-01	.3805E-02	0.0005	.1508E-06	.1825E-0
337		0.00	0.000	0.042	0.4874	5.8596	.0000E+00	.3949E-01	0.8812	.2492E-01	.3909E-02	0.0005	.1421E-06	.1427E-0
338		0.15	0.012	0.046	0.4963	5.6978	.0000E+00	.3913E-01	0.9086	.2569E-01	.4002E-02	0.0005	.1410E-06	.1422E-0
339		0.00	0.000	0.035	0.4838	5.7431	.0000E+00	.3923E-01	0.9333	.2639E-01	.4086E-02	0.0005	.1428E-06	.1431E-0
340		0.00	0.000	0.044	0.4701	5.3998	.0000E+00	.3847E-01	0.9553	.2701E-01	.4160E-02	0.0005	.1473E-06	.1453E-0
341		0.00	0.000	0.038	0.4575	5.0500	.0000E+00	.3770E-01	0.9736	.2753E-01	.4221E-02	0.0005	.1551E-06	.1491E-0
342		0.41	0.060	0.051	0.5010	5.2419	.0000E+00	.3812E-01	0.9895	.2798E-01	.4275E-02	0.0005	.1653E-06	.1540E-0
343		0.29	0.201	0.056	0.4998	5.9875	.0000E+00	.3977E-01	1.0064	.2846E-01	.4331E-02	0.0005	.1756E-06	.1586E-0
344		0.00	0.000	0.033	0.4877	5.8415	.0000E+00	.3945E-01	1.0243	.2896E-01	.4390E-02	0.0005	.1859E-06	.1633E-0
345	*	0.27	0.000	0.028	0.4845	5.6100	.0000E+00	.3894E-01	1.0396	.2940E-01	.4441E-02	0.0006	.1990E-06	.1689E-0
346	*	1.22	0.000	0.025	0.4813	5.5216	.0000E+00	.3874E-01	1.0527	.2977E-01	.4484E-02	0.0006	.2146E-06	.1754E-0
347	*	0.03	0.000	0.020	0.4781	5.4341	.0000E+00	.3855E-01	1.0642	.3009E-01	.4522E-02	0.0003	.1127E-06	.1358E-0
348	*	0.00	0.000	0.019	0.4750	5.3475	.0000E+00	.3836E-01	1.0743	.3038E-01	.4555E-02	0.0006	.2482E-06	.1882E-0
349	*	0.00	0.000	0.032	0.4720	5.2618	.0000E+00	.3817E-01	1.0830	.3062E-01	.4584E-02	0.0006	.2694E-06	.1961E-0
350		0.00	0.000	0.025	0.4921	5.3798	.0000E+00	.3843E-01	1.0910	.3085E-01	.4610E-02	0.0007	.2921E-06	.2042E-0
351		0.03	0.562	0.000	0.5010	5.9400	.0000E+00	.3967E-01	1.0999	.3110E-01	.4639E-02	0.0007	.3153E-06	.2121E-0
352	*	0.38	0.008	0.036	0.4964	5.9522	.0000E+00	.3969E-01	1.1102	.3139E-01	.4673E-02	0.0007	.3380E-06	.2195E-0
353	*	0.15	0.000	0.031	0.4931	5.8448	.0000E+00	.3945E-01	1.1194	.3165E-01	.4703E-02	0.0008	.3659E-06	.2853E-0
354	*	0.00	0.000	0.021	0.4899	5.7605	.0000E+00	.3927E-01	1.1273	.3187E-01	.4728E-02	0.0008	.3926E-06	.2370E-0
355	*	1.10	0.000	0.023	0.4866	5.6708	.0000E+00	.3907E-01	1.1340	.3206E-01	.4750E-02	0.0004	.2058E-06	.1829E-0
356		0.00	0.000	0.036	0.4835	5.5820	.0000E+00	.3887E-01	1.1397	.3223E-01	.4769E-02	0.0008	.4435E-06	.2515E-0
357		0.00	0.124	0.012	0.5010	5.7918	.0000E+00	.3934E-01	1.1451	.3238E-01	.4786E-02	0.0009	.4735E-06	.2599E-0
358		0.00	0.747	0.000	0.4977	5.9656	.0000E+00	.3972E-01	1.1511	.3255E-01	.4806E-02	0.0009	.5036E-06	.2680E-0
359		0.00	0.652	0.000	0.5010	5.9771	.0000E+00	.3975E-01	1.1573	.3272E-01	.4826E-02	0.0009	.5335E-06	.2758E-0
360		0.00	0.067	0.045	0.4944	5.9313	.0000E+00	.3965E-01	1.1629	.3288E-01	.4844E-02	0.0009	.5639E-06	.2836E-0
361		0.00	0.000	0.048	0.4799	5.6738	.0000E+00	.3908E-01	1.1674	.3301E-01	.4858E-02	0.0010	.5958E-06	.2915E-0
362		0.00	0.000	0.059	0.4637	5.2759	.0000E+00	.3820E-01	1.1696	.3307E-01	.4865E-02	0.0010	.6300E-06	.2998E-0
363		0.00	0.000	0.053	0.4487	4.8845	.0000E+00	.3733E-01	1.1694	.3307E-01	.4865E-02	0.0010	.6671E-06	.3871E-0
364		0.00	0.000	0.055	0.4334	4.5667	.0000E+00	.3663E-01	1.1672	.3300E-01	.4858E-02	0.0011	.7175E-06	.3199E-0
365		0.00	0.000	0.044	0.4200	4.2623	.0000E+00	.3596E-01	1.1633	.3289E-01	.4845E-02	0.0011	.7598E-06	.3292E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 1

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.40	1.35	3.88	2.12	1.98	4.11
	3.65	3.93	3.07	3.39	5.11	4.97
RUNOFF	0.000	0.000	0.046	0.000	0.000	0.023
	0.096	0.183	0.622	0.202	1.042	3.189
EVAPOTRANSPIRATION	1.451	1.601	2.287	2.117	2.107	4.624
	2.385	4.587	1.628	2.200	1.930	1.064
PERCOLATION/LEAKAGE THROUGH	0.9126	0.0933	0.7239	0.2715	0.1121	0.0838
LAYER 2	0.0000	0.3500	0.2895	0.9959	0.5418	1.2031
LATERAL DRAINAGE COLLECTED	0.8900	0.3223	0.3799	0.4549	0.0833	0.1065
FROM LAYER 3	0.0055	0.1952	0.1644	0.7429	0.4970	0.9311
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1351	0.0582	0.0665	0.0781	0.0211	0.0253
LAYER 4	0.0026	0.0412	0.0352	0.1174	0.0846	0.1399
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1013	0.1316	0.0684	0.0853	0.0948	0.0559
LAYER 7	0.0557	0.0160	0.0242	0.0013	0.0672	0.0666

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.624	0.028	1.561	0.196	0.039	0.029
TOP OF LAYER 2	0.000	0.367	0.765	2.531	1.886	5.553
STD. DEVIATION OF DAILY	1.171	0.087	1.570	0.333	0.132	0.096
HEAD ON TOP OF LAYER 2	0.000	0.511	1.269	1.452	2.596	0.421

AVERAGE DAILY HEAD ON	1.015	0.407	0.433	0.536	0.095	0.126
TOP OF LAYER 4	0.006	0.223	0.194	0.848	0.586	1.062
STD. DEVIATION OF DAILY	0.098	0.267	0.305	0.274	0.066	0.087
HEAD ON TOP OF LAYER 4	0.006	0.109	0.139	0.117	0.219	0.103
AVERAGE DAILY HEAD ON	0.001	0.001	0.001	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.000	0.001	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 1

	INCHES	CU. FEET	PERCENT
PRECIPITATION	38.96	353562.094	100.00
RUNOFF	5.402	49022.945	13.87
EVAPOTRANSPIRATION	27.982	253933.531	71.82
PERC./LEAKAGE THROUGH LAYER 2	5.577482	50615.648	14.32
AVG. HEAD ON TOP OF LAYER 2	1.2149		
DRAINAGE COLLECTED FROM LAYER 3	4.7729	43314.125	12.25
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.805057	7305.889	2.07
AVG. HEAD ON TOP OF LAYER 4	0.4609		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.396	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.768323	6972.528	1.97
AVG. HEAD ON TOP OF LAYER 7	0.0007		
CHANGE IN WATER STORAGE	0.035	317.381	0.09
SOIL WATER AT START OF YEAR	285.475	2590687.000	
SOIL WATER AT END OF YEAR	285.510	2591004.500	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.182	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 2

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.00	0.000	0.051	0.4056	3.9784	.0000E+00	.3533E-01	1.1580	.3274E-01	.4828E-02	0.0011	.8032E-06	.3384E-0
2			0.00	0.000	0.042	0.3928	3.7363	.0000E+00	.3479E-01	1.1517	.3256E-01	.4807E-02	0.0011	.8472E-06	.3475E-0
3			0.00	0.000	0.042	0.3801	3.5135	.0000E+00	.3430E-01	1.1445	.3236E-01	.4784E-02	0.0006	.4456E-06	.2667E-0
4	*		0.00	0.000	0.040	0.3679	3.2943	.0000E+00	.3382E-01	1.1366	.3214E-01	.4759E-02	0.0012	.9223E-06	.4546E-0
5			0.01	0.000	0.051	0.3555	3.0759	.0000E+00	.3333E-01	1.1281	.3190E-01	.4731E-02	0.0012	.9773E-06	.3731E-0
6			0.00	0.000	0.051	0.3415	2.8719	.0000E+00	.3288E-01	1.1191	.3164E-01	.4702E-02	0.0006	.5095E-06	.2853E-0
7			0.05	0.000	0.059	0.3345	2.6787	.0000E+00	.3245E-01	1.1096	.3137E-01	.4671E-02	0.0013	.1048E-05	.4841E-0
8	*		0.45	0.000	0.039	0.3325	2.5032	.0000E+00	.3207E-01	1.0999	.3110E-01	.4639E-02	0.0013	.1098E-05	.3955E-0
9	*		0.00	0.000	0.029	0.3305	2.3560	.0000E+00	.3174E-01	1.0900	.3082E-01	.4607E-02	0.0013	.1135E-05	.4020E-0
10	*		0.00	0.000	0.030	0.3285	2.2103	.0000E+00	.3142E-01	1.0801	.3054E-01	.4574E-02	0.0013	.1170E-05	.4081E-0

11	*		0.00	0.000	0.022	0.3266	2.0449	.0000E+00	.3105E-01	1.0701	.3026E-01	.4542E-02	0.0014	.1203E-05	.4138E-0
12	*		0.00	0.000	0.030	0.3248	1.9205	.0000E+00	.3078E-01	1.0601	.2997E-01	.4509E-02	0.0007	.6156E-06	.3141E-0
13	*		0.00	0.000	0.025	0.3230	1.7822	.0000E+00	.3047E-01	1.0501	.2969E-01	.4476E-02	0.0014	.1253E-05	.4226E-0
14	*		0.00	0.000	0.026	0.3212	1.6423	.0000E+00	.3016E-01	1.0402	.2941E-01	.4443E-02	0.0014	.1279E-05	.4270E-0
15	*		0.00	0.000	0.030	0.3195	1.5039	.0000E+00	.2986E-01	1.0303	.2913E-01	.4410E-02	0.0014	.1304E-05	.4311E-0
16	*	*	0.00	0.000	0.035	0.3147	1.0541	.0000E+00	.2886E-01	1.0197	.2883E-01	.4375E-02	0.0014	.1327E-05	.4349E-0
17	*	*	0.00	0.000	0.026	0.3100	0.8179	.0000E+00	.2834E-01	1.0079	.2850E-01	.4336E-02	0.0014	.1350E-05	.4387E-0
18	*	*	0.00	0.000	0.000	0.3053	0.6878	.0000E+00	.2805E-01	0.9959	.2816E-01	.4296E-02	0.0015	.1372E-05	.4422E-0
19		*	0.06	0.000	0.007	0.3096	0.5590	.0000E+00	.2777E-01	0.9841	.2783E-01	.4257E-02	0.0015	.1392E-05	.4453E-0
20	*	*	0.90	0.000	0.038	0.3050	0.4316	.0000E+00	.2749E-01	0.9726	.2750E-01	.4218E-02	0.0015	.1409E-05	.4480E-0
21		*	0.00	0.000	0.041	0.3034	0.3054	.0000E+00	.2721E-01	0.9613	.2718E-01	.4180E-02	0.0015	.1424E-05	.4503E-0
22	*	*	0.12	0.000	0.036	0.2989	0.1805	.0000E+00	.2693E-01	0.9502	.2687E-01	.4143E-02	0.0015	.1436E-05	.4522E-0
23	*	*	0.19	0.000	0.039	0.2952	0.0568	.0000E+00	.2235E-01	0.9350	.2644E-01	.4092E-02	0.0015	.1452E-05	.4549E-0
24	*	*	0.19	0.000	0.031	0.2952	0.0000	.0000E+00	.0000E+00	0.8915	.2521E-01	.3944E-02	0.0015	.1506E-05	.4644E-0
25	*	*	0.00	0.000	0.032	0.2952	0.0000	.0000E+00	.0000E+00	0.8156	.2306E-01	.3682E-02	0.0016	.1622E-05	.4832E-0
26	*	*	0.00	0.000	0.027	0.2952	0.0000	.0000E+00	.0000E+00	0.7460	.2109E-01	.3438E-02	0.0016	.1749E-05	.5012E-0
27	*	*	0.02	0.000	0.000	0.2952	0.0000	.0000E+00	.0000E+00	0.6822	.1929E-01	.3209E-02	0.0017	.1844E-05	.6444E-0
28	*	*	0.00	0.000	0.041	0.2952	0.0000	.0000E+00	.0000E+00	0.6236	.1763E-01	.2995E-02	0.0018	.1975E-05	.5292E-0
29	*	*	0.00	0.000	0.034	0.2952	0.0000	.0000E+00	.0000E+00	0.5699	.1611E-01	.2795E-02	0.0018	.2033E-05	.5369E-0
30	*	*	0.00	0.000	0.032	0.2952	0.0000	.0000E+00	.0000E+00	0.5207	.1472E-01	.2607E-02	0.0018	.2074E-05	.5421E-0
31	*	*	0.00	0.000	0.038	0.2952	0.0000	.0000E+00	.0000E+00	0.4756	.1345E-01	.2432E-02	0.0018	.2098E-05	.5453E-0
32		*	0.00	0.000	0.043	0.2952	0.0000	.0000E+00	.0000E+00	0.4343	.1228E-01	.2269E-02	0.0018	.2108E-05	.5466E-0
33	*	*	0.00	0.000	0.036	0.2952	0.0000	.0000E+00	.0000E+00	0.3964	.1121E-01	.2116E-02	0.0018	.2107E-05	.5463E-0
34	*	*	0.48	0.000	0.033	0.2952	0.0000	.0000E+00	.0000E+00	0.3618	.1023E-01	.1972E-02	0.0018	.2094E-05	.5447E-0
35	*	*	0.00	0.000	0.039	0.2952	0.0000	.0000E+00	.0000E+00	0.3300	.9332E-02	.1839E-02	0.0018	.2073E-05	.5419E-0
36	*	*	0.00	0.000	0.035	0.2952	0.0000	.0000E+00	.0000E+00	0.3010	.8510E-02	.1713E-02	0.0018	.2044E-05	.5381E-0
37	*	*	0.21	0.000	0.037	0.2952	0.0000	.0000E+00	.0000E+00	0.2744	.7758E-02	.1596E-02	0.0018	.2009E-05	.5335E-0
38		*	0.83	0.522	0.000	0.3464	0.0000	.0000E+00	.0000E+00	0.2500	.7070E-02	.1487E-02	0.0009	.9844E-06	.3977E-0
39		*	0.00	0.120	0.011	0.3682	0.0000	.0000E+00	.0000E+00	0.2278	.6441E-02	.1385E-02	0.0017	.1927E-05	.5237E-0
40		*	1.50	2.573	0.000	0.3925	0.0000	.0000E+00	.0000E+00	0.2074	.5866E-02	.1289E-02	0.0017	.1881E-05	.5174E-0
41		*	0.00	0.000	0.000	0.3925	0.0000	.0000E+00	.0000E+00	0.1888	.5340E-02	.1200E-02	0.0017	.1833E-05	.5107E-0
42		*	0.31	0.230	0.005	0.4050	0.0000	.0000E+00	.0000E+00	0.1718	.4859E-02	.1117E-02	0.0017	.1770E-05	.6277E-0
43		*	0.00	0.000	0.000	0.4050	0.0000	.0000E+00	.0000E+00	0.1563	.4420E-02	.1039E-02	0.0016	.1726E-05	.4945E-0
44	*	*	0.00	0.000	0.000	0.4050	0.0000	.0000E+00	.0000E+00	0.1421	.4019E-02	.9662E-03	0.0008	.8496E-06	.3666E-0
45	*	*	0.00	0.000	0.000	0.4050	0.0000	.0000E+00	.0000E+00	0.1292	.3652E-02	.8983E-03	0.0016	.1629E-05	.4812E-0
46	*	*	0.11	0.000	0.048	0.4050	0.0000	.0000E+00	.0000E+00	0.1173	.3318E-02	.8350E-03	0.0016	.1577E-05	.4734E-0
47		*	0.10	0.106	0.038	0.4080	0.0000	.0000E+00	.0000E+00	0.1066	.3013E-02	.7758E-03	0.0015	.1525E-05	.4656E-0
48	*	*	0.00	0.000	0.000	0.4080	0.0000	.0000E+00	.0000E+00	0.0967	.2735E-02	.7206E-03	0.0015	.1474E-05	.4577E-0
49	*	*	0.00	0.000	0.000	0.4080	0.0000	.0000E+00	.0000E+00	0.0877	.2481E-02	.6691E-03	0.0015	.1424E-05	.4499E-0
50	*	*	0.22	0.000	0.040	0.4080	0.0000	.0000E+00	.0000E+00	0.0796	.2249E-02	.6210E-03	0.0015	.1375E-05	.4420E-0
51		*	0.00	0.000	0.061	0.4080	0.0000	.0000E+00	.0000E+00	0.0721	.2039E-02	.5762E-03	0.0014	.1327E-05	.5412E-0
52	*	*	0.11	0.000	0.040	0.4080	0.0000	.0000E+00	.0000E+00	0.0653	.1847E-02	.5344E-03	0.0014	.1272E-05	.4246E-0
53	*	*	0.00	0.000	0.059	0.4080	0.0000	.0000E+00	.0000E+00	0.0591	.1672E-02	.4954E-03	0.0014	.1227E-05	.4170E-0
54	*	*	0.10	0.000	0.000	0.4080	0.0000	.0000E+00	.0000E+00	0.0535	.1513E-02	.4591E-03	0.0014	.1183E-05	.4095E-0
55		*	0.35	0.279	0.000	0.4181	0.0000	.0000E+00	.0000E+00	0.0484	.1368E-02	.4253E-03	0.0013	.1140E-05	.4020E-0
56	*	*	0.33	0.000	0.039	0.4181	0.0000	.0000E+00	.0000E+00	0.0437	.1237E-02	.3938E-03	0.0007	.5495E-06	.2970E-0
57	*	*	0.25	0.000	0.037	0.4181	0.0000	.0000E+00	.0000E+00	0.0395	.1117E-02	.3645E-03	0.0013	.1067E-05	.3893E-0
58		*	0.00	0.070	0.033	0.4197	0.0000	.0000E+00	.0000E+00	0.0357	.1008E-02	.3372E-03	0.0013	.1028E-05	.3822E-0
59	*	*	0.21	0.000	0.039	0.4197	0.0000	.0000E+00	.0000E+00	0.0322	.9097E-03	.3118E-03	0.0012	.9913E-06	.3752E-0
60	*	*	2.19	0.000	0.000	0.4199	0.0000	.0000E+00	.0000E+00	0.0290	.8201E-03	.2881E-03	0.0012	.9555E-06	.3683E-0
61	*	*	0.00	0.000	0.038	0.4199	0.0000	.0000E+00	.0000E+00	0.0261	.7389E-03	.2662E-03	0.0012	.9210E-06	.3616E-0
62	*	*	0.00	0.000	0.033	0.4199	0.0000	.0000E+00	.0000E+00	0.0235	.6652E-03	.2457E-03	0.0012	.8878E-06	.3550E-0
63	*	*	0.00	0.000	0.033	0.4199	0.0000	.0000E+00	.0000E+00	0.0212	.5985E-03	.2267E-03	0.0012	.8559E-06	.3486E-0
64	*	*	0.27	0.000	0.032	0.4199	0.0000	.0000E+00	.0000E+00	0.0190	.5380E-03	.2091E-03	0.0011	.8252E-06	.3423E-0
65		*	0.45	0.996	0.000	0.4288	0.0000	.0000E+00	.0000E+00	0.0171	.4833E-03	.1927E-03	0.0011	.7957E-06	.3361E-0
66		*	0.00	1.044	0.000	0.4364	0.0000	.0000E+00	.0000E+00	0.0153	.4338E-03	.1775E-03	0.0011	.7674E-06	.3301E-0
67		*	0.00	0.970	0.000	0.4426	0.0000	.0000E+00	.0000E+00	0.0138	.3890E-03	.1634E-03	0.0011	.7362E-06	.4042E-0
68		*	0.00	0.398	0.030	0.4426	0.0000	.0000E+00	.0000E+00	0.0123	.3486E-03	.1503E-03	0.0010	.7085E-06	.3170E-0
69		*	0.00	0.000	0.000	0.4426	0.0000	.0000E+00	.0000E+00	0.0110	.3121E-03	.1382E-03	0.0010	.6837E-06	.3114E-0
70		*	0.00	0.000	0.000	0.4426	0.0000	.0000E+00	.0000E+00	0.0099	.2792E-03	.1270E-03	0.0010	.6598E-06	.3059E-0
71		*	0.28	0.252	0.004	0.4466	0.0000	.0000E+00	.0000E+00	0.0088	.2494E-03	.1166E-03	0.0005	.3218E-06	.2260E-0
72		*	0.00	0.000	0.000	0.4466	0.0000	.0000E+00	.0000E+00	0.0079	.2227E-03	.1069E-03	0.0010	.6198E-06	.2966E-0
73		*	0.00	0.000	0.000	0.4466	0.0000	.0000E+00	.0000E+00	0.0070	.1986E-03	.9802E-04	0.0010	.5956E-06	.3635E-0
74		*	0.00	0.000	0.000	0.4466	0.0000	.0000E+00	.0000E+00	0.0063	.1769E-03	.8977E-04	0.0009	.5737E-06	.2853E-0
75		*	0.00	0.000	0.000	0.4466	0.0000	.0000E+00	.0000E+00	0.0056	.1574E-03	.8215E-04	0.0009	.5543E-06	.2804E-0
76		*	0.00	0.000	0.000	0.4466	0.0000	.0000E+00	.0000E+00	0.0049	.1399E-03	.7512E-04	0.0009	.5357E-06	.2757E-0
77			0.28	0.155	0.100	0.4462	3.6253	.0000E+00	.2791E-01	0.0321	.9068E-03	.2968E-03	0.0008	.4359E-06	.2487E-0
78			0.00	0.000	0.069	0.4287	4.4871	.0000E+00	.3645E-01	0.1098	.3106E-02	.7903E-03	0.0006	.2707E-06	.1961E-0
79	*		0.73	0.000	0.043	0.4260	4.2048	.0000E+00	.3583E-01	0.1938	.5480E-02	.1223E-02	0.0005	.1613E-06	.1514E-0
80	*		0.39	0.000	0.043	0.4234	4.0404	.0000E+00	.3547E-01	0.2692	.7612E-02	.1573E-02	0.0004	.9544E-07	.1166E-0
81			0.00	0.000	0.008	0.4749	4.2958	.0000E+00	.3603E-01	0.3381	.9560E-02	.1872E-02	0.0003	.5423E-07	.8795E-0
82			0.00	0.262	0.022	0.5010	5.7277	.0000E+00	.3920E-01	0.4052	.1146E-01	.2151E-02	0.0002	.2734E-07	.6255E-0
83			0.29	0.422	0.029	0.4944	5.9313	.0000E+00	.3965E-01	0.4723	.1335E-01	.2419E-02	0.0001	.1071E-07	.3927E-0
84			0.13	0.027	0.106	0.4873	5.7515	.0000E+00	.3925E-01	0.5340	.1510E-01	.2658E-02	0.0001	.2690E-08	.1984E-0
85			0.67	0.427	0.122	0.5010	5.8433	.0000E+00	.3945E-01	0.5901	.1669E-01	.2870E-02	0.0000	.1063E-09	.3990E-0
86			0.00	0.000	0.159	0.4680	5.6684	.0000E+00	.3906E-01	0.6415	.1814E-01	.3061E-02	0.0000	.0000E+00	.0000E+0
87			0.00	0.000	0.124	0.4410	4.9072	.0000E+00	.3738E-01	0.6864	.1941E-01	.3224E-02	0.0000	.0000E+00	.0000E+0
88			0.00	0.000	0.121	0.4149	4.3952	.0000E+00	.3625E-01	0.7236	.2046E-01	.3358E-02	0.0000	.0000E+00	.0000E+0
89			0.00	0.000	0.122	0.3886	3.9275	.0000E+00	.3522E-01	0.7550	.2135E-01	.3469E-02	0.0000	.0000E+00	.0000E+0
90			0.00	0.000	0.147	0.3583	3.5573	.0000E+00	.3440E-01	0.7812	.2209E-01	.3562E-02	0.0000	.0000E+00	.0000E+0
91			0.73	0.018	0.094	0.4556	3.3714	.0000E+00	.3399E-01	0.8036	.2272E-01	.3640E-02	0.0000	.0000E+00	.0000E+0
92			0.31	0.001	0.135	0.4783	4.8381	.0000E+00	.3723E-01	0.8266	.2337E-01	.3721E-02	0.0000	.0000E+00	.0000E+0
93			0.00	0.000	0.190	0.4404	5.0662	.0000E+00	.3773E-01	0.8535	.2413E-01	.3814E-02	0.0000	.0000E+00	.0000E+0
94			0.00	0.000	0.171	0.4058	4.3497	.0000E+00	.3615E-01	0.8774	.2481E-01	.3896E-02	0.0000	.0000E+00	.0000E+0
95			0.00	0.000	0.139	0.3768	3.8194	.0000E+00	.3498E-01	0.8956	.2532E-01	.3958E-02	0.0000	.0000E+00	.0000E+0
96			0.26	0.000	0.132	0.3924	3.4550	.0000E+00	.3417E-01	0.9097	.2572E-01	.4006E-02	0.0000	.0000E+00	.0000E+0
97			0.13	0.000	0.095	0.3926	3.1250	.0000E+00	.3344E-01	0.9205	.2603E-01	.4043E-02	0.0000	.0000E+00	.0000E+0
98			0.00	0.000	0.124	0.3664	2.8478	.0000E+00	.3283E-01	0.9287	.2626E-01	.4070E-02	0.0000	.0000E+00	.0000E+0
99			0.31	0.000	0.132	0.3907	2.5942	.0000E+00	.3227E-01	0.9346	.2643E-01	.4090E-02	0.0000	.4687E-11	.2595E-0
100			0.00	0.000	0.153	0.3597	2.9569	.0000E+00	.3307E-01	0.9400	.2658E-01	.4108E-02	0.0000	.9558E-09	.1195E-0
101			1.61	0.616	0.110	0.5010	4.0114	.0000E+00	.3540E-01	0.9485	.2682E-01	.4137E-02	0.0001	.2920E-08	.2066E-0
102			0.92	0.917	0.203	0.4613	5.6020	.0000E+00	.3892E-01	0.9636	.2725E-01	.4188E-02	0.0001	.5320E-08	.2759E-0
103			0.16	0.000	0.170	0.4534	4.7835	.0000E+00	.3711E-01	0.9813	.2775E-01	.4247E-02	0.0001	.7915E-08	.3355E-0
104			0.08	0.000	0.151	0.4355	4.4786	.0000E+00	.3643E-01	0.9939	.2810E-01	.4289E-02	0.0001	.1159E-07	.4081E-0
105			0.00	0.000	0.180	0.3996	4.0163	.0000E+00	.3541E-01	1.0034	.2837E-01	.4321E-02	0.0002	.1695E-07	.6349E-0
106			1.43	0.619	0.166	0.5010	4.6656	.0000E+00	.3685E-01	1.0119	.2861E-01	.4349E-02	0.0002	.2556E-07	.6099E-0

107	0.03	0.027	0.107	0.4771	5.7589	.0000E+00	.3927E-01	1.0244	.2897E-01	.4391E-02	0.0002	.3287E-07	.6908E-0
108	0.00	0.000	0.146	0.4464	5.0855	.0000E+00	.3778E-01	1.0383	.2936E-01	.4437E-02	0.0002	.4076E-07	.7686E-0
109	0.00	0.000	0.176	0.4111	4.4496	.0000E+00	.3637E-01	1.0473	.2961E-01	.4467E-02	0.0003	.5157E-07	.8638E-0
110	0.00	0.000	0.154	0.3795	3.8644	.0000E+00	.3508E-01	1.0520	.2975E-01	.4482E-02	0.0003	.6555E-07	.9729E-0
111	0.00	0.000	0.186	0.3429	3.3783	.0000E+00	.3400E-01	1.0531	.2978E-01	.4486E-02	0.0004	.8279E-07	.1092E-0
112	0.07	0.000	0.190	0.3175	2.8858	.0000E+00	.3291E-01	1.0514	.2973E-01	.4480E-02	0.0004	.1033E-06	.1219E-0
113	0.00	0.000	0.202	0.2785	2.3796	.0000E+00	.3179E-01	1.0469	.2960E-01	.4465E-02	0.0004	.1273E-06	.1352E-0
114	0.00	0.000	0.218	0.2372	1.7905	.0000E+00	.3049E-01	1.0397	.2940E-01	.4441E-02	0.0002	.7737E-07	.1107E-0
115	0.09	0.000	0.126	0.2263	1.2054	.0000E+00	.2920E-01	1.0297	.2911E-01	.4408E-02	0.0005	.1772E-06	.1598E-0
116	0.00	0.000	0.084	0.2075	0.8771	.0000E+00	.2847E-01	1.0177	.2878E-01	.4369E-02	0.0006	.2107E-06	.2196E-0
117	0.00	0.000	0.056	0.1935	0.7351	.0000E+00	.2816E-01	1.0052	.2842E-01	.4327E-02	0.0006	.2571E-06	.1918E-0
118	0.00	0.000	0.053	0.1801	0.5969	.0000E+00	.2785E-01	0.9929	.2808E-01	.4286E-02	0.0007	.2944E-06	.2052E-0
119	0.00	0.000	0.049	0.1674	0.3984	.0000E+00	.2741E-01	0.9808	.2773E-01	.4246E-02	0.0007	.3325E-06	.2180E-0
120	0.10	0.000	0.047	0.1729	0.1174	.0000E+00	.2014E-01	0.9617	.2719E-01	.4181E-02	0.0004	.1891E-06	.1736E-0
121	0.00	0.000	0.041	0.1661	0.0000	.0000E+00	.0000E+00	0.9124	.2580E-01	.4015E-02	0.0008	.4318E-06	.2502E-0
122	0.39	0.000	0.041	0.2242	0.0000	.0000E+00	.0000E+00	0.8348	.2360E-01	.3749E-02	0.0009	.5369E-06	.2798E-0
123	1.02	0.072	0.178	0.3524	0.0000	.0000E+00	.0000E+00	0.7636	.2159E-01	.3500E-02	0.0010	.6552E-06	.3871E-0
124	0.00	0.000	0.184	0.3169	1.0894	.0000E+00	.2894E-01	0.7270	.2056E-01	.3370E-02	0.0011	.7596E-06	.3287E-0
125	0.82	0.026	0.182	0.4138	1.6399	.0000E+00	.3016E-01	0.7413	.2096E-01	.3421E-02	0.0011	.7387E-06	.3242E-0
126	0.00	0.000	0.217	0.3722	3.1888	.0000E+00	.3358E-01	0.7597	.2148E-01	.3486E-02	0.0005	.3561E-06	.2389E-0
127	0.47	0.000	0.167	0.4171	2.9909	.0000E+00	.3314E-01	0.7817	.2210E-01	.3564E-02	0.0010	.6969E-06	.3140E-0
128	0.45	0.004	0.216	0.4496	3.7890	.0000E+00	.3491E-01	0.8029	.2270E-01	.3638E-02	0.0010	.6723E-06	.3084E-0
129	0.58	0.070	0.164	0.5010	5.1273	.0000E+00	.3787E-01	0.8282	.2342E-01	.3726E-02	0.0010	.6476E-06	.3026E-0
130	0.00	0.000	0.201	0.4610	5.5990	.0000E+00	.3891E-01	0.8571	.2424E-01	.3826E-02	0.0010	.6207E-06	.2961E-0
131	0.12	0.000	0.173	0.4459	4.7531	.0000E+00	.3704E-01	0.8835	.2498E-01	.3917E-02	0.0010	.5978E-06	.2907E-0
132	0.00	0.000	0.190	0.4082	4.1672	.0000E+00	.3575E-01	0.9034	.2555E-01	.3985E-02	0.0010	.5847E-06	.3601E-0
133	0.00	0.000	0.206	0.3682	3.6247	.0000E+00	.3455E-01	0.9184	.2597E-01	.4036E-02	0.0009	.5785E-06	.2871E-0
134	0.60	0.004	0.149	0.4369	3.3378	.0000E+00	.3391E-01	0.9296	.2629E-01	.4073E-02	0.0009	.5839E-06	.2885E-0
135	0.06	0.000	0.101	0.4242	4.0077	.0000E+00	.3539E-01	0.9403	.2659E-01	.4110E-02	0.0010	.5905E-06	.2901E-0
136	0.82	0.226	0.095	0.5010	4.8590	.0000E+00	.3728E-01	0.9544	.2699E-01	.4157E-02	0.0010	.5932E-06	.2908E-0
137	0.11	0.063	0.149	0.4776	5.7794	.0000E+00	.3931E-01	0.9724	.2750E-01	.4218E-02	0.0010	.5917E-06	.2905E-0
138	0.09	0.000	0.172	0.4576	5.1604	.0000E+00	.3794E-01	0.9908	.2802E-01	.4279E-02	0.0010	.5911E-06	.2903E-0
139	0.00	0.000	0.210	0.4165	4.5540	.0000E+00	.3660E-01	1.0042	.2839E-01	.4324E-02	0.0010	.5985E-06	.2921E-0
140	0.18	0.000	0.210	0.4056	3.9074	.0000E+00	.3517E-01	1.0129	.2864E-01	.4353E-02	0.0005	.3064E-06	.2211E-0
141	0.00	0.000	0.232	0.3613	3.4167	.0000E+00	.3409E-01	1.0175	.2877E-01	.4368E-02	0.0010	.6287E-06	.2992E-0
142	0.00	0.000	0.247	0.3147	2.8919	.0000E+00	.3293E-01	1.0188	.2881E-01	.4372E-02	0.0010	.6516E-06	.3047E-0
143	0.00	0.000	0.218	0.2731	2.3127	.0000E+00	.3165E-01	1.0169	.2875E-01	.4366E-02	0.0010	.6786E-06	.3111E-0
144	1.76	0.314	0.192	0.4770	2.0819	.0000E+00	.3113E-01	1.0125	.2863E-01	.4351E-02	0.0010	.7088E-06	.3985E-0
145	0.45	0.072	0.196	0.5010	5.5334	.0000E+00	.3877E-01	1.0153	.2871E-01	.4361E-02	0.0011	.7375E-06	.3242E-0
146	0.00	0.000	0.243	0.4540	5.5296	.0000E+00	.3876E-01	1.0301	.2913E-01	.4410E-02	0.0005	.3698E-06	.2430E-0
147	0.00	0.000	0.239	0.4082	4.4900	.0000E+00	.3646E-01	1.0414	.2945E-01	.4447E-02	0.0011	.7480E-06	.3261E-0
148	0.27	0.000	0.207	0.4128	3.8382	.0000E+00	.3502E-01	1.0467	.2960E-01	.4465E-02	0.0011	.7626E-06	.3295E-0
149	0.11	0.000	0.170	0.3971	3.4342	.0000E+00	.3412E-01	1.0483	.2964E-01	.4470E-02	0.0011	.7839E-06	.4185E-0
150	0.06	0.000	0.170	0.3733	3.1417	.0000E+00	.3348E-01	1.0477	.2962E-01	.4468E-02	0.0011	.8154E-06	.3409E-0
151	0.00	0.000	0.185	0.3369	2.8477	.0000E+00	.3283E-01	1.0455	.2956E-01	.4460E-02	0.0011	.8433E-06	.3466E-0
152	0.00	0.000	0.229	0.2933	2.5389	.0000E+00	.3215E-01	1.0417	.2945E-01	.4448E-02	0.0012	.8727E-06	.3526E-0
153	0.00	0.000	0.223	0.2509	2.0414	.0000E+00	.3105E-01	1.0360	.2929E-01	.4429E-02	0.0012	.9039E-06	.3588E-0
154	0.00	0.000	0.219	0.2096	1.3982	.0000E+00	.2962E-01	1.0276	.2906E-01	.4401E-02	0.0006	.4667E-06	.2738E-0
155	0.06	0.000	0.191	0.1830	0.7524	.0000E+00	.2820E-01	1.0162	.2873E-01	.4364E-02	0.0012	.9641E-06	.3710E-0
156	0.00	0.000	0.102	0.1617	0.2822	.0000E+00	.2556E-01	1.0008	.2830E-01	.4313E-02	0.0012	.1004E-05	.3787E-0
157	0.00	0.000	0.093	0.1463	0.0000	.0000E+00	.0000E+00	0.9571	.2706E-01	.4166E-02	0.0013	.1076E-05	.3931E-0
158	0.00	0.000	0.067	0.1351	0.0000	.0000E+00	.0000E+00	0.8758	.2476E-01	.3890E-02	0.0014	.1208E-05	.4177E-0
159	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.8012	.2265E-01	.3632E-02	0.0014	.1353E-05	.4416E-0
160	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7328	.2072E-01	.3390E-02	0.0015	.1480E-05	.4614E-0
161	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6700	.1894E-01	.3165E-02	0.0016	.1588E-05	.4776E-0
162	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6125	.1732E-01	.2953E-02	0.0016	.1678E-05	.4905E-0
163	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5597	.1583E-01	.2756E-02	0.0016	.1750E-05	.6253E-0
164	0.13	0.000	0.031	0.1515	0.0000	.0000E+00	.0000E+00	0.5113	.1446E-01	.2571E-02	0.0017	.1833E-05	.5098E-0
165	0.00	0.000	0.026	0.1471	0.0000	.0000E+00	.0000E+00	0.4670	.1321E-01	.2399E-02	0.0017	.1868E-05	.5146E-0
166	0.00	0.000	0.045	0.1396	0.0000	.0000E+00	.0000E+00	0.4264	.1206E-01	.2237E-02	0.0017	.1889E-05	.5174E-0
167	0.00	0.000	0.018	0.1366	0.0000	.0000E+00	.0000E+00	0.3892	.1101E-01	.2086E-02	0.0017	.1898E-05	.5187E-0
168	0.42	0.000	0.036	0.2005	0.0000	.0000E+00	.0000E+00	0.3552	.1004E-01	.1945E-02	0.0017	.1897E-05	.5185E-0
169	0.00	0.000	0.054	0.1914	0.0000	.0000E+00	.0000E+00	0.3240	.9161E-02	.1813E-02	0.0017	.1887E-05	.5171E-0
170	0.26	0.000	0.057	0.2253	0.0000	.0000E+00	.0000E+00	0.2954	.8354E-02	.1689E-02	0.0017	.1869E-05	.5146E-0
171	1.14	0.115	0.062	0.3847	0.0211	.0000E+00	.6680E-02	0.2760	.7803E-02	.1604E-02	0.0017	.1824E-05	.5084E-0
172	0.11	0.000	0.201	0.3642	2.4644	.0000E+00	.3198E-01	0.2940	.8313E-02	.1683E-02	0.0016	.1670E-05	.4865E-0
173	0.12	0.000	0.219	0.3424	2.5487	.0000E+00	.3217E-01	0.3514	.9935E-02	.1929E-02	0.0015	.1429E-05	.4501E-0
174	0.00	0.000	0.274	0.2914	2.2672	.0000E+00	.3154E-01	0.4036	.1141E-01	.2145E-02	0.0007	.6191E-06	.3152E-0
175	0.00	0.000	0.244	0.2457	1.8541	.0000E+00	.3063E-01	0.4495	.1271E-01	.2329E-02	0.0013	.1139E-05	.3996E-0
176	0.72	0.002	0.193	0.3282	1.4927	.0000E+00	.2983E-01	0.4892	.1383E-01	.2486E-02	0.0013	.1013E-05	.3773E-0
177	0.00	0.000	0.223	0.2862	1.1547	.0000E+00	.2908E-01	0.5237	.1481E-01	.2619E-02	0.0012	.9150E-06	.3588E-0
178	0.00	0.000	0.222	0.2445	0.9045	.0000E+00	.2853E-01	0.5535	.1565E-01	.2732E-02	0.0011	.8361E-06	.4283E-0
179	0.00	0.000	0.269	0.1949	0.7383	.0000E+00	.2816E-01	0.5795	.1639E-01	.2831E-02	0.0011	.7570E-06	.3280E-0
180	0.00	0.000	0.312	0.1406	0.2439	.0000E+00	.1380E-01	0.5885	.1664E-01	.2865E-02	0.0011	.7341E-06	.3230E-0
181	0.04	0.000	0.056	0.1380	0.0000	.0000E+00	.0000E+00	0.5600	.1583E-01	.2757E-02	0.0011	.7755E-06	.3320E-0
182	0.00	0.000	0.011	0.1362	0.0000	.0000E+00	.0000E+00	0.5116	.1446E-01	.2572E-02	0.0011	.8506E-06	.3476E-0
183	0.00	0.000	0.005	0.1353	0.0000	.0000E+00	.0000E+00	0.4672	.1321E-01	.2399E-02	0.0012	.9167E-06	.3608E-0
184	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.4266	.1206E-01	.2238E-02	0.0012	.9737E-06	.3718E-0
185	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3894	.1101E-01	.2087E-02	0.0013	.1022E-05	.3808E-0
186	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3553	.1005E-01	.1945E-02	0.0006	.5355E-06	.2917E-0
187	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3241	.9165E-02	.1813E-02	0.0013	.1076E-05	.3923E-0
188	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2956	.8358E-02	.1690E-02	0.0013	.1102E-05	.3969E-0
189	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2694	.7619E-02	.1574E-02	0.0013	.1121E-05	.4001E-0
190	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2455	.6943E-02	.1467E-02	0.0013	.1133E-05	.4022E-0
191	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2237	.6324E-02	.1366E-02	0.0013	.1140E-05	.4033E-0
192	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2037	.5759E-02	.1271E-02	0.0013	.1141E-05	.4035E-0
193	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1854	.5242E-02	.1183E-02	0.0013	.1138E-05	.4029E-0
194	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1687	.4770E-02	.1101E-02	0.0013	.1131E-05	.4015E-0
195	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1534	.4338E-02	.1024E-02	0.0013	.1121E-05	.3996E-0
196	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1395	.3944E-02	.9526E-03	0.0013	.1108E-05	.4954E-0
197	0.22	0.000	0.047	0.1639	0.0000	.0000E+00	.0000E+00	0.1268	.3584E-02	.8856E-03	0.0013	.1092E-05	.3935E-0
198	0.00	0.000	0.052	0.1553	0.0000	.0000E+00	.0000E+00	0.1152	.3256E-02	.8231E-03	0.0013	.1073E-05	.3901E-0
199	0.00	0.000	0.078	0.1422	0.0000	.0000E+00	.0000E+00	0.1046	.2956E-02	.7647E-03	0.0013	.1053E-05	.3864E-0
200	0.00	0.000	0.038	0.1359	0.0000	.0000E+00	.0000E+00	0.0949	.2683E-02	.7102E-03	0.0013	.1031E-05	.3824E-0
201	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0861	.2434E-02	.6594E-03	0.0013	.1009E-05	.3782E-0
202	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0780	.2207E-02	.6120E-03	0.0012	.9853E-06	.3738E-0

203	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0707	.2000E-02	.5678E-03	0.0006	.4865E-06	.2777E-0
204	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0641	.1811E-02	.5266E-03	0.0012	.9403E-06	.3656E-0
205	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0580	.1640E-02	.4881E-03	0.0012	.9160E-06	.3609E-0
206	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0525	.1484E-02	.4523E-03	0.0012	.8916E-06	.3560E-0
207	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0474	.1341E-02	.4190E-03	0.0012	.8673E-06	.3511E-0
208	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0429	.1212E-02	.3879E-03	0.0011	.8431E-06	.3462E-0
209	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0387	.1095E-02	.3590E-03	0.0011	.8145E-06	.4255E-0
210	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0350	.9883E-03	.3321E-03	0.0011	.7912E-06	.3350E-0
211	0.02	0.000	0.016	0.1357	0.0000	.0000E+00	.0000E+00	0.0315	.8915E-03	.3070E-03	0.0011	.7678E-06	.3300E-0
212	0.00	0.000	0.002	0.1353	0.0000	.0000E+00	.0000E+00	0.0284	.8036E-03	.2837E-03	0.0011	.7449E-06	.3250E-0
213	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0256	.7239E-03	.2621E-03	0.0011	.7225E-06	.3201E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0230	.6517E-03	.2419E-03	0.0010	.7006E-06	.3152E-0
215	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0207	.5862E-03	.2232E-03	0.0010	.6792E-06	.3104E-0
216	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0186	.5269E-03	.2058E-03	0.0005	.3327E-06	.2298E-0
217	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0167	.4732E-03	.1897E-03	0.0010	.6422E-06	.3020E-0
218	0.46	0.000	0.060	0.2017	0.0000	.0000E+00	.0000E+00	0.0150	.4247E-03	.1747E-03	0.0010	.6224E-06	.2973E-0
219	0.00	0.000	0.086	0.1874	0.0000	.0000E+00	.0000E+00	0.0135	.3808E-03	.1608E-03	0.0010	.6032E-06	.2927E-0
220	0.00	0.000	0.103	0.1701	0.0000	.0000E+00	.0000E+00	0.0121	.3412E-03	.1479E-03	0.0010	.5846E-06	.2882E-0
221	0.00	0.000	0.115	0.1509	0.0000	.0000E+00	.0000E+00	0.0108	.3054E-03	.1359E-03	0.0009	.5666E-06	.3538E-0
222	0.00	0.000	0.086	0.1367	0.0000	.0000E+00	.0000E+00	0.0097	.2731E-03	.1249E-03	0.0009	.5454E-06	.2782E-0
223	0.00	0.000	0.008	0.1353	0.0000	.0000E+00	.0000E+00	0.0086	.2440E-03	.1146E-03	0.0009	.5285E-06	.2738E-0
224	0.00	0.000	0.002	0.1350	0.0000	.0000E+00	.0000E+00	0.0077	.2178E-03	.1051E-03	0.0009	.5122E-06	.2696E-0
225	0.02	0.000	0.016	0.1357	0.0000	.0000E+00	.0000E+00	0.0069	.1942E-03	.9635E-04	0.0009	.4965E-06	.2654E-0
226	0.27	0.000	0.060	0.1706	0.0000	.0000E+00	.0000E+00	0.0061	.1729E-03	.8824E-04	0.0009	.4812E-06	.2613E-0
227	0.00	0.000	0.081	0.1571	0.0000	.0000E+00	.0000E+00	0.0054	.1539E-03	.8073E-04	0.0009	.4665E-06	.2573E-0
228	0.00	0.000	0.099	0.1407	0.0000	.0000E+00	.0000E+00	0.0048	.1367E-03	.7381E-04	0.0008	.4523E-06	.2533E-0
229	0.00	0.000	0.028	0.1359	0.0000	.0000E+00	.0000E+00	0.0043	.1214E-03	.6741E-04	0.0008	.4386E-06	.2495E-0
230	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0038	.1076E-03	.6151E-04	0.0004	.2146E-06	.1847E-0
231	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0034	.9525E-04	.5607E-04	0.0008	.4155E-06	.2429E-0
232	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0030	.8422E-04	.5107E-04	0.0008	.4031E-06	.2392E-0
233	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0026	.7436E-04	.4645E-04	0.0008	.3911E-06	.2357E-0
234	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0023	.6555E-04	.4221E-04	0.0008	.3795E-06	.2321E-0
235	0.03	0.000	0.018	0.1369	0.0000	.0000E+00	.0000E+00	0.0020	.5770E-04	.3831E-04	0.0008	.3669E-06	.2853E-0
236	0.00	0.000	0.006	0.1359	0.0000	.0000E+00	.0000E+00	0.0018	.5071E-04	.3473E-04	0.0004	.1790E-06	.1687E-0
237	0.00	0.000	0.004	0.1353	0.0000	.0000E+00	.0000E+00	0.0016	.4450E-04	.3145E-04	0.0007	.3472E-06	.2221E-0
238	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0014	.3897E-04	.2844E-04	0.0007	.3372E-06	.2188E-0
239	0.60	0.000	0.077	0.2222	0.0000	.0000E+00	.0000E+00	0.0012	.3407E-04	.2568E-04	0.0007	.3276E-06	.2157E-0
240	0.04	0.000	0.115	0.2097	0.0000	.0000E+00	.0000E+00	0.0011	.2973E-04	.2315E-04	0.0007	.3183E-06	.2126E-0
241	1.97	0.440	0.092	0.4482	0.0628	.0000E+00	.6772E-02	0.0076	.2154E-03	.9921E-04	0.0007	.2952E-06	.2038E-0
242	0.08	0.000	0.180	0.4256	4.2697	.0000E+00	.3597E-01	0.0533	.1507E-02	.4469E-03	0.0006	.2228E-06	.1731E-0
243	0.48	0.008	0.238	0.4587	4.2545	.0000E+00	.3594E-01	0.1416	.4003E-02	.9611E-03	0.0005	.1226E-06	.1523E-0
244	0.00	0.000	0.263	0.4087	4.5300	.0000E+00	.3655E-01	0.2227	.6297E-02	.1360E-02	0.0002	.3638E-07	.7200E-0
245	0.00	0.000	0.242	0.3626	3.7866	.0000E+00	.3490E-01	0.2962	.8375E-02	.1692E-02	0.0001	.1134E-07	.4028E-0
246	0.00	0.000	0.223	0.3199	3.0942	.0000E+00	.3337E-01	0.3593	.1016E-01	.1962E-02	0.0001	.1699E-08	.1570E-0
247	1.97	0.605	0.245	0.5010	3.1989	.0000E+00	.3360E-01	0.4148	.1173E-01	.2190E-02	0.0000	.0000E+00	.0000E+0
248	0.61	0.361	0.209	0.5010	6.0000	.0000E+00	.3980E-01	0.4722	.1335E-01	.2419E-02	0.0000	.0000E+00	.0000E+0
249	1.59	1.575	0.199	0.4638	5.6274	.0000E+00	.3897E-01	0.5339	.1510E-01	.2658E-02	0.0000	.0000E+00	.0000E+0
250	0.00	0.000	0.178	0.4279	4.7627	.0000E+00	.3706E-01	0.5872	.1660E-01	.2860E-02	0.0000	.0000E+00	.0000E+0
251	0.00	0.000	0.203	0.3882	4.0762	.0000E+00	.3554E-01	0.6315	.1786E-01	.3024E-02	0.0000	.0000E+00	.0000E+0
252	0.00	0.000	0.200	0.3491	3.5174	.0000E+00	.3431E-01	0.6685	.1890E-01	.3159E-02	0.0000	.0000E+00	.0000E+0
253	0.04	0.000	0.126	0.3293	3.0025	.0000E+00	.3317E-01	0.6992	.1977E-01	.3270E-02	0.0000	.0000E+00	.0000E+0
254	0.00	0.000	0.186	0.2929	2.6134	.0000E+00	.3231E-01	0.7247	.2049E-01	.3362E-02	0.0000	.0000E+00	.0000E+0
255	0.07	0.000	0.181	0.2692	2.0473	.0000E+00	.3106E-01	0.7455	.2108E-01	.3436E-02	0.0000	.0000E+00	.0000E+0
256	0.00	0.000	0.201	0.2307	1.6113	.0000E+00	.3009E-01	0.7616	.2153E-01	.3493E-02	0.0000	.0000E+00	.0000E+0
257	0.00	0.000	0.215	0.1901	0.9833	.0000E+00	.2871E-01	0.7734	.2187E-01	.3534E-02	0.0000	.0000E+00	.0000E+0
258	0.00	0.000	0.135	0.1630	0.5318	.0000E+00	.2771E-01	0.7810	.2208E-01	.3561E-02	0.0000	.0000E+00	.0000E+0
259	0.00	0.000	0.101	0.1462	0.0218	.0000E+00	.0000E+00	0.7588	.2146E-01	.3483E-02	0.0000	.0000E+00	.0000E+0
260	0.00	0.000	0.067	0.1350	0.0000	.0000E+00	.0000E+00	0.6939	.1962E-01	.3251E-02	0.0000	.0000E+00	.0000E+0
261	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6344	.1794E-01	.3034E-02	0.0000	.0000E+00	.0000E+0
262	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5798	.1639E-01	.2832E-02	0.0001	.2112E-08	.1763E-0
263	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5298	.1498E-01	.2642E-02	0.0001	.1210E-07	.4176E-0
264	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4839	.1368E-01	.2465E-02	0.0002	.2844E-07	.6384E-0
265	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4419	.1249E-01	.2299E-02	0.0003	.4936E-07	.8399E-0
266	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4034	.1141E-01	.2144E-02	0.0002	.3625E-07	.7651E-0
267	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3681	.1041E-01	.1999E-02	0.0004	.8984E-07	.1149E-0
268	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3359	.9496E-02	.1863E-02	0.0004	.1163E-06	.1303E-0
269	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.3063	.8661E-02	.1737E-02	0.0005	.1430E-06	.1442E-0
270	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2793	.7896E-02	.1618E-02	0.0005	.1695E-06	.1567E-0
271	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2545	.7197E-02	.1507E-02	0.0005	.1950E-06	.1679E-0
272	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2319	.6557E-02	.1404E-02	0.0006	.2194E-06	.2228E-0
273	0.18	0.000	0.032	0.1597	0.0000	.0000E+00	.0000E+00	0.2112	.5971E-02	.1307E-02	0.0006	.2509E-06	.1888E-0
274	0.30	0.000	0.031	0.2046	0.0000	.0000E+00	.0000E+00	0.1923	.5436E-02	.1217E-02	0.0006	.2714E-06	.1964E-0
275	0.61	0.001	0.042	0.2990	0.0000	.0000E+00	.0000E+00	0.1750	.4947E-02	.1132E-02	0.0003	.1451E-06	.1525E-0
276	0.25	0.000	0.084	0.3232	0.3306	.0000E+00	.2063E-01	0.1796	.5080E-02	.1155E-02	0.0007	.2820E-06	.1999E-0
277	0.00	0.000	0.094	0.3030	0.4850	.0000E+00	.2760E-01	0.2240	.6334E-02	.1367E-02	0.0006	.2399E-06	.1819E-0
278	0.00	0.000	0.106	0.2807	0.5827	.0000E+00	.2782E-01	0.2760	.7803E-02	.1603E-02	0.0005	.1831E-06	.1582E-0
279	0.00	0.000	0.097	0.2599	0.5620	.0000E+00	.2777E-01	0.3238	.9156E-02	.1812E-02	0.0005	.1374E-06	.1702E-0
280	0.00	0.000	0.095	0.2395	0.4261	.0000E+00	.2747E-01	0.3672	.1038E-01	.1995E-02	0.0004	.9319E-07	.1152E-0
281	0.00	0.000	0.077	0.2220	0.2870	.0000E+00	.2717E-01	0.4062	.1149E-01	.2155E-02	0.0003	.7207E-07	.1014E-0
282	0.00	0.000	0.083	0.2037	0.1506	.0000E+00	.2686E-01	0.4411	.1247E-01	.2296E-02	0.0003	.5690E-07	.9016E-0
283	0.00	0.000	0.076	0.1889	0.0245	.0000E+00	.1306E-01	0.4589	.1297E-01	.2366E-02	0.0001	.2556E-07	.6443E-0
284	0.00	0.000	0.066	0.1778	0.0000	.0000E+00	.0000E+00	0.4399	.1244E-01	.2291E-02	0.0003	.6122E-07	.9439E-0
285	0.00	0.000	0.056	0.1684	0.0000	.0000E+00	.0000E+00	0.4016	.1136E-01	.2137E-02	0.0004	.8310E-07	.1107E-0
286	0.00	0.000	0.050	0.1601	0.0000	.0000E+00	.0000E+00	0.3665	.1036E-01	.1992E-02	0.0004	.1109E-06	.1274E-0
287	0.00	0.000	0.045	0.1526	0.0000	.0000E+00	.0000E+00	0.3344	.9454E-02	.1857E-02	0.0005	.1395E-06	.1426E-0
288	0.00	0.000	0.042	0.1457	0.0000	.0000E+00	.0000E+00	0.3049	.8622E-02	.1731E-02	0.0005	.1681E-06	.1562E-0
289	0.00	0.000	0.038	0.1394	0.0000	.0000E+00	.0000E+00	0.2780	.7861E-02	.1613E-02	0.0005	.1959E-06	.1684E-0
290	0.00	0.000	0.026	0.1350	0.0000	.0000E+00	.0000E+00	0.2534	.7164E-02	.1502E-02	0.0006	.2223E-06	.2246E-0
291	0.14	0.000	0.032	0.1530	0.0000	.0000E+00	.0000E+00	0.2308	.6527E-02	.1399E-02	0.0006	.2572E-06	.1912E-0
292	0.00	0.000	0.013	0.1509	0.0000	.0000E+00	.0000E+00	0.2102	.5944E-02	.1303E-02	0.0007	.2800E-06	.1994E-0
293	0.00	0.000	0.020	0.1475	0.0000	.0000E+00	.0000E+00	0.1914	.5412E-02	.1212E-02	0.0003	.1504E-06	.1552E-0
294	0.12	0.000	0.037	0.1613	0.0000	.0000E+00	.0000E+00	0.1742	.4925E-02	.1128E-02	0.0007	.3117E-06	.2115E-0
295	0.59	0.000	0.040	0.2530	0.0000	.0000E+00	.0000E+00	0.1584	.4480E-02	.1050E-02	0.0007	.3290E-06	.2171E-0
296	0.00	0.000	0.049	0.2447	0.0000	.0000E+00	.0000E+00	0.1441	.4073E-02	.9763E-03	0.0007	.3442E-06	.2220E-0
297	0.00	0.000	0.058	0.2351	0.0000	.0000E+00	.0000E+00	0.1309	.3702E-02	.9077E-03	0.0007	.3574E-06	.2261E-0
298	0.00	0.000	0.061	0.2249	0.0000	.0000E+00	.0000E+00	0.1190	.3364E-02	.8437E-03	0.0008	.3686E-06	.2296E-0

299		0.00	0.000	0.065	0.2140	0.0000	.0000E+00	.0000E+00	0.1080	.3054E-02	.7840E-03	0.0008	.3780E-06	.2324E-0
300		0.00	0.000	0.060	0.2040	0.0000	.0000E+00	.0000E+00	0.0981	.2773E-02	.7282E-03	0.0008	.3857E-06	.2932E-0
301		0.00	0.000	0.063	0.1934	0.0000	.0000E+00	.0000E+00	0.0890	.2515E-02	.6762E-03	0.0008	.3953E-06	.2369E-0
302		0.00	0.000	0.054	0.1844	0.0000	.0000E+00	.0000E+00	0.0807	.2281E-02	.6276E-03	0.0004	.1997E-06	.1789E-0
303		0.00	0.000	0.047	0.1765	0.0000	.0000E+00	.0000E+00	0.0731	.2067E-02	.5824E-03	0.0008	.3995E-06	.2387E-0
304		0.00	0.000	0.043	0.1694	0.0000	.0000E+00	.0000E+00	0.0662	.1873E-02	.5402E-03	0.0008	.4013E-06	.2392E-0
305		0.00	0.000	0.039	0.1628	0.0000	.0000E+00	.0000E+00	0.0600	.1696E-02	.5008E-03	0.0008	.4021E-06	.2394E-0
306		0.00	0.000	0.037	0.1567	0.0000	.0000E+00	.0000E+00	0.0543	.1535E-02	.4641E-03	0.0008	.4001E-06	.2987E-0
307		0.48	0.000	0.047	0.2289	0.0000	.0000E+00	.0000E+00	0.0491	.1388E-02	.4300E-03	0.0008	.4016E-06	.2387E-0
308		0.00	0.000	0.033	0.2235	0.0000	.0000E+00	.0000E+00	0.0444	.1255E-02	.3982E-03	0.0008	.3992E-06	.2380E-0
309		0.00	0.000	0.031	0.2184	0.0000	.0000E+00	.0000E+00	0.0401	.1133E-02	.3685E-03	0.0004	.1997E-06	.1782E-0
310		0.32	0.000	0.042	0.2647	0.0000	.0000E+00	.0000E+00	0.0362	.1023E-02	.3409E-03	0.0008	.3921E-06	.2363E-0
311		0.00	0.000	0.065	0.2538	0.0000	.0000E+00	.0000E+00	0.0326	.9231E-03	.3153E-03	0.0008	.3880E-06	.2350E-0
312		0.01	0.000	0.066	0.2445	0.0000	.0000E+00	.0000E+00	0.0294	.8323E-03	.2914E-03	0.0008	.3819E-06	.2916E-0
313		0.00	0.000	0.044	0.2372	0.0000	.0000E+00	.0000E+00	0.0265	.7500E-03	.2692E-03	0.0008	.3781E-06	.2317E-0
314		0.00	0.000	0.057	0.2277	0.0000	.0000E+00	.0000E+00	0.0239	.6753E-03	.2485E-03	0.0008	.3726E-06	.2300E-0
315		0.00	0.000	0.062	0.2173	0.0000	.0000E+00	.0000E+00	0.0215	.6076E-03	.2294E-03	0.0008	.3668E-06	.2282E-0
316		0.00	0.000	0.054	0.2083	0.0000	.0000E+00	.0000E+00	0.0193	.5462E-03	.2115E-03	0.0007	.3608E-06	.2263E-0
317		0.00	0.000	0.045	0.2009	0.0000	.0000E+00	.0000E+00	0.0174	.4907E-03	.1950E-03	0.0007	.3546E-06	.2243E-0
318		0.00	0.000	0.051	0.1924	0.0000	.0000E+00	.0000E+00	0.0156	.4405E-03	.1796E-03	0.0004	.1741E-06	.1671E-0
319		0.00	0.000	0.047	0.1845	0.0000	.0000E+00	.0000E+00	0.0140	.3951E-03	.1654E-03	0.0007	.3427E-06	.2207E-0
320		0.00	0.000	0.043	0.1774	0.0000	.0000E+00	.0000E+00	0.0125	.3541E-03	.1521E-03	0.0007	.3362E-06	.2186E-0
321		0.00	0.000	0.039	0.1708	0.0000	.0000E+00	.0000E+00	0.0112	.3171E-03	.1399E-03	0.0007	.3284E-06	.2701E-0
322		0.00	0.000	0.037	0.1647	0.0000	.0000E+00	.0000E+00	0.0100	.2836E-03	.1285E-03	0.0007	.3218E-06	.2137E-0
323		0.00	0.000	0.034	0.1589	0.0000	.0000E+00	.0000E+00	0.0090	.2535E-03	.1180E-03	0.0007	.3152E-06	.2115E-0
324		0.00	0.000	0.033	0.1535	0.0000	.0000E+00	.0000E+00	0.0080	.2263E-03	.1083E-03	0.0007	.3085E-06	.2093E-0
325		0.00	0.000	0.031	0.1484	0.0000	.0000E+00	.0000E+00	0.0071	.2019E-03	.9924E-04	0.0007	.3019E-06	.2070E-0
326		0.00	0.000	0.030	0.1434	0.0000	.0000E+00	.0000E+00	0.0064	.1799E-03	.9091E-04	0.0007	.2954E-06	.2048E-0
327		0.00	0.000	0.028	0.1387	0.0000	.0000E+00	.0000E+00	0.0057	.1601E-03	.8320E-04	0.0007	.2889E-06	.2025E-0
328	*	0.10	0.000	0.038	0.1420	0.0000	.0000E+00	.0000E+00	0.0050	.1423E-03	.7608E-04	0.0003	.1423E-06	.1505E-0
329		0.00	0.000	0.063	0.1385	0.0000	.0000E+00	.0000E+00	0.0045	.1264E-03	.6951E-04	0.0007	.2775E-06	.1986E-0
330		0.14	0.000	0.024	0.1578	0.0000	.0000E+00	.0000E+00	0.0040	.1121E-03	.6345E-04	0.0006	.2703E-06	.2450E-0
331		0.00	0.000	0.011	0.1560	0.0000	.0000E+00	.0000E+00	0.0035	.9926E-04	.5786E-04	0.0006	.2638E-06	.1935E-0
332		0.20	0.000	0.027	0.1849	0.0000	.0000E+00	.0000E+00	0.0031	.8781E-04	.5271E-04	0.0006	.2578E-06	.1913E-0
333		0.20	0.000	0.030	0.2133	0.0000	.0000E+00	.0000E+00	0.0027	.7756E-04	.4797E-04	0.0006	.2519E-06	.1891E-0
334		0.00	0.000	0.021	0.2098	0.0000	.0000E+00	.0000E+00	0.0024	.6841E-04	.4360E-04	0.0006	.2461E-06	.1869E-0
335		0.00	0.000	0.022	0.2061	0.0000	.0000E+00	.0000E+00	0.0021	.6025E-04	.3959E-04	0.0006	.2404E-06	.1848E-0
336		0.00	0.000	0.020	0.2027	0.0000	.0000E+00	.0000E+00	0.0019	.5298E-04	.3591E-04	0.0003	.1183E-06	.1372E-0
337		0.00	0.000	0.020	0.1994	0.0000	.0000E+00	.0000E+00	0.0016	.4651E-04	.3252E-04	0.0006	.2307E-06	.1810E-0
338		0.00	0.000	0.019	0.1962	0.0000	.0000E+00	.0000E+00	0.0014	.4076E-04	.2942E-04	0.0006	.2247E-06	.2233E-0
339		0.00	0.000	0.019	0.1931	0.0000	.0000E+00	.0000E+00	0.0013	.3566E-04	.2658E-04	0.0003	.1102E-06	.1325E-0
340		0.32	0.000	0.028	0.2417	0.0000	.0000E+00	.0000E+00	0.0011	.3114E-04	.2398E-04	0.0006	.2152E-06	.1748E-0
341		0.00	0.000	0.040	0.2350	0.0000	.0000E+00	.0000E+00	0.0010	.2713E-04	.2161E-04	0.0006	.2095E-06	.2157E-0
342	*	1.00	0.000	0.031	0.2383	0.0000	.0000E+00	.0000E+00	0.0008	.2359E-04	.1953E-04	0.0006	.2043E-06	.1703E-0
343	*	0.07	0.000	0.024	0.2416	0.0000	.0000E+00	.0000E+00	0.0007	.2047E-04	.1742E-04	0.0006	.1996E-06	.1684E-0
344	*	1.06	0.000	0.021	0.2448	0.0000	.0000E+00	.0000E+00	0.0006	.1772E-04	.1562E-04	0.0003	.9814E-07	.1250E-0
345	*	0.25	0.000	0.027	0.2481	0.0000	.0000E+00	.0000E+00	0.0005	.1531E-04	.1397E-04	0.0005	.1917E-06	.1650E-0
346	*	0.00	0.000	0.022	0.2514	0.0000	.0000E+00	.0000E+00	0.0005	.1319E-04	.1248E-04	0.0005	.1873E-06	.1631E-0
347	*	0.00	0.000	0.023	0.2547	0.0000	.0000E+00	.0000E+00	0.0004	.1133E-04	.1112E-04	0.0005	.1831E-06	.1613E-0
348	*	0.00	0.000	0.029	0.2580	0.0000	.0000E+00	.0000E+00	0.0003	.9707E-05	.9887E-05	0.0005	.1790E-06	.1594E-0
349	*	0.00	0.000	0.025	0.2612	0.0000	.0000E+00	.0000E+00	0.0003	.8291E-05	.8772E-05	0.0005	.1750E-06	.1968E-0
350	*	0.76	0.000	0.000	0.2645	0.0000	.0000E+00	.0000E+00	0.0002	.7060E-05	.7764E-05	0.0005	.1702E-06	.1555E-0
351		0.00	0.000	0.039	0.2678	0.0000	.0000E+00	.0000E+00	0.0002	.5991E-05	.6854E-05	0.0005	.1664E-06	.1537E-0
352	*	0.00	0.000	0.030	0.2711	0.0000	.0000E+00	.0000E+00	0.0002	.5066E-05	.6034E-05	0.0003	.8136E-07	.1142E-0
353	*	0.10	0.000	0.023	0.2744	0.0000	.0000E+00	.0000E+00	0.0002	.4267E-05	.5297E-05	0.0005	.1600E-06	.1882E-0
354	*	1.14	0.000	0.000	0.2776	0.0000	.0000E+00	.0000E+00	0.0001	.3579E-05	.4636E-05	0.0005	.1557E-06	.1487E-0
355	*	0.62	0.000	0.000	0.2809	0.0000	.0000E+00	.0000E+00	0.0001	.2990E-05	.4044E-05	0.0005	.1523E-06	.1471E-0
356		0.54	0.000	0.000	0.3304	0.1470	.0000E+00	.1359E-01	0.0135	.3829E-03	.1492E-03	0.0004	.1210E-06	.1311E-0
357		0.03	0.000	0.000	0.3720	1.2543	.0000E+00	.2931E-01	0.0630	.1780E-02	.5145E-03	0.0003	.6175E-07	.9369E-0
358		0.51	0.041	0.000	0.4870	3.4231	.0000E+00	.3410E-01	0.1379	.3898E-02	.9419E-03	0.0002	.1823E-07	.5096E-0
359	*	0.00	0.000	0.031	0.4893	5.6567	.0000E+00	.3904E-01	0.2188	.6187E-02	.1342E-02	0.0000	.9835E-09	.1191E-0
360	*	0.09	0.000	0.029	0.4861	5.6697	.0000E+00	.3907E-01	0.3008	.8505E-02	.1712E-02	0.0000	.0000E+00	.0000E+0
361	*	0.35	0.000	0.023	0.4829	5.5664	.0000E+00	.3884E-01	0.3756	.1062E-01	.2030E-02	0.0000	.0000E+00	.0000E+0
362	* *	0.00	0.000	0.020	0.4777	2.0686	.0000E+00	.3111E-01	0.4361	.1233E-01	.2276E-02	0.0000	.0000E+00	.0000E+0
363	* *	0.00	0.000	0.028	0.4730	0.8076	.0000E+00	.2832E-01	0.4762	.1347E-01	.2435E-02	0.0000	.0000E+00	.0000E+0
364	*	0.00	0.012	0.039	0.4691	0.6776	.0000E+00	.2803E-01	0.5083	.1437E-01	.2559E-02	0.0000	.0000E+00	.0000E+0
365	*	0.00	0.198	0.006	0.4768	0.5489	.0000E+00	.2775E-01	0.5369	.1518E-01	.2669E-02	0.0000	.0000E+00	.0000E+0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 2

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.99	5.11	5.68	6.23	8.36	3.00
	0.24	3.95	4.47	2.01	1.45	6.84
RUNOFF	0.000	3.900	4.953	2.198	0.850	0.117
	0.000	0.448	2.541	0.001	0.000	0.251
EVAPOTRANSPIRATION	1.024	0.673	1.387	4.139	5.547	3.667
	0.256	1.483	3.216	1.752	1.208	0.639
PERCOLATION/LEAKAGE THROUGH	0.7015	0.0000	0.5115	1.0049	0.9797	0.4090
LAYER 2	0.0000	0.0787	0.5072	0.1984	0.0000	0.3091
LATERAL DRAINAGE COLLECTED	0.8375	0.1275	0.1915	0.8238	0.8160	0.5137
FROM LAYER 3	0.1536	0.0123	0.4293	0.2063	0.0164	0.0872
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1285	0.0284	0.0353	0.1263	0.1263	0.0866
LAYER 4	0.0333	0.0044	0.0756	0.0430	0.0059	0.0170
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1358	0.1310	0.0643	0.0224	0.0957	0.1296
LAYER 7	0.1163	0.0781	0.0154	0.0553	0.0658	0.0375

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.394	0.000	2.141	3.250	3.455	0.690
TOP OF LAYER 2	0.000	0.277	1.647	0.092	0.000	0.833
STD. DEVIATION OF DAILY	1.332	0.000	2.466	1.622	1.639	0.930
HEAD ON TOP OF LAYER 2	0.000	1.064	2.005	0.185	0.000	1.757
AVERAGE DAILY HEAD ON	0.955	0.161	0.218	0.971	0.931	0.606
TOP OF LAYER 4	0.175	0.014	0.506	0.235	0.019	0.099
STD. DEVIATION OF DAILY	0.197	0.119	0.281	0.070	0.105	0.252
HEAD ON TOP OF LAYER 4	0.141	0.026	0.191	0.121	0.017	0.179
AVERAGE DAILY HEAD ON	0.001	0.001	0.001	0.000	0.001	0.001
TOP OF LAYER 7	0.001	0.001	0.000	0.001	0.001	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 2

	INCHES	CU. FEET	PERCENT
PRECIPITATION	49.33	447669.719	100.00
RUNOFF	15.260	138480.719	30.93
EVAPOTRANSPIRATION	24.991	226793.141	50.66
PERC./LEAKAGE THROUGH LAYER 2	4.699934	42651.898	9.53
AVG. HEAD ON TOP OF LAYER 2	1.1482		
DRAINAGE COLLECTED FROM LAYER 3	4.2152	38252.684	8.54
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.710584	6448.554	1.44
AVG. HEAD ON TOP OF LAYER 4	0.4077		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	2.015	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.947055	8594.521	1.92
AVG. HEAD ON TOP OF LAYER 7	0.0008		
CHANGE IN WATER STORAGE	3.917	35546.719	7.94
SOIL WATER AT START OF YEAR	285.510	2591004.500	
SOIL WATER AT END OF YEAR	285.388	2589899.250	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	4.039	36652.012	8.19
ANNUAL WATER BUDGET BALANCE	0.0000	-0.061	0.00

HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7

DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 3

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1		*	0.01	0.331	0.000	0.4784	0.4216	.0000E+00	.2746E-01	0.5623	.1590E-01	.2766E-02	0.0000	.0000E+00	.0000E+0
2		*	0.23	0.743	0.000	0.4755	0.3452	.0000E+00	.2730E-01	0.5851	.1654E-01	.2852E-02	0.0000	.0000E+00	.0000E+0
3		*	0.94	2.034	0.000	0.4727	0.2663	.0000E+00	.2712E-01	0.6055	.1712E-01	.2928E-02	0.0000	.0000E+00	.0000E+0
4		*	0.00	0.308	0.005	0.4693	0.1819	.0000E+00	.2693E-01	0.6237	.1763E-01	.2995E-02	0.0000	.0000E+00	.0000E+0
5		*	0.03	0.034	0.000	0.4666	0.0946	.0000E+00	.2674E-01	0.6399	.1809E-01	.3055E-02	0.0000	.0000E+00	.0000E+0
6		*	0.00	0.168	0.023	0.4648	0.0165	.0000E+00	.1047E-01	0.6383	.1805E-01	.3049E-02	0.0000	.0000E+00	.0000E+0
7		*	0.00	0.106	0.029	0.4648	0.0000	.0000E+00	.0000E+00	0.6002	.1697E-01	.2908E-02	0.0000	.0000E+00	.0000E+0
8	*	*	0.00	0.000	0.034	0.4648	0.0000	.0000E+00	.0000E+00	0.5485	.1551E-01	.2713E-02	0.0000	.0000E+00	.0000E+0
9	*	*	0.00	0.000	0.027	0.4648	0.0000	.0000E+00	.0000E+00	0.5011	.1417E-01	.2532E-02	0.0000	.0000E+00	.0000E+0
10	*	*	0.00	0.000	0.034	0.4648	0.0000	.0000E+00	.0000E+00	0.4576	.1294E-01	.2361E-02	0.0000	.0000E+00	.0000E+0
11		*	0.25	0.766	0.000	0.4648	0.0049	.0000E+00	.1454E-01	0.4322	.1222E-01	.2261E-02	0.0000	.0000E+00	.0000E+0
12		*	0.27	0.726	0.000	0.4654	0.0049	.0000E+00	.1090E-01	0.4288	.1212E-01	.2247E-02	0.0000	.0000E+00	.0000E+0
13		*	0.11	0.108	0.000	0.4648	0.0085	.0000E+00	.1701E-01	0.4258	.1204E-01	.2235E-02	0.0000	.0000E+00	.0000E+0
14		*	0.00	0.271	0.016	0.4648	0.0001	.0000E+00	.9627E-04	0.4161	.1177E-01	.2196E-02	0.0000	.0000E+00	.0000E+0
15		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3799	.1074E-01	.2048E-02	0.0000	.8844E-09	.1138E-0
16		*	0.08	0.067	0.010	0.4648	0.0018	.0000E+00	.3052E-02	0.3497	.9888E-02	.1922E-02	0.0001	.4998E-08	.2682E-0
17			0.00	0.000	0.047	0.4524	3.7154	.0000E+00	.2811E-01	0.3518	.9948E-02	.1931E-02	0.0000	.2841E-08	.2120E-0
18			0.00	0.000	0.044	0.4389	4.7705	.0000E+00	.3708E-01	0.4030	.1139E-01	.2142E-02	0.0001	.2448E-08	.1785E-0
19			0.00	0.000	0.043	0.4257	4.5476	.0000E+00	.3659E-01	0.4637	.1311E-01	.2385E-02	0.0000	.0000E+00	.0000E+0
20			0.00	0.000	0.054	0.4107	4.3198	.0000E+00	.3608E-01	0.5181	.1465E-01	.2597E-02	0.0000	.0000E+00	.0000E+0
21			0.00	0.000	0.047	0.3970	4.0485	.0000E+00	.3548E-01	0.5665	.1602E-01	.2782E-02	0.0000	.0000E+00	.0000E+0
22			0.00	0.000	0.052	0.3825	3.7928	.0000E+00	.3492E-01	0.6094	.1723E-01	.2942E-02	0.0000	.0000E+00	.0000E+0
23			0.00	0.000	0.043	0.3696	3.5592	.0000E+00	.3440E-01	0.6473	.1830E-01	.3082E-02	0.0000	.0000E+00	.0000E+0
24			0.00	0.000	0.052	0.3552	3.3312	.0000E+00	.3390E-01	0.6806	.1925E-01	.3203E-02	0.0000	.0000E+00	.0000E+0
25	*		0.00	0.000	0.041	0.3428	3.1031	.0000E+00	.3339E-01	0.7099	.2007E-01	.3309E-02	0.0000	.0000E+00	.0000E+0
26	*		0.00	0.000	0.038	0.3310	2.8996	.0000E+00	.3294E-01	0.7355	.2080E-01	.3400E-02	0.0000	.0000E+00	.0000E+0
27	*		0.00	0.000	0.041	0.3187	2.7165	.0000E+00	.3254E-01	0.7579	.2143E-01	.3480E-02	0.0000	.0000E+00	.0000E+0
28			0.00	0.000	0.052	0.3048	2.5305	.0000E+00	.3213E-01	0.7774	.2198E-01	.3548E-02	0.0000	.0000E+00	.0000E+0
29	*		0.14	0.000	0.044	0.3028	2.3568	.0000E+00	.3174E-01	0.7942	.2245E-01	.3607E-02	0.0000	.0000E+00	.0000E+0
30			0.15	0.000	0.036	0.3294	2.2111	.0000E+00	.3142E-01	0.8086	.2286E-01	.3658E-02	0.0000	.0000E+00	.0000E+0
31			0.55	0.001	0.068	0.4043	2.2274	.0000E+00	.3146E-01	0.8214	.2323E-01	.3702E-02	0.0000	.0000E+00	.0000E+0
32			0.00	0.000	0.066	0.3877	3.1775	.0000E+00	.3356E-01	0.8353	.2362E-01	.3751E-02	0.0000	.0000E+00	.0000E+0
33			0.00	0.000	0.060	0.3723	2.9481	.0000E+00	.3305E-01	0.8509	.2406E-01	.3805E-02	0.0000	.0000E+00	.0000E+0
34			0.73	0.022	0.053	0.4757	3.4218	.0000E+00	.3410E-01	0.8654	.2447E-01	.3855E-02	0.0000	.0000E+00	.0000E+0
35			0.73	0.485	0.055	0.5010	5.7687	.0000E+00	.3929E-01	0.8856	.2504E-01	.3924E-02	0.0000	.0000E+00	.0000E+0
36	*		0.34	0.000	0.041	0.4977	5.9653	.0000E+00	.3972E-01	0.9129	.2581E-01	.4017E-02	0.0000	.0000E+00	.0000E+0
37			0.02	0.212	0.027	0.5010	5.9677	.0000E+00	.3973E-01	0.9387	.2654E-01	.4104E-02	0.0000	.0000E+00	.0000E+0
38			0.00	0.000	0.054	0.4854	5.8387	.0000E+00	.3944E-01	0.9620	.2720E-01	.4183E-02	0.0000	.0000E+00	.0000E+0
39			0.00	0.000	0.059	0.4691	5.4172	.0000E+00	.3851E-01	0.9821	.2777E-01	.4250E-02	0.0000	.0000E+00	.0000E+0
40	*		0.00	0.000	0.048	0.4547	5.0129	.0000E+00	.3762E-01	0.9981	.2822E-01	.4303E-02	0.0000	.0000E+00	.0000E+0
41			0.00	0.000	0.062	0.4382	4.6835	.0000E+00	.3689E-01	1.0106	.2858E-01	.4345E-02	0.0000	.0000E+00	.0000E+0
42			0.22	0.000	0.059	0.4590	4.4720	.0000E+00	.3642E-01	1.0205	.2885E-01	.4378E-02	0.0000	.0000E+00	.0000E+0
43			0.00	0.000	0.066	0.4418	4.7326	.0000E+00	.3700E-01	1.0294	.2911E-01	.4407E-02	0.0000	.0000E+00	.0000E+0
44			0.00	0.000	0.081	0.4222	4.3916	.0000E+00	.3624E-01	1.0377	.2934E-01	.4435E-02	0.0000	.0000E+00	.0000E+0
45			0.18	0.000	0.059	0.4364	4.0639	.0000E+00	.3552E-01	1.0434	.2950E-01	.4454E-02	0.0000	.3326E-10	.2004E-0
46			0.00	0.000	0.066	0.4194	4.1671	.0000E+00	.3575E-01	1.0477	.2962E-01	.4468E-02	0.0000	.1031E-08	.1251E-0
47	*		0.18	0.000	0.048	0.4169	3.8926	.0000E+00	.3514E-01	1.0514	.2973E-01	.4480E-02	0.0001	.4014E-08	.2451E-0
48	*		0.00	0.000	0.061	0.4143	3.7489	.0000E+00	.3482E-01	1.0535	.2979E-01	.4487E-02	0.0001	.9274E-08	.3700E-0
49			0.00	0.000	0.080	0.4006	3.5979	.0000E+00	.3449E-01	1.0546	.2982E-01	.4491E-02	0.0002	.1691E-07	.4976E-0
50	*		0.36	0.000	0.036	0.3982	3.4048	.0000E+00	.3406E-01	1.0546	.2982E-01	.4491E-02	0.0002	.2704E-07	.6275E-0
51	*		0.06	0.000	0.037	0.3958	3.2607	.0000E+00	.3374E-01	1.0537	.2979E-01	.4488E-02	0.0002	.3973E-07	.7591E-0
52	*		0.00	0.000	0.040	0.3936	3.1390	.0000E+00	.3347E-01	1.0520	.2975E-01	.4482E-02	0.0001	.2550E-07	.6565E-0
53			0.00	0.000	0.057	0.4198	3.2948	.0000E+00	.3382E-01	1.0504	.2970E-01	.4477E-02	0.0003	.6760E-07	.9884E-0
54	*		1.00	0.000	0.040	0.4173	3.7288	.0000E+00	.3478E-01	1.0504	.2970E-01	.4477E-02	0.0004	.8831E-07	.1409E-0
55	*		0.00	0.000	0.036	0.4148	3.7165	.0000E+00	.3475E-01	1.0519	.2974E-01	.4482E-02	0.0002	.5236E-07	.9322E-0
56	*		0.00	0.000	0.036	0.4123	3.6247	.0000E+00	.3455E-01	1.0531	.2978E-01	.4486E-02	0.0004	.1257E-06	.1344E-0
57			0.00	0.000	0.030	0.4268	3.5619	.0000E+00	.3441E-01	1.0537	.2979E-01	.4488E-02	0.0005	.1481E-06	.1458E-0
58			0.00	0.023	0.009	0.5010	4.6401	.0000E+00	.3679E-01	1.0564	.2987E-01	.4496E-02	0.0005	.1710E-06	.1565E-0
59			0.00	0.051	0.071	0.5010	6.0000	.0000E+00	.3980E-01	1.0657	.3013E-01	.4527E-02	0.0005	.1947E-06	.2082E-0
60			0.00	0.000	0.069	0.4830	5.8148	.0000E+00	.3939E-01	1.0787	.3050E-01	.4570E-02	0.0006	.2123E-06	.1744E-0
61			0.00	0.000	0.074	0.4643	5.3322	.0000E+00	.3832E-01	1.0888	.3079E-01	.4603E-02	0.0003	.1161E-06	.1358E-0
62	*		0.00	0.000	0.060	0.4480	4.8843	.0000E+00	.3733E-01	1.0955	.3098E-01	.4625E-02	0.0006	.2508E-06	.1893E-0
63			0.00	0.000	0.089	0.4270	4.5170	.0000E+00	.3652E-01	1.0992	.3108E-01	.4637E-02	0.0007	.2770E-06	.1990E-0
64			0.56	0.022	0.082	0.4970	4.6415	.0000E+00	.3679E-01	1.1016	.3115E-01	.4645E-02	0.0007	.3058E-06	.2091E-0
65	*		0.00	0.000	0.077	0.4776	5.6928	.0000E+00	.3912E-01	1.1065	.3129E-01	.4661E-02	0.0007	.3341E-06	.2185E-0
66			0.00	0.000	0.095	0.4555	5.1594	.0000E+00	.3794E-01	1.1136	.3149E-01	.4684E-02	0.0007	.3609E-06	.2269E-0
67			0.00	0.000	0.096	0.4334	4.6765	.0000E+00	.3687E-01	1.1171	.3159E-01	.4695E-02	0.0008	.3896E-06	.2359E-0
68			0.00	0.000	0.078	0.4144	4.2697	.0000E+00	.3597E-01	1.1177	.3160E-01	.4697E-02	0.0008	.4222E-06	.2456E-0
69			0.00	0.000	0.092	0.3933	3.9027	.0000E+00	.3516E-01	1.1161	.3156E-01	.4692E-02	0.0008	.4579E-06	.3214E-0
70			0.00	0.000	0.068	0.3762	3.6101	.0000E+00	.3451E-01	1.1126	.3146E-01	.4681E-02	0.0009	.5063E-06	.2689E-0
71	*		0.00	0.000	0.066	0.3596	3.3506	.0000E+00	.3394E-01	1.1078	.3132E-01	.4665E-02	0.0009	.5468E-06	.2794E-0
72	*		0.00	0.000	0.000	0.3540	3.1327	.0000E+00	.3346E-01	1.1020	.3116E-01	.4646E-02	0.0010	.5883E-06	.2898E-0
73			0.00	0.000	0.074	0.3362	2.9469	.0000E+00	.3305E-01	1.0955	.3097E-01	.4625E-02	0.0010	.6301E-06	.2998E-0
74	*		0.00	0.000	0.076	0.3181	2.7312	.0000E+00	.3257E-01	1.0884	.3077E-01	.4601E-02	0.0005	.3360E-06	.2316E-0
75			0.00	0.000	0.094	0.2971	2.5142	.0000E+00	.3209E-01	1.0806	.3055E-01	.4576E-02	0.0010	.7022E-06	.3168E-0
76			0.00	0.000	0.079	0.2788	2.2015	.0000E+00	.3140E-01	1.0720	.3031E-01	.4548E-02	0.0011	.7441E-06	.4087E-0
77			1.04	0.054	0.066	0.4269	1.8996	.0000E+00	.3073E-01	1.0623	.3004E-01	.4516E-02	0.0011	.7985E-06	.3373E-0
78			0.00	0.000	0.089	0.4062	3.8056	.0000E+00	.3495E-01	1.0565	.2987E-01	.4497E-02	0.0006	.4136E-06	.2580E-0
79			0.00	0.000	0.084	0.3865	3.6697	.0000E+00	.3465E-01	1.0577	.2991E-01	.4501E-02	0.0011	.8508E-06	.3481E-0
80			0.65	0.011	0.085	0.4730	3.7924	.0000E+00	.3492E-01	1.0586	.2993E-01	.4504E-02	0.0012	.8735E-06	.3527E-0
81			0.00	0.000	0.092	0.4514	5.0574	.0000E+00	.3771E-01	1.0627	.3005E-01	.4517E-02	0.0012	.8926E-06	.3564E-0
82			0.00	0.000	0.098	0.4289	4.6061	.0000E+00	.3672E-01	1.0699	.3025E-01	.4541E-02	0.0012	.9064E-06	.3590E-0
83			0.00	0.000	0.105	0.4055	4.1694	.0000E+00	.3575E-01	1.0739	.3037E-01	.4554E-02	0.0012	.9216E-06	.3622E-0

84		0.00	0.000	0.105	0.3823	3.7998	.0000E+00	.3493E-01	1.0753	.3040E-01	.4559E-02	0.0012	.9413E-06	.3661E-0
85		0.00	0.000	0.111	0.3581	3.4782	.0000E+00	.3422E-01	1.0745	.3038E-01	.4556E-02	0.0012	.9642E-06	.3706E-0
86		0.00	0.000	0.103	0.3354	3.1008	.0000E+00	.3339E-01	1.0718	.3031E-01	.4547E-02	0.0012	.9897E-06	.3755E-0
87		0.00	0.000	0.108	0.3120	2.7917	.0000E+00	.3270E-01	1.0673	.3018E-01	.4532E-02	0.0013	.1017E-05	.3808E-0
88	*	0.09	0.000	0.060	0.3099	2.5868	.0000E+00	.3225E-01	1.0616	.3002E-01	.4514E-02	0.0013	.1046E-05	.4833E-0
89		0.08	0.000	0.084	0.3056	2.4180	.0000E+00	.3188E-01	1.0553	.2984E-01	.4493E-02	0.0013	.1083E-05	.3926E-0
90		0.13	0.000	0.074	0.3098	2.1724	.0000E+00	.3134E-01	1.0484	.2964E-01	.4470E-02	0.0013	.1111E-05	.3976E-0
91		0.00	0.000	0.097	0.2884	1.9059	.0000E+00	.3075E-01	1.0406	.2942E-01	.4444E-02	0.0013	.1139E-05	.4025E-0
92		0.28	0.000	0.087	0.3156	1.7280	.0000E+00	.3035E-01	1.0321	.2918E-01	.4416E-02	0.0013	.1166E-05	.4073E-0
93		0.00	0.000	0.115	0.2915	1.5510	.0000E+00	.2996E-01	1.0232	.2893E-01	.4387E-02	0.0014	.1192E-05	.4118E-0
94		0.15	0.000	0.105	0.2941	1.3696	.0000E+00	.2956E-01	1.0141	.2867E-01	.4357E-02	0.0014	.1217E-05	.4161E-0
95		0.00	0.000	0.126	0.2682	1.1899	.0000E+00	.2916E-01	1.0046	.2841E-01	.4325E-02	0.0014	.1240E-05	.4200E-0
96		0.38	0.000	0.091	0.3116	1.0004	.0000E+00	.2874E-01	0.9949	.2813E-01	.4293E-02	0.0014	.1262E-05	.4237E-0
97		0.00	0.000	0.136	0.2842	0.8560	.0000E+00	.2842E-01	0.9850	.2785E-01	.4260E-02	0.0007	.6415E-06	.3204E-0
98		0.00	0.000	0.117	0.2600	0.7067	.0000E+00	.2809E-01	0.9751	.2757E-01	.4227E-02	0.0014	.1295E-05	.4295E-0
99		0.08	0.000	0.108	0.2506	0.5613	.0000E+00	.2777E-01	0.9651	.2729E-01	.4193E-02	0.0014	.1312E-05	.4323E-0
100		0.00	0.000	0.128	0.2247	0.4167	.0000E+00	.2745E-01	0.9552	.2701E-01	.4160E-02	0.0014	.1327E-05	.5437E-0
101		0.00	0.000	0.159	0.1936	0.2690	.0000E+00	.2713E-01	0.9452	.2672E-01	.4126E-02	0.0014	.1347E-05	.4377E-0
102		0.00	0.000	0.144	0.1652	0.1610	.0000E+00	.2689E-01	0.9352	.2644E-01	.4092E-02	0.0015	.1359E-05	.4396E-0
103		0.72	0.001	0.107	0.2659	0.0281	.0000E+00	.8509E-02	0.9075	.2566E-01	.3998E-02	0.0015	.1406E-05	.4470E-0
104		0.00	0.000	0.158	0.2396	0.0000	.0000E+00	.0000E+00	0.8440	.2386E-01	.3780E-02	0.0015	.1524E-05	.4652E-0
105		0.00	0.000	0.130	0.2179	0.0000	.0000E+00	.0000E+00	0.7720	.2183E-01	.3529E-02	0.0016	.1655E-05	.4847E-0
106		0.00	0.000	0.163	0.1907	0.0000	.0000E+00	.0000E+00	0.7060	.1996E-01	.3295E-02	0.0017	.1764E-05	.5003E-0
107		0.00	0.000	0.158	0.1645	0.0000	.0000E+00	.0000E+00	0.6454	.1825E-01	.3075E-02	0.0009	.9361E-06	.3856E-0
108		0.01	0.000	0.166	0.1385	0.0000	.0000E+00	.0000E+00	0.5899	.1668E-01	.2870E-02	0.0017	.1888E-05	.5199E-0
109		0.30	0.000	0.084	0.1745	0.0000	.0000E+00	.0000E+00	0.5391	.1524E-01	.2678E-02	0.0017	.1944E-05	.5274E-0
110		0.10	0.000	0.116	0.1718	0.0000	.0000E+00	.0000E+00	0.4924	.1392E-01	.2498E-02	0.0017	.1984E-05	.5326E-0
111		0.00	0.000	0.068	0.1604	0.0000	.0000E+00	.0000E+00	0.4497	.1272E-01	.2330E-02	0.0018	.2009E-05	.5357E-0
112		0.03	0.000	0.064	0.1547	0.0000	.0000E+00	.0000E+00	0.4105	.1161E-01	.2173E-02	0.0018	.2021E-05	.6700E-0
113		0.00	0.000	0.049	0.1466	0.0000	.0000E+00	.0000E+00	0.3747	.1059E-01	.2026E-02	0.0018	.2033E-05	.5367E-0
114		0.00	0.000	0.044	0.1393	0.0000	.0000E+00	.0000E+00	0.3419	.9666E-02	.1889E-02	0.0018	.2019E-05	.5349E-0
115		0.00	0.000	0.019	0.1361	0.0000	.0000E+00	.0000E+00	0.3118	.8816E-02	.1760E-02	0.0018	.1997E-05	.5319E-0
116		0.09	0.000	0.015	0.1486	0.0000	.0000E+00	.0000E+00	0.2843	.8038E-02	.1640E-02	0.0017	.1969E-05	.5281E-0
117		0.30	0.000	0.023	0.1948	0.0000	.0000E+00	.0000E+00	0.2591	.7327E-02	.1528E-02	0.0017	.1934E-05	.5235E-0
118		0.00	0.000	0.148	0.1701	0.0000	.0000E+00	.0000E+00	0.2361	.6675E-02	.1423E-02	0.0017	.1896E-05	.5182E-0
119		1.64	0.218	0.038	0.4007	0.0000	.0000E+00	.0000E+00	0.2150	.6080E-02	.1325E-02	0.0017	.1853E-05	.5123E-0
120		0.16	0.000	0.146	0.3976	2.5912	.0000E+00	.3226E-01	0.2278	.6442E-02	.1384E-02	0.0016	.1706E-05	.4916E-0
121		0.00	0.000	0.225	0.3545	2.9549	.0000E+00	.3307E-01	0.2922	.8261E-02	.1674E-02	0.0007	.7140E-06	.3385E-0
122		0.32	0.000	0.169	0.3743	2.6287	.0000E+00	.3234E-01	0.3516	.9942E-02	.1930E-02	0.0014	.1283E-05	.4232E-0
123		0.00	0.000	0.192	0.3370	2.3490	.0000E+00	.3173E-01	0.4043	.1143E-01	.2147E-02	0.0013	.1101E-05	.3924E-0
124		0.00	0.000	0.178	0.3023	2.0538	.0000E+00	.3107E-01	0.4508	.1275E-01	.2335E-02	0.0012	.9602E-06	.3668E-0
125		0.04	0.000	0.154	0.2783	1.8246	.0000E+00	.3057E-01	0.4919	.1391E-01	.2496E-02	0.0012	.8505E-06	.3455E-0
126		0.00	0.000	0.188	0.2419	1.6180	.0000E+00	.3011E-01	0.5283	.1494E-01	.2637E-02	0.0011	.7631E-06	.4085E-0
127		0.18	0.000	0.178	0.2373	1.2801	.0000E+00	.2936E-01	0.5602	.1584E-01	.2758E-02	0.0010	.6749E-06	.3097E-0
128		0.84	0.014	0.179	0.3403	0.9014	.0000E+00	.2852E-01	0.5874	.1661E-01	.2860E-02	0.0010	.6272E-06	.2986E-0
129		0.00	0.000	0.185	0.3048	0.9764	.0000E+00	.2869E-01	0.6111	.1728E-01	.2949E-02	0.0010	.5899E-06	.2897E-0
130		0.00	0.000	0.217	0.2639	1.0114	.0000E+00	.2877E-01	0.6332	.1790E-01	.3030E-02	0.0009	.5589E-06	.2820E-0
131		0.00	0.000	0.210	0.2242	0.8375	.0000E+00	.2838E-01	0.6532	.1847E-01	.3104E-02	0.0009	.5342E-06	.2757E-0
132		0.00	0.000	0.146	0.1952	0.6787	.0000E+00	.2803E-01	0.6706	.1896E-01	.3167E-02	0.0009	.5156E-06	.2709E-0
133		0.00	0.000	0.161	0.1638	0.4044	.0000E+00	.2743E-01	0.6854	.1938E-01	.3220E-02	0.0009	.5024E-06	.2674E-0
134		0.75	0.002	0.143	0.2635	0.0336	.0000E+00	.6693E-02	0.6773	.1915E-01	.3191E-02	0.0004	.2604E-06	.2041E-0
135		0.00	0.000	0.203	0.2297	0.0000	.0000E+00	.0000E+00	0.6299	.1781E-01	.3018E-02	0.0009	.5674E-06	.2862E-0
136		0.00	0.000	0.247	0.1886	0.0000	.0000E+00	.0000E+00	0.5757	.1628E-01	.2816E-02	0.0010	.6468E-06	.3057E-0
137		1.20	0.073	0.178	0.3467	0.0000	.0000E+00	.0000E+00	0.5260	.1487E-01	.2628E-02	0.0011	.7257E-06	.3234E-0
138		0.16	0.000	0.216	0.3337	1.0139	.0000E+00	.2214E-01	0.5025	.1421E-01	.2537E-02	0.0011	.7723E-06	.3324E-0
139		1.40	0.248	0.183	0.4898	2.5581	.0000E+00	.3219E-01	0.5265	.1489E-01	.2630E-02	0.0011	.7484E-06	.3249E-0
140		0.00	0.000	0.209	0.4487	5.2704	.0000E+00	.3818E-01	0.5707	.1614E-01	.2797E-02	0.0010	.6774E-06	.3082E-0
141		0.00	0.000	0.199	0.4095	4.4312	.0000E+00	.3633E-01	0.6189	.1750E-01	.2977E-02	0.0010	.6004E-06	.2899E-0
142		0.00	0.000	0.240	0.3636	3.7967	.0000E+00	.3493E-01	0.6588	.1863E-01	.3124E-02	0.0009	.5392E-06	.2751E-0
143		0.00	0.000	0.229	0.3199	3.1026	.0000E+00	.3339E-01	0.6915	.1955E-01	.3243E-02	0.0009	.4963E-06	.2643E-0
144		0.79	0.017	0.237	0.4040	2.6202	.0000E+00	.3233E-01	0.7181	.2030E-01	.3338E-02	0.0009	.4670E-06	.2567E-0
145		0.53	0.011	0.226	0.4469	3.6260	.0000E+00	.3455E-01	0.7429	.2101E-01	.3427E-02	0.0008	.4454E-06	.2508E-0
146		0.00	0.000	0.265	0.3968	4.1792	.0000E+00	.3577E-01	0.7704	.2178E-01	.3524E-02	0.0008	.4253E-06	.2450E-0
147		0.00	0.000	0.241	0.3508	3.5215	.0000E+00	.3432E-01	0.7962	.2251E-01	.3615E-02	0.0008	.4099E-06	.3002E-0
148		0.00	0.000	0.224	0.3080	2.9225	.0000E+00	.3299E-01	0.8162	.2308E-01	.3684E-02	0.0008	.3934E-06	.2369E-0
149		0.32	0.000	0.255	0.3136	2.3822	.0000E+00	.3180E-01	0.8313	.2350E-01	.3737E-02	0.0008	.3933E-06	.2369E-0
150		0.41	0.000	0.193	0.3446	1.8575	.0000E+00	.3064E-01	0.8420	.2381E-01	.3774E-02	0.0008	.3989E-06	.2385E-0
151		0.00	0.000	0.287	0.2917	1.6399	.0000E+00	.3016E-01	0.8495	.2402E-01	.3800E-02	0.0008	.4087E-06	.2414E-0
152		0.00	0.000	0.288	0.2388	1.3989	.0000E+00	.2962E-01	0.8550	.2418E-01	.3819E-02	0.0008	.4208E-06	.2450E-0
153		0.24	0.000	0.273	0.2285	1.0512	.0000E+00	.2886E-01	0.8585	.2427E-01	.3831E-02	0.0008	.4355E-06	.2492E-0
154		0.00	0.000	0.288	0.1759	0.6672	.0000E+00	.2801E-01	0.8596	.2431E-01	.3835E-02	0.0008	.4530E-06	.2542E-0
155		0.00	0.000	0.234	0.1358	0.0927	.0000E+00	.6814E-02	0.8382	.2370E-01	.3761E-02	0.0004	.2469E-06	.1994E-0
156		0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.7777	.2199E-01	.3549E-02	0.0009	.5605E-06	.2851E-0
157		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.7112	.2011E-01	.3313E-02	0.0010	.6637E-06	.3101E-0
158		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6502	.1839E-01	.3093E-02	0.0011	.7656E-06	.4172E-0
159		0.63	0.000	0.069	0.2285	0.0000	.0000E+00	.0000E+00	0.5943	.1680E-01	.2886E-02	0.0012	.8954E-06	.3567E-0
160		0.32	0.000	0.144	0.2578	0.0000	.0000E+00	.0000E+00	0.5431	.1536E-01	.2693E-02	0.0012	.9769E-06	.3725E-0
161		0.00	0.000	0.241	0.2177	0.0000	.0000E+00	.0000E+00	0.4961	.1403E-01	.2512E-02	0.0013	.1048E-05	.3857E-0
162		0.33	0.000	0.170	0.2444	0.0000	.0000E+00	.0000E+00	0.4531	.1281E-01	.2343E-02	0.0013	.1108E-05	.3966E-0
163		0.00	0.000	0.225	0.2069	0.0000	.0000E+00	.0000E+00	0.4136	.1170E-01	.2185E-02	0.0007	.5844E-06	.3048E-0
164		0.30	0.000	0.135	0.2344	0.0000	.0000E+00	.0000E+00	0.3775	.1067E-01	.2038E-02	0.0013	.1178E-05	.4107E-0
165		0.00	0.000	0.254	0.1920	0.0000	.0000E+00	.0000E+00	0.3444	.9739E-02	.1900E-02	0.0014	.1212E-05	.4163E-0
166		0.02	0.000	0.127	0.1742	0.0000	.0000E+00	.0000E+00	0.3142	.8883E-02	.1771E-02	0.0014	.1237E-05	.4205E-0
167		0.00	0.000	0.127	0.1530	0.0000	.0000E+00	.0000E+00	0.2865	.8100E-02	.1650E-02	0.0014	.1247E-05	.5284E-0
168		0.00	0.000	0.095	0.1372	0.0000	.0000E+00	.0000E+00	0.2611	.7383E-02	.1537E-02	0.0014	.1275E-05	.4252E-0
169		0.55	0.000	0.107	0.2110	0.0000	.0000E+00	.0000E+00	0.2379	.6727E-02	.1432E-02	0.0014	.1277E-05	.4255E-0
170		0.00	0.000	0.214	0.1753	0.0000	.0000E+00	.0000E+00	0.2167	.6127E-02	.1333E-02	0.0014	.1273E-05	.4249E-0
171		3.01	0.969	0.216	0.4795	0.0000	.0000E+00	.0000E+00	0.1973	.5579E-02	.1241E-02	0.0014	.1265E-05	.4235E-0
172		0.00	0.000	0.250	0.4317	4.8309	.0000E+00	.3721E-01	0.2165	.6122E-02	.1331E-02	0.0013	.1154E-05	.4044E-0
173		0.34	0.000	0.256	0.4396	4.2214	.0000E+00	.3587E-01	0.2926	.8273E-02	.1676E-02	0.0012	.9230E-06	.3619E-0
174		0.00	0.000	0.287	0.3859	3.9030	.0000E+00	.3516E-01	0.3593	.1016E-01	.1962E-02	0.0011	.7566E-06	.3278E-0
175		0.00	0.000	0.261	0.3368	3.2647	.0000E+00	.3375E-01	0.4178	.1181E-01	.2202E-02	0.0010	.6340E-06	.3001E-0
176		0.00	0.000	0.206	0.2970	2.7837	.0000E+00	.3269E-01	0.4681	.1324E-01	.2403E-02	0.0005	.2720E-06	.2087E-0
177		0.00	0.000	0.291	0.2433	2.0146	.0000E+00	.3099E-01	0.5108	.1444E-01	.2569E-02	0.0009	.5017E-06	.2650E-0
178		0.00	0.000	0.278	0.1922	1.1749	.0000E+00	.2913E-01	0.5453	.1542E-01	.2702E-02	0.0008	.4487E-06	.2510E-0
179		0.01	0.000	0.175	0.1601	0.5081	.0000E+00	.2766E-01	0.5725	.1619E-01	.2804E-02	0.0008	.4121E-06	.2409E-0

180	0.05	0.000	0.162	0.1415	0.0016	.0000E+00	.0000E+00	0.5676	.1605E-01	.2786E-02	0.0008	.4074E-06	.2410E-0
181	0.00	0.000	0.027	0.1370	0.0000	.0000E+00	.0000E+00	0.5185	.1466E-01	.2599E-02	0.0008	.4540E-06	.2564E-0
182	0.00	0.000	0.008	0.1356	0.0000	.0000E+00	.0000E+00	0.4736	.1339E-01	.2425E-02	0.0009	.5192E-06	.2738E-0
183	0.00	0.000	0.003	0.1351	0.0000	.0000E+00	.0000E+00	0.4325	.1223E-01	.2261E-02	0.0009	.5794E-06	.2889E-0
184	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.3948	.1116E-01	.2109E-02	0.0010	.6340E-06	.3020E-0
185	0.05	0.000	0.028	0.1387	0.0000	.0000E+00	.0000E+00	0.3602	.1019E-01	.1966E-02	0.0010	.6826E-06	.3131E-0
186	0.00	0.000	0.010	0.1371	0.0000	.0000E+00	.0000E+00	0.3286	.9292E-02	.1833E-02	0.0011	.7252E-06	.4033E-0
187	0.00	0.000	0.010	0.1355	0.0000	.0000E+00	.0000E+00	0.2997	.8474E-02	.1708E-02	0.0011	.7773E-06	.3321E-0
188	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.2732	.7725E-02	.1591E-02	0.0011	.8061E-06	.3382E-0
189	0.01	0.000	0.011	0.1350	0.0000	.0000E+00	.0000E+00	0.2490	.7040E-02	.1482E-02	0.0011	.8293E-06	.3430E-0
190	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2268	.6413E-02	.1380E-02	0.0011	.8474E-06	.3467E-0
191	0.59	0.000	0.123	0.2129	0.0000	.0000E+00	.0000E+00	0.2066	.5840E-02	.1285E-02	0.0012	.8608E-06	.3494E-0
192	0.15	0.000	0.145	0.2137	0.0000	.0000E+00	.0000E+00	0.1880	.5317E-02	.1196E-02	0.0012	.8697E-06	.3512E-0
193	0.00	0.000	0.268	0.1691	0.0000	.0000E+00	.0000E+00	0.1711	.4838E-02	.1113E-02	0.0012	.8747E-06	.3522E-0
194	0.00	0.000	0.171	0.1406	0.0000	.0000E+00	.0000E+00	0.1556	.4401E-02	.1036E-02	0.0012	.8762E-06	.3525E-0
195	0.00	0.000	0.029	0.1358	0.0000	.0000E+00	.0000E+00	0.1415	.4001E-02	.9630E-03	0.0006	.4372E-06	.2649E-0
196	0.00	0.000	0.004	0.1351	0.0000	.0000E+00	.0000E+00	0.1286	.3636E-02	.8953E-03	0.0012	.8671E-06	.3515E-0
197	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1168	.3303E-02	.8322E-03	0.0012	.8611E-06	.3503E-0
198	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1061	.3000E-02	.7732E-03	0.0011	.8530E-06	.3485E-0
199	1.97	0.354	0.174	0.3753	0.0000	.0000E+00	.0000E+00	0.0963	.2722E-02	.7181E-03	0.0011	.8429E-06	.4322E-0
200	0.98	0.206	0.272	0.4548	2.5281	.0000E+00	.2549E-01	0.1127	.3185E-02	.8079E-03	0.0011	.7661E-06	.3296E-0
201	0.00	0.000	0.307	0.3976	4.2752	.0000E+00	.3598E-01	0.1789	.5059E-02	.1150E-02	0.0010	.5910E-06	.2896E-0
202	0.00	0.000	0.283	0.3446	3.5141	.0000E+00	.3430E-01	0.2547	.7201E-02	.1507E-02	0.0008	.4408E-06	.2502E-0
203	0.79	0.025	0.279	0.4202	2.8783	.0000E+00	.3290E-01	0.3198	.9043E-02	.1795E-02	0.0007	.3393E-06	.2196E-0
204	0.03	0.000	0.224	0.3822	3.5035	.0000E+00	.3428E-01	0.3786	.1070E-01	.2042E-02	0.0006	.2658E-06	.1945E-0
205	0.00	0.000	0.270	0.3316	3.1511	.0000E+00	.3350E-01	0.4338	.1227E-01	.2267E-02	0.0006	.2099E-06	.1729E-0
206	0.00	0.000	0.274	0.2807	2.4922	.0000E+00	.3204E-01	0.4817	.1362E-01	.2456E-02	0.0003	.8455E-07	.1167E-0
207	0.00	0.000	0.303	0.2252	1.6456	.0000E+00	.3017E-01	0.5214	.1474E-01	.2610E-02	0.0005	.1543E-06	.1825E-0
208	0.00	0.000	0.247	0.1793	0.8561	.0000E+00	.2842E-01	0.5530	.1564E-01	.2731E-02	0.0004	.1271E-06	.1347E-0
209	0.00	0.000	0.233	0.1393	0.1937	.0000E+00	.6930E-02	0.5579	.1577E-01	.2749E-02	0.0004	.1309E-06	.1367E-0
210	0.00	0.000	0.026	0.1350	0.0000	.0000E+00	.0000E+00	0.5208	.1473E-01	.2608E-02	0.0003	.8343E-07	.1154E-0
211	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4757	.1345E-01	.2433E-02	0.0005	.1963E-06	.1693E-0
212	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4344	.1228E-01	.2269E-02	0.0006	.2422E-06	.1876E-0
213	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3965	.1121E-01	.2116E-02	0.0007	.2872E-06	.2560E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3618	.1023E-01	.1973E-02	0.0007	.3463E-06	.2219E-0
215	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3301	.9333E-02	.1839E-02	0.0008	.3859E-06	.2342E-0
216	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3010	.8511E-02	.1714E-02	0.0008	.4224E-06	.2450E-0
217	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2744	.7760E-02	.1597E-02	0.0008	.4554E-06	.2543E-0
218	0.63	0.000	0.138	0.2171	0.0000	.0000E+00	.0000E+00	0.2501	.7071E-02	.1487E-02	0.0009	.4847E-06	.2624E-0
219	0.00	0.000	0.206	0.1828	0.0000	.0000E+00	.0000E+00	0.2278	.6442E-02	.1385E-02	0.0009	.5104E-06	.2692E-0
220	0.00	0.000	0.174	0.1537	0.0000	.0000E+00	.0000E+00	0.2075	.5867E-02	.1290E-02	0.0009	.5326E-06	.2750E-0
221	0.00	0.000	0.105	0.1362	0.0000	.0000E+00	.0000E+00	0.1889	.5341E-02	.1200E-02	0.0009	.5513E-06	.2798E-0
222	0.00	0.000	0.007	0.1350	0.0000	.0000E+00	.0000E+00	0.1719	.4860E-02	.1117E-02	0.0009	.5668E-06	.2836E-0
223	0.06	0.000	0.036	0.1389	0.0000	.0000E+00	.0000E+00	0.1563	.4421E-02	.1039E-02	0.0009	.5792E-06	.2867E-0
224	0.00	0.000	0.009	0.1375	0.0000	.0000E+00	.0000E+00	0.1421	.4019E-02	.9664E-03	0.0005	.2943E-06	.2173E-0
225	0.00	0.000	0.009	0.1359	0.0000	.0000E+00	.0000E+00	0.1292	.3653E-02	.8985E-03	0.0010	.5905E-06	.2903E-0
226	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.1174	.3319E-02	.8351E-03	0.0010	.5957E-06	.3640E-0
227	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.1066	.3013E-02	.7759E-03	0.0010	.6023E-06	.2923E-0
228	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0967	.2735E-02	.7207E-03	0.0005	.3013E-06	.2198E-0
229	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0878	.2481E-02	.6692E-03	0.0010	.5989E-06	.2922E-0
230	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0796	.2250E-02	.6211E-03	0.0010	.5965E-06	.2915E-0
231	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0721	.2039E-02	.5763E-03	0.0010	.5926E-06	.2905E-0
232	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0653	.1847E-02	.5345E-03	0.0010	.5874E-06	.2892E-0
233	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0591	.1672E-02	.4955E-03	0.0009	.5812E-06	.2876E-0
234	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0535	.1513E-02	.4592E-03	0.0009	.5740E-06	.2858E-0
235	0.97	0.023	0.121	0.2727	0.0000	.0000E+00	.0000E+00	0.0484	.1368E-02	.4254E-03	0.0009	.5633E-06	.3541E-0
236	0.00	0.000	0.222	0.2356	0.0000	.0000E+00	.0000E+00	0.0437	.1237E-02	.3939E-03	0.0009	.5566E-06	.2810E-0
237	0.20	0.000	0.207	0.2344	0.0000	.0000E+00	.0000E+00	0.0395	.1117E-02	.3645E-03	0.0009	.5471E-06	.2786E-0
238	0.00	0.000	0.181	0.2042	0.0000	.0000E+00	.0000E+00	0.0357	.1009E-02	.3372E-03	0.0009	.5372E-06	.2761E-0
239	0.42	0.000	0.117	0.2547	0.0000	.0000E+00	.0000E+00	0.0322	.9099E-03	.3118E-03	0.0009	.5269E-06	.2734E-0
240	0.00	0.000	0.223	0.2175	0.0000	.0000E+00	.0000E+00	0.0290	.8203E-03	.2882E-03	0.0009	.5163E-06	.2707E-0
241	0.00	0.000	0.206	0.1832	0.0000	.0000E+00	.0000E+00	0.0261	.7390E-03	.2662E-03	0.0009	.5056E-06	.2678E-0
242	0.02	0.000	0.128	0.1652	0.0000	.0000E+00	.0000E+00	0.0235	.6654E-03	.2458E-03	0.0009	.4947E-06	.2649E-0
243	0.00	0.000	0.147	0.1407	0.0000	.0000E+00	.0000E+00	0.0212	.5986E-03	.2268E-03	0.0009	.4837E-06	.2620E-0
244	0.00	0.000	0.034	0.1350	0.0000	.0000E+00	.0000E+00	0.0190	.5381E-03	.2091E-03	0.0009	.4728E-06	.2590E-0
245	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0171	.4834E-03	.1928E-03	0.0008	.4618E-06	.2560E-0
246	0.20	0.000	0.050	0.1599	0.0000	.0000E+00	.0000E+00	0.0153	.4339E-03	.1776E-03	0.0008	.4509E-06	.2529E-0
247	0.00	0.000	0.064	0.1493	0.0000	.0000E+00	.0000E+00	0.0138	.3891E-03	.1634E-03	0.0008	.4400E-06	.2499E-0
248	0.08	0.000	0.104	0.1453	0.0000	.0000E+00	.0000E+00	0.0123	.3487E-03	.1504E-03	0.0008	.4293E-06	.2468E-0
249	0.06	0.000	0.070	0.1435	0.0000	.0000E+00	.0000E+00	0.0110	.3122E-03	.1382E-03	0.0008	.4187E-06	.2438E-0
250	0.00	0.000	0.035	0.1377	0.0000	.0000E+00	.0000E+00	0.0099	.2792E-03	.1270E-03	0.0008	.4082E-06	.2407E-0
251	1.95	0.344	0.157	0.3792	0.0000	.0000E+00	.0000E+00	0.0088	.2495E-03	.1166E-03	0.0008	.3980E-06	.2377E-0
252	0.09	0.000	0.111	0.3717	2.0515	.0000E+00	.2443E-01	0.0321	.9078E-03	.3013E-03	0.0007	.3272E-06	.2155E-0
253	0.15	0.000	0.119	0.3714	2.6021	.0000E+00	.3229E-01	0.1002	.2832E-02	.7369E-03	0.0006	.2023E-06	.1695E-0
254	0.01	0.000	0.206	0.3334	2.3632	.0000E+00	.3176E-01	0.1742	.4927E-02	.1128E-02	0.0004	.1179E-06	.1295E-0
255	0.38	0.000	0.135	0.3691	2.1004	.0000E+00	.3118E-01	0.2405	.6800E-02	.1443E-02	0.0002	.3387E-07	.7359E-0
256	0.04	0.000	0.132	0.3485	2.2748	.0000E+00	.3156E-01	0.3005	.8497E-02	.1711E-02	0.0003	.4825E-07	.9729E-0
257	0.02	0.000	0.157	0.3204	2.2129	.0000E+00	.3142E-01	0.3559	.1006E-01	.1948E-02	0.0002	.1827E-07	.5113E-0
258	0.39	0.000	0.140	0.3570	1.9950	.0000E+00	.3094E-01	0.4059	.1148E-01	.2154E-02	0.0001	.7739E-08	.3337E-0
259	0.00	0.000	0.138	0.3289	1.8641	.0000E+00	.3065E-01	0.4507	.1274E-01	.2334E-02	0.0000	.1231E-08	.1385E-0
260	0.00	0.000	0.109	0.3056	1.7891	.0000E+00	.3049E-01	0.4911	.1388E-01	.2493E-02	0.0000	.1101E-08	.1011E-0
261	0.00	0.000	0.142	0.2770	1.6003	.0000E+00	.3007E-01	0.5274	.1491E-01	.2633E-02	0.0000	.1391E-09	.2224E-0
262	0.00	0.000	0.139	0.2489	1.4056	.0000E+00	.2964E-01	0.5595	.1582E-01	.2755E-02	0.0000	.0000E+00	.0000E+0
263	0.74	0.003	0.125	0.3460	1.2206	.0000E+00	.2923E-01	0.5879	.1662E-01	.2862E-02	0.0000	.0000E+00	.0000E+0
264	0.00	0.000	0.129	0.3197	1.0409	.0000E+00	.2883E-01	0.6129	.1733E-01	.2955E-02	0.0000	.0000E+00	.0000E+0
265	0.00	0.000	0.092	0.2996	1.1410	.0000E+00	.2905E-01	0.6354	.1796E-01	.3038E-02	0.0000	.0000E+00	.0000E+0
266	0.00	0.000	0.128	0.2734	1.0546	.0000E+00	.2886E-01	0.6561	.1855E-01	.3114E-02	0.0000	.0000E+00	.0000E+0
267	0.00	0.000	0.123	0.2481	0.8966	.0000E+00	.2851E-01	0.6745	.1907E-01	.3181E-02	0.0000	.0000E+00	.0000E+0
268	0.00	0.000	0.102	0.2265	0.7486	.0000E+00	.2819E-01	0.6905	.1952E-01	.3239E-02	0.0000	.0000E+00	.0000E+0
269	0.00	0.000	0.093	0.2064	0.6047	.0000E+00	.2787E-01	0.7043	.1991E-01	.3289E-02	0.0000	.0000E+00	.0000E+0
270	0.00	0.000	0.115	0.1826	0.4617	.0000E+00	.2755E-01	0.7161	.2025E-01	.3331E-02	0.0000	.0000E+00	.0000E+0
271	0.00	0.000	0.115	0.1598	0.2219	.0000E+00	.2117E-01	0.7201	.2036E-01	.3345E-02	0.0000	.0000E+00	.0000E+0
272	0.00	0.000	0.099	0.1434	0.0000	.0000E+00	.0000E+00	0.6925	.1958E-01	.3246E-02	0.0000	.3223E-09	.6993E-0
273	1.04	0.034	0.090	0.2961	0.0000	.0000E+00	.0000E+00	0.6331	.1790E-01	.3030E-02	0.0001	.8630E-08	.3540E-0
274	0.00	0.000	0.095	0.2780	0.1412	.0000E+00	.1358E-01	0.5921	.1674E-01	.2878E-02	0.0001	.1052E-07	.4181E-0
275	0.00	0.000	0.114	0.2546	0.2136	.0000E+00	.2700E-01	0.5897	.1667E-01	.2869E-02	0.0002	.2595E-07	.7737E-0

276		0.00	0.000	0.100	0.2335	0.1134	.0000E+00	.2678E-01	0.6089	.1722E-01	.2940E-02	0.0002	.2597E-07	.6112E-0
277		0.00	0.000	0.106	0.2151	0.0068	.0000E+00	.5042E-02	0.6045	.1709E-01	.2924E-02	0.0002	.3252E-07	.6835E-0
278		0.00	0.000	0.081	0.2015	0.0000	.0000E+00	.0000E+00	0.5606	.1585E-01	.2759E-02	0.0003	.5649E-07	.8992E-0
279		0.00	0.000	0.102	0.1845	0.0000	.0000E+00	.0000E+00	0.5121	.1448E-01	.2574E-02	0.0002	.4435E-07	.8408E-0
280		0.00	0.000	0.074	0.1722	0.0000	.0000E+00	.0000E+00	0.4677	.1323E-01	.2401E-02	0.0004	.1113E-06	.1280E-0
281		0.00	0.000	0.092	0.1569	0.0000	.0000E+00	.0000E+00	0.4271	.1208E-01	.2240E-02	0.0005	.1477E-06	.1470E-0
282		0.00	0.000	0.084	0.1429	0.0000	.0000E+00	.0000E+00	0.3898	.1102E-01	.2088E-02	0.0005	.1847E-06	.1640E-0
283		0.00	0.000	0.047	0.1350	0.0000	.0000E+00	.0000E+00	0.3557	.1006E-01	.1947E-02	0.0006	.2216E-06	.2250E-0
284		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3245	.9175E-02	.1815E-02	0.0006	.2703E-06	.1960E-0
285		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2959	.8367E-02	.1691E-02	0.0007	.3035E-06	.2077E-0
286		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2697	.7627E-02	.1576E-02	0.0007	.3344E-06	.2180E-0
287		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2458	.6950E-02	.1468E-02	0.0007	.3627E-06	.2270E-0
288		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2239	.6331E-02	.1367E-02	0.0008	.3882E-06	.2348E-0
289		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2039	.5765E-02	.1273E-02	0.0008	.4109E-06	.2416E-0
290		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1856	.5248E-02	.1184E-02	0.0008	.4308E-06	.2473E-0
291		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1689	.4775E-02	.1102E-02	0.0008	.4479E-06	.2522E-0
292		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1536	.4343E-02	.1025E-02	0.0008	.4625E-06	.2562E-0
293		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1397	.3949E-02	.9534E-03	0.0009	.4745E-06	.2595E-0
294		0.38	0.000	0.046	0.1907	0.0000	.0000E+00	.0000E+00	0.1269	.3589E-02	.8864E-03	0.0009	.4841E-06	.2621E-0
295	*	0.18	0.000	0.047	0.1939	0.0000	.0000E+00	.0000E+00	0.1153	.3260E-02	.8238E-03	0.0009	.4916E-06	.2641E-0
296	*	0.16	0.000	0.030	0.1972	0.0000	.0000E+00	.0000E+00	0.1047	.2960E-02	.7654E-03	0.0004	.2506E-06	.1996E-0
297		0.98	0.109	0.000	0.3796	0.0000	.0000E+00	.0000E+00	0.0950	.2686E-02	.7108E-03	0.0009	.4972E-06	.2663E-0
298		0.00	0.000	0.036	0.3685	2.1632	.0000E+00	.3131E-01	0.1173	.3316E-02	.8323E-03	0.0009	.4609E-06	.2542E-0
299		0.00	0.000	0.038	0.3568	2.6127	.0000E+00	.3231E-01	0.1889	.5340E-02	.1199E-02	0.0008	.3573E-06	.2203E-0
300		0.00	0.000	0.043	0.3443	2.4810	.0000E+00	.3202E-01	0.2556	.7226E-02	.1512E-02	0.0006	.2545E-06	.1860E-0
301		0.00	0.000	0.062	0.3287	2.3205	.0000E+00	.3166E-01	0.3158	.8928E-02	.1777E-02	0.0005	.1834E-06	.1580E-0
302		0.00	0.000	0.062	0.3132	2.1109	.0000E+00	.3120E-01	0.3698	.1046E-01	.2006E-02	0.0005	.1339E-06	.1350E-0
303		0.00	0.000	0.057	0.2986	1.9319	.0000E+00	.3080E-01	0.4182	.1182E-01	.2204E-02	0.0004	.9922E-07	.1163E-0
304		0.00	0.000	0.050	0.2852	1.7721	.0000E+00	.3045E-01	0.4615	.1305E-01	.2377E-02	0.0003	.7481E-07	.1258E-0
305		0.00	0.000	0.063	0.2696	1.6100	.0000E+00	.3009E-01	0.5002	.1414E-01	.2528E-02	0.0003	.5164E-07	.8594E-0
306		0.00	0.000	0.057	0.2551	1.4472	.0000E+00	.2973E-01	0.5348	.1512E-01	.2661E-02	0.0003	.4120E-07	.7682E-0
307		0.00	0.000	0.057	0.2407	1.2876	.0000E+00	.2938E-01	0.5655	.1599E-01	.2778E-02	0.0002	.3402E-07	.6987E-0
308		0.00	0.000	0.044	0.2286	1.1317	.0000E+00	.2903E-01	0.5928	.1676E-01	.2880E-02	0.0002	.2924E-07	.6481E-0
309		0.00	0.000	0.053	0.2149	0.9625	.0000E+00	.2866E-01	0.6169	.1744E-01	.2970E-02	0.0002	.2625E-07	.6146E-0
310		0.33	0.000	0.067	0.2540	0.8301	.0000E+00	.2837E-01	0.6380	.1804E-01	.3048E-02	0.0001	.1169E-07	.4412E-0
311		0.00	0.000	0.067	0.2381	0.6919	.0000E+00	.2806E-01	0.6567	.1857E-01	.3116E-02	0.0002	.2496E-07	.5912E-0
312		0.00	0.000	0.049	0.2254	0.5542	.0000E+00	.2776E-01	0.6730	.1903E-01	.3176E-02	0.0002	.2508E-07	.5940E-0
313		0.00	0.000	0.041	0.2140	0.4201	.0000E+00	.2746E-01	0.6871	.1943E-01	.3227E-02	0.0002	.2612E-07	.6074E-0
314		0.00	0.000	0.040	0.2029	0.2881	.0000E+00	.2717E-01	0.6994	.1977E-01	.3271E-02	0.0002	.2800E-07	.7956E-0
315		0.05	0.000	0.055	0.1976	0.1577	.0000E+00	.2688E-01	0.7098	.2007E-01	.3308E-02	0.0002	.3108E-07	.6691E-0
316		0.00	0.000	0.051	0.1866	0.0333	.0000E+00	.1548E-01	0.7076	.2001E-01	.3301E-02	0.0002	.3882E-07	.7473E-0
317		0.00	0.000	0.052	0.1779	0.0000	.0000E+00	.0000E+00	0.6718	.1900E-01	.3171E-02	0.0003	.6192E-07	.9422E-0
318		0.44	0.000	0.055	0.2420	0.0000	.0000E+00	.0000E+00	0.6141	.1736E-01	.2960E-02	0.0004	.1023E-06	.1209E-0
319		0.00	0.000	0.047	0.2342	0.0000	.0000E+00	.0000E+00	0.5612	.1587E-01	.2762E-02	0.0005	.1473E-06	.1450E-0
320		0.00	0.000	0.052	0.2255	0.0000	.0000E+00	.0000E+00	0.5127	.1450E-01	.2577E-02	0.0005	.1948E-06	.1666E-0
321		0.00	0.000	0.062	0.2151	0.0000	.0000E+00	.0000E+00	0.4683	.1324E-01	.2404E-02	0.0006	.2430E-06	.1860E-0
322		0.00	0.000	0.053	0.2063	0.0000	.0000E+00	.0000E+00	0.4276	.1209E-01	.2242E-02	0.0007	.2904E-06	.2033E-0
323		0.57	0.000	0.060	0.2913	0.0000	.0000E+00	.0000E+00	0.3903	.1104E-01	.2090E-02	0.0007	.3359E-06	.2185E-0
324		0.11	0.000	0.059	0.2980	0.0089	.0000E+00	.1122E-01	0.3673	.1039E-01	.1996E-02	0.0008	.3640E-06	.2275E-0
325		0.00	0.000	0.045	0.2860	0.0104	.0000E+00	.2655E-01	0.3795	.1073E-01	.2046E-02	0.0007	.3460E-06	.2218E-0
326		0.00	0.000	0.033	0.2760	0.0161	.0000E+00	.2657E-01	0.4154	.1174E-01	.2193E-02	0.0007	.3015E-06	.2071E-0
327		0.02	0.000	0.048	0.2693	0.0054	.0000E+00	.1200E-01	0.4338	.1226E-01	.2267E-02	0.0007	.2817E-06	.2002E-0
328		0.00	0.000	0.034	0.2627	0.0039	.0000E+00	.5166E-02	0.4204	.1189E-01	.2213E-02	0.0003	.1494E-06	.1546E-0
329		0.01	0.000	0.048	0.2557	0.0022	.0000E+00	.3841E-02	0.3958	.1119E-01	.2113E-02	0.0007	.3178E-06	.2138E-0
330		0.03	0.000	0.060	0.2506	0.0013	.0000E+00	.7452E-03	0.3681	.1041E-01	.1999E-02	0.0007	.3504E-06	.2246E-0
331		0.01	0.000	0.053	0.2430	0.0012	.0000E+00	.2968E-02	0.3400	.9614E-02	.1881E-02	0.0008	.3843E-06	.2947E-0
332		0.00	0.000	0.034	0.2371	0.0021	.0000E+00	.1525E-02	0.3164	.8946E-02	.1780E-02	0.0004	.2144E-06	.1850E-0
333	*	0.03	0.000	0.030	0.2371	0.0000	.0000E+00	.0000E+00	0.2909	.8226E-02	.1670E-02	0.0008	.4458E-06	.2530E-0
334		0.00	0.000	0.033	0.2315	0.0000	.0000E+00	.0000E+00	0.2652	.7499E-02	.1555E-02	0.0009	.4756E-06	.3274E-0
335	*	0.06	0.000	0.039	0.2348	0.0000	.0000E+00	.0000E+00	0.2417	.6833E-02	.1449E-02	0.0004	.2607E-06	.2037E-0
336		0.00	0.000	0.035	0.2293	0.0000	.0000E+00	.0000E+00	0.2201	.6224E-02	.1349E-02	0.0009	.5313E-06	.2759E-0
337		0.00	0.000	0.033	0.2237	0.0000	.0000E+00	.0000E+00	0.2004	.5667E-02	.1256E-02	0.0009	.5529E-06	.3516E-0
338	*	0.00	0.000	0.029	0.2190	0.0000	.0000E+00	.0000E+00	0.1824	.5158E-02	.1169E-02	0.0009	.5796E-06	.2868E-0
339	*	0.25	0.000	0.029	0.2223	0.0000	.0000E+00	.0000E+00	0.1660	.4693E-02	.1088E-02	0.0010	.5933E-06	.2902E-0
340	*	0.13	0.000	0.019	0.2255	0.0000	.0000E+00	.0000E+00	0.1510	.4268E-02	.1012E-02	0.0010	.6040E-06	.2928E-0
341	*	0.07	0.000	0.019	0.2288	0.0000	.0000E+00	.0000E+00	0.1372	.3880E-02	.9408E-03	0.0005	.3059E-06	.2215E-0
342	*	0.00	0.000	0.023	0.2321	0.0000	.0000E+00	.0000E+00	0.1247	.3526E-02	.8746E-03	0.0010	.6125E-06	.2956E-0
343	*	0.00	0.000	0.022	0.2354	0.0000	.0000E+00	.0000E+00	0.1133	.3203E-02	.8128E-03	0.0010	.6134E-06	.3701E-0
344	*	0.00	0.000	0.032	0.2387	0.0000	.0000E+00	.0000E+00	0.1028	.2908E-02	.7551E-03	0.0010	.6210E-06	.2968E-0
345		0.39	0.000	0.000	0.3295	0.0000	.0000E+00	.0000E+00	0.0933	.2639E-02	.7013E-03	0.0010	.6199E-06	.2966E-0
346		0.03	0.000	0.044	0.3278	0.6925	.0000E+00	.2806E-01	0.1125	.3181E-02	.8067E-03	0.0009	.5554E-06	.2807E-0
347	*	0.02	0.000	0.042	0.3194	0.8095	.0000E+00	.2832E-01	0.1753	.4957E-02	.1133E-02	0.0004	.2111E-06	.1833E-0
348		0.00	0.000	0.032	0.3094	0.8594	.0000E+00	.2843E-01	0.2332	.6595E-02	.1410E-02	0.0008	.3563E-06	.2213E-0
349	*	0.00	0.000	0.029	0.2999	0.8461	.0000E+00	.2840E-01	0.2863	.8096E-02	.1649E-02	0.0007	.2762E-06	.1950E-0
350		0.00	0.000	0.034	0.2897	0.7266	.0000E+00	.2814E-01	0.3346	.9461E-02	.1858E-02	0.0006	.2171E-06	.1730E-0
351	*	0.24	0.000	0.031	0.2883	0.5944	.0000E+00	.2785E-01	0.3781	.1069E-01	.2040E-02	0.0005	.1735E-06	.1548E-0
352	*	0.00	0.000	0.031	0.2870	0.4665	.0000E+00	.2756E-01	0.4171	.1179E-01	.2200E-02	0.0005	.1412E-06	.1397E-0
353	* *	1.28	0.000	0.029	0.2824	0.3400	.0000E+00	.2728E-01	0.4521	.1278E-01	.2340E-02	0.0004	.1172E-06	.1274E-0
354	* *	0.00	0.000	0.032	0.2779	0.2147	.0000E+00	.2701E-01	0.4835	.1367E-01	.2463E-02	0.0004	.1000E-06	.1466E-0
355	* *	0.00	0.000	0.036	0.2735	0.0908	.0000E+00	.2673E-01	0.5115	.1446E-01	.2572E-02	0.0002	.3997E-07	.8050E-0
356	*	0.38	0.069	0.000	0.3088	0.0035	.0000E+00	.3007E-02	0.5132	.1451E-01	.2578E-02	0.0004	.8499E-07	.1101E-0
357	*	0.00	0.009	0.028	0.3204	0.0000	.0000E+00	.0000E+00	0.4735	.1339E-01	.2424E-02	0.0004	.1063E-06	.1250E-0
358	*	0.06	0.200	0.000	0.3492	0.0000	.0000E+00	.0000E+00	0.4324	.1223E-01	.2261E-02	0.0005	.1411E-06	.1437E-0
359	*	0.00	0.287	0.000	0.3718	0.0000	.0000E+00	.0000E+00	0.3947	.1116E-01	.2108E-02	0.0005	.1780E-06	.1610E-0
360	*	0.00	0.388	0.000	0.3892	0.0000	.0000E+00	.0000E+00	0.3602	.1018E-01	.1966E-02	0.0006	.2147E-06	.1765E-0
361	* *	0.42	0.000	0.027	0.3892	0.0000	.0000E+00	.0000E+00	0.3286	.9291E-02	.1832E-02	0.0006	.2503E-06	.1903E-0
362	* *	0.00	0.000	0.028	0.3892	0.0000	.0000E+00	.0000E+00	0.2996	.8472E-02	.1708E-02	0.0007	.2840E-06	.2539E-0
363	* *	0.00	0.000	0.027	0.3892	0.0000	.0000E+00	.0000E+00	0.2732	.7724E-02	.1591E-02	0.0007	.3282E-06	.2160E-0
364	* *	0.00	0.000	0.028	0.3892	0.0000	.0000E+00	.0000E+00	0.2489	.7039E-02	.1482E-02	0.0007	.3568E-06	.2252E-0
365	* *	0.37	0.000	0.027	0.3892	0.0000	.0000E+00	.0000E+00	0.2268	.6412E-02	.1380E-02	0.0008	.3827E-06	.2332E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 3

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	2.76	3.82	2.55	4.24	6.94	5.80
	4.57	2.30	5.15	1.70	1.60	3.70
RUNOFF	5.663	0.793	0.087	0.219	0.365	0.969
	0.585	0.023	0.382	0.109	0.000	0.954
EVAPOTRANSPIRATION	0.877	1.439	2.530	3.109	6.355	5.404
	3.703	2.243	3.251	1.365	1.504	0.784
PERCOLATION/LEAKAGE THROUGH	0.6938	1.0074	1.0806	0.3851	0.8545	0.3558
LAYER 2	0.2940	0.0000	0.5837	0.2922	0.4187	0.2808
LATERAL DRAINAGE COLLECTED	0.5044	0.7951	0.9497	0.5790	0.5447	0.4172
FROM LAYER 3	0.2707	0.1181	0.3130	0.2796	0.4304	0.2451
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0868	0.1210	0.1422	0.0945	0.0922	0.0738
LAYER 4	0.0530	0.0272	0.0555	0.0542	0.0762	0.0492
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0008	0.0131	0.0939	0.1433	0.0919	0.1011
LAYER 7	0.0859	0.0852	0.0283	0.0561	0.0445	0.0672

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.661	4.273	3.765	0.478	2.015	0.864
TOP OF LAYER 2	0.808	0.000	0.988	0.512	0.316	0.182
STD. DEVIATION OF DAILY	1.757	0.981	1.089	0.719	1.419	1.458
HEAD ON TOP OF LAYER 2	1.378	0.000	0.908	0.937	0.503	0.307
AVERAGE DAILY HEAD ON	0.575	1.004	1.084	0.683	0.621	0.492
TOP OF LAYER 4	0.309	0.135	0.369	0.319	0.507	0.280
STD. DEVIATION OF DAILY	0.142	0.072	0.022	0.307	0.142	0.207
HEAD ON TOP OF LAYER 4	0.151	0.110	0.283	0.168	0.139	0.133
AVERAGE DAILY HEAD ON	0.000	0.000	0.001	0.002	0.001	0.001
TOP OF LAYER 7	0.001	0.001	0.000	0.001	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 3

	INCHES	CU. FEET	PERCENT
PRECIPITATION	45.13	409554.750	100.00
RUNOFF	10.148	92092.891	22.49
EVAPOTRANSPIRATION	32.564	295521.906	72.16
PERC./LEAKAGE THROUGH LAYER 2	6.246418	56686.246	13.84
AVG. HEAD ON TOP OF LAYER 2	1.3218		
DRAINAGE COLLECTED FROM LAYER 3	5.4470	49431.723	12.07
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.925678	8400.524	2.05
AVG. HEAD ON TOP OF LAYER 4	0.5315		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.564	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.811217	7361.799	1.80
AVG. HEAD ON TOP OF LAYER 7	0.0007		
CHANGE IN WATER STORAGE	-3.841	-34855.262	-8.51
SOIL WATER AT START OF YEAR	285.388	2589899.250	

SOIL WATER AT END OF YEAR	284.851	2585019.500	
SNOW WATER AT START OF YEAR	4.039	36652.012	8.95
SNOW WATER AT END OF YEAR	0.736	6676.281	1.63
ANNUAL WATER BUDGET BALANCE	0.0000	0.150	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 4

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1	*	*	0.07	0.000	0.000	0.3892	0.0000	.0000E+00	.0000E+00	0.2065	.5839E-02	.1285E-02	0.0008	.4058E-06	.2401E-0
2	*	*	0.00	0.000	0.041	0.3892	0.0000	.0000E+00	.0000E+00	0.1880	.5316E-02	.1196E-02	0.0008	.4261E-06	.2460E-0
3	*	*	0.00	0.000	0.030	0.3892	0.0000	.0000E+00	.0000E+00	0.1711	.4837E-02	.1113E-02	0.0004	.2234E-06	.1886E-0
4	*	*	0.00	0.000	0.041	0.3892	0.0000	.0000E+00	.0000E+00	0.1556	.4400E-02	.1035E-02	0.0008	.4514E-06	.2541E-0
5	*	*	0.07	0.000	0.036	0.3892	0.0000	.0000E+00	.0000E+00	0.1415	.4000E-02	.9629E-03	0.0008	.4646E-06	.2577E-0
6		*	0.00	0.240	0.008	0.3997	0.0000	.0000E+00	.0000E+00	0.1286	.3636E-02	.8952E-03	0.0009	.4754E-06	.2606E-0
7		*	0.00	0.182	0.019	0.4065	0.0000	.0000E+00	.0000E+00	0.1168	.3303E-02	.8320E-03	0.0009	.4839E-06	.3283E-0
8		*	0.00	0.123	0.037	0.4088	0.0000	.0000E+00	.0000E+00	0.1061	.2999E-02	.7731E-03	0.0009	.4945E-06	.2649E-0
9		*	0.00	0.000	0.000	0.4088	0.0000	.0000E+00	.0000E+00	0.0963	.2722E-02	.7180E-03	0.0009	.4984E-06	.2660E-0
10		*	0.00	0.000	0.000	0.4088	0.0000	.0000E+00	.0000E+00	0.0873	.2469E-02	.6667E-03	0.0004	.2503E-06	.2003E-0
11		*	0.00	0.000	0.000	0.4088	0.0000	.0000E+00	.0000E+00	0.0792	.2239E-02	.6188E-03	0.0009	.4988E-06	.2667E-0
12	*	*	0.00	0.000	0.000	0.4088	0.0000	.0000E+00	.0000E+00	0.0718	.2029E-02	.5741E-03	0.0009	.4985E-06	.2665E-0
13	*	*	0.00	0.000	0.000	0.4088	0.0000	.0000E+00	.0000E+00	0.0650	.1838E-02	.5325E-03	0.0009	.4947E-06	.3321E-0
14	*	*	0.55	0.000	0.037	0.4088	0.0000	.0000E+00	.0000E+00	0.0589	.1664E-02	.4936E-03	0.0009	.4952E-06	.2651E-0
15	*	*	0.67	0.000	0.032	0.4088	0.0000	.0000E+00	.0000E+00	0.0533	.1506E-02	.4575E-03	0.0009	.4911E-06	.2640E-0
16	*	*	0.10	0.000	0.027	0.4088	0.0000	.0000E+00	.0000E+00	0.0482	.1362E-02	.4238E-03	0.0004	.2431E-06	.1974E-0
17	*	*	0.00	0.000	0.025	0.4088	0.0000	.0000E+00	.0000E+00	0.0435	.1231E-02	.3924E-03	0.0009	.4804E-06	.2615E-0
18	*	*	0.01	0.000	0.021	0.4088	0.0000	.0000E+00	.0000E+00	0.0393	.1112E-02	.3631E-03	0.0009	.4744E-06	.2598E-0
19	*	*	0.00	0.000	0.029	0.4088	0.0000	.0000E+00	.0000E+00	0.0355	.1003E-02	.3359E-03	0.0009	.4677E-06	.2580E-0
20	*	*	0.00	0.000	0.031	0.4088	0.0000	.0000E+00	.0000E+00	0.0320	.9052E-03	.3106E-03	0.0008	.4606E-06	.2560E-0
21	*	*	0.00	0.000	0.033	0.4088	0.0000	.0000E+00	.0000E+00	0.0289	.8161E-03	.2871E-03	0.0008	.4531E-06	.2539E-0
22	*	*	0.98	0.000	0.026	0.4088	0.0000	.0000E+00	.0000E+00	0.0260	.7352E-03	.2652E-03	0.0008	.4433E-06	.3140E-0
23	*	*	0.10	0.000	0.000	0.4088	0.0000	.0000E+00	.0000E+00	0.0234	.6619E-03	.2448E-03	0.0008	.4360E-06	.2488E-0
24	*	*	0.10	0.000	0.000	0.4088	0.0000	.0000E+00	.0000E+00	0.0211	.5954E-03	.2259E-03	0.0008	.4276E-06	.2463E-0
25		*	0.02	0.000	0.000	0.4088	0.0000	.0000E+00	.0000E+00	0.0189	.5353E-03	.2083E-03	0.0008	.4190E-06	.2439E-0
26		*	0.00	0.144	0.023	0.4134	0.0000	.0000E+00	.0000E+00	0.0170	.4808E-03	.1920E-03	0.0008	.4104E-06	.2413E-0
27		*	0.00	0.560	0.000	0.4222	0.0000	.0000E+00	.0000E+00	0.0153	.4316E-03	.1768E-03	0.0008	.4017E-06	.2388E-0
28		*	0.00	0.233	0.010	0.4276	0.0000	.0000E+00	.0000E+00	0.0137	.3870E-03	.1628E-03	0.0008	.3929E-06	.2362E-0
29		*	0.00	0.629	0.000	0.4341	0.0000	.0000E+00	.0000E+00	0.0123	.3468E-03	.1497E-03	0.0008	.3842E-06	.2335E-0
30		*	0.00	0.485	0.013	0.4376	0.0000	.0000E+00	.0000E+00	0.0110	.3104E-03	.1377E-03	0.0008	.3756E-06	.2309E-0
31		*	0.15	0.121	0.007	0.4412	0.0000	.0000E+00	.0000E+00	0.0098	.2777E-03	.1265E-03	0.0008	.3670E-06	.2282E-0
32		*	0.24	0.212	0.007	0.4447	0.0000	.0000E+00	.0000E+00	0.0088	.2481E-03	.1161E-03	0.0004	.1807E-06	.1695E-0
33		*	0.00	0.000	0.000	0.4447	0.0000	.0000E+00	.0000E+00	0.0078	.2215E-03	.1065E-03	0.0007	.3517E-06	.2236E-0
34		*	0.12	0.096	0.007	0.4476	0.0000	.0000E+00	.0000E+00	0.0070	.1975E-03	.9761E-04	0.0007	.3434E-06	.2209E-0
35		*	0.00	0.000	0.000	0.4476	0.0000	.0000E+00	.0000E+00	0.0062	.1759E-03	.8939E-04	0.0007	.3352E-06	.2182E-0
36		*	1.22	1.194	0.007	0.4507	0.0000	.0000E+00	.0000E+00	0.0055	.1566E-03	.8181E-04	0.0007	.3272E-06	.2156E-0
37	*	*	0.28	0.000	0.035	0.4507	0.0000	.0000E+00	.0000E+00	0.0049	.1391E-03	.7479E-04	0.0007	.3193E-06	.2658E-0
38	*	*	0.01	0.000	0.000	0.4507	0.0000	.0000E+00	.0000E+00	0.0044	.1235E-03	.6832E-04	0.0007	.3099E-06	.2097E-0
39	*	*	0.00	0.000	0.026	0.4507	0.0000	.0000E+00	.0000E+00	0.0039	.1095E-03	.6235E-04	0.0003	.1512E-06	.1557E-0
40	*	*	0.00	0.000	0.031	0.4507	0.0000	.0000E+00	.0000E+00	0.0034	.9699E-04	.5685E-04	0.0007	.2966E-06	.2053E-0
41	*	*	0.00	0.000	0.028	0.4507	0.0000	.0000E+00	.0000E+00	0.0030	.8577E-04	.5178E-04	0.0007	.2893E-06	.2027E-0
42		*	0.00	0.124	0.046	0.4507	0.0000	.0000E+00	.0000E+00	0.0027	.7574E-04	.4711E-04	0.0007	.2822E-06	.2002E-0
43		*	0.00	0.000	0.000	0.4507	0.0000	.0000E+00	.0000E+00	0.0024	.6679E-04	.4282E-04	0.0007	.2753E-06	.1977E-0
44		*	0.00	0.000	0.000	0.4507	0.0000	.0000E+00	.0000E+00	0.0021	.5881E-04	.3887E-04	0.0006	.2685E-06	.1953E-0
45		*	0.00	0.000	0.000	0.4507	0.0000	.0000E+00	.0000E+00	0.0018	.5170E-04	.3524E-04	0.0006	.2619E-06	.2407E-0
46		*	0.00	0.000	0.000	0.4507	0.0000	.0000E+00	.0000E+00	0.0016	.4537E-04	.3191E-04	0.0006	.2541E-06	.1899E-0
47			0.13	0.044	0.060	0.4503	3.6905	.0000E+00	.2806E-01	0.0292	.8261E-03	.2716E-03	0.0005	.1886E-06	.1637E-0
48			0.00	0.000	0.075	0.4317	4.6234	.0000E+00	.3675E-01	0.1078	.3048E-02	.7788E-03	0.0004	.8786E-07	.1118E-0
49			0.00	0.000	0.061	0.4155	4.2686	.0000E+00	.3597E-01	0.1926	.5445E-02	.1217E-02	0.0002	.3256E-07	.6810E-0
50			0.33	0.000	0.065	0.4538	4.1118	.0000E+00	.3562E-01	0.2684	.7590E-02	.1569E-02	0.0001	.8130E-08	.3411E-0
51			0.00	0.000	0.071	0.4358	4.6019	.0000E+00	.3671E-01	0.3383	.9566E-02	.1873E-02	0.0000	.8951E-10	.4152E-0
52			0.00	0.000	0.074	0.4175	4.2512	.0000E+00	.3593E-01	0.4033	.1140E-01	.2143E-02	0.0000	.8208E-10	.1709E-0
53			0.00	0.000	0.087	0.3971	3.8956	.0000E+00	.3515E-01	0.4608	.1303E-01	.2374E-02	0.0000	.0000E+00	.0000E+0
54			0.08	0.000	0.068	0.3933	3.6116	.0000E+00	.3452E-01	0.5115	.1446E-01	.2572E-02	0.0000	.0000E+00	.0000E+0
55			0.00	0.000	0.079	0.3745	3.3583	.0000E+00	.3396E-01	0.5564	.1573E-01	.2744E-02	0.0000	.0000E+00	.0000E+0
56			0.00	0.000	0.067	0.3577	3.1055	.0000E+00	.3340E-01	0.5962	.1686E-01	.2893E-02	0.0000	.0000E+00	.0000E+0
57			0.00	0.000	0.068	0.3409	2.8680	.0000E+00	.3287E-01	0.6312	.1785E-01	.3023E-02	0.0000	.0000E+00	.0000E+0
58			0.00	0.000	0.065	0.3246	2.6625	.0000E+00	.3242E-01	0.6620	.1872E-01	.3136E-02	0.0000	.0000E+00	.0000E+0
59			0.00	0.000	0.071	0.3074	2.4585	.0000E+00	.3197E-01	0.6890	.1948E-01	.3234E-02	0.0000	.0000E+00	.0000E+0
60			0.83	0.019	0.064	0.4266	2.3469	.0000E+00	.3172E-01	0.7129	.2016E-01	.3319E-02	0.0000	.0000E+00	.0000E+0

61		0.21	0.000	0.070	0.4440	3.9221	.0000E+00	.3520E-01	0.7378	.2086E-01	.3408E-02	0.0000	.0000E+00	.0000E+0
62	*	0.09	0.000	0.048	0.4412	4.3599	.0000E+00	.3617E-01	0.7672	.2169E-01	.3513E-02	0.0000	.0000E+00	.0000E+0
63	*	0.00	0.000	0.075	0.4264	4.2487	.0000E+00	.3593E-01	0.7955	.2249E-01	.3612E-02	0.0000	.0000E+00	.0000E+0
64	*	0.08	0.000	0.046	0.4237	4.0037	.0000E+00	.3538E-01	0.8205	.2320E-01	.3699E-02	0.0000	.0000E+00	.0000E+0
65	*	0.20	0.000	0.000	0.4212	3.9131	.0000E+00	.3518E-01	0.8424	.2382E-01	.3775E-02	0.0000	.0000E+00	.0000E+0
66		0.50	0.179	0.000	0.5010	4.8236	.0000E+00	.3720E-01	0.8642	.2444E-01	.3850E-02	0.0000	.0000E+00	.0000E+0
67		0.00	0.000	0.073	0.4823	5.8074	.0000E+00	.3937E-01	0.8895	.2515E-01	.3937E-02	0.0000	.0000E+00	.0000E+0
68		0.36	0.145	0.064	0.5010	5.7464	.0000E+00	.3924E-01	0.9162	.2591E-01	.4028E-02	0.0000	.0000E+00	.0000E+0
69		0.00	0.000	0.092	0.4791	5.7747	.0000E+00	.3930E-01	0.9405	.2659E-01	.4110E-02	0.0000	.0000E+00	.0000E+0
70	*	0.15	0.000	0.057	0.4760	5.3741	.0000E+00	.3841E-01	0.9620	.2720E-01	.4183E-02	0.0000	.0000E+00	.0000E+0
71		0.00	0.000	0.093	0.4663	5.2284	.0000E+00	.3809E-01	0.9800	.2771E-01	.4243E-02	0.0000	.0000E+00	.0000E+0
72		0.09	0.000	0.078	0.4621	4.9719	.0000E+00	.3752E-01	0.9954	.2814E-01	.4294E-02	0.0000	.0000E+00	.0000E+0
73		0.12	0.000	0.071	0.4641	4.8611	.0000E+00	.3728E-01	1.0084	.2851E-01	.4338E-02	0.0000	.0000E+00	.0000E+0
74		0.31	0.009	0.077	0.4950	5.2516	.0000E+00	.3814E-01	1.0208	.2886E-01	.4379E-02	0.0000	.0000E+00	.0000E+0
75	*	0.00	0.000	0.066	0.4775	5.6543	.0000E+00	.3903E-01	1.0344	.2925E-01	.4424E-02	0.0000	.0000E+00	.0000E+0
76	*	0.00	0.000	0.076	0.4585	5.1822	.0000E+00	.3799E-01	1.0473	.2961E-01	.4467E-02	0.0000	.0000E+00	.0000E+0
77	*	0.23	0.000	0.039	0.4556	4.8515	.0000E+00	.3726E-01	1.0568	.2988E-01	.4498E-02	0.0000	.0000E+00	.0000E+0
78		0.25	0.091	0.019	0.5010	5.3420	.0000E+00	.3834E-01	1.0654	.3012E-01	.4526E-02	0.0000	.0000E+00	.0000E+0
79		0.00	0.000	0.093	0.4789	5.7724	.0000E+00	.3929E-01	1.0759	.3042E-01	.4561E-02	0.0000	.0000E+00	.0000E+0
80		0.00	0.000	0.095	0.4567	5.1895	.0000E+00	.3801E-01	1.0859	.3070E-01	.4593E-02	0.0000	.0000E+00	.0000E+0
81		0.48	0.058	0.118	0.5010	5.1911	.0000E+00	.3801E-01	1.0929	.3090E-01	.4616E-02	0.0000	.0000E+00	.0000E+0
82		0.02	0.000	0.082	0.4842	5.8560	.0000E+00	.3948E-01	1.1009	.3113E-01	.4642E-02	0.0000	.0000E+00	.0000E+0
83		0.00	0.000	0.112	0.4591	5.3382	.0000E+00	.3833E-01	1.1094	.3137E-01	.4670E-02	0.0000	.0000E+00	.0000E+0
84		0.27	0.002	0.071	0.4856	5.0869	.0000E+00	.3778E-01	1.1148	.3152E-01	.4688E-02	0.0000	.0000E+00	.0000E+0
85		0.00	0.000	0.084	0.4653	5.4628	.0000E+00	.3861E-01	1.1197	.3166E-01	.4704E-02	0.0000	.1623E-09	.4499E-0
86	*	0.23	0.000	0.040	0.4622	5.0608	.0000E+00	.3772E-01	1.1247	.3180E-01	.4720E-02	0.0001	.2040E-08	.1749E-0
87		0.00	0.000	0.091	0.4693	4.9792	.0000E+00	.3754E-01	1.1277	.3188E-01	.4730E-02	0.0001	.6471E-08	.3096E-0
88		0.02	0.000	0.097	0.4502	4.9999	.0000E+00	.3759E-01	1.1301	.3195E-01	.4738E-02	0.0001	.1360E-07	.4467E-0
89		0.00	0.000	0.128	0.4227	4.6890	.0000E+00	.3690E-01	1.1318	.3200E-01	.4743E-02	0.0002	.2348E-07	.5853E-0
90		0.00	0.000	0.096	0.4007	4.2657	.0000E+00	.3596E-01	1.1312	.3199E-01	.4741E-02	0.0002	.3647E-07	.7285E-0
91		0.00	0.000	0.083	0.3810	3.8144	.0000E+00	.3497E-01	1.1283	.3190E-01	.4732E-02	0.0003	.5299E-07	.8773E-0
92		0.00	0.000	0.088	0.3606	3.5260	.0000E+00	.3433E-01	1.1233	.3176E-01	.4715E-02	0.0003	.7320E-07	.1030E-0
93		0.02	0.000	0.079	0.3452	3.2243	.0000E+00	.3366E-01	1.1170	.3158E-01	.4695E-02	0.0004	.9692E-07	.1184E-0
94		0.00	0.000	0.136	0.3170	2.9059	.0000E+00	.3296E-01	1.1095	.3137E-01	.4671E-02	0.0004	.1240E-06	.1339E-0
95		0.03	0.000	0.077	0.3037	2.6503	.0000E+00	.3239E-01	1.1009	.3113E-01	.4642E-02	0.0005	.1543E-06	.1492E-0
96		0.00	0.000	0.142	0.2748	2.2324	.0000E+00	.3147E-01	1.0912	.3085E-01	.4611E-02	0.0005	.1875E-06	.1644E-0
97		0.00	0.000	0.112	0.2511	1.8595	.0000E+00	.3064E-01	1.0800	.3054E-01	.4574E-02	0.0006	.2238E-06	.1796E-0
98		0.22	0.000	0.117	0.2632	1.6636	.0000E+00	.3021E-01	1.0679	.3020E-01	.4534E-02	0.0006	.2628E-06	.1944E-0
99		0.00	0.000	0.154	0.2327	1.1914	.0000E+00	.2917E-01	1.0551	.2983E-01	.4492E-02	0.0007	.3075E-06	.2631E-0
100		0.48	0.000	0.153	0.2824	0.9294	.0000E+00	.2859E-01	1.0411	.2944E-01	.4446E-02	0.0004	.1761E-06	.1692E-0
101		0.00	0.000	0.156	0.2517	0.8397	.0000E+00	.2839E-01	1.0271	.2904E-01	.4400E-02	0.0008	.3911E-06	.2369E-0
102		0.00	0.000	0.147	0.2226	0.6920	.0000E+00	.2806E-01	1.0136	.2866E-01	.4355E-02	0.0008	.4353E-06	.2498E-0
103		0.06	0.000	0.150	0.2030	0.5435	.0000E+00	.2773E-01	1.0004	.2829E-01	.4311E-02	0.0009	.4790E-06	.2620E-0
104		0.00	0.000	0.156	0.1724	0.4055	.0000E+00	.2743E-01	0.9874	.2792E-01	.4268E-02	0.0009	.5222E-06	.2735E-0
105		0.35	0.000	0.140	0.2052	0.1386	.0000E+00	.1353E-01	0.9612	.2718E-01	.4180E-02	0.0009	.5783E-06	.3608E-0
106		0.00	0.000	0.116	0.1858	0.0000	.0000E+00	.0000E+00	0.9014	.2549E-01	.3977E-02	0.0010	.7013E-06	.3160E-0
107		0.89	0.018	0.096	0.3151	0.0000	.0000E+00	.0000E+00	0.8247	.2332E-01	.3714E-02	0.0011	.8357E-06	.3448E-0
108		0.30	0.000	0.097	0.3454	0.6376	.0000E+00	.2131E-01	0.7755	.2193E-01	.3542E-02	0.0012	.9236E-06	.3624E-0
109		0.00	0.000	0.151	0.3153	1.4296	.0000E+00	.2969E-01	0.7730	.2186E-01	.3533E-02	0.0012	.9260E-06	.3629E-0
110		0.00	0.000	0.180	0.2805	1.2523	.0000E+00	.2930E-01	0.7838	.2216E-01	.3571E-02	0.0012	.9053E-06	.3588E-0
111		0.00	0.000	0.204	0.2416	1.0368	.0000E+00	.2882E-01	0.7926	.2241E-01	.3602E-02	0.0012	.8900E-06	.3558E-0
112		0.00	0.000	0.170	0.2086	0.8604	.0000E+00	.2843E-01	0.7995	.2261E-01	.3626E-02	0.0012	.8793E-06	.3536E-0
113		0.00	0.000	0.165	0.1765	0.6482	.0000E+00	.2797E-01	0.8048	.2276E-01	.3645E-02	0.0012	.8725E-06	.3523E-0
114		0.00	0.000	0.168	0.1462	0.1765	.0000E+00	.1365E-01	0.7946	.2247E-01	.3609E-02	0.0006	.4459E-06	.2672E-0
115		0.00	0.000	0.067	0.1350	0.0000	.0000E+00	.0000E+00	0.7487	.2117E-01	.3447E-02	0.0012	.9427E-06	.3681E-0
116		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6846	.1936E-01	.3218E-02	0.0013	.1040E-05	.4855E-0
117		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6259	.1770E-01	.3003E-02	0.0007	.5955E-06	.3080E-0
118		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5720	.1617E-01	.2802E-02	0.0014	.1234E-05	.4210E-0
119		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5226	.1478E-01	.2615E-02	0.0014	.1309E-05	.4333E-0
120		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4774	.1350E-01	.2439E-02	0.0015	.1371E-05	.4432E-0
121		0.20	0.000	0.021	0.1648	0.0000	.0000E+00	.0000E+00	0.4359	.1232E-01	.2275E-02	0.0015	.1421E-05	.4510E-0
122		0.00	0.000	0.016	0.1621	0.0000	.0000E+00	.0000E+00	0.3979	.1125E-01	.2122E-02	0.0015	.1459E-05	.4567E-0
123		0.00	0.000	0.024	0.1581	0.0000	.0000E+00	.0000E+00	0.3631	.1027E-01	.1978E-02	0.0015	.1477E-05	.5752E-0
124		0.00	0.000	0.023	0.1543	0.0000	.0000E+00	.0000E+00	0.3313	.9366E-02	.1844E-02	0.0015	.1517E-05	.4637E-0
125		0.00	0.000	0.027	0.1498	0.0000	.0000E+00	.0000E+00	0.3021	.8542E-02	.1718E-02	0.0015	.1523E-05	.4646E-0
126		0.00	0.000	0.026	0.1455	0.0000	.0000E+00	.0000E+00	0.2754	.7787E-02	.1601E-02	0.0015	.1521E-05	.4643E-0
127		0.53	0.000	0.029	0.2289	0.0000	.0000E+00	.0000E+00	0.2510	.7097E-02	.1491E-02	0.0015	.1513E-05	.4631E-0
128		0.05	0.000	0.162	0.2103	0.0000	.0000E+00	.0000E+00	0.2287	.6465E-02	.1389E-02	0.0015	.1500E-05	.4610E-0
129		0.03	0.000	0.032	0.2100	0.0000	.0000E+00	.0000E+00	0.2082	.5888E-02	.1293E-02	0.0015	.1481E-05	.4582E-0
130		0.00	0.000	0.028	0.2052	0.0000	.0000E+00	.0000E+00	0.1896	.5360E-02	.1204E-02	0.0008	.7394E-06	.3422E-0
131		0.18	0.000	0.032	0.2299	0.0000	.0000E+00	.0000E+00	0.1725	.4878E-02	.1120E-02	0.0015	.1433E-05	.5633E-0
132		0.00	0.000	0.243	0.1894	0.0000	.0000E+00	.0000E+00	0.1569	.4437E-02	.1042E-02	0.0015	.1405E-05	.4463E-0
133		0.23	0.000	0.034	0.2221	0.0000	.0000E+00	.0000E+00	0.1427	.4034E-02	.9691E-03	0.0015	.1375E-05	.4414E-0
134		0.01	0.000	0.033	0.2183	0.0000	.0000E+00	.0000E+00	0.1297	.3666E-02	.9010E-03	0.0014	.1343E-05	.4363E-0
135		0.01	0.000	0.032	0.2146	0.0000	.0000E+00	.0000E+00	0.1178	.3331E-02	.8374E-03	0.0014	.1310E-05	.4308E-0
136		0.00	0.000	0.029	0.2098	0.0000	.0000E+00	.0000E+00	0.1070	.3025E-02	.7781E-03	0.0014	.1276E-05	.4252E-0
137		0.52	0.000	0.032	0.2911	0.0000	.0000E+00	.0000E+00	0.0971	.2745E-02	.7227E-03	0.0014	.1241E-05	.4194E-0
138		0.02	0.000	0.202	0.2607	0.0000	.0000E+00	.0000E+00	0.0881	.2491E-02	.6711E-03	0.0014	.1206E-05	.4135E-0
139		0.00	0.000	0.179	0.2309	0.0005	.0000E+00	.0000E+00	0.0799	.2258E-02	.6229E-03	0.0013	.1171E-05	.4075E-0
140		1.40	0.152	0.213	0.4021	0.1250	.0000E+00	.6909E-02	0.0792	.2241E-02	.6191E-03	0.0007	.5569E-06	.2990E-0
141		0.66	0.050	0.162	0.4710	3.5652	.0000E+00	.3441E-01	0.1171	.3310E-02	.8306E-03	0.0013	.1003E-05	.3743E-0
142		0.00	0.000	0.217	0.4286	4.8075	.0000E+00	.3716E-01	0.1985	.5612E-02	.1245E-02	0.0011	.7945E-06	.3302E-0
143		0.00	0.000	0.242	0.3824	4.0022	.0000E+00	.3538E-01	0.2755	.7790E-02	.1601E-02	0.0010	.6037E-06	.2880E-0
144		0.00	0.000	0.273	0.3312	3.2557	.0000E+00	.3373E-01	0.3415	.9655E-02	.1887E-02	0.0009	.4694E-06	.3163E-0
145		0.00	0.000	0.236	0.2865	2.5566	.0000E+00	.3218E-01	0.3976	.1124E-01	.2120E-02	0.0007	.3488E-06	.2227E-0
146		0.00	0.000	0.255	0.2389	1.8436	.0000E+00	.3061E-01	0.4451	.1258E-01	.2312E-02	0.0007	.2920E-06	.2038E-0
147		0.00	0.000	0.231	0.1956	1.1429	.0000E+00	.2906E-01	0.4844	.1370E-01	.2467E-02	0.0006	.2524E-06	.1896E-0
148		0.00	0.000	0.166	0.1633	0.5822	.0000E+00	.2782E-01	0.5167	.1461E-01	.2592E-02	0.0006	.2250E-06	.1790E-0
149		0.00	0.000	0.098	0.1470	0.0239	.0000E+00	.0000E+00	0.5167	.1461E-01	.2592E-02	0.0006	.2309E-06	.1814E-0
150		0.00	0.000	0.072	0.1350	0.0000	.0000E+00	.0000E+00	0.4719	.1334E-01	.2418E-02	0.0007	.2824E-06	.2005E-0
151		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4309	.1218E-01	.2255E-02	0.0004	.1663E-06	.1631E-0
152		0.48	0.000	0.032	0.2096	0.0000	.0000E+00	.0000E+00	0.3934	.1112E-01	.2103E-02	0.0007	.3623E-06	.2288E-0
153		0.71	0.010	0.051	0.3178	0.0000	.0000E+00	.0000E+00	0.3590	.1015E-01	.1961E-02	0.0008	.4077E-06	.3038E-0
154		0.00	0.000	0.250	0.2717	0.1310	.0000E+00	.2682E-01	0.3541	.1001E-01	.1940E-02	0.0008	.4266E-06	.2462E-0
155		0.00	0.000	0.222	0.2301	0.2391	.0000E+00	.2706E-01	0.3930	.1111E-01	.2102E-02	0.0008	.3690E-06	.2291E-0
156		0.00	0.000	0.269	0.1808	0.1091	.0000E+00	.2677E-01	0.4288	.1212E-01	.2246E-02	0.0007	.3232E-06	.2144E-0

157	0.09	0.000	0.197	0.1618	0.0091	.0000E+00	.6637E-02	0.4410	.1247E-01	.2296E-02	0.0007	.3098E-06	.2100E-0
158	0.00	0.000	0.108	0.1437	0.0000	.0000E+00	.0000E+00	0.4133	.1169E-01	.2184E-02	0.0007	.3445E-06	.2214E-0
159	0.08	0.000	0.061	0.1469	0.0000	.0000E+00	.0000E+00	0.3772	.1067E-01	.2036E-02	0.0008	.3904E-06	.2356E-0
160	0.10	0.000	0.044	0.1563	0.0000	.0000E+00	.0000E+00	0.3441	.9731E-02	.1898E-02	0.0008	.4330E-06	.2481E-0
161	0.16	0.000	0.036	0.1769	0.0000	.0000E+00	.0000E+00	0.3139	.8875E-02	.1769E-02	0.0009	.4719E-06	.2589E-0
162	0.00	0.000	0.052	0.1683	0.0000	.0000E+00	.0000E+00	0.2862	.8093E-02	.1649E-02	0.0009	.5068E-06	.2683E-0
163	0.00	0.000	0.053	0.1594	0.0000	.0000E+00	.0000E+00	0.2609	.7376E-02	.1536E-02	0.0009	.5376E-06	.2763E-0
164	0.00	0.000	0.044	0.1521	0.0000	.0000E+00	.0000E+00	0.2377	.6721E-02	.1431E-02	0.0005	.2842E-06	.2127E-0
165	0.26	0.000	0.066	0.1844	0.0000	.0000E+00	.0000E+00	0.2165	.6122E-02	.1332E-02	0.0009	.5767E-06	.2873E-0
166	0.19	0.000	0.067	0.2049	0.0000	.0000E+00	.0000E+00	0.1971	.5574E-02	.1240E-02	0.0010	.5969E-06	.2922E-0
167	0.00	0.000	0.214	0.1692	0.0000	.0000E+00	.0000E+00	0.1794	.5073E-02	.1154E-02	0.0010	.6135E-06	.2961E-0
168	0.00	0.000	0.080	0.1559	0.0000	.0000E+00	.0000E+00	0.1632	.4615E-02	.1074E-02	0.0010	.6267E-06	.2992E-0
169	0.00	0.000	0.087	0.1415	0.0000	.0000E+00	.0000E+00	0.1484	.4197E-02	.9988E-03	0.0010	.6367E-06	.3015E-0
170	0.00	0.000	0.033	0.1359	0.0000	.0000E+00	.0000E+00	0.1349	.3815E-02	.9287E-03	0.0010	.6439E-06	.3031E-0
171	0.00	0.000	0.005	0.1352	0.0000	.0000E+00	.0000E+00	0.1226	.3467E-02	.8633E-03	0.0010	.6483E-06	.3041E-0
172	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1113	.3148E-02	.8023E-03	0.0010	.6504E-06	.3045E-0
173	0.59	0.000	0.067	0.2222	0.0000	.0000E+00	.0000E+00	0.1011	.2858E-02	.7453E-03	0.0010	.6503E-06	.3045E-0
174	0.18	0.000	0.178	0.2226	0.0000	.0000E+00	.0000E+00	0.0917	.2594E-02	.6921E-03	0.0010	.6483E-06	.3040E-0
175	0.20	0.000	0.227	0.2181	0.0000	.0000E+00	.0000E+00	0.0832	.2352E-02	.6425E-03	0.0010	.6446E-06	.3030E-0
176	0.00	0.000	0.236	0.1787	0.0000	.0000E+00	.0000E+00	0.0754	.2132E-02	.5962E-03	0.0010	.6363E-06	.3766E-0
177	0.00	0.000	0.241	0.1386	0.0000	.0000E+00	.0000E+00	0.0683	.1932E-02	.5531E-03	0.0010	.6335E-06	.2998E-0
178	0.00	0.000	0.016	0.1359	0.0000	.0000E+00	.0000E+00	0.0619	.1750E-02	.5129E-03	0.0005	.3127E-06	.2240E-0
179	0.00	0.000	0.005	0.1350	0.0000	.0000E+00	.0000E+00	0.0560	.1584E-02	.4754E-03	0.0010	.6168E-06	.2963E-0
180	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0507	.1432E-02	.4404E-03	0.0010	.6074E-06	.2940E-0
181	0.43	0.000	0.074	0.1944	0.0000	.0000E+00	.0000E+00	0.0458	.1295E-02	.4079E-03	0.0010	.5973E-06	.2915E-0
182	0.09	0.000	0.099	0.1929	0.0000	.0000E+00	.0000E+00	0.0414	.1170E-02	.3776E-03	0.0010	.5867E-06	.2889E-0
183	0.06	0.000	0.110	0.1846	0.0000	.0000E+00	.0000E+00	0.0374	.1057E-02	.3494E-03	0.0009	.5756E-06	.2861E-0
184	0.00	0.000	0.122	0.1641	0.0000	.0000E+00	.0000E+00	0.0337	.9535E-03	.3231E-03	0.0009	.5642E-06	.2832E-0
185	0.00	0.000	0.128	0.1428	0.0000	.0000E+00	.0000E+00	0.0304	.8599E-03	.2987E-03	0.0009	.5525E-06	.2803E-0
186	0.05	0.000	0.061	0.1410	0.0000	.0000E+00	.0000E+00	0.0274	.7749E-03	.2760E-03	0.0009	.5406E-06	.2772E-0
187	0.12	0.000	0.072	0.1489	0.0000	.0000E+00	.0000E+00	0.0247	.6979E-03	.2549E-03	0.0009	.5286E-06	.2741E-0
188	0.00	0.000	0.053	0.1402	0.0000	.0000E+00	.0000E+00	0.0222	.6281E-03	.2352E-03	0.0009	.5165E-06	.2710E-0
189	0.00	0.000	0.023	0.1364	0.0000	.0000E+00	.0000E+00	0.0200	.5648E-03	.2170E-03	0.0009	.5044E-06	.2678E-0
190	1.39	0.122	0.135	0.3252	0.0000	.0000E+00	.0000E+00	0.0180	.5076E-03	.2000E-03	0.0009	.4923E-06	.2645E-0
191	0.00	0.000	0.256	0.2790	0.5239	.0000E+00	.2106E-01	0.0370	.1046E-02	.3413E-03	0.0008	.4457E-06	.2497E-0
192	0.44	0.000	0.279	0.3012	0.8258	.0000E+00	.2836E-01	0.0953	.2694E-02	.7100E-03	0.0007	.3401E-06	.2148E-0
193	0.00	0.000	0.288	0.2486	0.6552	.0000E+00	.2798E-01	0.1597	.4517E-02	.1055E-02	0.0006	.2330E-06	.2194E-0
194	0.00	0.000	0.235	0.2048	0.4873	.0000E+00	.2761E-01	0.2176	.6154E-02	.1337E-02	0.0005	.1370E-06	.1396E-0
195	0.00	0.000	0.271	0.1563	0.1929	.0000E+00	.2032E-01	0.2627	.7428E-02	.1544E-02	0.0004	.9975E-07	.1192E-0
196	0.00	0.000	0.128	0.1350	0.0000	.0000E+00	.0000E+00	0.2720	.7692E-02	.1586E-02	0.0002	.4704E-07	.8673E-0
197	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2479	.7010E-02	.1477E-02	0.0004	.1065E-06	.1244E-0
198	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2258	.6386E-02	.1376E-02	0.0004	.1258E-06	.1350E-0
199	0.15	0.000	0.084	0.1460	0.0000	.0000E+00	.0000E+00	0.2057	.5815E-02	.1281E-02	0.0005	.1447E-06	.1446E-0
200	0.22	0.000	0.089	0.1678	0.0000	.0000E+00	.0000E+00	0.1872	.5293E-02	.1192E-02	0.0005	.1627E-06	.1532E-0
201	0.00	0.000	0.085	0.1536	0.0000	.0000E+00	.0000E+00	0.1703	.4817E-02	.1109E-02	0.0005	.1796E-06	.1608E-0
202	0.06	0.000	0.103	0.1464	0.0000	.0000E+00	.0000E+00	0.1549	.4381E-02	.1032E-02	0.0005	.1954E-06	.2098E-0
203	0.00	0.000	0.053	0.1376	0.0000	.0000E+00	.0000E+00	0.1409	.3983E-02	.9598E-03	0.0006	.2157E-06	.1751E-0
204	0.00	0.000	0.012	0.1356	0.0000	.0000E+00	.0000E+00	0.1280	.3620E-02	.8923E-03	0.0003	.1148E-06	.1353E-0
205	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.1163	.3289E-02	.8293E-03	0.0006	.2351E-06	.2295E-0
206	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1056	.2986E-02	.7705E-03	0.0006	.2501E-06	.1885E-0
207	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0958	.2710E-02	.7157E-03	0.0006	.2590E-06	.1918E-0
208	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0869	.2459E-02	.6645E-03	0.0006	.2666E-06	.1946E-0
209	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0788	.2229E-02	.6167E-03	0.0007	.2731E-06	.1969E-0
210	1.03	0.032	0.122	0.2809	0.0000	.0000E+00	.0000E+00	0.0714	.2020E-02	.5722E-03	0.0007	.2784E-06	.1988E-0
211	0.79	0.053	0.187	0.3701	0.3937	.0000E+00	.1414E-01	0.0788	.2227E-02	.6156E-03	0.0006	.2596E-06	.1920E-0
212	0.00	0.000	0.263	0.3212	1.9084	.0000E+00	.3075E-01	0.1246	.3523E-02	.8719E-03	0.0005	.1905E-06	.1645E-0
213	0.00	0.000	0.268	0.2714	1.7585	.0000E+00	.3042E-01	0.1927	.5450E-02	.1218E-02	0.0004	.1173E-06	.1291E-0
214	0.00	0.000	0.276	0.2206	1.4077	.0000E+00	.2964E-01	0.2537	.7174E-02	.1503E-02	0.0002	.3582E-07	.7567E-0
215	0.00	0.000	0.247	0.1747	0.7738	.0000E+00	.2824E-01	0.3069	.8677E-02	.1739E-02	0.0003	.5371E-07	.8424E-0
216	0.00	0.000	0.209	0.1386	0.1369	.0000E+00	.6860E-02	0.3320	.9387E-02	.1847E-02	0.0002	.3781E-07	.7204E-0
217	0.19	0.000	0.104	0.1530	0.0000	.0000E+00	.0000E+00	0.3138	.8873E-02	.1769E-02	0.0002	.4077E-07	.7718E-0
218	0.47	0.000	0.165	0.2039	0.0000	.0000E+00	.0000E+00	0.2861	.8090E-02	.1648E-02	0.0003	.5487E-07	.8984E-0
219	0.00	0.000	0.213	0.1684	0.0000	.0000E+00	.0000E+00	0.2608	.7374E-02	.1536E-02	0.0003	.7189E-07	.1025E-0
220	0.00	0.000	0.177	0.1388	0.0000	.0000E+00	.0000E+00	0.2376	.6719E-02	.1430E-02	0.0004	.8944E-07	.1433E-0
221	0.00	0.000	0.018	0.1358	0.0000	.0000E+00	.0000E+00	0.2164	.6120E-02	.1332E-02	0.0004	.1133E-06	.1269E-0
222	0.00	0.000	0.005	0.1350	0.0000	.0000E+00	.0000E+00	0.1971	.5572E-02	.1240E-02	0.0004	.1302E-06	.1361E-0
223	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1794	.5071E-02	.1154E-02	0.0005	.1464E-06	.1443E-0
224	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1632	.4614E-02	.1074E-02	0.0005	.1618E-06	.1516E-0
225	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1484	.4196E-02	.9986E-03	0.0003	.8805E-07	.1188E-0
226	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1349	.3814E-02	.9285E-03	0.0005	.1840E-06	.1626E-0
227	0.07	0.000	0.035	0.1408	0.0000	.0000E+00	.0000E+00	0.1226	.3466E-02	.8631E-03	0.0005	.1964E-06	.1679E-0
228	0.68	0.000	0.142	0.2305	0.0000	.0000E+00	.0000E+00	0.1113	.3147E-02	.8021E-03	0.0006	.2077E-06	.1725E-0
229	0.02	0.000	0.194	0.2016	0.0000	.0000E+00	.0000E+00	0.1011	.2857E-02	.7451E-03	0.0006	.2178E-06	.2208E-0
230	0.00	0.000	0.205	0.1673	0.0000	.0000E+00	.0000E+00	0.0917	.2593E-02	.6919E-03	0.0006	.2305E-06	.1809E-0
231	0.00	0.000	0.132	0.1453	0.0000	.0000E+00	.0000E+00	0.0832	.2352E-02	.6423E-03	0.0006	.2379E-06	.1838E-0
232	0.00	0.000	0.052	0.1366	0.0000	.0000E+00	.0000E+00	0.0754	.2132E-02	.5961E-03	0.0006	.2443E-06	.1863E-0
233	0.04	0.000	0.040	0.1366	0.0000	.0000E+00	.0000E+00	0.0683	.1931E-02	.5529E-03	0.0003	.1256E-06	.1415E-0
234	0.25	0.000	0.083	0.1645	0.0000	.0000E+00	.0000E+00	0.0619	.1749E-02	.5127E-03	0.0006	.2517E-06	.1895E-0
235	0.00	0.000	0.073	0.1523	0.0000	.0000E+00	.0000E+00	0.0560	.1583E-02	.4753E-03	0.0006	.2555E-06	.1909E-0
236	0.00	0.000	0.080	0.1390	0.0000	.0000E+00	.0000E+00	0.0506	.1432E-02	.4403E-03	0.0006	.2584E-06	.1920E-0
237	0.00	0.000	0.018	0.1360	0.0000	.0000E+00	.0000E+00	0.0458	.1295E-02	.4078E-03	0.0006	.2606E-06	.1928E-0
238	0.32	0.000	0.096	0.1733	0.0000	.0000E+00	.0000E+00	0.0414	.1170E-02	.3775E-03	0.0006	.2621E-06	.1933E-0
239	1.80	0.331	0.203	0.3843	0.0000	.0000E+00	.0000E+00	0.0374	.1056E-02	.3493E-03	0.0006	.2629E-06	.2417E-0
240	0.01	0.000	0.186	0.3497	2.1704	.0000E+00	.3133E-01	0.0648	.1832E-02	.5254E-03	0.0006	.2124E-06	.1737E-0
241	0.02	0.000	0.159	0.3212	2.5869	.0000E+00	.3225E-01	0.1410	.3986E-02	.9584E-03	0.0002	.5865E-07	.9690E-0
242	0.00	0.000	0.176	0.2866	2.2894	.0000E+00	.3159E-01	0.2113	.5974E-02	.1307E-02	0.0004	.8179E-07	.1029E-0
243	0.10	0.000	0.124	0.2774	1.9459	.0000E+00	.3083E-01	0.2737	.7740E-02	.1593E-02	0.0003	.4250E-07	.9038E-0
244	0.00	0.000	0.184	0.2418	1.6946	.0000E+00	.3028E-01	0.3291	.9306E-02	.1834E-02	0.0001	.1385E-07	.4453E-0
245	0.36	0.000	0.178	0.2672	1.3190	.0000E+00	.2945E-01	0.3781	.1069E-01	.2040E-02	0.0001	.4908E-08	.2660E-0
246	0.04	0.000	0.198	0.2362	0.9490	.0000E+00	.2863E-01	0.4208	.1190E-01	.2214E-02	0.0000	.1052E-08	.1242E-0
247	0.33	0.000	0.130	0.2648	0.7869	.0000E+00	.2827E-01	0.4582	.1296E-01	.2364E-02	0.0000	.3316E-11	.6277E-0
248	0.00	0.000	0.181	0.2300	0.6373	.0000E+00	.2794E-01	0.4916	.1390E-01	.2495E-02	0.0000	.1344E-10	.6914E-0
249	0.00	0.000	0.167	0.1975	0.4829	.0000E+00	.2760E-01	0.5213	.1474E-01	.2610E-02	0.0000	.0000E+00	.0000E+0
250	0.09	0.000	0.143	0.1841	0.3338	.0000E+00	.2727E-01	0.5476	.1548E-01	.2710E-02	0.0000	.0000E+00	.0000E+0
251	0.00	0.000	0.171	0.1544	0.0882	.0000E+00	.7841E-02	0.5519	.1561E-01	.2727E-02	0.0000	.0000E+00	.0000E+0
252	0.00	0.000	0.114	0.1354	0.0000	.0000E+00	.0000E+00	0.5168	.1461E-01	.2592E-02	0.0000	.5650E-11	.8010E-0

253		0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.4721	.1335E-01	.2418E-02	0.0000	.2044E-08	.1806E-0
254		0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.4310	.1219E-01	.2256E-02	0.0001	.9822E-08	.4980E-0
255		0.32	0.000	0.068	0.1770	0.0000	.0000E+00	.0000E+00	0.3935	.1113E-01	.2103E-02	0.0002	.2682E-07	.6194E-0
256		0.00	0.000	0.106	0.1593	0.0000	.0000E+00	.0000E+00	0.3590	.1015E-01	.1961E-02	0.0003	.4344E-07	.7875E-0
257		0.00	0.000	0.122	0.1389	0.0000	.0000E+00	.0000E+00	0.3275	.9261E-02	.1828E-02	0.0003	.6206E-07	.9406E-0
258		0.00	0.000	0.020	0.1355	0.0000	.0000E+00	.0000E+00	0.2987	.8445E-02	.1703E-02	0.0004	.8187E-07	.1080E-0
259		0.22	0.000	0.083	0.1583	0.0000	.0000E+00	.0000E+00	0.2723	.7699E-02	.1587E-02	0.0002	.5109E-07	.9039E-0
260		0.00	0.000	0.059	0.1483	0.0000	.0000E+00	.0000E+00	0.2481	.7016E-02	.1478E-02	0.0004	.1149E-06	.1292E-0
261		0.00	0.000	0.069	0.1368	0.0000	.0000E+00	.0000E+00	0.2260	.6392E-02	.1377E-02	0.0005	.1349E-06	.1398E-0
262		0.00	0.000	0.008	0.1354	0.0000	.0000E+00	.0000E+00	0.2058	.5820E-02	.1282E-02	0.0005	.1542E-06	.1492E-0
263		0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.1874	.5298E-02	.1193E-02	0.0005	.1726E-06	.1577E-0
264		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1705	.4821E-02	.1110E-02	0.0005	.1898E-06	.2069E-0
265		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1551	.4385E-02	.1033E-02	0.0006	.2120E-06	.1736E-0
266		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1410	.3987E-02	.9605E-03	0.0006	.2263E-06	.1793E-0
267		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1282	.3624E-02	.8930E-03	0.0006	.2392E-06	.1843E-0
268		0.19	0.000	0.061	0.1564	0.0000	.0000E+00	.0000E+00	0.1164	.3292E-02	.8299E-03	0.0006	.2506E-06	.1887E-0
269		0.04	0.000	0.049	0.1550	0.0000	.0000E+00	.0000E+00	0.1057	.2989E-02	.7711E-03	0.0006	.2608E-06	.1924E-0
270		1.19	0.078	0.078	0.3275	0.0000	.0000E+00	.0000E+00	0.0959	.2713E-02	.7162E-03	0.0006	.2695E-06	.1956E-0
271		0.21	0.000	0.092	0.3436	0.7284	.0000E+00	.2151E-01	0.1084	.3065E-02	.7849E-03	0.0006	.2451E-06	.1866E-0
272		0.00	0.000	0.102	0.3217	1.2935	.0000E+00	.2939E-01	0.1621	.4583E-02	.1067E-02	0.0005	.1732E-06	.1569E-0
273		0.00	0.000	0.096	0.3007	1.3264	.0000E+00	.2946E-01	0.2239	.6331E-02	.1366E-02	0.0002	.5634E-07	.9494E-0
274		0.02	0.000	0.081	0.2858	1.1667	.0000E+00	.2911E-01	0.2801	.7921E-02	.1622E-02	0.0004	.8708E-07	.1079E-0
275		0.75	0.007	0.080	0.3915	1.1493	.0000E+00	.2907E-01	0.3310	.9359E-02	.1843E-02	0.0003	.5588E-07	.1067E-0
276		0.00	0.000	0.082	0.3725	2.6464	.0000E+00	.3238E-01	0.3808	.1077E-01	.2051E-02	0.0002	.2745E-07	.6265E-0
277		0.00	0.000	0.061	0.3569	2.5791	.0000E+00	.3223E-01	0.4315	.1220E-01	.2258E-02	0.0001	.1417E-07	.4510E-0
278		0.00	0.000	0.077	0.3388	2.3762	.0000E+00	.3179E-01	0.4773	.1350E-01	.2439E-02	0.0000	.3268E-08	.2267E-0
279		0.00	0.000	0.068	0.3222	2.1701	.0000E+00	.3133E-01	0.5181	.1465E-01	.2598E-02	0.0001	.4108E-08	.2215E-0
280		0.00	0.000	0.052	0.3084	1.9601	.0000E+00	.3087E-01	0.5543	.1567E-01	.2736E-02	0.0001	.1469E-08	.1269E-0
281		0.00	0.000	0.053	0.2945	1.8102	.0000E+00	.3053E-01	0.5864	.1658E-01	.2857E-02	0.0000	.3598E-09	.5556E-0
282		0.00	0.000	0.053	0.2806	1.6486	.0000E+00	.3018E-01	0.6149	.1739E-01	.2963E-02	0.0000	.6558E-10	.1924E-0
283		0.00	0.000	0.069	0.2642	1.4863	.0000E+00	.2982E-01	0.6402	.1810E-01	.3056E-02	0.0000	.0000E+00	.0000E+0
284		0.00	0.000	0.068	0.2481	1.3201	.0000E+00	.2945E-01	0.6623	.1873E-01	.3137E-02	0.0000	.0000E+00	.0000E+0
285		0.00	0.000	0.084	0.2292	1.1522	.0000E+00	.2908E-01	0.6817	.1928E-01	.3207E-02	0.0000	.0000E+00	.0000E+0
286		0.00	0.000	0.079	0.2113	0.9499	.0000E+00	.2863E-01	0.6984	.1975E-01	.3268E-02	0.0000	.0000E+00	.0000E+0
287		0.00	0.000	0.075	0.1941	0.8088	.0000E+00	.2832E-01	0.7127	.2015E-01	.3319E-02	0.0000	.0000E+00	.0000E+0
288		0.00	0.000	0.085	0.1752	0.6096	.0000E+00	.2788E-01	0.7249	.2050E-01	.3363E-02	0.0000	.3139E-11	.8948E-0
289		0.00	0.000	0.092	0.1565	0.2194	.0000E+00	.2038E-01	0.7279	.2058E-01	.3373E-02	0.0000	.2731E-09	.6403E-0
290		0.00	0.000	0.065	0.1457	0.0000	.0000E+00	.0000E+00	0.6984	.1975E-01	.3267E-02	0.0001	.3007E-08	.2176E-0
291		0.12	0.000	0.080	0.1523	0.0000	.0000E+00	.0000E+00	0.6385	.1805E-01	.3049E-02	0.0001	.1513E-07	.6199E-0
292		0.00	0.000	0.053	0.1434	0.0000	.0000E+00	.0000E+00	0.5835	.1650E-01	.2846E-02	0.0001	.2201E-07	.6007E-0
293		0.00	0.000	0.030	0.1385	0.0000	.0000E+00	.0000E+00	0.5332	.1508E-01	.2655E-02	0.0003	.6502E-07	.9854E-0
294		0.00	0.000	0.016	0.1358	0.0000	.0000E+00	.0000E+00	0.4870	.1377E-01	.2477E-02	0.0004	.9829E-07	.1205E-0
295		0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.4448	.1258E-01	.2310E-02	0.0004	.1343E-06	.1403E-0
296		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.4060	.1148E-01	.2155E-02	0.0005	.1715E-06	.1581E-0
297		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3706	.1048E-01	.2009E-02	0.0006	.2088E-06	.1741E-0
298		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3381	.9559E-02	.1873E-02	0.0006	.2452E-06	.2363E-0
299		0.18	0.000	0.039	0.1584	0.0000	.0000E+00	.0000E+00	0.3083	.8718E-02	.1745E-02	0.0007	.2930E-06	.2041E-0
300		0.00	0.000	0.018	0.1554	0.0000	.0000E+00	.0000E+00	0.2811	.7949E-02	.1626E-02	0.0007	.3251E-06	.2149E-0
301		0.00	0.000	0.032	0.1501	0.0000	.0000E+00	.0000E+00	0.2562	.7245E-02	.1515E-02	0.0007	.3546E-06	.2245E-0
302		0.00	0.000	0.029	0.1453	0.0000	.0000E+00	.0000E+00	0.2334	.6601E-02	.1411E-02	0.0008	.3814E-06	.2328E-0
303		0.00	0.000	0.026	0.1409	0.0000	.0000E+00	.0000E+00	0.2126	.6011E-02	.1314E-02	0.0008	.4053E-06	.2399E-0
304		0.00	0.000	0.024	0.1368	0.0000	.0000E+00	.0000E+00	0.1936	.5473E-02	.1223E-02	0.0004	.2146E-06	.1849E-0
305		0.19	0.000	0.042	0.1615	0.0000	.0000E+00	.0000E+00	0.1762	.4981E-02	.1138E-02	0.0008	.4366E-06	.2500E-0
306		0.37	0.000	0.041	0.2163	0.0000	.0000E+00	.0000E+00	0.1602	.4531E-02	.1059E-02	0.0008	.4530E-06	.3182E-0
307		0.00	0.000	0.037	0.2102	0.0000	.0000E+00	.0000E+00	0.1457	.4120E-02	.9848E-03	0.0009	.4734E-06	.2592E-0
308		0.00	0.000	0.054	0.2011	0.0000	.0000E+00	.0000E+00	0.1325	.3745E-02	.9157E-03	0.0009	.4840E-06	.2621E-0
309		0.00	0.000	0.048	0.1931	0.0000	.0000E+00	.0000E+00	0.1203	.3403E-02	.8512E-03	0.0009	.4923E-06	.2643E-0
310		0.00	0.000	0.060	0.1830	0.0000	.0000E+00	.0000E+00	0.1093	.3090E-02	.7909E-03	0.0009	.4985E-06	.2660E-0
311		0.16	0.000	0.063	0.1993	0.0000	.0000E+00	.0000E+00	0.0992	.2805E-02	.7347E-03	0.0004	.2535E-06	.2008E-0
312		0.00	0.000	0.060	0.1893	0.0000	.0000E+00	.0000E+00	0.0900	.2545E-02	.6822E-03	0.0009	.5022E-06	.2676E-0
313		0.00	0.000	0.064	0.1787	0.0000	.0000E+00	.0000E+00	0.0816	.2308E-02	.6333E-03	0.0009	.5037E-06	.2680E-0
314		0.04	0.000	0.072	0.1734	0.0000	.0000E+00	.0000E+00	0.0740	.2092E-02	.5876E-03	0.0009	.5037E-06	.2679E-0
315		0.00	0.000	0.051	0.1648	0.0000	.0000E+00	.0000E+00	0.0670	.1895E-02	.5451E-03	0.0009	.5023E-06	.2675E-0
316		0.00	0.000	0.061	0.1546	0.0000	.0000E+00	.0000E+00	0.0607	.1716E-02	.5054E-03	0.0009	.4975E-06	.3330E-0
317		0.00	0.000	0.053	0.1458	0.0000	.0000E+00	.0000E+00	0.0549	.1553E-02	.4684E-03	0.0004	.2507E-06	.1996E-0
318		0.25	0.000	0.065	0.1766	0.0000	.0000E+00	.0000E+00	0.0497	.1405E-02	.4340E-03	0.0009	.4916E-06	.2646E-0
319		0.00	0.000	0.041	0.1697	0.0000	.0000E+00	.0000E+00	0.0449	.1270E-02	.4019E-03	0.0009	.4863E-06	.2631E-0
320		0.94	0.025	0.055	0.3130	0.0000	.0000E+00	.0000E+00	0.0406	.1147E-02	.3720E-03	0.0009	.4802E-06	.3263E-0
321		0.00	0.000	0.031	0.3043	0.3054	.0000E+00	.2057E-01	0.0571	.1613E-02	.4794E-03	0.0008	.4260E-06	.2459E-0
322	*	0.00	0.000	0.027	0.2953	0.5211	.0000E+00	.2768E-01	0.1121	.3169E-02	.8045E-03	0.0007	.3106E-06	.2100E-0
323		0.00	0.000	0.035	0.2849	0.5226	.0000E+00	.2769E-01	0.1737	.4912E-02	.1125E-02	0.0006	.2180E-06	.1760E-0
324		0.00	0.000	0.036	0.2743	0.4335	.0000E+00	.2749E-01	0.2298	.6498E-02	.1394E-02	0.0005	.1549E-06	.1484E-0
325		0.00	0.000	0.038	0.2635	0.3020	.0000E+00	.2720E-01	0.2805	.7930E-02	.1623E-02	0.0004	.1111E-06	.1258E-0
326		0.07	0.000	0.062	0.2605	0.1745	.0000E+00	.2692E-01	0.3261	.9220E-02	.1822E-02	0.0004	.8043E-07	.1071E-0
327		0.09	0.000	0.056	0.2627	0.0481	.0000E+00	.1998E-01	0.3605	.1019E-01	.1967E-02	0.0003	.6237E-07	.9432E-0
328		0.35	0.000	0.054	0.3120	0.0000	.0000E+00	.0000E+00	0.3610	.1021E-01	.1969E-02	0.0002	.3244E-07	.7196E-0
329		0.00	0.000	0.032	0.3032	0.4870	.0000E+00	.2098E-01	0.3502	.9901E-02	.1924E-02	0.0003	.7091E-07	.1011E-0
330		0.00	0.000	0.042	0.2916	0.5444	.0000E+00	.2774E-01	0.3807	.1076E-01	.2051E-02	0.0003	.6509E-07	.9471E-0
331		0.00	0.000	0.045	0.2795	0.4766	.0000E+00	.2759E-01	0.4193	.1186E-01	.2209E-02	0.0003	.4976E-07	.8221E-0
332		0.00	0.000	0.040	0.2683	0.3488	.0000E+00	.2730E-01	0.4542	.1284E-01	.2348E-02	0.0002	.3700E-07	.7092E-0
333		0.00	0.000	0.031	0.2586	0.2180	.0000E+00	.2701E-01	0.4855	.1373E-01	.2471E-02	0.0002	.2810E-07	.6186E-0
334		0.00	0.000	0.031	0.2490	0.0895	.0000E+00	.2673E-01	0.5133	.1451E-01	.2579E-02	0.0002	.2199E-07	.5480E-0
335		0.00	0.000	0.037	0.2426	0.0024	.0000E+00	.1833E-02	0.5137	.1452E-01	.2580E-02	0.0002	.2262E-07	.7120E-0
336	*	0.00	0.000	0.029	0.2378	0.0000	.0000E+00	.0000E+00	0.4721	.1335E-01	.2419E-02	0.0003	.4218E-07	.7768E-0
337		0.00	0.000	0.031	0.2327	0.0000	.0000E+00	.0000E+00	0.4311	.1219E-01	.2256E-02	0.0003	.6621E-07	.9722E-0
338		0.00	0.000	0.033	0.2272	0.0000	.0000E+00	.0000E+00	0.3935	.1113E-01	.2104E-02	0.0002	.4634E-07	.8602E-0
339	*	0.00	0.000	0.026	0.2228	0.0000	.0000E+00	.0000E+00	0.3591	.1015E-01	.1961E-02	0.0004	.1103E-06	.1271E-0
340		0.00	0.000	0.032	0.2175	0.0000	.0000E+00	.0000E+00	0.3276	.9262E-02	.1828E-02	0.0005	.1383E-06	.1419E-0
341	*	0.00	0.000	0.028	0.2128	0.0000	.0000E+00	.0000E+00	0.2987	.8446E-02	.1704E-02	0.0005	.1662E-06	.1553E-0
342	*	0.00	0.000	0.028	0.2081	0.0000	.0000E+00	.0000E+00	0.2723	.7700E-02	.1587E-02	0.0005	.1934E-06	.1672E-0
343	*	0.00	0.000	0.025	0.2040	0.0000	.0000E+00	.0000E+00	0.2482	.7017E-02	.1479E-02	0.0006	.2194E-06	.1779E-0
344	*	0.28	0.000	0.028	0.2073	0.0000	.0000E+00	.0000E+00	0.2261	.6392E-02	.1377E-02	0.0006	.2439E-06	.1874E-0
345	*	0.00	0.000	0.028	0.2106	0.0000	.0000E+00	.0000E+00	0.2059	.5821E-02	.1282E-02	0.0006	.2666E-06	.2451E-0
346	*	0.00	0.000	0.035	0.2139	0.0000	.0000E+00	.0000E+00	0.1874	.5299E-02	.1193E-02	0.0007	.2956E-06	.2049E-0
347		0.18	0.000	0.004	0.2649	0.0000	.0000E+00	.0000E+00	0.1705	.4822E-02	.1110E-02	0.0007	.3138E-06	.2111E-0
348	*	0.25	0.000	0.034	0.2682	0.0000	.0000E+00	.0000E+00	0.1551	.4386E-02	.1033E-02	0.0007	.3300E-06	.2165E-0

349		0.00	0.000	0.022	0.2973	0.0000	.0000E+00	.0000E+00	0.1410	.3988E-02	.9606E-03	0.0007	.3442E-06	.2211E-0
350	*	0.00	0.000	0.026	0.2923	0.0050	.0000E+00	.4143E-02	0.1323	.3740E-02	.9149E-03	0.0007	.3497E-06	.2228E-0
351	*	0.00	0.000	0.000	0.2890	0.0213	.0000E+00	.1995E-01	0.1466	.4146E-02	.9891E-03	0.0007	.3187E-06	.2127E-0
352	*	0.00	0.000	0.000	0.2845	0.0540	.0000E+00	.2665E-01	0.1918	.5423E-02	.1214E-02	0.0006	.2496E-06	.1883E-0
353	*	0.02	0.000	0.020	0.2817	0.0258	.0000E+00	.1716E-01	0.2344	.6628E-02	.1415E-02	0.0006	.1965E-06	.1672E-0
354	*	0.00	0.000	0.000	0.2817	0.0000	.0000E+00	.0000E+00	0.2411	.6816E-02	.1446E-02	0.0005	.1883E-06	.1636E-0
355	*	0.07	0.000	0.029	0.2849	0.0000	.0000E+00	.0000E+00	0.2196	.6209E-02	.1347E-02	0.0006	.2104E-06	.1729E-0
356	*	0.00	0.000	0.042	0.2807	0.0038	.0000E+00	.4891E-02	0.2048	.5791E-02	.1277E-02	0.0006	.2253E-06	.1790E-0
357		1.74	0.381	0.058	0.4950	1.1442	.0000E+00	.1580E-01	0.2100	.5937E-02	.1301E-02	0.0006	.2166E-06	.1755E-0
358		0.00	0.000	0.042	0.4814	5.6915	.0000E+00	.3912E-01	0.2554	.7221E-02	.1510E-02	0.0005	.1669E-06	.1541E-0
359		0.00	0.000	0.041	0.4683	5.3404	.0000E+00	.3834E-01	0.3336	.9434E-02	.1853E-02	0.0004	.1018E-06	.1204E-0
360		0.00	0.000	0.041	0.4552	4.9972	.0000E+00	.3758E-01	0.4033	.1140E-01	.2143E-02	0.0003	.6119E-07	.9346E-0
361		0.00	0.000	0.035	0.4433	4.7100	.0000E+00	.3695E-01	0.4652	.1315E-01	.2391E-02	0.0002	.3598E-07	.7177E-0
362		0.00	0.000	0.040	0.4305	4.4423	.0000E+00	.3635E-01	0.5203	.1471E-01	.2606E-02	0.0002	.2059E-07	.5439E-0
363		0.10	0.000	0.047	0.4334	4.1737	.0000E+00	.3576E-01	0.5692	.1610E-01	.2792E-02	0.0001	.1145E-07	.4066E-0
364		0.00	0.000	0.033	0.4220	3.9998	.0000E+00	.3538E-01	0.6128	.1733E-01	.2955E-02	0.0001	.6201E-08	.3004E-0
365	*	0.00	0.000	0.028	0.4115	3.8172	.0000E+00	.3497E-01	0.6516	.1843E-01	.3098E-02	0.0001	.3298E-08	.2201E-0
366	*	0.00	0.000	0.030	0.4007	3.6130	.0000E+00	.3452E-01	0.6862	.1940E-01	.3223E-02	0.0001	.1793E-08	.1632E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 4

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	2.82	3.24	3.61	2.55	4.12	3.08
	4.31	3.97	3.02	1.24	2.27	2.64
RUNOFF	2.717	1.689	0.484	0.018	0.203	0.010
	0.208	0.331	0.078	0.007	0.025	0.381
EVAPOTRANSPIRATION	0.526	1.164	2.234	3.242	3.381	3.083
	3.431	3.595	2.392	1.537	1.422	0.893
PERCOLATION/LEAKAGE THROUGH	0.0000	0.4750	1.1652	0.5877	0.2673	0.0873
LAYER 2	0.2006	0.2210	0.2865	0.4419	0.3367	0.4176
LATERAL DRAINAGE COLLECTED	0.0600	0.1760	0.8827	0.7378	0.2349	0.1741
FROM LAYER 3	0.1038	0.1413	0.2543	0.4214	0.1795	0.2818
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0162	0.0321	0.1342	0.1155	0.0473	0.0369
LAYER 4	0.0249	0.0319	0.0501	0.0751	0.0373	0.0548
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0785	0.0349	0.0032	0.0884	0.1131	0.0830
LAYER 7	0.0616	0.0445	0.0299	0.0291	0.0574	0.0440

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.000	1.719	5.001	0.961	0.707	0.016
TOP OF LAYER 2	0.218	0.420	0.304	0.738	0.149	1.356
STD. DEVIATION OF DAILY	0.000	1.887	0.600	1.051	1.397	0.052
HEAD ON TOP OF LAYER 2	0.486	0.826	0.476	0.922	0.205	2.107
AVERAGE DAILY HEAD ON	0.068	0.215	1.007	0.870	0.268	0.205
TOP OF LAYER 4	0.118	0.161	0.300	0.481	0.212	0.322
STD. DEVIATION OF DAILY	0.057	0.269	0.122	0.206	0.143	0.134
HEAD ON TOP OF LAYER 4	0.079	0.097	0.151	0.177	0.161	0.160
AVERAGE DAILY HEAD ON	0.001	0.000	0.000	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.000	0.001	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 4

	INCHES	CU. FEET	PERCENT
PRECIPITATION	36.87	334595.281	100.00
RUNOFF	6.149	55805.734	16.68

EVAPOTRANSPIRATION	26.900	244118.875	72.96
PERC./LEAKAGE THROUGH LAYER 2	4.486932	40718.910	12.17
AVG. HEAD ON TOP OF LAYER 2	0.9657		
DRAINAGE COLLECTED FROM LAYER 3	3.6476	33101.996	9.89
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.656256	5955.522	1.78
AVG. HEAD ON TOP OF LAYER 4	0.3522		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	1.061	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.667535	6057.881	1.81
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	-0.495	-4490.338	-1.34
SOIL WATER AT START OF YEAR	284.851	2585019.500	
SOIL WATER AT END OF YEAR	285.092	2587205.500	
SNOW WATER AT START OF YEAR	0.736	6676.281	2.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.058	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 5

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.31	0.000	0.051	0.4381	3.5710	.0000E+00	.3443E-01	0.7171	.2028E-01	.3334E-02	0.0000	.1058E-08	.1261E-0
2			0.13	0.000	0.056	0.4444	4.2754	.0000E+00	.3598E-01	0.7468	.2112E-01	.3440E-02	0.0000	.3085E-09	.6656E-0
3			0.00	0.000	0.039	0.4319	4.2867	.0000E+00	.3601E-01	0.7766	.2196E-01	.3546E-02	0.0000	.5757E-09	.8211E-0
4	*		0.00	0.000	0.029	0.4212	4.0539	.0000E+00	.3550E-01	0.8034	.2272E-01	.3640E-02	0.0000	.4310E-09	.7218E-0
5	*		0.00	0.000	0.000	0.4153	3.8513	.0000E+00	.3505E-01	0.8267	.2338E-01	.3721E-02	0.0000	.6263E-09	.1081E-0
6	*		0.19	0.000	0.044	0.4128	3.7178	.0000E+00	.3475E-01	0.8471	.2395E-01	.3792E-02	0.0000	.7533E-09	.1069E-0
7			0.02	0.000	0.042	0.4245	3.5839	.0000E+00	.3446E-01	0.8651	.2446E-01	.3853E-02	0.0000	.1370E-08	.1437E-0
8			0.00	0.000	0.048	0.4107	3.6916	.0000E+00	.3469E-01	0.8813	.2492E-01	.3909E-02	0.0001	.2397E-08	.1894E-0
9			0.00	0.000	0.050	0.3966	3.5300	.0000E+00	.3434E-01	0.8962	.2534E-01	.3960E-02	0.0001	.3945E-08	.2421E-0
10	*		0.00	0.000	0.034	0.3853	3.3059	.0000E+00	.3384E-01	0.9089	.2570E-01	.4003E-02	0.0001	.6293E-08	.3047E-0
11			0.00	0.000	0.041	0.3728	3.0954	.0000E+00	.3338E-01	0.9192	.2599E-01	.4038E-02	0.0001	.9675E-08	.3768E-0
12	*		0.19	0.000	0.035	0.3706	2.9034	.0000E+00	.3295E-01	0.9275	.2622E-01	.4066E-02	0.0001	.1428E-07	.4568E-0
13	*		0.21	0.000	0.028	0.3685	2.7521	.0000E+00	.3262E-01	0.9341	.2641E-01	.4088E-02	0.0002	.2026E-07	.5430E-0
14	*		0.15	0.000	0.000	0.3664	2.6119	.0000E+00	.3231E-01	0.9393	.2656E-01	.4106E-02	0.0002	.2772E-07	.6342E-0
15	*		0.00	0.000	0.031	0.3643	2.5033	.0000E+00	.3207E-01	0.9433	.2667E-01	.4120E-02	0.0002	.3672E-07	.7290E-0
16	*	*	0.00	0.000	0.022	0.3594	1.3089	.0000E+00	.2943E-01	0.9440	.2669E-01	.4122E-02	0.0003	.4820E-07	.8343E-0
17	*	*	0.00	0.000	0.028	0.3547	0.8153	.0000E+00	.2833E-01	0.9393	.2656E-01	.4106E-02	0.0003	.6340E-07	.9558E-0
18	*	*	0.13	0.000	0.028	0.3500	0.6853	.0000E+00	.2805E-01	0.9329	.2638E-01	.4085E-02	0.0004	.8111E-07	.1080E-0
19	*	*	0.41	0.000	0.025	0.3454	0.5565	.0000E+00	.2776E-01	0.9264	.2619E-01	.4062E-02	0.0004	.1006E-06	.1202E-0
20	*	*	0.63	0.000	0.022	0.3408	0.4290	.0000E+00	.2748E-01	0.9196	.2600E-01	.4039E-02	0.0002	.5867E-07	.9823E-0
21	*	*	0.00	0.000	0.025	0.3363	0.3029	.0000E+00	.2720E-01	0.9127	.2581E-01	.4016E-02	0.0005	.1380E-06	.1409E-0
22	*	*	0.70	0.000	0.000	0.3318	0.1780	.0000E+00	.2693E-01	0.9056	.2560E-01	.3992E-02	0.0005	.1638E-06	.1920E-0
23		*	0.00	0.000	0.000	0.3281	0.0544	.0000E+00	.2182E-01	0.8935	.2526E-01	.3951E-02	0.0005	.1967E-06	.1678E-0
24		*	0.00	0.000	0.042	0.3281	0.0000	.0000E+00	.0000E+00	0.8526	.2411E-01	.3810E-02	0.0006	.2512E-06	.1895E-0
25		*	0.00	0.004	0.033	0.3406	0.0000	.0000E+00	.0000E+00	0.7799	.2205E-01	.3557E-02	0.0007	.3418E-06	.2208E-0
26		*	0.31	1.536	0.000	0.3942	0.0000	.0000E+00	.0000E+00	0.7132	.2017E-01	.3321E-02	0.0008	.4335E-06	.2485E-0
27		*	0.00	0.266	0.024	0.4117	0.0000	.0000E+00	.0000E+00	0.6521	.1844E-01	.3099E-02	0.0009	.5231E-06	.2729E-0
28		*	0.00	0.000	0.000	0.4117	0.0000	.0000E+00	.0000E+00	0.5961	.1685E-01	.2892E-02	0.0010	.6084E-06	.2941E-0
29		*	1.14	1.047	0.009	0.4257	0.0000	.0000E+00	.0000E+00	0.5447	.1540E-01	.2699E-02	0.0010	.6875E-06	.3126E-0
30		*	0.00	0.000	0.000	0.4257	0.0000	.0000E+00	.0000E+00	0.4976	.1407E-01	.2518E-02	0.0011	.7593E-06	.3284E-0
31		*	0.23	0.170	0.009	0.4340	0.0000	.0000E+00	.0000E+00	0.4544	.1285E-01	.2349E-02	0.0011	.8233E-06	.3419E-0
32		*	0.32	0.268	0.009	0.4412	0.0000	.0000E+00	.0000E+00	0.4149	.1173E-01	.2190E-02	0.0012	.8791E-06	.3533E-0
33		*	0.00	0.000	0.000	0.4412	0.0000	.0000E+00	.0000E+00	0.3786	.1071E-01	.2042E-02	0.0012	.9269E-06	.3627E-0
34		*	0.00	0.000	0.000	0.4412	0.0000	.0000E+00	.0000E+00	0.3455	.9768E-02	.1904E-02	0.0012	.9667E-06	.3704E-0
35	*	*	0.38	0.000	0.040	0.4412	0.0000	.0000E+00	.0000E+00	0.3151	.8910E-02	.1775E-02	0.0012	.9989E-06	.3765E-0
36	*	*	0.00	0.000	0.036	0.4412	0.0000	.0000E+00	.0000E+00	0.2873	.8124E-02	.1654E-02	0.0013	.1024E-05	.3812E-0

37	*	*	0.38	0.000	0.035	0.4412	0.0000	.0000E+00	.0000E+00	0.2619	.7405E-02	.1541E-02	0.0013	.1043E-05	.3846E-0
38	*	*	0.06	0.000	0.035	0.4412	0.0000	.0000E+00	.0000E+00	0.2386	.6747E-02	.1435E-02	0.0013	.1056E-05	.3869E-0
39	*	*	0.00	0.000	0.036	0.4412	0.0000	.0000E+00	.0000E+00	0.2173	.6146E-02	.1336E-02	0.0013	.1063E-05	.3883E-0
40	*	*	0.00	0.000	0.025	0.4412	0.0000	.0000E+00	.0000E+00	0.1979	.5595E-02	.1244E-02	0.0013	.1065E-05	.3887E-0
41	*	*	0.00	0.000	0.026	0.4412	0.0000	.0000E+00	.0000E+00	0.1801	.5093E-02	.1158E-02	0.0013	.1064E-05	.3884E-0
42	*	*	0.07	0.000	0.027	0.4412	0.0000	.0000E+00	.0000E+00	0.1639	.4633E-02	.1077E-02	0.0013	.1058E-05	.3874E-0
43	*	*	0.00	0.000	0.029	0.4412	0.0000	.0000E+00	.0000E+00	0.1490	.4214E-02	.1002E-02	0.0013	.1050E-05	.3858E-0
44	*	*	0.31	0.000	0.029	0.4412	0.0000	.0000E+00	.0000E+00	0.1355	.3830E-02	.9316E-03	0.0013	.1038E-05	.3837E-0
45	*	*	0.00	0.000	0.028	0.4412	0.0000	.0000E+00	.0000E+00	0.1231	.3480E-02	.8660E-03	0.0013	.1024E-05	.3811E-0
46	*	*	0.15	0.000	0.030	0.4412	0.0000	.0000E+00	.0000E+00	0.1118	.3161E-02	.8047E-03	0.0006	.5103E-06	.2845E-0
47	*	*	0.01	0.000	0.028	0.4412	0.0000	.0000E+00	.0000E+00	0.1015	.2870E-02	.7476E-03	0.0012	.9915E-06	.3757E-0
48	*	*	0.00	0.000	0.039	0.4412	0.0000	.0000E+00	.0000E+00	0.0921	.2604E-02	.6942E-03	0.0012	.9675E-06	.4642E-0
49		*	0.00	0.134	0.026	0.4432	0.0000	.0000E+00	.0000E+00	0.0835	.2362E-02	.6445E-03	0.0012	.9521E-06	.3674E-0
50		*	0.59	1.092	0.000	0.4498	0.0000	.0000E+00	.0000E+00	0.0757	.2141E-02	.5981E-03	0.0012	.9313E-06	.3634E-0
51		*	0.00	0.146	0.057	0.4498	0.0000	.0000E+00	.0000E+00	0.0686	.1940E-02	.5548E-03	0.0012	.9098E-06	.3592E-0
52		*	0.00	0.000	0.000	0.4498	0.0000	.0000E+00	.0000E+00	0.0621	.1757E-02	.5145E-03	0.0012	.8879E-06	.3548E-0
53		*	0.00	0.000	0.000	0.4498	0.0000	.0000E+00	.0000E+00	0.0562	.1590E-02	.4769E-03	0.0012	.8657E-06	.3504E-0
54		*	0.08	0.055	0.008	0.4526	0.0000	.0000E+00	.0000E+00	0.0509	.1438E-02	.4418E-03	0.0011	.8434E-06	.3458E-0
55		*	0.08	0.057	0.008	0.4552	0.0000	.0000E+00	.0000E+00	0.0460	.1301E-02	.4092E-03	0.0011	.8210E-06	.3412E-0
56		*	0.00	0.000	0.000	0.4552	0.0000	.0000E+00	.0000E+00	0.0416	.1175E-02	.3788E-03	0.0011	.7987E-06	.3365E-0
57		*	0.00	0.000	0.000	0.4552	0.0000	.0000E+00	.0000E+00	0.0375	.1061E-02	.3505E-03	0.0006	.3926E-06	.2496E-0
58		*	0.00	0.000	0.000	0.4552	0.0000	.0000E+00	.0000E+00	0.0339	.9576E-03	.3242E-03	0.0011	.7585E-06	.3283E-0
59		*	0.29	0.266	0.007	0.4580	0.0000	.0000E+00	.0000E+00	0.0305	.8636E-03	.2997E-03	0.0011	.7369E-06	.3236E-0
60	*	*	0.21	0.000	0.041	0.4580	0.0000	.0000E+00	.0000E+00	0.0275	.7783E-03	.2769E-03	0.0011	.7157E-06	.3189E-0
61	*	*	0.20	0.000	0.041	0.4580	0.0000	.0000E+00	.0000E+00	0.0248	.7010E-03	.2557E-03	0.0010	.6949E-06	.3142E-0
62		*	0.03	0.336	0.011	0.4597	0.0000	.0000E+00	.0000E+00	0.0223	.6309E-03	.2360E-03	0.0010	.6745E-06	.3861E-0
63		*	0.00	0.000	0.000	0.4597	0.0000	.0000E+00	.0000E+00	0.0201	.5674E-03	.2177E-03	0.0010	.6506E-06	.3038E-0
64		*	0.00	0.000	0.000	0.4597	0.0000	.0000E+00	.0000E+00	0.0180	.5098E-03	.2007E-03	0.0010	.6311E-06	.2992E-0
65	*	*	0.00	0.000	0.000	0.4597	0.0000	.0000E+00	.0000E+00	0.0162	.4578E-03	.1850E-03	0.0010	.6122E-06	.2947E-0
66		*	0.00	0.000	0.000	0.4597	0.0000	.0000E+00	.0000E+00	0.0145	.4107E-03	.1703E-03	0.0010	.5937E-06	.2902E-0
67			0.00	0.000	0.078	0.4421	3.6871	.0000E+00	.2805E-01	0.0408	.1155E-02	.3646E-03	0.0009	.4966E-06	.2654E-0
68			0.00	0.000	0.117	0.4165	4.5912	.0000E+00	.3668E-01	0.1183	.3344E-02	.8367E-03	0.0007	.3239E-06	.2145E-0
69			0.00	0.000	0.142	0.3869	4.0294	.0000E+00	.3544E-01	0.2015	.5698E-02	.1260E-02	0.0006	.2042E-06	.1703E-0
70			0.00	0.000	0.143	0.3574	3.5819	.0000E+00	.3445E-01	0.2746	.7764E-02	.1597E-02	0.0004	.1308E-06	.1364E-0
71			0.00	0.000	0.104	0.3344	3.1368	.0000E+00	.3347E-01	0.3389	.9582E-02	.1876E-02	0.0004	.8430E-07	.1096E-0
72			0.14	0.000	0.081	0.3387	2.8012	.0000E+00	.3273E-01	0.3954	.1118E-01	.2111E-02	0.0003	.5446E-07	.8818E-0
73			0.22	0.000	0.084	0.3561	2.5894	.0000E+00	.3226E-01	0.4455	.1260E-01	.2313E-02	0.0001	.1717E-07	.5289E-0
74			0.09	0.000	0.098	0.3494	2.4057	.0000E+00	.3185E-01	0.4902	.1386E-01	.2489E-02	0.0002	.2756E-07	.7513E-0
75			0.77	0.033	0.105	0.4493	2.7506	.0000E+00	.3261E-01	0.5313	.1502E-01	.2648E-02	0.0001	.1446E-07	.4563E-0
76			0.00	0.000	0.168	0.4153	4.2461	.0000E+00	.3592E-01	0.5735	.1622E-01	.2808E-02	0.0001	.8317E-08	.3471E-0
77			0.00	0.000	0.099	0.3930	3.7791	.0000E+00	.3489E-01	0.6164	.1743E-01	.2968E-02	0.0001	.4078E-08	.2442E-0
78			0.00	0.000	0.117	0.3678	3.4597	.0000E+00	.3418E-01	0.6535	.1848E-01	.3104E-02	0.0001	.1991E-08	.1717E-0
79			0.00	0.000	0.088	0.3475	3.1429	.0000E+00	.3348E-01	0.6856	.1938E-01	.3221E-02	0.0000	.1026E-08	.1240E-0
80			0.20	0.000	0.102	0.3583	2.8769	.0000E+00	.3289E-01	0.7133	.2017E-01	.3321E-02	0.0000	.6339E-09	.9790E-0
81			0.00	0.000	0.093	0.3374	2.6485	.0000E+00	.3239E-01	0.7373	.2085E-01	.3407E-02	0.0000	.5344E-09	.9001E-0
82			0.00	0.000	0.087	0.3176	2.4256	.0000E+00	.3189E-01	0.7579	.2143E-01	.3480E-02	0.0000	.6318E-09	.9783E-0
83			0.00	0.000	0.078	0.2994	2.2112	.0000E+00	.3142E-01	0.7757	.2193E-01	.3542E-02	0.0000	.9468E-09	.1195E-0
84			0.00	0.000	0.078	0.2813	1.9946	.0000E+00	.3094E-01	0.7907	.2236E-01	.3595E-02	0.0000	.1572E-08	.1535E-0
85			0.24	0.000	0.073	0.3040	1.8247	.0000E+00	.3057E-01	0.8033	.2271E-01	.3639E-02	0.0000	.1015E-08	.1401E-0
86			1.73	0.445	0.072	0.5010	2.4015	.0000E+00	.3184E-01	0.8155	.2306E-01	.3682E-02	0.0001	.3829E-08	.2337E-0
87			0.02	0.000	0.097	0.4815	5.8336	.0000E+00	.3943E-01	0.8363	.2365E-01	.3754E-02	0.0001	.4900E-08	.2610E-0
88			0.44	0.213	0.071	0.5010	5.7576	.0000E+00	.3926E-01	0.8675	.2453E-01	.3862E-02	0.0001	.4959E-08	.2583E-0
89			0.00	0.000	0.120	0.4744	5.7323	.0000E+00	.3921E-01	0.8957	.2533E-01	.3958E-02	0.0001	.4952E-08	.2599E-0
90			0.00	0.000	0.106	0.4504	5.0753	.0000E+00	.3775E-01	0.9201	.2602E-01	.4041E-02	0.0001	.5611E-08	.2791E-0
91			0.00	0.000	0.119	0.4244	4.5746	.0000E+00	.3665E-01	0.9391	.2655E-01	.4105E-02	0.0001	.7885E-08	.4128E-0
92			0.53	0.014	0.085	0.4902	4.5499	.0000E+00	.3659E-01	0.9546	.2699E-01	.4158E-02	0.0001	.1044E-07	.3915E-0
93	*		0.15	0.000	0.073	0.4870	5.7092	.0000E+00	.3915E-01	0.9713	.2746E-01	.4214E-02	0.0001	.1386E-07	.4503E-0
94			0.21	0.066	0.078	0.5010	5.7867	.0000E+00	.3933E-01	0.9909	.2802E-01	.4280E-02	0.0002	.1727E-07	.5023E-0
95			0.84	0.824	0.090	0.4821	5.8417	.0000E+00	.3945E-01	1.0094	.2854E-01	.4341E-02	0.0002	.2162E-07	.5614E-0
96			0.61	0.366	0.091	0.5010	5.7914	.0000E+00	.3934E-01	1.0264	.2902E-01	.4397E-02	0.0002	.2711E-07	.6280E-0
97			0.00	0.000	0.112	0.4757	5.7457	.0000E+00	.3924E-01	1.0417	.2945E-01	.4448E-02	0.0002	.3398E-07	.7024E-0
98			0.00	0.000	0.130	0.4479	5.0760	.0000E+00	.3775E-01	1.0541	.2980E-01	.4489E-02	0.0003	.4285E-07	.7881E-0
99			0.00	0.000	0.109	0.4236	4.5404	.0000E+00	.3657E-01	1.0619	.3003E-01	.4515E-02	0.0001	.2732E-07	.6552E-0
100			0.00	0.000	0.144	0.3936	4.0567	.0000E+00	.3550E-01	1.0661	.3015E-01	.4529E-02	0.0003	.6593E-07	.9743E-0
101			0.00	0.000	0.100	0.3712	3.6697	.0000E+00	.3465E-01	1.0674	.3018E-01	.4533E-02	0.0004	.8299E-07	.1093E-0
102			0.00	0.000	0.102	0.3485	3.3558	.0000E+00	.3395E-01	1.0666	.3016E-01	.4530E-02	0.0004	.1031E-06	.1218E-0
103			0.08	0.000	0.093	0.3409	3.0038	.0000E+00	.3317E-01	1.0639	.3008E-01	.4521E-02	0.0004	.1260E-06	.1347E-0
104			0.00	0.000	0.117	0.3160	2.7369	.0000E+00	.3258E-01	1.0596	.2996E-01	.4507E-02	0.0005	.1518E-06	.1478E-0
105			0.00	0.000	0.138	0.2876	2.4208	.0000E+00	.3188E-01	1.0540	.2980E-01	.4489E-02	0.0005	.1834E-06	.2031E-0
106			0.00	0.000	0.145	0.2582	1.9690	.0000E+00	.3089E-01	1.0467	.2960E-01	.4465E-02	0.0003	.1067E-06	.1322E-0
107			0.04	0.000	0.101	0.2430	1.6871	.0000E+00	.3026E-01	1.0378	.2935E-01	.4435E-02	0.0006	.2450E-06	.1876E-0
108			0.00	0.000	0.123	0.2175	1.2469	.0000E+00	.2929E-01	1.0277	.2906E-01	.4402E-02	0.0007	.2811E-06	.2009E-0
109			0.00	0.000	0.118	0.1931	0.9062	.0000E+00	.2854E-01	1.0161	.2873E-01	.4363E-02	0.0007	.3194E-06	.2142E-0
110			0.00	0.000	0.082	0.1747	0.6604	.0000E+00	.2799E-01	1.0037	.2838E-01	.4322E-02	0.0007	.3595E-06	.2271E-0
111			0.24	0.000	0.069	0.1986	0.2972	.0000E+00	.2719E-01	0.9906	.2801E-01	.4278E-02	0.0008	.4040E-06	.3012E-0
112			0.00	0.000	0.054	0.1874	0.0477	.0000E+00	.1336E-01	0.9636	.2725E-01	.4188E-02	0.0009	.4708E-06	.2592E-0
113			0.00	0.000	0.048	0.1795	0.0000	.0000E+00	.0000E+00	0.9033	.2554E-01	.3984E-02	0.0009	.5717E-06	.2854E-0
114			0.00	0.000	0.043	0.1722	0.0000	.0000E+00	.0000E+00	0.8264	.2337E-01	.3720E-02	0.0010	.6992E-06	.3155E-0
115			0.00	0.000	0.040	0.1656	0.0000	.0000E+00	.0000E+00	0.7559	.2137E-01	.3473E-02	0.0006	.4100E-06	.2561E-0
116			0.01	0.000	0.042	0.1603	0.0000	.0000E+00	.0000E+00	0.6912	.1954E-01	.3241E-02	0.0012	.8898E-06	.3585E-0
117			0.50	0.000	0.041	0.2369	0.0000	.0000E+00	.0000E+00	0.6319	.1787E-01	.3025E-02	0.0012	.9932E-06	.3783E-0
118			0.00	0.000	0.156	0.2109	0.0000	.0000E+00	.0000E+00	0.5775	.1633E-01	.2823E-02	0.0013	.1085E-05	.3950E-0
119			0.13	0.000	0.039	0.2261	0.0000	.0000E+00	.0000E+00	0.5277	.1492E-01	.2634E-02	0.0013	.1164E-05	.4089E-0
120			0.00	0.000	0.185	0.1952	0.0000	.0000E+00	.0000E+00	0.4820	.1363E-01	.2457E-02	0.0014	.1231E-05	.4202E-0
121			0.00	0.000	0.033	0.1897	0.0000	.0000E+00	.0000E+00	0.4401	.1245E-01	.2292E-02	0.0014	.1287E-05	.5364E-0
122			0.00	0.000	0.031	0.1845	0.0000	.0000E+00	.0000E+00	0.4018	.1136E-01	.2137E-02	0.0014	.1352E-05	.4379E-0
123			0.00	0.000	0.030	0.1795	0.0000	.0000E+00	.0000E+00	0.3667	.1037E-01	.1993E-02	0.0015	.1382E-05	.4428E-0
124			0.00	0.000	0.029	0.1747	0.0000	.0000E+00	.0000E+00	0.3345	.9459E-02	.1858E-02	0.0007	.7099E-06	.3356E-0
125			0.00	0.000	0.028	0.1700	0.0000	.0000E+00	.0000E+00	0.3051	.8626E-02	.1731E-02	0.0015	.1403E-05	.4476E-0
126			0.00	0.000	0.028	0.1654	0.0000	.0000E+00	.0000E+00	0.2781	.7865E-02	.1613E-02	0.0015	.1410E-05	.4486E-0
127			0.00	0.000	0.027	0.1609	0.0000	.0000E+00	.0000E+00	0.2535	.7168E-02	.1503E-02	0.0015	.1411E-05	.4486E-0
128			0.00	0.000	0.027	0.1563	0.0000	.0000E+00	.0000E+00	0.2309	.6530E-02	.1400E-02	0.0015	.1405E-05	.5583E-0
129			0.00	0.000	0.028	0.1517	0.0000	.0000E+00	.0000E+00	0.2103	.5947E-02	.1303E-02	0.0015	.1399E-05	.4453E-0
130			0.00	0.000	0.027	0.1472	0.0000	.0000E+00	.0000E+00	0.1915	.5414E-02	.1213E-02	0.0015	.1382E-05	.4426E-0
131			0.00	0.000	0.026	0.1429	0.0000	.0000E+00	.0000E+00	0.1743	.4927E-02	.1129E-02	0.0015	.1362E-05	.4393E-0
132			0.00	0.000	0.026	0.1386	0.0000	.0000E+00	.0000E+00	0.1585	.4482E-02	.1050E-02	0.0014	.1338E-05	.4355E-0

133	0.00	0.000	0.021	0.1350	0.0000	.0000E+00	.0000E+00	0.1441	.4075E-02	.9766E-03	0.0014	.1313E-05	.4313E-0
134	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1310	.3704E-02	.9081E-03	0.0014	.1285E-05	.4267E-0
135	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1190	.3365E-02	.8440E-03	0.0014	.1256E-05	.4219E-0
136	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1081	.3056E-02	.7842E-03	0.0014	.1225E-05	.4168E-0
137	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0981	.2774E-02	.7285E-03	0.0014	.1194E-05	.4114E-0
138	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0890	.2517E-02	.6764E-03	0.0013	.1163E-05	.4059E-0
139	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0807	.2282E-02	.6279E-03	0.0013	.1131E-05	.4003E-0
140	0.21	0.000	0.015	0.1675	0.0000	.0000E+00	.0000E+00	0.0732	.2069E-02	.5826E-03	0.0013	.1099E-05	.3946E-0
141	0.00	0.000	0.010	0.1658	0.0000	.0000E+00	.0000E+00	0.0663	.1874E-02	.5404E-03	0.0013	.1067E-05	.3888E-0
142	0.00	0.000	0.016	0.1631	0.0000	.0000E+00	.0000E+00	0.0600	.1697E-02	.5010E-03	0.0013	.1035E-05	.3830E-0
143	1.10	0.051	0.024	0.3340	0.0000	.0000E+00	.0000E+00	0.0543	.1535E-02	.4643E-03	0.0006	.5017E-06	.2838E-0
144	0.00	0.000	0.227	0.2926	0.6377	.0000E+00	.2131E-01	0.0703	.1987E-02	.5628E-03	0.0012	.9360E-06	.3630E-0
145	0.22	0.000	0.264	0.2806	0.9337	.0000E+00	.2860E-01	0.1262	.3569E-02	.8810E-03	0.0011	.7820E-06	.3289E-0
146	0.24	0.000	0.175	0.2867	0.7994	.0000E+00	.2830E-01	0.1887	.5335E-02	.1199E-02	0.0010	.6150E-06	.2913E-0
147	0.00	0.000	0.207	0.2474	0.6426	.0000E+00	.2795E-01	0.2449	.6925E-02	.1463E-02	0.0009	.4868E-06	.2595E-0
148	0.21	0.000	0.184	0.2472	0.4854	.0000E+00	.2761E-01	0.2955	.8354E-02	.1689E-02	0.0008	.3931E-06	.2334E-0
149	0.00	0.000	0.236	0.2033	0.3315	.0000E+00	.2726E-01	0.3408	.9636E-02	.1884E-02	0.0007	.3232E-06	.2635E-0
150	0.00	0.000	0.205	0.1646	0.1842	.0000E+00	.2694E-01	0.3814	.1079E-01	.2054E-02	0.0006	.2531E-06	.1898E-0
151	0.00	0.000	0.175	0.1354	0.0212	.0000E+00	.0000E+00	0.3914	.1107E-01	.2095E-02	0.0006	.2437E-06	.1862E-0
152	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.3571	.1010E-01	.1953E-02	0.0003	.1415E-06	.1505E-0
153	0.27	0.000	0.039	0.1736	0.0000	.0000E+00	.0000E+00	0.3258	.9211E-02	.1820E-02	0.0007	.3062E-06	.2103E-0
154	0.00	0.000	0.047	0.1658	0.0000	.0000E+00	.0000E+00	0.2971	.8400E-02	.1696E-02	0.0007	.3417E-06	.2219E-0
155	0.00	0.000	0.052	0.1571	0.0000	.0000E+00	.0000E+00	0.2708	.7657E-02	.1581E-02	0.0008	.3744E-06	.2321E-0
156	0.00	0.000	0.048	0.1492	0.0000	.0000E+00	.0000E+00	0.2468	.6978E-02	.1472E-02	0.0008	.4030E-06	.3014E-0
157	0.00	0.000	0.046	0.1416	0.0000	.0000E+00	.0000E+00	0.2248	.6357E-02	.1371E-02	0.0008	.4414E-06	.2504E-0
158	0.39	0.000	0.053	0.1977	0.0000	.0000E+00	.0000E+00	0.2047	.5788E-02	.1276E-02	0.0008	.4639E-06	.2567E-0
159	0.78	0.018	0.056	0.3153	0.0000	.0000E+00	.0000E+00	0.1864	.5269E-02	.1188E-02	0.0009	.4833E-06	.2620E-0
160	0.00	0.000	0.290	0.2648	0.0491	.0000E+00	.1337E-01	0.1828	.5170E-02	.1171E-02	0.0009	.4761E-06	.2600E-0
161	0.49	0.000	0.199	0.3087	0.1564	.0000E+00	.2688E-01	0.2145	.6066E-02	.1322E-02	0.0008	.4111E-06	.2416E-0
162	0.00	0.000	0.224	0.2669	0.0629	.0000E+00	.2667E-01	0.2650	.7493E-02	.1554E-02	0.0007	.3292E-06	.2163E-0
163	0.06	0.000	0.235	0.2333	0.0558	.0000E+00	.2666E-01	0.3108	.8789E-02	.1756E-02	0.0006	.2677E-06	.1951E-0
164	0.00	0.000	0.267	0.1882	0.0063	.0000E+00	.3753E-02	0.3300	.9331E-02	.1838E-02	0.0003	.1224E-06	.1400E-0
165	0.00	0.000	0.236	0.1488	0.0000	.0000E+00	.0000E+00	0.3070	.8680E-02	.1739E-02	0.0006	.2609E-06	.1938E-0
166	0.00	0.000	0.083	0.1350	0.0000	.0000E+00	.0000E+00	0.2799	.7913E-02	.1621E-02	0.0007	.2900E-06	.2045E-0
167	0.06	0.000	0.016	0.1423	0.0000	.0000E+00	.0000E+00	0.2551	.7212E-02	.1510E-02	0.0007	.3197E-06	.2145E-0
168	0.68	0.000	0.069	0.2441	0.0000	.0000E+00	.0000E+00	0.2324	.6571E-02	.1406E-02	0.0007	.3469E-06	.2233E-0
169	0.46	0.000	0.201	0.2871	0.0000	.0000E+00	.0000E+00	0.2116	.5984E-02	.1309E-02	0.0008	.3715E-06	.2309E-0
170	0.00	0.000	0.291	0.2387	0.0000	.0000E+00	.0000E+00	0.1927	.5448E-02	.1219E-02	0.0008	.3934E-06	.2375E-0
171	0.00	0.000	0.250	0.1971	0.0000	.0000E+00	.0000E+00	0.1754	.4958E-02	.1134E-02	0.0008	.4127E-06	.2431E-0
172	0.00	0.000	0.212	0.1617	0.0000	.0000E+00	.0000E+00	0.1595	.4510E-02	.1055E-02	0.0008	.4294E-06	.2479E-0
173	0.00	0.000	0.160	0.1350	0.0000	.0000E+00	.0000E+00	0.1450	.4101E-02	.9814E-03	0.0008	.4435E-06	.2519E-0
174	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1318	.3728E-02	.9125E-03	0.0008	.4553E-06	.2551E-0
175	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1198	.3387E-02	.8482E-03	0.0008	.4648E-06	.2577E-0
176	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1088	.3076E-02	.7881E-03	0.0009	.4722E-06	.2596E-0
177	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0987	.2792E-02	.7321E-03	0.0009	.4777E-06	.2611E-0
178	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0896	.2533E-02	.6798E-03	0.0009	.4814E-06	.2620E-0
179	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0812	.2297E-02	.6310E-03	0.0009	.4814E-06	.3278E-0
180	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0736	.2082E-02	.5855E-03	0.0009	.4861E-06	.2627E-0
181	0.06	0.000	0.015	0.1425	0.0000	.0000E+00	.0000E+00	0.0667	.1886E-02	.5431E-03	0.0009	.4850E-06	.2623E-0
182	0.07	0.000	0.039	0.1476	0.0000	.0000E+00	.0000E+00	0.0604	.1708E-02	.5035E-03	0.0009	.4826E-06	.2617E-0
183	0.00	0.000	0.047	0.1397	0.0000	.0000E+00	.0000E+00	0.0547	.1546E-02	.4667E-03	0.0004	.2396E-06	.1960E-0
184	0.00	0.000	0.024	0.1357	0.0000	.0000E+00	.0000E+00	0.0494	.1398E-02	.4324E-03	0.0009	.4745E-06	.2599E-0
185	0.61	0.000	0.062	0.2270	0.0000	.0000E+00	.0000E+00	0.0447	.1264E-02	.4004E-03	0.0009	.4698E-06	.2586E-0
186	0.52	0.000	0.074	0.3014	0.0000	.0000E+00	.0000E+00	0.0404	.1142E-02	.3706E-03	0.0008	.4644E-06	.2571E-0
187	0.00	0.000	0.288	0.2511	0.0019	.0000E+00	.1327E-01	0.0496	.1403E-02	.4323E-03	0.0008	.4389E-06	.2488E-0
188	0.00	0.000	0.248	0.2065	0.0267	.0000E+00	.1975E-01	0.0857	.2424E-02	.6561E-03	0.0008	.3712E-06	.2814E-0
189	0.00	0.000	0.258	0.1636	0.0000	.0000E+00	.0000E+00	0.1094	.3094E-02	.7916E-03	0.0007	.2926E-06	.2039E-0
190	1.06	0.039	0.147	0.3093	0.0000	.0000E+00	.0000E+00	0.0993	.2808E-02	.7353E-03	0.0003	.1508E-06	.1554E-0
191	0.00	0.000	0.308	0.2557	0.1280	.0000E+00	.1355E-01	0.1036	.2928E-02	.7589E-03	0.0007	.2917E-06	.2032E-0
192	0.00	0.000	0.282	0.2042	0.1504	.0000E+00	.2686E-01	0.1424	.4027E-02	.9666E-03	0.0006	.2476E-06	.1848E-0
193	0.00	0.000	0.229	0.1638	0.0259	.0000E+00	.1332E-01	0.1858	.5254E-02	.1185E-02	0.0006	.1909E-06	.1618E-0
194	0.14	0.000	0.250	0.1455	0.0000	.0000E+00	.0000E+00	0.1905	.5385E-02	.1208E-02	0.0005	.1673E-06	.1539E-0
195	0.38	0.000	0.081	0.1953	0.0000	.0000E+00	.0000E+00	0.1733	.4901E-02	.1124E-02	0.0005	.1754E-06	.1589E-0
196	0.00	0.000	0.202	0.1616	0.0000	.0000E+00	.0000E+00	0.1577	.4458E-02	.1046E-02	0.0005	.1914E-06	.1659E-0
197	0.23	0.000	0.172	0.1713	0.0000	.0000E+00	.0000E+00	0.1434	.4053E-02	.9726E-03	0.0006	.2062E-06	.1721E-0
198	0.00	0.000	0.120	0.1512	0.0000	.0000E+00	.0000E+00	0.1303	.3684E-02	.9043E-03	0.0006	.2197E-06	.1775E-0
199	0.00	0.000	0.080	0.1378	0.0000	.0000E+00	.0000E+00	0.1184	.3347E-02	.8405E-03	0.0006	.2318E-06	.1823E-0
200	0.00	0.000	0.013	0.1356	0.0000	.0000E+00	.0000E+00	0.1075	.3039E-02	.7810E-03	0.0006	.2426E-06	.1864E-0
201	0.00	0.000	0.003	0.1351	0.0000	.0000E+00	.0000E+00	0.0976	.2759E-02	.7254E-03	0.0006	.2522E-06	.2374E-0
202	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0885	.2503E-02	.6736E-03	0.0006	.2641E-06	.1937E-0
203	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0803	.2270E-02	.6252E-03	0.0006	.2708E-06	.1961E-0
204	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0727	.2057E-02	.5801E-03	0.0007	.2764E-06	.1981E-0
205	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0659	.1863E-02	.5381E-03	0.0007	.2809E-06	.1997E-0
206	0.11	0.000	0.039	0.1468	0.0000	.0000E+00	.0000E+00	0.0597	.1687E-02	.4989E-03	0.0007	.2844E-06	.2009E-0
207	0.02	0.000	0.054	0.1412	0.0000	.0000E+00	.0000E+00	0.0540	.1527E-02	.4623E-03	0.0007	.2870E-06	.2019E-0
208	0.00	0.000	0.026	0.1369	0.0000	.0000E+00	.0000E+00	0.0488	.1381E-02	.4283E-03	0.0007	.2887E-06	.2025E-0
209	0.87	0.010	0.111	0.2617	0.0000	.0000E+00	.0000E+00	0.0441	.1248E-02	.3966E-03	0.0007	.2897E-06	.2028E-0
210	0.12	0.000	0.174	0.2528	0.0000	.0000E+00	.0000E+00	0.0399	.1127E-02	.3671E-03	0.0007	.2899E-06	.2029E-0
211	0.00	0.000	0.255	0.2104	0.0000	.0000E+00	.0000E+00	0.0360	.1018E-02	.3396E-03	0.0007	.2896E-06	.2028E-0
212	0.00	0.000	0.298	0.1608	0.0000	.0000E+00	.0000E+00	0.0325	.9182E-03	.3140E-03	0.0007	.2886E-06	.2024E-0
213	1.65	0.215	0.172	0.3713	0.0000	.0000E+00	.0000E+00	0.0293	.8279E-03	.2902E-03	0.0003	.1436E-06	.1517E-0
214	0.00	0.000	0.241	0.3262	1.4784	.0000E+00	.2980E-01	0.0559	.1582E-02	.4685E-03	0.0006	.2513E-06	.1866E-0
215	1.37	0.175	0.164	0.4927	2.6974	.0000E+00	.3250E-01	0.1307	.3695E-02	.9042E-03	0.0005	.1664E-06	.1476E-0
216	0.00	0.000	0.260	0.4429	5.2941	.0000E+00	.3824E-01	0.2089	.5906E-02	.1295E-02	0.0004	.8913E-07	.1070E-0
217	0.00	0.000	0.258	0.3938	4.2695	.0000E+00	.3597E-01	0.2873	.8125E-02	.1653E-02	0.0003	.4107E-07	.7118E-0
218	0.00	0.000	0.241	0.3479	3.5537	.0000E+00	.3439E-01	0.3539	.1001E-01	.1939E-02	0.0002	.1550E-07	.5198E-0
219	0.00	0.000	0.208	0.3077	2.9636	.0000E+00	.3308E-01	0.4110	.1162E-01	.2175E-02	0.0001	.1678E-08	.1564E-0
220	1.22	0.120	0.258	0.4426	2.5847	.0000E+00	.3225E-01	0.4603	.1302E-01	.2372E-02	0.0000	.2339E-12	.3077E-0
221	0.00	0.000	0.204	0.4026	3.9546	.0000E+00	.3528E-01	0.5072	.1434E-01	.2555E-02	0.0000	.0000E+00	.0000E+0
222	0.13	0.000	0.153	0.3930	3.5894	.0000E+00	.3447E-01	0.5542	.1567E-01	.2735E-02	0.0000	.0000E+00	.0000E+0
223	0.00	0.000	0.224	0.3502	3.1731	.0000E+00	.3355E-01	0.5951	.1683E-01	.2889E-02	0.0000	.0000E+00	.0000E+0
224	0.21	0.000	0.170	0.3513	2.7885	.0000E+00	.3270E-01	0.6303	.1782E-01	.3019E-02	0.0000	.0000E+00	.0000E+0
225	0.00	0.000	0.194	0.3136	2.5015	.0000E+00	.3206E-01	0.6605	.1868E-01	.3130E-02	0.0000	.0000E+00	.0000E+0
226	1.37	0.165	0.249	0.4676	2.6201	.0000E+00	.3233E-01	0.6875	.1944E-01	.3228E-02	0.0000	.0000E+00	.0000E+0
227	0.00	0.000	0.278	0.4151	4.5860	.0000E+00	.3667E-01	0.7169	.2027E-01	.3334E-02	0.0000	.0000E+00	.0000E+0
228	0.00	0.000	0.281	0.3624	3.7678	.0000E+00	.3486E-01	0.7491	.2118E-01	.3449E-02	0.0000	.0000E+00	.0000E+0

229	0.00	0.000	0.237	0.3175	3.0214	.0000E+00	.3321E-01	0.7741	.2189E-01	.3537E-02	0.0000	.0000E+00	.0000E+0
230	0.00	0.000	0.252	0.2702	2.2946	.0000E+00	.3161E-01	0.7928	.2242E-01	.3603E-02	0.0000	.0000E+00	.0000E+0
231	0.00	0.000	0.187	0.2340	1.7302	.0000E+00	.3036E-01	0.8061	.2279E-01	.3649E-02	0.0000	.0000E+00	.0000E+0
232	0.00	0.000	0.258	0.1863	1.0310	.0000E+00	.2881E-01	0.8148	.2304E-01	.3679E-02	0.0000	.0000E+00	.0000E+0
233	0.81	0.006	0.216	0.2796	0.5729	.0000E+00	.2780E-01	0.8192	.2316E-01	.3695E-02	0.0000	.0000E+00	.0000E+0
234	0.00	0.000	0.197	0.2423	0.2340	.0000E+00	.2705E-01	0.8209	.2321E-01	.3701E-02	0.0000	.0000E+00	.0000E+0
235	0.00	0.000	0.202	0.2055	0.0511	.0000E+00	.1821E-01	0.8125	.2297E-01	.3671E-02	0.0000	.0000E+00	.0000E+0
236	0.00	0.000	0.221	0.1688	0.0000	.0000E+00	.0000E+00	0.7724	.2184E-01	.3531E-02	0.0000	.0000E+00	.0000E+0
237	0.14	0.000	0.131	0.1702	0.0000	.0000E+00	.0000E+00	0.7064	.1997E-01	.3296E-02	0.0001	.3253E-08	.2190E-0
238	0.00	0.000	0.166	0.1425	0.0000	.0000E+00	.0000E+00	0.6458	.1826E-01	.3076E-02	0.0002	.1782E-07	.5072E-0
239	0.00	0.000	0.041	0.1355	0.0000	.0000E+00	.0000E+00	0.5903	.1669E-01	.2871E-02	0.0001	.2068E-07	.5728E-0
240	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.5394	.1525E-01	.2679E-02	0.0003	.6040E-07	.9507E-0
241	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.4927	.1393E-01	.2499E-02	0.0004	.9304E-07	.1173E-0
242	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4500	.1272E-01	.2331E-02	0.0004	.1287E-06	.1374E-0
243	0.02	0.000	0.020	0.1350	0.0000	.0000E+00	.0000E+00	0.4108	.1161E-01	.2174E-02	0.0005	.1657E-06	.1555E-0
244	0.06	0.000	0.039	0.1384	0.0000	.0000E+00	.0000E+00	0.3749	.1060E-01	.2027E-02	0.0006	.2029E-06	.1717E-0
245	0.00	0.000	0.011	0.1366	0.0000	.0000E+00	.0000E+00	0.3421	.9672E-02	.1890E-02	0.0006	.2394E-06	.1862E-0
246	0.00	0.000	0.007	0.1355	0.0000	.0000E+00	.0000E+00	0.3120	.8821E-02	.1761E-02	0.0006	.2744E-06	.1991E-0
247	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.2845	.8043E-02	.1641E-02	0.0007	.3074E-06	.2105E-0
248	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.2593	.7331E-02	.1529E-02	0.0007	.3380E-06	.2205E-0
249	0.12	0.000	0.045	0.1475	0.0000	.0000E+00	.0000E+00	0.2362	.6679E-02	.1424E-02	0.0007	.3659E-06	.2293E-0
250	0.00	0.000	0.041	0.1406	0.0000	.0000E+00	.0000E+00	0.2152	.6084E-02	.1326E-02	0.0008	.3910E-06	.2369E-0
251	0.10	0.000	0.056	0.1479	0.0000	.0000E+00	.0000E+00	0.1959	.5539E-02	.1234E-02	0.0008	.4134E-06	.3044E-0
252	0.00	0.000	0.049	0.1397	0.0000	.0000E+00	.0000E+00	0.1783	.5041E-02	.1149E-02	0.0008	.4413E-06	.2503E-0
253	0.00	0.000	0.020	0.1363	0.0000	.0000E+00	.0000E+00	0.1622	.4586E-02	.1069E-02	0.0008	.4572E-06	.2548E-0
254	0.00	0.000	0.006	0.1354	0.0000	.0000E+00	.0000E+00	0.1475	.4171E-02	.9940E-03	0.0004	.2371E-06	.1942E-0
255	0.70	0.000	0.085	0.2379	0.0000	.0000E+00	.0000E+00	0.1341	.3791E-02	.9242E-03	0.0009	.4757E-06	.2607E-0
256	0.00	0.000	0.168	0.2100	0.0000	.0000E+00	.0000E+00	0.1218	.3445E-02	.8591E-03	0.0009	.4850E-06	.2632E-0
257	0.00	0.000	0.140	0.1867	0.0000	.0000E+00	.0000E+00	0.1106	.3128E-02	.7984E-03	0.0009	.4922E-06	.2651E-0
258	0.00	0.000	0.083	0.1729	0.0000	.0000E+00	.0000E+00	0.1004	.2840E-02	.7416E-03	0.0009	.4974E-06	.2664E-0
259	0.00	0.000	0.128	0.1516	0.0000	.0000E+00	.0000E+00	0.0911	.2577E-02	.6887E-03	0.0009	.5008E-06	.2673E-0
260	0.06	0.000	0.115	0.1424	0.0000	.0000E+00	.0000E+00	0.0827	.2337E-02	.6393E-03	0.0009	.5003E-06	.3342E-0
261	0.00	0.000	0.027	0.1380	0.0000	.0000E+00	.0000E+00	0.0749	.2118E-02	.5933E-03	0.0009	.5048E-06	.2676E-0
262	0.00	0.000	0.012	0.1360	0.0000	.0000E+00	.0000E+00	0.0679	.1919E-02	.5503E-03	0.0009	.5031E-06	.2672E-0
263	2.86	0.850	0.094	0.4553	0.0000	.0000E+00	.0000E+00	0.0615	.1738E-02	.5103E-03	0.0004	.2524E-06	.2003E-0
264	0.00	0.000	0.111	0.4310	3.7052	.0000E+00	.3472E-01	0.0901	.2548E-02	.6783E-03	0.0008	.4500E-06	.2505E-0
265	0.00	0.000	0.140	0.4016	4.2190	.0000E+00	.3586E-01	0.1731	.4893E-02	.1121E-02	0.0007	.3281E-06	.2098E-0
266	0.00	0.000	0.095	0.3799	3.7915	.0000E+00	.3491E-01	0.2497	.7061E-02	.1485E-02	0.0006	.2154E-06	.1700E-0
267	0.00	0.000	0.111	0.3558	3.4789	.0000E+00	.3422E-01	0.3176	.8980E-02	.1785E-02	0.0005	.1428E-06	.1385E-0
268	0.00	0.000	0.133	0.3280	3.0457	.0000E+00	.3327E-01	0.3777	.1068E-01	.2038E-02	0.0004	.9552E-07	.1132E-0
269	0.00	0.000	0.125	0.3018	2.7086	.0000E+00	.3252E-01	0.4304	.1217E-01	.2253E-02	0.0003	.6458E-07	.9312E-0
270	0.00	0.000	0.115	0.2774	2.2976	.0000E+00	.3161E-01	0.4766	.1348E-01	.2436E-02	0.0003	.4435E-07	.7719E-0
271	0.00	0.000	0.115	0.2531	1.8820	.0000E+00	.3069E-01	0.5165	.1461E-01	.2591E-02	0.0002	.3125E-07	.6488E-0
272	0.00	0.000	0.125	0.2273	1.5444	.0000E+00	.2995E-01	0.5509	.1558E-01	.2723E-02	0.0002	.2292E-07	.5567E-0
273	0.00	0.000	0.116	0.2031	1.0193	.0000E+00	.2879E-01	0.5801	.1640E-01	.2833E-02	0.0002	.1777E-07	.6162E-0
274	0.00	0.000	0.114	0.1795	0.7586	.0000E+00	.2821E-01	0.6044	.1709E-01	.2924E-02	0.0001	.1357E-07	.4427E-0
275	0.07	0.000	0.143	0.1639	0.3118	.0000E+00	.2054E-01	0.6181	.1748E-01	.2974E-02	0.0001	.1404E-07	.4503E-0
276	0.00	0.000	0.118	0.1443	0.0000	.0000E+00	.0000E+00	0.5979	.1691E-01	.2899E-02	0.0002	.2361E-07	.5828E-0
277	0.05	0.000	0.084	0.1386	0.0000	.0000E+00	.0000E+00	0.5464	.1545E-01	.2705E-02	0.0003	.4779E-07	.8272E-0
278	0.00	0.000	0.010	0.1370	0.0000	.0000E+00	.0000E+00	0.4991	.1411E-01	.2524E-02	0.0003	.7709E-07	.1049E-0
279	0.00	0.000	0.008	0.1357	0.0000	.0000E+00	.0000E+00	0.4558	.1289E-01	.2354E-02	0.0004	.1097E-06	.1251E-0
280	0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.4162	.1177E-01	.2196E-02	0.0005	.1440E-06	.1432E-0
281	0.80	0.004	0.057	0.2583	0.0000	.0000E+00	.0000E+00	0.3798	.1074E-01	.2047E-02	0.0005	.1789E-06	.1596E-0
282	0.00	0.000	0.082	0.2447	0.0000	.0000E+00	.0000E+00	0.3466	.9799E-02	.1909E-02	0.0006	.2133E-06	.1742E-0
283	0.00	0.000	0.067	0.2335	0.0000	.0000E+00	.0000E+00	0.3161	.8938E-02	.1779E-02	0.0003	.1234E-06	.1405E-0
284	0.00	0.000	0.072	0.2215	0.0000	.0000E+00	.0000E+00	0.2882	.8150E-02	.1658E-02	0.0006	.2662E-06	.1960E-0
285	0.00	0.000	0.056	0.2122	0.0000	.0000E+00	.0000E+00	0.2627	.7429E-02	.1544E-02	0.0007	.2962E-06	.2066E-0
286	0.00	0.000	0.057	0.2027	0.0000	.0000E+00	.0000E+00	0.2394	.6769E-02	.1438E-02	0.0007	.3240E-06	.2159E-0
287	0.00	0.000	0.066	0.1918	0.0000	.0000E+00	.0000E+00	0.2180	.6165E-02	.1339E-02	0.0007	.3485E-06	.2803E-0
288	0.11	0.000	0.072	0.1982	0.0000	.0000E+00	.0000E+00	0.1985	.5614E-02	.1247E-02	0.0008	.3813E-06	.2327E-0
289	0.01	0.000	0.044	0.1925	0.0000	.0000E+00	.0000E+00	0.1807	.5109E-02	.1160E-02	0.0008	.4007E-06	.2385E-0
290	0.19	0.000	0.069	0.2128	0.0000	.0000E+00	.0000E+00	0.1644	.4648E-02	.1080E-02	0.0008	.4176E-06	.2435E-0
291	0.00	0.000	0.043	0.2056	0.0000	.0000E+00	.0000E+00	0.1495	.4227E-02	.1004E-02	0.0004	.2175E-06	.1861E-0
292	0.15	0.000	0.066	0.2197	0.0000	.0000E+00	.0000E+00	0.1359	.3843E-02	.9339E-03	0.0008	.4379E-06	.2502E-0
293	0.00	0.000	0.051	0.2112	0.0000	.0000E+00	.0000E+00	0.1235	.3492E-02	.8681E-03	0.0008	.4484E-06	.2531E-0
294	0.00	0.000	0.040	0.2045	0.0000	.0000E+00	.0000E+00	0.1122	.3172E-02	.8068E-03	0.0008	.4568E-06	.2554E-0
295	0.00	0.000	0.033	0.1990	0.0000	.0000E+00	.0000E+00	0.1018	.2879E-02	.7495E-03	0.0008	.4633E-06	.2571E-0
296	0.00	0.000	0.032	0.1937	0.0000	.0000E+00	.0000E+00	0.0924	.2613E-02	.6960E-03	0.0008	.4679E-06	.2584E-0
297	0.00	0.000	0.037	0.1875	0.0000	.0000E+00	.0000E+00	0.0838	.2370E-02	.6462E-03	0.0009	.4708E-06	.2591E-0
298	0.35	0.000	0.057	0.2363	0.0000	.0000E+00	.0000E+00	0.0760	.2148E-02	.5996E-03	0.0009	.4723E-06	.2595E-0
299	0.00	0.000	0.040	0.2296	0.0000	.0000E+00	.0000E+00	0.0688	.1947E-02	.5563E-03	0.0009	.4723E-06	.2595E-0
300	0.00	0.000	0.041	0.2227	0.0000	.0000E+00	.0000E+00	0.0623	.1763E-02	.5158E-03	0.0009	.4712E-06	.2591E-0
301	0.00	0.000	0.050	0.2144	0.0000	.0000E+00	.0000E+00	0.0564	.1596E-02	.4781E-03	0.0009	.4689E-06	.2584E-0
302	0.00	0.000	0.041	0.2075	0.0000	.0000E+00	.0000E+00	0.0511	.1443E-02	.4430E-03	0.0008	.4657E-06	.2575E-0
303	0.00	0.000	0.045	0.2001	0.0000	.0000E+00	.0000E+00	0.0462	.1305E-02	.4103E-03	0.0008	.4616E-06	.2564E-0
304	0.05	0.000	0.062	0.1980	0.0000	.0000E+00	.0000E+00	0.0417	.1179E-02	.3798E-03	0.0008	.4568E-06	.2550E-0
305	1.56	0.192	0.065	0.4151	0.0000	.0000E+00	.0000E+00	0.0377	.1065E-02	.3515E-03	0.0008	.4513E-06	.2534E-0
306	0.00	0.000	0.051	0.4010	3.0220	.0000E+00	.3321E-01	0.0669	.1893E-02	.5382E-03	0.0008	.4004E-06	.2360E-0
307	0.29	0.000	0.069	0.4320	3.5767	.0000E+00	.3444E-01	0.1481	.4188E-02	.9952E-03	0.0007	.2820E-06	.2394E-0
308	0.00	0.000	0.065	0.4152	4.0494	.0000E+00	.3549E-01	0.2252	.6368E-02	.1372E-02	0.0005	.1450E-06	.1436E-0
309	0.25	0.000	0.068	0.4398	3.8212	.0000E+00	.3498E-01	0.2968	.8393E-02	.1695E-02	0.0004	.8776E-07	.1118E-0
310	0.18	0.000	0.055	0.4545	4.4164	.0000E+00	.3630E-01	0.3629	.1026E-01	.1977E-02	0.0001	.2550E-07	.6377E-0
311	0.00	0.000	0.039	0.4418	4.5625	.0000E+00	.3662E-01	0.4258	.1204E-01	.2234E-02	0.0002	.3584E-07	.8383E-0
312	0.00	0.000	0.043	0.4287	4.3347	.0000E+00	.3612E-01	0.4835	.1367E-01	.2463E-02	0.0001	.1293E-07	.4313E-0
313	0.00	0.000	0.048	0.4147	4.0497	.0000E+00	.3549E-01	0.5348	.1512E-01	.2662E-02	0.0001	.5325E-08	.2780E-0
314	0.00	0.000	0.045	0.4015	3.7964	.0000E+00	.3493E-01	0.5803	.1641E-01	.2834E-02	0.0000	.1698E-08	.1583E-0
315	0.52	0.003	0.055	0.4726	4.0105	.0000E+00	.3540E-01	0.6216	.1758E-01	.2988E-02	0.0000	.2685E-09	.6382E-0
316	0.00	0.000	0.042	0.4593	5.1371	.0000E+00	.3789E-01	0.6627	.1874E-01	.3138E-02	0.0000	.0000E+00	.1110E-1
317	0.00	0.000	0.049	0.4450	4.8150	.0000E+00	.3718E-01	0.7037	.1990E-01	.3286E-02	0.0000	.2547E-12	.9518E-0
318	0.35	0.003	0.064	0.4859	4.8612	.0000E+00	.3728E-01	0.7402	.2093E-01	.3417E-02	0.0000	.0000E+00	.0000E+0
319	0.00	0.000	0.055	0.4704	5.5170	.0000E+00	.3873E-01	0.7753	.2192E-01	.3541E-02	0.0000	.0000E+00	.0000E+0
320	0.00	0.000	0.055	0.4549	5.1037	.0000E+00	.3782E-01	0.8090	.2287E-01	.3659E-02	0.0000	.0000E+00	.0000E+0
321	0.27	0.001	0.066	0.4826	5.0132	.0000E+00	.3762E-01	0.8381	.2370E-01	.3760E-02	0.0000	.0000E+00	.0000E+0
322	0.00	0.000	0.065	0.4653	5.4266	.0000E+00	.3853E-01	0.8655	.2447E-01	.3855E-02	0.0000	.0000E+00	.0000E+0
323	0.00	0.000	0.054	0.4500	4.9775	.0000E+00	.3754E-01	0.8911	.2520E-01	.3942E-02	0.0000	.0000E+00	.0000E+0
324	0.00	0.000	0.059	0.4340	4.6376	.0000E+00	.3679E-01	0.9122	.2579E-01	.4014E-02	0.0000	.0000E+00	.0000E+0

325		0.00	0.000	0.060	0.4179	4.3091	.0000E+00	.3606E-01	0.9296	.2629E-01	.4073E-02	0.0000	.0000E+00	.0000E+0
326		0.00	0.000	0.050	0.4036	3.9963	.0000E+00	.3537E-01	0.9438	.2669E-01	.4121E-02	0.0000	.0000E+00	.0000E+0
327		0.11	0.000	0.063	0.4057	3.7484	.0000E+00	.3482E-01	0.9551	.2701E-01	.4159E-02	0.0000	.0000E+00	.0000E+0
328		0.00	0.000	0.057	0.3904	3.5251	.0000E+00	.3433E-01	0.9641	.2726E-01	.4190E-02	0.0000	.2546E-09	.6604E-0
329		0.00	0.000	0.059	0.3749	3.2852	.0000E+00	.3380E-01	0.9711	.2746E-01	.4213E-02	0.0000	.1610E-08	.1560E-0
330		0.01	0.000	0.061	0.3608	3.0556	.0000E+00	.3329E-01	0.9761	.2760E-01	.4230E-02	0.0001	.4457E-08	.2576E-0
331		0.00	0.000	0.053	0.3466	2.9378	.0000E+00	.3303E-01	0.9797	.2770E-01	.4242E-02	0.0001	.9007E-08	.3642E-0
332		0.00	0.000	0.054	0.3322	2.7589	.0000E+00	.3263E-01	0.9821	.2777E-01	.4250E-02	0.0002	.1538E-07	.4742E-0
333		0.00	0.000	0.068	0.3156	2.5611	.0000E+00	.3219E-01	0.9833	.2780E-01	.4254E-02	0.0002	.2373E-07	.5876E-0
334		0.00	0.000	0.061	0.3001	2.3601	.0000E+00	.3175E-01	0.9832	.2780E-01	.4254E-02	0.0001	.1707E-07	.5173E-0
335		0.12	0.000	0.052	0.3062	2.1712	.0000E+00	.3133E-01	0.9820	.2777E-01	.4250E-02	0.0003	.4345E-07	.7933E-0
336		0.14	0.000	0.048	0.3165	1.9722	.0000E+00	.3089E-01	0.9798	.2770E-01	.4242E-02	0.0003	.5767E-07	.9131E-0
337		0.00	0.000	0.034	0.3058	1.8358	.0000E+00	.3059E-01	0.9767	.2762E-01	.4232E-02	0.0003	.7400E-07	.1034E-0
338	*	0.00	0.000	0.029	0.2958	1.6824	.0000E+00	.3025E-01	0.9731	.2751E-01	.4220E-02	0.0004	.9456E-07	.1460E-0
339		0.00	0.000	0.039	0.2843	1.5302	.0000E+00	.2992E-01	0.9689	.2740E-01	.4206E-02	0.0004	.1182E-06	.1303E-0
340		0.12	0.000	0.050	0.2911	1.3772	.0000E+00	.2958E-01	0.9642	.2726E-01	.4190E-02	0.0005	.1407E-06	.1421E-0
341		0.03	0.000	0.055	0.2820	1.2253	.0000E+00	.2924E-01	0.9590	.2711E-01	.4172E-02	0.0005	.1648E-06	.1537E-0
342		0.00	0.000	0.035	0.2713	1.0722	.0000E+00	.2890E-01	0.9533	.2695E-01	.4153E-02	0.0005	.1903E-06	.1651E-0
343		0.00	0.000	0.038	0.2601	0.9325	.0000E+00	.2859E-01	0.9472	.2678E-01	.4133E-02	0.0006	.2172E-06	.1763E-0
344		0.00	0.000	0.039	0.2490	0.7974	.0000E+00	.2830E-01	0.9409	.2660E-01	.4112E-02	0.0006	.2451E-06	.1872E-0
345		0.19	0.000	0.058	0.2663	0.6615	.0000E+00	.2799E-01	0.9343	.2642E-01	.4089E-02	0.0006	.2738E-06	.1978E-0
346		0.00	0.000	0.036	0.2556	0.5267	.0000E+00	.2770E-01	0.9275	.2622E-01	.4066E-02	0.0007	.3032E-06	.2081E-0
347		0.00	0.000	0.046	0.2433	0.3937	.0000E+00	.2740E-01	0.9204	.2603E-01	.4042E-02	0.0004	.1666E-06	.1629E-0
348		0.00	0.000	0.053	0.2300	0.2608	.0000E+00	.2711E-01	0.9132	.2582E-01	.4018E-02	0.0007	.3548E-06	.2254E-0
349		0.69	0.000	0.060	0.3305	0.1288	.0000E+00	.2682E-01	0.9058	.2561E-01	.3993E-02	0.0008	.3851E-06	.2348E-0
350		0.51	0.002	0.048	0.4020	1.6975	.0000E+00	.3028E-01	0.9020	.2550E-01	.3980E-02	0.0008	.4128E-06	.3046E-0
351		0.00	0.000	0.032	0.3910	3.1853	.0000E+00	.3357E-01	0.9073	.2566E-01	.3998E-02	0.0008	.4351E-06	.2491E-0
352		0.00	0.000	0.040	0.3788	2.9886	.0000E+00	.3314E-01	0.9171	.2593E-01	.4031E-02	0.0004	.2199E-06	.1885E-0
353		0.75	0.031	0.047	0.4850	3.5574	.0000E+00	.3440E-01	0.9266	.2620E-01	.4063E-02	0.0008	.4549E-06	.2544E-0
354	*	0.00	0.000	0.030	0.4735	5.4467	.0000E+00	.3857E-01	0.9415	.2662E-01	.4114E-02	0.0008	.4622E-06	.2562E-0
355	*	0.34	0.000	0.035	0.4704	5.2196	.0000E+00	.3807E-01	0.9615	.2719E-01	.4181E-02	0.0008	.4641E-06	.3213E-0
356	*	0.00	0.000	0.026	0.4674	5.1352	.0000E+00	.3789E-01	0.9787	.2767E-01	.4239E-02	0.0008	.4655E-06	.2577E-0
357	*	0.00	0.000	0.029	0.4644	5.0517	.0000E+00	.3770E-01	0.9941	.2811E-01	.4290E-02	0.0009	.4731E-06	.2598E-0
358	*	0.23	0.000	0.000	0.4614	4.9690	.0000E+00	.3752E-01	1.0077	.2849E-01	.4335E-02	0.0009	.4836E-06	.2627E-0
359	*	0.00	0.000	0.032	0.4585	4.8940	.0000E+00	.3735E-01	1.0198	.2883E-01	.4375E-02	0.0009	.4966E-06	.2662E-0
360		0.00	0.000	0.037	0.4556	4.8134	.0000E+00	.3717E-01	1.0304	.2913E-01	.4411E-02	0.0009	.5120E-06	.2703E-0
361	*	0.00	0.000	0.032	0.4527	4.7332	.0000E+00	.3700E-01	1.0397	.2940E-01	.4441E-02	0.0009	.5294E-06	.2749E-0
362	*	0.00	0.000	0.036	0.4499	4.6543	.0000E+00	.3682E-01	1.0477	.2962E-01	.4468E-02	0.0009	.5486E-06	.2798E-0
363		0.00	0.000	0.032	0.4692	4.7532	.0000E+00	.3704E-01	1.0550	.2983E-01	.4492E-02	0.0009	.5690E-06	.2849E-0
364		0.00	0.000	0.036	0.4570	4.9716	.0000E+00	.3752E-01	1.0626	.3005E-01	.4517E-02	0.0010	.5893E-06	.2900E-0
365		0.00	0.000	0.042	0.4438	4.7278	.0000E+00	.3699E-01	1.0698	.3025E-01	.4541E-02	0.0010	.6102E-06	.2951E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 5

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	4.75	2.72	4.29	3.34	1.98	3.25
	4.13	6.92	3.90	1.78	3.54	3.12
RUNOFF	3.023	2.017	1.026	1.270	0.051	0.018
	0.049	0.680	0.850	0.004	0.198	0.034
EVAPOTRANSPIRATION	0.798	0.559	2.496	2.868	2.100	3.092
	3.885	5.689	2.315	1.758	1.700	1.208
PERCOLATION/LEAKAGE THROUGH	0.7294	0.0000	0.8136	0.7333	0.1880	0.0973
LAYER 2	0.0867	0.7052	0.3265	0.0488	1.0296	1.0157
LATERAL DRAINAGE COLLECTED	0.7181	0.1216	0.4078	0.7891	0.1812	0.1738
FROM LAYER 3	0.0782	0.4888	0.2069	0.2130	0.5839	0.8513
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1142	0.0274	0.0694	0.1219	0.0387	0.0377
LAYER 4	0.0205	0.0834	0.0423	0.0429	0.0947	0.1306
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0363	0.1016	0.0365	0.0566	0.1190	0.0713
LAYER 7	0.0631	0.0137	0.0608	0.0622	0.0147	0.0672

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.809	0.000	2.677	2.456	0.130	0.011
TOP OF LAYER 2	0.011	1.895	0.923	0.035	3.922	2.818
STD. DEVIATION OF DAILY	1.684	0.000	1.812	2.252	0.270	0.032
HEAD ON TOP OF LAYER 2	0.035	1.693	1.454	0.146	1.137	1.888
AVERAGE DAILY HEAD ON	0.819	0.154	0.465	0.930	0.207	0.205
TOP OF LAYER 4	0.089	0.558	0.244	0.243	0.688	0.971

STD. DEVIATION OF DAILY	0.141	0.114	0.331	0.176	0.119	0.085
HEAD ON TOP OF LAYER 4	0.047	0.233	0.154	0.186	0.304	0.050
AVERAGE DAILY HEAD ON	0.000	0.001	0.000	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.001	0.001	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 5

	INCHES	CU. FEET	PERCENT
PRECIPITATION	43.72	396758.875	100.00
RUNOFF	9.221	83684.492	21.09
EVAPOTRANSPIRATION	28.466	258326.578	65.11
PERC./LEAKAGE THROUGH LAYER 2	5.774063	52399.617	13.21
AVG. HEAD ON TOP OF LAYER 2	1.3905		
DRAINAGE COLLECTED FROM LAYER 3	4.8137	43683.969	11.01
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.823709	7475.163	1.88
AVG. HEAD ON TOP OF LAYER 4	0.4644		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	1.198	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.703105	6380.682	1.61
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	0.516	4682.343	1.18
SOIL WATER AT START OF YEAR	285.092	2587205.500	
SOIL WATER AT END OF YEAR	285.607	2591888.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	-0.388	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 6

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.01	0.000	0.050	0.4310	4.4775	.0000E+00	.3643E-01	1.0749	.3039E-01	.4558E-02	0.0005	.3131E-06	.2249E-0
2	*		0.00	0.000	0.038	0.4187	4.2470	.0000E+00	.3592E-01	1.0783	.3049E-01	.4568E-02	0.0010	.6541E-06	.3053E-0
3			0.34	0.000	0.056	0.4601	4.1969	.0000E+00	.3581E-01	1.0804	.3055E-01	.4576E-02	0.0010	.6811E-06	.3116E-0
4	*		0.00	0.000	0.036	0.4479	4.8321	.0000E+00	.3722E-01	1.0836	.3064E-01	.4586E-02	0.0010	.7074E-06	.3175E-0
5	*		0.00	0.000	0.000	0.4418	4.6008	.0000E+00	.3670E-01	1.0883	.3077E-01	.4601E-02	0.0011	.7315E-06	.3228E-0
6	*		0.00	0.000	0.000	0.4357	4.4323	.0000E+00	.3633E-01	1.0914	.3086E-01	.4611E-02	0.0011	.7560E-06	.3282E-0
7	*		0.10	0.000	0.028	0.4330	4.2655	.0000E+00	.3596E-01	1.0933	.3091E-01	.4618E-02	0.0011	.7822E-06	.3339E-0
8	*		0.00	0.000	0.044	0.4284	4.1299	.0000E+00	.3566E-01	1.0941	.3094E-01	.4620E-02	0.0011	.8096E-06	.4255E-0
9	*		0.00	0.000	0.035	0.4167	3.9778	.0000E+00	.3533E-01	1.0940	.3093E-01	.4620E-02	0.0011	.8448E-06	.3470E-0
10	*		0.00	0.000	0.036	0.4049	3.7579	.0000E+00	.3484E-01	1.0930	.3090E-01	.4617E-02	0.0012	.8741E-06	.3529E-0
11			0.00	0.000	0.043	0.3919	3.5396	.0000E+00	.3436E-01	1.0907	.3084E-01	.4609E-02	0.0012	.9044E-06	.3590E-0
12	*	*	0.00	0.000	0.000	0.3870	1.5458	.0000E+00	.2995E-01	1.0835	.3064E-01	.4586E-02	0.0006	.4708E-06	.2743E-0
13		*	0.16	0.019	0.009	0.4041	0.8129	.0000E+00	.2833E-01	1.0681	.3020E-01	.4535E-02	0.0012	.9753E-06	.3733E-0

14		*	0.00	0.000	0.000	0.3994	0.6829	.0000E+00	.2804E-01	1.0512	.2972E-01	.4479E-02	0.0013	.1024E-05	.3825E-0
15	*	*	0.00	0.000	0.000	0.3948	0.5541	.0000E+00	.2776E-01	1.0349	.2926E-01	.4425E-02	0.0013	.1071E-05	.4895E-0
16	*	*	0.26	0.000	0.033	0.3902	0.4267	.0000E+00	.2748E-01	1.0191	.2882E-01	.4373E-02	0.0013	.1127E-05	.4004E-0
17	*	*	0.00	0.000	0.033	0.3857	0.3006	.0000E+00	.2720E-01	1.0040	.2839E-01	.4323E-02	0.0013	.1165E-05	.4071E-0
18	*	*	0.16	0.000	0.032	0.3812	0.1757	.0000E+00	.2692E-01	0.9893	.2797E-01	.4274E-02	0.0014	.1199E-05	.4130E-0
19	*	*	0.07	0.000	0.026	0.3777	0.0521	.0000E+00	.2133E-01	0.9699	.2742E-01	.4209E-02	0.0014	.1240E-05	.4199E-0
20	*	*	0.00	0.000	0.023	0.3777	0.0000	.0000E+00	.0000E+00	0.9219	.2607E-01	.4047E-02	0.0007	.6665E-06	.3266E-0
21	*	*	0.00	0.000	0.037	0.3777	0.0000	.0000E+00	.0000E+00	0.8435	.2385E-01	.3779E-02	0.0015	.1423E-05	.5679E-0
22	*	*	0.00	0.000	0.035	0.3777	0.0000	.0000E+00	.0000E+00	0.7716	.2182E-01	.3528E-02	0.0016	.1616E-05	.4789E-0
23	*	*	0.00	0.000	0.037	0.3777	0.0000	.0000E+00	.0000E+00	0.7056	.1995E-01	.3293E-02	0.0008	.8631E-06	.3720E-0
24	*	*	0.00	0.000	0.030	0.3777	0.0000	.0000E+00	.0000E+00	0.6451	.1824E-01	.3074E-02	0.0017	.1776E-05	.5046E-0
25	*	*	0.00	0.000	0.031	0.3777	0.0000	.0000E+00	.0000E+00	0.5896	.1667E-01	.2868E-02	0.0017	.1852E-05	.6434E-0
26	*	*	0.02	0.000	0.030	0.3777	0.0000	.0000E+00	.0000E+00	0.5388	.1523E-01	.2676E-02	0.0017	.1941E-05	.5245E-0
27	*	*	0.00	0.000	0.038	0.3777	0.0000	.0000E+00	.0000E+00	0.4921	.1392E-01	.2497E-02	0.0018	.1977E-05	.5294E-0
28	*	*	0.39	0.000	0.029	0.3777	0.0000	.0000E+00	.0000E+00	0.4494	.1271E-01	.2329E-02	0.0018	.1999E-05	.5323E-0
29		*	0.00	0.005	0.036	0.3856	0.0000	.0000E+00	.0000E+00	0.4103	.1160E-01	.2172E-02	0.0009	.1018E-05	.4015E-0
30		*	0.00	0.167	0.018	0.4114	0.0000	.0000E+00	.0000E+00	0.3745	.1059E-01	.2025E-02	0.0018	.1993E-05	.5333E-0
31		*	0.00	0.000	0.057	0.4114	0.0000	.0000E+00	.0000E+00	0.3417	.9661E-02	.1888E-02	0.0018	.1984E-05	.5320E-0
32		*	0.05	0.004	0.008	0.4177	0.0000	.0000E+00	.0000E+00	0.3116	.8811E-02	.1760E-02	0.0017	.1967E-05	.5295E-0
33		*	0.00	0.000	0.000	0.4177	0.0000	.0000E+00	.0000E+00	0.2841	.8034E-02	.1640E-02	0.0017	.1942E-05	.5261E-0
34		*	0.00	0.000	0.000	0.4177	0.0000	.0000E+00	.0000E+00	0.2590	.7322E-02	.1527E-02	0.0017	.1912E-05	.5218E-0
35	*	*	0.43	0.000	0.033	0.4177	0.0000	.0000E+00	.0000E+00	0.2360	.6672E-02	.1423E-02	0.0017	.1862E-05	.6443E-0
36	*	*	0.22	0.000	0.031	0.4177	0.0000	.0000E+00	.0000E+00	0.2149	.6076E-02	.1325E-02	0.0017	.1835E-05	.5099E-0
37	*	*	0.00	0.000	0.041	0.4177	0.0000	.0000E+00	.0000E+00	0.1957	.5532E-02	.1233E-02	0.0017	.1791E-05	.5037E-0
38		*	0.00	0.431	0.004	0.4362	0.0000	.0000E+00	.0000E+00	0.1781	.5035E-02	.1148E-02	0.0016	.1745E-05	.4972E-0
39		*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.1620	.4581E-02	.1068E-02	0.0016	.1697E-05	.4904E-0
40		*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.1473	.4166E-02	.9931E-03	0.0016	.1649E-05	.4833E-0
41		*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.1339	.3786E-02	.9234E-03	0.0016	.1599E-05	.4760E-0
42		*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.1217	.3440E-02	.8583E-03	0.0016	.1550E-05	.4686E-0
43	*	*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.1105	.3125E-02	.7976E-03	0.0008	.7613E-06	.3471E-0
44	*	*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.1003	.2836E-02	.7409E-03	0.0015	.1459E-05	.4554E-0
45	*	*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.0910	.2574E-02	.6881E-03	0.0015	.1411E-05	.4478E-0
46		*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.0826	.2334E-02	.6387E-03	0.0015	.1364E-05	.4403E-0
47		*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.0748	.2116E-02	.5927E-03	0.0014	.1318E-05	.4327E-0
48	*	*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.0678	.1917E-02	.5498E-03	0.0014	.1272E-05	.4252E-0
49		*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.0614	.1736E-02	.5098E-03	0.0014	.1228E-05	.4177E-0
50		*	0.00	0.000	0.000	0.4362	0.0000	.0000E+00	.0000E+00	0.0556	.1571E-02	.4725E-03	0.0014	.1185E-05	.4103E-0
51		*	0.01	0.000	0.006	0.4370	0.0000	.0000E+00	.0000E+00	0.0503	.1421E-02	.4378E-03	0.0013	.1143E-05	.4030E-0
52		*	0.06	0.021	0.007	0.4423	0.0000	.0000E+00	.0000E+00	0.0454	.1285E-02	.4054E-03	0.0013	.1103E-05	.3958E-0
53		*	0.00	0.000	0.000	0.4423	0.0000	.0000E+00	.0000E+00	0.0411	.1161E-02	.3753E-03	0.0013	.1064E-05	.4845E-0
54		*	0.33	0.278	0.007	0.4496	0.0000	.0000E+00	.0000E+00	0.0371	.1048E-02	.3473E-03	0.0013	.1019E-05	.3800E-0
55			0.78	0.541	0.082	0.4712	3.6974	.0000E+00	.2807E-01	0.0613	.1733E-02	.5043E-03	0.0012	.8904E-06	.3553E-0
56			0.67	0.385	0.067	0.5010	5.6849	.0000E+00	.3910E-01	0.1393	.3940E-02	.9489E-03	0.0010	.6510E-06	.3039E-0
57			0.00	0.000	0.101	0.4777	5.7625	.0000E+00	.3927E-01	0.2284	.6459E-02	.1387E-02	0.0008	.4608E-06	.2558E-0
58			0.70	0.452	0.069	0.5010	5.7558	.0000E+00	.3926E-01	0.3102	.8770E-02	.1753E-02	0.0007	.3316E-06	.2171E-0
59			0.23	0.223	0.074	0.4833	5.8180	.0000E+00	.3940E-01	0.3850	.1089E-01	.2068E-02	0.0006	.2412E-06	.1853E-0
60			0.00	0.000	0.076	0.4643	5.3381	.0000E+00	.3833E-01	0.4528	.1280E-01	.2342E-02	0.0005	.1779E-06	.1592E-0
61			0.00	0.000	0.084	0.4442	4.8581	.0000E+00	.3727E-01	0.5121	.1448E-01	.2574E-02	0.0005	.1346E-06	.1386E-0
62			0.00	0.000	0.091	0.4229	4.4481	.0000E+00	.3637E-01	0.5638	.1594E-01	.2771E-02	0.0004	.1051E-06	.1225E-0
63	*		0.08	0.000	0.053	0.4202	4.1288	.0000E+00	.3566E-01	0.6090	.1722E-01	.2941E-02	0.0004	.8486E-07	.1102E-0
64			0.00	0.000	0.091	0.4003	3.9559	.0000E+00	.3528E-01	0.6490	.1835E-01	.3088E-02	0.0003	.7097E-07	.1008E-0
65			0.00	0.000	0.079	0.3813	3.7380	.0000E+00	.3480E-01	0.6845	.1936E-01	.3217E-02	0.0003	.6153E-07	.9394E-0
66	*		0.00	0.000	0.073	0.3635	3.4644	.0000E+00	.3419E-01	0.7158	.2024E-01	.3330E-02	0.0003	.5558E-07	.8933E-0
67			0.00	0.000	0.076	0.3452	3.1958	.0000E+00	.3360E-01	0.7428	.2100E-01	.3426E-02	0.0001	.2620E-07	.6441E-0
68	*		0.00	0.000	0.062	0.3293	2.9304	.0000E+00	.3301E-01	0.7661	.2166E-01	.3509E-02	0.0003	.5294E-07	.8623E-0
69	*		0.52	0.000	0.036	0.3272	2.7403	.0000E+00	.3259E-01	0.7861	.2223E-01	.3579E-02	0.0003	.5452E-07	.1092E-0
70			0.00	0.000	0.040	0.3925	2.5907	.0000E+00	.3226E-01	0.8034	.2272E-01	.3640E-02	0.0003	.5507E-07	.8900E-0
71			0.00	0.000	0.108	0.3690	2.9641	.0000E+00	.3309E-01	0.8196	.2317E-01	.3696E-02	0.0003	.5852E-07	.9175E-0
72			0.58	0.003	0.089	0.4447	3.0776	.0000E+00	.3334E-01	0.8360	.2364E-01	.3753E-02	0.0003	.6230E-07	.9465E-0
73			0.00	0.000	0.089	0.4240	4.2542	.0000E+00	.3594E-01	0.8541	.2415E-01	.3816E-02	0.0002	.3287E-07	.7211E-0
74			0.00	0.000	0.094	0.4024	3.9020	.0000E+00	.3516E-01	0.8741	.2472E-01	.3884E-02	0.0003	.6920E-07	.9893E-0
75			0.00	0.000	0.091	0.3815	3.5936	.0000E+00	.3448E-01	0.8905	.2518E-01	.3940E-02	0.0003	.7377E-07	.1023E-0
76			0.00	0.000	0.089	0.3610	3.2997	.0000E+00	.3383E-01	0.9038	.2555E-01	.3986E-02	0.0004	.8051E-07	.1070E-0
77			0.91	0.053	0.068	0.4868	3.5249	.0000E+00	.3433E-01	0.9154	.2588E-01	.4025E-02	0.0004	.8896E-07	.1126E-0
78			0.00	0.000	0.104	0.4630	5.4053	.0000E+00	.3848E-01	0.9311	.2633E-01	.4078E-02	0.0004	.9700E-07	.1174E-0
79			0.00	0.000	0.129	0.4353	4.8104	.0000E+00	.3717E-01	0.9508	.2688E-01	.4145E-02	0.0004	.1034E-06	.1211E-0
80			0.00	0.000	0.115	0.4100	4.3039	.0000E+00	.3605E-01	0.9657	.2730E-01	.4195E-02	0.0004	.1114E-06	.1259E-0
81			0.00	0.000	0.096	0.3882	3.8863	.0000E+00	.3512E-01	0.9766	.2761E-01	.4232E-02	0.0004	.1227E-06	.1323E-0
82			0.01	0.000	0.115	0.3650	3.6337	.0000E+00	.3457E-01	0.9846	.2784E-01	.4258E-02	0.0005	.1368E-06	.1398E-0
83			0.00	0.000	0.103	0.3422	3.2754	.0000E+00	.3377E-01	0.9902	.2800E-01	.4277E-02	0.0005	.1534E-06	.1481E-0
84			0.00	0.000	0.111	0.3182	2.8914	.0000E+00	.3292E-01	0.9933	.2809E-01	.4287E-02	0.0005	.1725E-06	.1571E-0
85			0.00	0.000	0.131	0.2910	2.5566	.0000E+00	.3218E-01	0.9940	.2811E-01	.4290E-02	0.0006	.1973E-06	.2101E-0
86			0.00	0.000	0.125	0.2650	2.0449	.0000E+00	.3105E-01	0.9923	.2806E-01	.4284E-02	0.0006	.2254E-06	.1796E-0
87			0.00	0.000	0.129	0.2384	1.7168	.0000E+00	.3033E-01	0.9882	.2794E-01	.4270E-02	0.0006	.2536E-06	.1905E-0
88			0.00	0.000	0.126	0.2125	1.2205	.0000E+00	.2923E-01	0.9822	.2777E-01	.4250E-02	0.0007	.2843E-06	.2016E-0
89			0.91	0.019	0.092	0.3409	0.8702	.0000E+00	.2846E-01	0.9742	.2755E-01	.4224E-02	0.0007	.3175E-06	.2130E-0
90			0.06	0.000	0.100	0.3294	1.3162	.0000E+00	.2944E-01	0.9665	.2733E-01	.4198E-02	0.0007	.3506E-06	.2238E-0
91			0.00	0.000	0.101	0.3076	1.4553	.0000E+00	.2975E-01	0.9614	.2718E-01	.4181E-02	0.0008	.3813E-06	.2333E-0
92			0.00	0.000	0.096	0.2867	1.2828	.0000E+00	.2937E-01	0.9568	.2705E-01	.4165E-02	0.0008	.4114E-06	.2423E-0
93			0.43	0.000	0.113	0.3347	1.0968	.0000E+00	.2896E-01	0.9516	.2691E-01	.4148E-02	0.0008	.4420E-06	.2512E-0
94			0.00	0.000	0.149	0.3050	0.9665	.0000E+00	.2867E-01	0.9459	.2674E-01	.4128E-02	0.0009	.4731E-06	.2598E-0
95			0.00	0.000	0.167	0.2724	1.0738	.0000E+00	.2891E-01	0.9404	.2659E-01	.4110E-02	0.0009	.5034E-06	.2680E-0
96			0.00	0.000	0.204	0.2336	0.8919	.0000E+00	.2850E-01	0.9353	.2645E-01	.4093E-02	0.0009	.5327E-06	.2756E-0
97			0.00	0.000	0.206	0.1946	0.7311	.0000E+00	.2815E-01	0.9296	.2629E-01	.4073E-02	0.0009	.5622E-06	.2831E-0
98			0.00	0.000	0.156	0.1639	0.4676	.0000E+00	.2757E-01	0.9233	.2611E-01	.4052E-02	0.0010	.5919E-06	.2905E-0
99			0.00	0.000	0.139	0.1407	0.0284	.0000E+00	.0000E+00	0.8892	.2514E-01	.3936E-02	0.0005	.3277E-06	.2295E-0
100			0.00	0.000	0.034	0.1350	0.0000	.0000E+00	.0000E+00	0.8135	.2300E-01	.3675E-02	0.0011	.7427E-06	.3283E-0
101			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7440	.2104E-01	.3430E-02	0.0011	.8659E-06	.4439E-0
102			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6803	.1924E-01	.3202E-02	0.0013	.1022E-05	.3810E-0
103			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6219	.1758E-01	.2988E-02	0.0013	.1120E-05	.3988E-0
104			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5684	.1607E-01	.2789E-02	0.0007	.6027E-06	.3108E-0
105			0.09	0.000	0.010	0.1484	0.0000	.0000E+00	.0000E+00	0.5193	.1468E-01	.2602E-02	0.0014	.1246E-05	.4229E-0
106			0.05	0.000	0.021	0.1532	0.0000	.0000E+00	.0000E+00	0.4743	.1341E-01	.2427E-02	0.0014	.1310E-05	.4332E-0
107			0.00	0.000	0.014	0.1508	0.0000	.0000E+00	.0000E+00	0.4331	.1225E-01	.2264E-02	0.0014	.1361E-05	.4414E-0
108			0.00	0.000	0.022	0.1472	0.0000	.0000E+00	.0000E+00	0.3953	.1118E-01	.2111E-02	0.0015	.1400E-05	.4475E-0
109			0.00	0.000	0.021	0.1437	0.0000	.0000E+00	.0000E+00	0.3608	.1020E-01	.1968E-02	0.0015	.1429E-05	.4520E-0

110	0.00	0.000	0.020	0.1404	0.0000	.0000E+00	.0000E+00	0.3291	.9306E-02	.1835E-02	0.0015	.1440E-05	.5677E-0
111	0.00	0.000	0.023	0.1365	0.0000	.0000E+00	.0000E+00	0.3001	.8486E-02	.1710E-02	0.0015	.1471E-05	.4567E-0
112	0.32	0.000	0.024	0.1858	0.0000	.0000E+00	.0000E+00	0.2736	.7736E-02	.1593E-02	0.0015	.1472E-05	.4568E-0
113	0.27	0.000	0.024	0.2268	0.0000	.0000E+00	.0000E+00	0.2493	.7050E-02	.1484E-02	0.0015	.1466E-05	.4559E-0
114	0.00	0.000	0.024	0.2228	0.0000	.0000E+00	.0000E+00	0.2272	.6423E-02	.1382E-02	0.0015	.1455E-05	.4541E-0
115	0.65	0.003	0.030	0.3258	0.0000	.0000E+00	.0000E+00	0.2069	.5849E-02	.1287E-02	0.0015	.1439E-05	.4516E-0
116	0.00	0.000	0.155	0.2953	0.3841	.0000E+00	.2738E-01	0.2155	.6093E-02	.1327E-02	0.0007	.6790E-06	.3281E-0
117	1.11	0.097	0.154	0.4336	1.1919	.0000E+00	.2917E-01	0.2692	.7611E-02	.1573E-02	0.0014	.1203E-05	.4099E-0
118	0.45	0.010	0.171	0.4724	4.3910	.0000E+00	.3624E-01	0.3282	.9279E-02	.1830E-02	0.0013	.1015E-05	.3762E-0
119	0.48	0.074	0.196	0.5010	5.4838	.0000E+00	.3866E-01	0.3960	.1120E-01	.2113E-02	0.0012	.8442E-06	.3425E-0
120	0.00	0.000	0.175	0.4654	5.6424	.0000E+00	.3901E-01	0.4623	.1307E-01	.2380E-02	0.0011	.6988E-06	.3116E-0
121	0.62	0.216	0.152	0.5010	5.5120	.0000E+00	.3872E-01	0.5233	.1480E-01	.2617E-02	0.0010	.5847E-06	.2852E-0
122	0.00	0.000	0.197	0.4617	5.6065	.0000E+00	.3893E-01	0.5789	.1637E-01	.2828E-02	0.0009	.4971E-06	.3278E-0
123	0.19	0.000	0.169	0.4590	4.8296	.0000E+00	.3721E-01	0.6286	.1777E-01	.3013E-02	0.0008	.4084E-06	.2411E-0
124	0.02	0.000	0.178	0.4266	4.6320	.0000E+00	.3677E-01	0.6709	.1897E-01	.3168E-02	0.0008	.3658E-06	.2283E-0
125	0.00	0.000	0.173	0.3919	4.1587	.0000E+00	.3573E-01	0.7079	.2002E-01	.3302E-02	0.0007	.3348E-06	.2184E-0
126	0.11	0.000	0.210	0.3694	3.6096	.0000E+00	.3451E-01	0.7390	.2090E-01	.3413E-02	0.0007	.3141E-06	.2116E-0
127	0.08	0.000	0.180	0.3472	3.1243	.0000E+00	.3344E-01	0.7645	.2162E-01	.3503E-02	0.0003	.1490E-06	.1552E-0
128	0.71	0.011	0.213	0.4226	2.8696	.0000E+00	.3288E-01	0.7856	.2221E-01	.3577E-02	0.0007	.2998E-06	.2059E-0
129	0.00	0.000	0.227	0.3791	3.4775	.0000E+00	.3422E-01	0.8054	.2277E-01	.3647E-02	0.0007	.2955E-06	.2045E-0
130	0.00	0.000	0.205	0.3395	3.0199	.0000E+00	.3321E-01	0.8247	.2332E-01	.3714E-02	0.0007	.2930E-06	.2037E-0
131	0.41	0.000	0.151	0.3773	2.6922	.0000E+00	.3248E-01	0.8401	.2375E-01	.3767E-02	0.0007	.2942E-06	.2043E-0
132	0.00	0.000	0.219	0.3355	2.4018	.0000E+00	.3184E-01	0.8524	.2410E-01	.3810E-02	0.0007	.2994E-06	.2586E-0
133	0.96	0.052	0.238	0.4419	2.4394	.0000E+00	.3193E-01	0.8627	.2439E-01	.3845E-02	0.0007	.3085E-06	.2099E-0
134	0.32	0.000	0.178	0.4594	4.4293	.0000E+00	.3633E-01	0.8766	.2479E-01	.3893E-02	0.0007	.3143E-06	.2118E-0
135	0.00	0.000	0.260	0.4100	4.4115	.0000E+00	.3629E-01	0.8965	.2535E-01	.3961E-02	0.0007	.3148E-06	.2120E-0
136	0.07	0.000	0.260	0.3726	3.7049	.0000E+00	.3472E-01	0.9131	.2582E-01	.4017E-02	0.0007	.3196E-06	.2137E-0
137	0.00	0.000	0.219	0.3306	3.1208	.0000E+00	.3343E-01	0.9246	.2614E-01	.4056E-02	0.0007	.3304E-06	.2172E-0
138	0.14	0.000	0.181	0.3183	2.7185	.0000E+00	.3254E-01	0.9321	.2636E-01	.4082E-02	0.0004	.1728E-06	.1659E-0
139	0.00	0.000	0.248	0.2716	2.2208	.0000E+00	.3144E-01	0.9365	.2648E-01	.4097E-02	0.0007	.3602E-06	.2266E-0
140	0.02	0.000	0.183	0.2393	1.8103	.0000E+00	.3053E-01	0.9378	.2652E-01	.4101E-02	0.0008	.3811E-06	.2332E-0
141	0.00	0.000	0.243	0.1940	1.1381	.0000E+00	.2905E-01	0.9361	.2647E-01	.4095E-02	0.0008	.4054E-06	.2406E-0
142	0.00	0.000	0.175	0.1602	0.5495	.0000E+00	.2775E-01	0.9309	.2632E-01	.4078E-02	0.0008	.4334E-06	.2489E-0
143	0.00	0.000	0.095	0.1444	0.0028	.0000E+00	.0000E+00	0.8964	.2535E-01	.3960E-02	0.0009	.4874E-06	.3320E-0
144	0.00	0.000	0.056	0.1350	0.0000	.0000E+00	.0000E+00	0.8201	.2319E-01	.3698E-02	0.0010	.6282E-06	.2991E-0
145	0.26	0.000	0.033	0.1728	0.0000	.0000E+00	.0000E+00	0.7501	.2121E-01	.3452E-02	0.0011	.7449E-06	.3255E-0
146	0.14	0.000	0.046	0.1884	0.0000	.0000E+00	.0000E+00	0.6859	.1939E-01	.3222E-02	0.0006	.4275E-06	.2614E-0
147	0.00	0.000	0.045	0.1809	0.0000	.0000E+00	.0000E+00	0.6271	.1773E-01	.3007E-02	0.0012	.9147E-06	.3631E-0
148	0.05	0.000	0.050	0.1809	0.0000	.0000E+00	.0000E+00	0.5731	.1620E-01	.2806E-02	0.0012	.1005E-05	.3804E-0
149	0.00	0.000	0.050	0.1725	0.0000	.0000E+00	.0000E+00	0.5236	.1481E-01	.2619E-02	0.0013	.1085E-05	.3948E-0
150	0.26	0.000	0.050	0.2075	0.0000	.0000E+00	.0000E+00	0.4783	.1352E-01	.2443E-02	0.0013	.1153E-05	.4067E-0
151	0.55	0.000	0.166	0.2715	0.0000	.0000E+00	.0000E+00	0.4367	.1235E-01	.2278E-02	0.0014	.1209E-05	.4163E-0
152	0.00	0.000	0.238	0.2318	0.0000	.0000E+00	.0000E+00	0.3987	.1127E-01	.2125E-02	0.0014	.1255E-05	.4239E-0
153	0.00	0.000	0.285	0.1843	0.0000	.0000E+00	.0000E+00	0.3638	.1029E-01	.1981E-02	0.0014	.1291E-05	.4297E-0
154	0.00	0.000	0.224	0.1469	0.0000	.0000E+00	.0000E+00	0.3319	.9384E-02	.1846E-02	0.0014	.1317E-05	.4339E-0
155	0.00	0.000	0.071	0.1351	0.0000	.0000E+00	.0000E+00	0.3027	.8558E-02	.1721E-02	0.0014	.1335E-05	.4367E-0
156	0.83	0.006	0.064	0.2617	0.0000	.0000E+00	.0000E+00	0.2759	.7802E-02	.1603E-02	0.0014	.1345E-05	.4382E-0
157	0.00	0.000	0.177	0.2322	0.0000	.0000E+00	.0000E+00	0.2515	.7111E-02	.1494E-02	0.0014	.1348E-05	.4386E-0
158	0.80	0.015	0.217	0.3269	0.0000	.0000E+00	.0000E+00	0.2291	.6478E-02	.1391E-02	0.0014	.1337E-05	.5465E-0
159	0.00	0.000	0.252	0.2803	0.4839	.0000E+00	.2760E-01	0.2361	.6675E-02	.1423E-02	0.0014	.1268E-05	.4240E-0
160	0.00	0.000	0.273	0.2302	0.5680	.0000E+00	.2779E-01	0.2870	.8114E-02	.1652E-02	0.0013	.1083E-05	.3919E-0
161	0.29	0.000	0.209	0.2391	0.4225	.0000E+00	.2747E-01	0.3335	.9430E-02	.1853E-02	0.0012	.9361E-06	.3645E-0
162	0.72	0.007	0.233	0.3146	0.2655	.0000E+00	.2712E-01	0.3753	.1061E-01	.2028E-02	0.0011	.8207E-06	.3413E-0
163	0.00	0.000	0.233	0.2714	0.1799	.0000E+00	.2693E-01	0.4128	.1167E-01	.2182E-02	0.0005	.3665E-06	.2417E-0
164	0.00	0.000	0.212	0.2316	0.2264	.0000E+00	.2703E-01	0.4469	.1264E-01	.2319E-02	0.0010	.6800E-06	.3090E-0
165	0.00	0.000	0.256	0.1850	0.0849	.0000E+00	.2335E-01	0.4747	.1342E-01	.2429E-02	0.0010	.6184E-06	.3679E-0
166	0.00	0.000	0.255	0.1424	0.0000	.0000E+00	.0000E+00	0.4710	.1332E-01	.2414E-02	0.0010	.5983E-06	.2916E-0
167	0.00	0.000	0.045	0.1350	0.0000	.0000E+00	.0000E+00	0.4300	.1216E-01	.2252E-02	0.0010	.6573E-06	.3056E-0
168	0.60	0.000	0.127	0.2139	0.0000	.0000E+00	.0000E+00	0.3925	.1110E-01	.2100E-02	0.0010	.7099E-06	.3175E-0
169	0.00	0.000	0.189	0.1824	0.0000	.0000E+00	.0000E+00	0.3582	.1013E-01	.1957E-02	0.0005	.3806E-06	.2462E-0
170	0.00	0.000	0.251	0.1406	0.0000	.0000E+00	.0000E+00	0.3268	.9239E-02	.1825E-02	0.0011	.7782E-06	.3340E-0
171	0.00	0.000	0.027	0.1361	0.0000	.0000E+00	.0000E+00	0.2980	.8425E-02	.1700E-02	0.0011	.8133E-06	.3413E-0
172	0.00	0.000	0.007	0.1350	0.0000	.0000E+00	.0000E+00	0.2716	.7681E-02	.1584E-02	0.0011	.8385E-06	.4337E-0
173	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2475	.6999E-02	.1476E-02	0.0006	.4429E-06	.2653E-0
174	0.02	0.000	0.017	0.1356	0.0000	.0000E+00	.0000E+00	0.2255	.6376E-02	.1374E-02	0.0012	.8834E-06	.3553E-0
175	0.01	0.000	0.012	0.1353	0.0000	.0000E+00	.0000E+00	0.2054	.5806E-02	.1279E-02	0.0012	.8964E-06	.4467E-0
176	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.1869	.5286E-02	.1191E-02	0.0012	.9120E-06	.3597E-0
177	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1701	.4810E-02	.1108E-02	0.0012	.9151E-06	.3603E-0
178	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1547	.4375E-02	.1031E-02	0.0012	.9146E-06	.3602E-0
179	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1407	.3977E-02	.9587E-03	0.0012	.9110E-06	.3594E-0
180	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1278	.3615E-02	.8913E-03	0.0012	.9047E-06	.3582E-0
181	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1161	.3284E-02	.8284E-03	0.0012	.8960E-06	.3565E-0
182	0.57	0.000	0.072	0.2180	0.0000	.0000E+00	.0000E+00	0.1054	.2982E-02	.7696E-03	0.0006	.4426E-06	.2665E-0
183	0.00	0.000	0.078	0.2049	0.0000	.0000E+00	.0000E+00	0.0957	.2706E-02	.7148E-03	0.0012	.8726E-06	.3525E-0
184	0.83	0.018	0.103	0.3231	0.0000	.0000E+00	.0000E+00	0.0868	.2455E-02	.6637E-03	0.0012	.8593E-06	.3497E-0
185	0.13	0.000	0.273	0.2948	0.1564	.0000E+00	.2688E-01	0.1054	.2980E-02	.7675E-03	0.0011	.8003E-06	.3356E-0
186	0.00	0.000	0.269	0.2454	0.2815	.0000E+00	.2715E-01	0.1658	.4687E-02	.1086E-02	0.0010	.6611E-06	.3756E-0
187	0.00	0.000	0.277	0.1947	0.2603	.0000E+00	.2711E-01	0.2213	.6258E-02	.1354E-02	0.0009	.4848E-06	.2624E-0
188	1.18	0.070	0.202	0.3417	0.0980	.0000E+00	.2675E-01	0.2716	.7681E-02	.1584E-02	0.0004	.1980E-06	.1777E-0
189	0.28	0.000	0.180	0.3536	0.9641	.0000E+00	.2866E-01	0.3190	.9021E-02	.1791E-02	0.0007	.3486E-06	.2199E-0
190	0.00	0.000	0.281	0.3018	1.4655	.0000E+00	.2977E-01	0.3666	.1036E-01	.1992E-02	0.0007	.2857E-06	.1990E-0
191	0.00	0.000	0.312	0.2448	1.2886	.0000E+00	.2938E-01	0.4115	.1163E-01	.2177E-02	0.0006	.2350E-06	.1805E-0
192	0.00	0.000	0.245	0.1991	0.9569	.0000E+00	.2865E-01	0.4513	.1276E-01	.2336E-02	0.0006	.1965E-06	.2058E-0
193	0.00	0.000	0.275	0.1503	0.4152	.0000E+00	.1784E-01	0.4758	.1345E-01	.2433E-02	0.0005	.1668E-06	.1542E-0
194	0.00	0.000	0.092	0.1350	0.0000	.0000E+00	.0000E+00	0.4631	.1310E-01	.2383E-02	0.0005	.1828E-06	.1614E-0
195	0.39	0.000	0.102	0.1831	0.0000	.0000E+00	.0000E+00	0.4229	.1196E-01	.2223E-02	0.0006	.2252E-06	.1790E-0
196	0.00	0.000	0.165	0.1556	0.0000	.0000E+00	.0000E+00	0.3860	.1091E-01	.2073E-02	0.0006	.2667E-06	.1948E-0
197	0.00	0.000	0.106	0.1380	0.0000	.0000E+00	.0000E+00	0.3522	.9958E-02	.1932E-02	0.0007	.3066E-06	.2088E-0
198	2.35	0.549	0.130	0.4166	0.0000	.0000E+00	.0000E+00	0.3213	.9084E-02	.1801E-02	0.0007	.3441E-06	.2211E-0
199	0.00	0.000	0.216	0.3751	2.8363	.0000E+00	.3280E-01	0.3255	.9204E-02	.1819E-02	0.0007	.3352E-06	.2183E-0
200	0.31	0.000	0.233	0.3823	3.2141	.0000E+00	.3364E-01	0.3830	.1083E-01	.2060E-02	0.0003	.1320E-06	.1454E-0
201	0.30	0.000	0.213	0.3913	2.8426	.0000E+00	.3282E-01	0.4362	.1233E-01	.2276E-02	0.0006	.2303E-06	.1782E-0
202	0.00	0.000	0.269	0.3410	2.6329	.0000E+00	.3235E-01	0.4831	.1366E-01	.2462E-02	0.0005	.1866E-06	.1606E-0
203	0.00	0.000	0.239	0.2959	2.2879	.0000E+00	.3159E-01	0.5246	.1483E-01	.2622E-02	0.0005	.1550E-06	.1466E-0
204	0.00	0.000	0.214	0.2551	1.9606	.0000E+00	.3087E-01	0.5606	.1585E-01	.2760E-02	0.0005	.1324E-06	.1357E-0
205	0.00	0.000	0.247	0.2090	1.3593	.0000E+00	.2954E-01	0.5912	.1672E-01	.2875E-02	0.0004	.1168E-06	.1277E-0

206	0.00	0.000	0.285	0.1579	0.5394	.0000E+00	.2100E-01	0.6086	.1721E-01	.2939E-02	0.0004	.1099E-06	.1245E-0
207	0.00	0.000	0.137	0.1350	0.0000	.0000E+00	.0000E+00	0.5900	.1668E-01	.2870E-02	0.0004	.1218E-06	.1327E-0
208	0.21	0.000	0.097	0.1538	0.0000	.0000E+00	.0000E+00	0.5391	.1524E-01	.2678E-02	0.0005	.1590E-06	.1928E-0
209	0.00	0.000	0.080	0.1405	0.0000	.0000E+00	.0000E+00	0.4925	.1392E-01	.2498E-02	0.0006	.2249E-06	.1790E-0
210	0.00	0.000	0.025	0.1364	0.0000	.0000E+00	.0000E+00	0.4497	.1272E-01	.2330E-02	0.0007	.2735E-06	.1973E-0
211	0.20	0.000	0.090	0.1547	0.0000	.0000E+00	.0000E+00	0.4106	.1161E-01	.2173E-02	0.0004	.1604E-06	.1602E-0
212	0.39	0.000	0.093	0.2041	0.0000	.0000E+00	.0000E+00	0.3747	.1060E-01	.2026E-02	0.0007	.3486E-06	.2244E-0
213	0.00	0.000	0.202	0.1704	0.0000	.0000E+00	.0000E+00	0.3419	.9667E-02	.1889E-02	0.0008	.3912E-06	.2375E-0
214	0.05	0.000	0.191	0.1470	0.0000	.0000E+00	.0000E+00	0.3118	.8817E-02	.1760E-02	0.0008	.4305E-06	.2489E-0
215	0.07	0.000	0.074	0.1462	0.0000	.0000E+00	.0000E+00	0.2843	.8039E-02	.1640E-02	0.0008	.4661E-06	.2588E-0
216	0.00	0.000	0.050	0.1379	0.0000	.0000E+00	.0000E+00	0.2591	.7327E-02	.1528E-02	0.0009	.4979E-06	.2673E-0
217	0.00	0.000	0.013	0.1357	0.0000	.0000E+00	.0000E+00	0.2361	.6676E-02	.1423E-02	0.0009	.5259E-06	.2746E-0
218	1.50	0.159	0.169	0.3311	0.0000	.0000E+00	.0000E+00	0.2150	.6080E-02	.1325E-02	0.0009	.5501E-06	.2807E-0
219	0.42	0.001	0.234	0.3582	0.8490	.0000E+00	.2178E-01	0.2174	.6148E-02	.1336E-02	0.0009	.5457E-06	.2782E-0
220	0.00	0.000	0.276	0.3070	1.8707	.0000E+00	.3067E-01	0.2634	.7448E-02	.1547E-02	0.0009	.4807E-06	.2585E-0
221	0.00	0.000	0.236	0.2627	1.6247	.0000E+00	.3012E-01	0.3192	.9027E-02	.1792E-02	0.0008	.3912E-06	.2326E-0
222	0.30	0.000	0.166	0.2801	1.4054	.0000E+00	.2964E-01	0.3690	.1043E-01	.2002E-02	0.0007	.3173E-06	.2097E-0
223	0.17	0.000	0.210	0.2686	1.2047	.0000E+00	.2920E-01	0.4133	.1169E-01	.2184E-02	0.0006	.2626E-06	.1909E-0
224	0.00	0.000	0.224	0.2265	0.9897	.0000E+00	.2872E-01	0.4527	.1280E-01	.2342E-02	0.0006	.2217E-06	.1756E-0
225	0.00	0.000	0.250	0.1800	0.7380	.0000E+00	.2816E-01	0.4875	.1378E-01	.2479E-02	0.0005	.1918E-06	.2036E-0
226	0.00	0.000	0.196	0.1455	0.1755	.0000E+00	.1129E-01	0.5017	.1419E-01	.2534E-02	0.0005	.1739E-06	.1574E-0
227	0.13	0.000	0.124	0.1464	0.0000	.0000E+00	.0000E+00	0.4763	.1347E-01	.2435E-02	0.0006	.2021E-06	.1697E-0
228	0.08	0.000	0.084	0.1457	0.0000	.0000E+00	.0000E+00	0.4350	.1230E-01	.2271E-02	0.0003	.1237E-06	.1406E-0
229	0.09	0.000	0.086	0.1463	0.0000	.0000E+00	.0000E+00	0.3971	.1123E-01	.2118E-02	0.0006	.2751E-06	.1997E-0
230	0.00	0.000	0.056	0.1370	0.0000	.0000E+00	.0000E+00	0.3623	.1025E-01	.1975E-02	0.0007	.3178E-06	.2143E-0
231	0.00	0.000	0.010	0.1355	0.0000	.0000E+00	.0000E+00	0.3305	.9346E-02	.1841E-02	0.0007	.3579E-06	.2272E-0
232	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.3014	.8523E-02	.1715E-02	0.0008	.3943E-06	.2986E-0
233	0.29	0.000	0.054	0.1744	0.0000	.0000E+00	.0000E+00	0.2748	.7770E-02	.1598E-02	0.0008	.4422E-06	.2506E-0
234	0.00	0.000	0.132	0.1524	0.0000	.0000E+00	.0000E+00	0.2504	.7081E-02	.1489E-02	0.0004	.2358E-06	.1944E-0
235	0.00	0.000	0.094	0.1367	0.0000	.0000E+00	.0000E+00	0.2282	.6451E-02	.1387E-02	0.0009	.4865E-06	.2641E-0
236	0.00	0.000	0.008	0.1354	0.0000	.0000E+00	.0000E+00	0.2078	.5875E-02	.1291E-02	0.0009	.5099E-06	.3378E-0
237	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.1891	.5348E-02	.1202E-02	0.0009	.5390E-06	.2766E-0
238	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1721	.4867E-02	.1118E-02	0.0005	.2796E-06	.2109E-0
239	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1566	.4427E-02	.1040E-02	0.0009	.5605E-06	.2830E-0
240	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1424	.4025E-02	.9675E-03	0.0009	.5713E-06	.2856E-0
241	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1294	.3658E-02	.8995E-03	0.0009	.5794E-06	.2876E-0
242	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1175	.3323E-02	.8360E-03	0.0010	.5851E-06	.3608E-0
243	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1067	.3018E-02	.7768E-03	0.0010	.5922E-06	.2899E-0
244	0.04	0.000	0.029	0.1368	0.0000	.0000E+00	.0000E+00	0.0969	.2739E-02	.7215E-03	0.0010	.5929E-06	.2900E-0
245	0.00	0.000	0.006	0.1358	0.0000	.0000E+00	.0000E+00	0.0879	.2485E-02	.6699E-03	0.0010	.5918E-06	.2898E-0
246	0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.0797	.2253E-02	.6218E-03	0.0010	.5892E-06	.2891E-0
247	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0722	.2042E-02	.5769E-03	0.0010	.5852E-06	.2881E-0
248	0.61	0.000	0.085	0.2225	0.0000	.0000E+00	.0000E+00	0.0654	.1850E-02	.5351E-03	0.0009	.5799E-06	.2868E-0
249	0.00	0.000	0.083	0.2088	0.0000	.0000E+00	.0000E+00	0.0592	.1675E-02	.4961E-03	0.0005	.2896E-06	.2145E-0
250	0.00	0.000	0.089	0.1939	0.0000	.0000E+00	.0000E+00	0.0536	.1516E-02	.4597E-03	0.0009	.5664E-06	.2839E-0
251	0.00	0.000	0.097	0.1778	0.0000	.0000E+00	.0000E+00	0.0485	.1371E-02	.4259E-03	0.0009	.5587E-06	.2820E-0
252	0.00	0.000	0.085	0.1637	0.0000	.0000E+00	.0000E+00	0.0438	.1239E-02	.3943E-03	0.0009	.5504E-06	.2798E-0
253	0.01	0.000	0.072	0.1533	0.0000	.0000E+00	.0000E+00	0.0396	.1119E-02	.3650E-03	0.0009	.5389E-06	.3463E-0
254	0.00	0.000	0.084	0.1393	0.0000	.0000E+00	.0000E+00	0.0357	.1010E-02	.3376E-03	0.0009	.5310E-06	.2745E-0
255	0.91	0.014	0.103	0.2714	0.0000	.0000E+00	.0000E+00	0.0322	.9113E-03	.3122E-03	0.0009	.5210E-06	.2719E-0
256	0.00	0.000	0.143	0.2475	0.0000	.0000E+00	.0000E+00	0.0291	.8216E-03	.2885E-03	0.0009	.5107E-06	.2692E-0
257	0.00	0.000	0.145	0.2234	0.0000	.0000E+00	.0000E+00	0.0262	.7402E-03	.2665E-03	0.0009	.5002E-06	.2664E-0
258	0.41	0.000	0.121	0.2716	0.0000	.0000E+00	.0000E+00	0.0236	.6664E-03	.2461E-03	0.0004	.2470E-06	.1981E-0
259	0.00	0.000	0.126	0.2506	0.0000	.0000E+00	.0000E+00	0.0212	.5996E-03	.2271E-03	0.0009	.4806E-06	.3261E-0
260	0.00	0.000	0.142	0.2269	0.0000	.0000E+00	.0000E+00	0.0191	.5390E-03	.2094E-03	0.0009	.4681E-06	.2577E-0
261	0.00	0.000	0.154	0.2012	0.0000	.0000E+00	.0000E+00	0.0171	.4842E-03	.1930E-03	0.0008	.4573E-06	.2547E-0
262	0.00	0.000	0.123	0.1807	0.0000	.0000E+00	.0000E+00	0.0154	.4346E-03	.1778E-03	0.0008	.4466E-06	.2517E-0
263	0.44	0.000	0.113	0.2352	0.0000	.0000E+00	.0000E+00	0.0138	.3898E-03	.1637E-03	0.0008	.4360E-06	.2487E-0
264	0.06	0.000	0.130	0.2236	0.0000	.0000E+00	.0000E+00	0.0124	.3493E-03	.1506E-03	0.0008	.4254E-06	.2457E-0
265	0.61	0.000	0.121	0.3050	0.0000	.0000E+00	.0000E+00	0.0111	.3127E-03	.1384E-03	0.0004	.2093E-06	.1824E-0
266	0.00	0.000	0.120	0.2816	0.2903	.0000E+00	.2054E-01	0.0303	.8556E-03	.2904E-03	0.0008	.3737E-06	.2283E-0
267	0.00	0.000	0.077	0.2642	0.2639	.0000E+00	.2712E-01	0.0871	.2463E-02	.6627E-03	0.0007	.2776E-06	.2392E-0
268	0.00	0.000	0.089	0.2450	0.1274	.0000E+00	.2681E-01	0.1491	.4216E-02	.1001E-02	0.0005	.1547E-06	.1483E-0
269	0.00	0.000	0.099	0.2273	0.0125	.0000E+00	.7555E-02	0.1861	.5263E-02	.1187E-02	0.0004	.1174E-06	.1292E-0
270	0.00	0.000	0.074	0.2149	0.0000	.0000E+00	.0000E+00	0.1815	.5132E-02	.1164E-02	0.0004	.1211E-06	.1312E-0
271	0.00	0.000	0.084	0.2009	0.0000	.0000E+00	.0000E+00	0.1651	.4669E-02	.1083E-02	0.0005	.1358E-06	.1389E-0
272	0.00	0.000	0.103	0.1837	0.0000	.0000E+00	.0000E+00	0.1502	.4246E-02	.1008E-02	0.0005	.1496E-06	.1458E-0
273	0.00	0.000	0.090	0.1687	0.0000	.0000E+00	.0000E+00	0.1365	.3860E-02	.9371E-03	0.0003	.8125E-07	.1141E-0
274	0.00	0.000	0.090	0.1538	0.0000	.0000E+00	.0000E+00	0.1241	.3508E-02	.8711E-03	0.0005	.1697E-06	.1561E-0
275	0.00	0.000	0.060	0.1437	0.0000	.0000E+00	.0000E+00	0.1127	.3186E-02	.8095E-03	0.0005	.1809E-06	.1611E-0
276	0.00	0.000	0.052	0.1350	0.0000	.0000E+00	.0000E+00	0.1023	.2892E-02	.7521E-03	0.0005	.1910E-06	.1655E-0
277	0.32	0.000	0.046	0.1806	0.0000	.0000E+00	.0000E+00	0.0928	.2625E-02	.6984E-03	0.0006	.2002E-06	.1693E-0
278	0.00	0.000	0.045	0.1731	0.0000	.0000E+00	.0000E+00	0.0842	.2381E-02	.6484E-03	0.0006	.2083E-06	.1726E-0
279	0.00	0.000	0.047	0.1653	0.0000	.0000E+00	.0000E+00	0.0763	.2158E-02	.6017E-03	0.0006	.2147E-06	.2193E-0
280	0.00	0.000	0.053	0.1564	0.0000	.0000E+00	.0000E+00	0.0692	.1956E-02	.5582E-03	0.0006	.2243E-06	.1785E-0
281	0.00	0.000	0.051	0.1480	0.0000	.0000E+00	.0000E+00	0.0626	.1771E-02	.5176E-03	0.0006	.2292E-06	.1804E-0
282	0.00	0.000	0.066	0.1371	0.0000	.0000E+00	.0000E+00	0.0567	.1603E-02	.4798E-03	0.0003	.1173E-06	.1367E-0
283	0.00	0.000	0.011	0.1352	0.0000	.0000E+00	.0000E+00	0.0513	.1450E-02	.4446E-03	0.0006	.2345E-06	.1829E-0
284	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0464	.1311E-02	.4118E-03	0.0006	.2373E-06	.1840E-0
285	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0419	.1185E-02	.3812E-03	0.0006	.2393E-06	.1847E-0
286	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0378	.1070E-02	.3527E-03	0.0006	.2407E-06	.1853E-0
287	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0342	.9656E-03	.3263E-03	0.0006	.2415E-06	.1855E-0
288	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0308	.8709E-03	.3016E-03	0.0006	.2418E-06	.1856E-0
289	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0278	.7849E-03	.2787E-03	0.0006	.2415E-06	.1855E-0
290	2.09	0.412	0.063	0.4042	0.0000	.0000E+00	.0000E+00	0.0250	.7070E-03	.2574E-03	0.0006	.2408E-06	.1852E-0
291	0.00	0.000	0.056	0.3894	2.6464	.0000E+00	.3238E-01	0.0546	.1545E-02	.4583E-03	0.0006	.2060E-06	.1684E-0
292	0.00	0.000	0.053	0.3750	3.2311	.0000E+00	.3368E-01	0.1348	.3811E-02	.9259E-03	0.0005	.1257E-06	.1269E-0
293	0.00	0.000	0.036	0.3634	3.0077	.0000E+00	.3318E-01	0.2095	.5924E-02	.1298E-02	0.0003	.6035E-07	.1068E-0
294	0.00	0.000	0.040	0.3512	2.8197	.0000E+00	.3277E-01	0.2766	.7821E-02	.1606E-02	0.0002	.1652E-07	.4858E-0
295	0.00	0.000	0.036	0.3398	2.6378	.0000E+00	.3236E-01	0.3369	.9526E-02	.1868E-02	0.0001	.4177E-08	.2452E-0
296	0.09	0.000	0.061	0.3393	2.4608	.0000E+00	.3197E-01	0.3911	.1106E-01	.2093E-02	0.0000	.1522E-09	.4788E-0
297	0.00	0.000	0.053	0.3252	2.3167	.0000E+00	.3165E-01	0.4397	.1243E-01	.2290E-02	0.0000	.0000E+00	.0000E+0
298	0.00	0.000	0.046	0.3124	2.1814	.0000E+00	.3135E-01	0.4835	.1367E-01	.2463E-02	0.0000	.0000E+00	.0000E+0
299	0.00	0.000	0.034	0.3016	1.9981	.0000E+00	.3095E-01	0.5227	.1478E-01	.2615E-02	0.0000	.0000E+00	.0000E+0
300	0.00	0.000	0.038	0.2901	1.8503	.0000E+00	.3062E-01	0.5576	.1577E-01	.2748E-02	0.0000	.0000E+00	.0000E+0
301	0.00	0.000	0.049	0.2769	1.6926	.0000E+00	.3027E-01	0.5888	.1665E-01	.2866E-02	0.0000	.0000E+00	.0000E+0

302		0.00	0.000	0.038	0.2656	1.5355	.0000E+00	.2993E-01	0.6165	.1743E-01	.2968E-02	0.0000	.0000E+00	.0000E+0
303		0.00	0.000	0.047	0.2529	1.3815	.0000E+00	.2959E-01	0.6409	.1812E-01	.3059E-02	0.0000	.0000E+00	.0000E+0
304		0.00	0.000	0.045	0.2406	1.2271	.0000E+00	.2925E-01	0.6625	.1873E-01	.3137E-02	0.0000	.0000E+00	.0000E+0
305		0.00	0.000	0.052	0.2272	1.0537	.0000E+00	.2886E-01	0.6813	.1926E-01	.3206E-02	0.0000	.0000E+00	.0000E+0
306		0.01	0.000	0.056	0.2147	0.9240	.0000E+00	.2857E-01	0.6976	.1973E-01	.3265E-02	0.0000	.0000E+00	.0000E+0
307		0.42	0.000	0.073	0.2679	0.7854	.0000E+00	.2827E-01	0.7119	.2013E-01	.3316E-02	0.0000	.0000E+00	.0000E+0
308		0.74	0.018	0.068	0.3723	0.6479	.0000E+00	.2796E-01	0.7241	.2047E-01	.3360E-02	0.0000	.0000E+00	.0000E+0
309		0.00	0.000	0.063	0.3567	1.8743	.0000E+00	.3068E-01	0.7376	.2086E-01	.3408E-02	0.0000	.0000E+00	.0000E+0
310		0.00	0.000	0.072	0.3396	2.0839	.0000E+00	.3114E-01	0.7547	.2134E-01	.3469E-02	0.0000	.0000E+00	.0000E+0
311		0.00	0.000	0.065	0.3236	1.9010	.0000E+00	.3074E-01	0.7708	.2179E-01	.3525E-02	0.0000	.0000E+00	.0000E+0
312		0.00	0.000	0.063	0.3080	1.7338	.0000E+00	.3037E-01	0.7845	.2218E-01	.3574E-02	0.0000	.0000E+00	.0000E+0
313		0.00	0.000	0.063	0.2924	1.5689	.0000E+00	.3000E-01	0.7962	.2251E-01	.3614E-02	0.0000	.0000E+00	.0000E+0
314		0.00	0.000	0.059	0.2777	1.4062	.0000E+00	.2964E-01	0.8059	.2279E-01	.3648E-02	0.0000	.0000E+00	.0000E+0
315		0.05	0.000	0.063	0.2706	1.2481	.0000E+00	.2929E-01	0.8139	.2301E-01	.3676E-02	0.0000	.0000E+00	.0000E+0
316		0.09	0.000	0.059	0.2709	1.0842	.0000E+00	.2893E-01	0.8203	.2319E-01	.3699E-02	0.0000	.0000E+00	.0000E+0
317		0.00	0.000	0.045	0.2586	0.9424	.0000E+00	.2862E-01	0.8253	.2334E-01	.3716E-02	0.0000	.0000E+00	.0000E+0
318		0.00	0.000	0.055	0.2448	0.8074	.0000E+00	.2832E-01	0.8291	.2344E-01	.3729E-02	0.0000	.0000E+00	.0000E+0
319		0.00	0.000	0.054	0.2312	0.6801	.0000E+00	.2804E-01	0.8318	.2352E-01	.3738E-02	0.0000	.0000E+00	.0000E+0
320		0.00	0.000	0.050	0.2182	0.5471	.0000E+00	.2774E-01	0.8335	.2357E-01	.3744E-02	0.0000	.0000E+00	.0000E+0
321		0.00	0.000	0.067	0.2025	0.4115	.0000E+00	.2744E-01	0.8343	.2359E-01	.3747E-02	0.0000	.1032E-09	.3692E-0
322		0.10	0.000	0.064	0.2039	0.2766	.0000E+00	.2714E-01	0.8343	.2359E-01	.3747E-02	0.0000	.1145E-08	.1315E-0
323		0.03	0.000	0.061	0.1942	0.1448	.0000E+00	.2685E-01	0.8335	.2357E-01	.3744E-02	0.0001	.3506E-08	.2283E-0
324		0.14	0.000	0.061	0.2053	0.0234	.0000E+00	.1292E-01	0.8185	.2314E-01	.3692E-02	0.0001	.8682E-08	.3614E-0
325		0.00	0.000	0.048	0.1973	0.0000	.0000E+00	.0000E+00	0.7694	.2176E-01	.3520E-02	0.0002	.2283E-07	.5912E-0
326		1.39	0.146	0.059	0.3948	0.0000	.0000E+00	.0000E+00	0.7036	.1989E-01	.3286E-02	0.0003	.5177E-07	.8864E-0
327		0.00	0.000	0.037	0.3833	2.5599	.0000E+00	.3219E-01	0.6753	.1909E-01	.3184E-02	0.0003	.8061E-07	.1086E-0
328		0.00	0.000	0.039	0.3713	2.9558	.0000E+00	.3307E-01	0.7019	.1985E-01	.3280E-02	0.0004	.8639E-07	.1100E-0
329	*	0.00	0.000	0.032	0.3606	2.7727	.0000E+00	.3266E-01	0.7274	.2057E-01	.3371E-02	0.0004	.8199E-07	.1073E-0
330		0.00	0.000	0.036	0.3492	2.5954	.0000E+00	.3227E-01	0.7497	.2120E-01	.3451E-02	0.0004	.7971E-07	.1330E-0
331		0.99	0.062	0.047	0.4905	3.1853	.0000E+00	.3357E-01	0.7709	.2180E-01	.3526E-02	0.0003	.7772E-07	.1056E-0
332		0.50	0.347	0.051	0.5010	5.9300	.0000E+00	.3964E-01	0.7984	.2257E-01	.3622E-02	0.0002	.3599E-07	.7702E-0
333		0.00	0.000	0.040	0.4877	5.8625	.0000E+00	.3949E-01	0.8332	.2356E-01	.3743E-02	0.0003	.7277E-07	.1265E-0
334		0.00	0.000	0.043	0.4741	5.5045	.0000E+00	.3870E-01	0.8642	.2444E-01	.3850E-02	0.0003	.6679E-07	.9801E-0
335		0.61	0.361	0.049	0.5010	5.7161	.0000E+00	.3917E-01	0.8918	.2522E-01	.3945E-02	0.0003	.6664E-07	.9793E-0
336		0.00	0.000	0.038	0.4881	5.8673	.0000E+00	.3950E-01	0.9182	.2596E-01	.4035E-02	0.0003	.6774E-07	.9876E-0
337		0.00	0.000	0.037	0.4756	5.5265	.0000E+00	.3875E-01	0.9422	.2664E-01	.4116E-02	0.0002	.3530E-07	.7467E-0
338		0.33	0.088	0.051	0.5010	5.6396	.0000E+00	.3900E-01	0.9632	.2724E-01	.4187E-02	0.0003	.7553E-07	.1034E-0
339		0.22	0.208	0.047	0.4885	5.8714	.0000E+00	.3951E-01	0.9835	.2781E-01	.4255E-02	0.0004	.8128E-07	.1074E-0
340		0.00	0.000	0.034	0.4764	5.5407	.0000E+00	.3878E-01	1.0022	.2834E-01	.4317E-02	0.0004	.8841E-07	.1121E-0
341		0.00	0.000	0.036	0.4640	5.2156	.0000E+00	.3806E-01	1.0174	.2877E-01	.4368E-02	0.0004	.9776E-07	.1180E-0
342		0.00	0.000	0.034	0.4521	4.9038	.0000E+00	.3737E-01	1.0295	.2911E-01	.4408E-02	0.0004	.1097E-06	.1251E-0
343	*	0.00	0.000	0.030	0.4410	4.6427	.0000E+00	.3680E-01	1.0390	.2938E-01	.4439E-02	0.0004	.1243E-06	.1333E-0
344		0.00	0.000	0.039	0.4284	4.3842	.0000E+00	.3623E-01	1.0462	.2958E-01	.4463E-02	0.0005	.1443E-06	.1794E-0
345		0.00	0.000	0.039	0.4160	4.1132	.0000E+00	.3563E-01	1.0513	.2973E-01	.4480E-02	0.0005	.1657E-06	.1542E-0
346	*	0.00	0.000	0.030	0.4051	3.8680	.0000E+00	.3508E-01	1.0544	.2981E-01	.4490E-02	0.0005	.1884E-06	.1644E-0
347	*	0.27	0.000	0.035	0.4026	3.6785	.0000E+00	.3467E-01	1.0561	.2986E-01	.4495E-02	0.0006	.2135E-06	.1749E-0
348	*	0.39	0.000	0.033	0.4002	3.5194	.0000E+00	.3431E-01	1.0565	.2987E-01	.4497E-02	0.0006	.2404E-06	.1856E-0
349		0.00	0.000	0.036	0.3978	3.3619	.0000E+00	.3397E-01	1.0560	.2986E-01	.4495E-02	0.0006	.2690E-06	.1962E-0
350	*	0.00	0.000	0.034	0.3955	3.2217	.0000E+00	.3366E-01	1.0547	.2982E-01	.4491E-02	0.0007	.2992E-06	.2069E-0
351	*	0.18	0.000	0.034	0.3932	3.1192	.0000E+00	.3343E-01	1.0528	.2977E-01	.4485E-02	0.0007	.3306E-06	.2174E-0
352	*	0.00	0.000	0.031	0.3909	3.0264	.0000E+00	.3322E-01	1.0504	.2970E-01	.4477E-02	0.0007	.3629E-06	.2278E-0
353	*	0.02	0.000	0.000	0.3887	2.9649	.0000E+00	.3309E-01	1.0478	.2963E-01	.4468E-02	0.0004	.1941E-06	.1775E-0
354	*	0.01	0.000	0.029	0.3865	2.9041	.0000E+00	.3295E-01	1.0450	.2955E-01	.4459E-02	0.0008	.4204E-06	.2452E-0
355		0.00	0.000	0.033	0.3925	2.8328	.0000E+00	.3280E-01	1.0421	.2947E-01	.4450E-02	0.0008	.4537E-06	.2547E-0
356	*	0.00	0.000	0.032	0.3904	2.8100	.0000E+00	.3274E-01	1.0392	.2938E-01	.4440E-02	0.0009	.4871E-06	.2638E-0
357	*	0.00	0.000	0.031	0.3882	2.9027	.0000E+00	.3295E-01	1.0366	.2931E-01	.4431E-02	0.0009	.5201E-06	.2726E-0
358	*	0.57	0.000	0.027	0.3860	2.8778	.0000E+00	.3289E-01	1.0344	.2925E-01	.4424E-02	0.0009	.5558E-06	.3522E-0
359	*	0.00	0.000	0.029	0.3838	2.8260	.0000E+00	.3278E-01	1.0323	.2919E-01	.4417E-02	0.0005	.2924E-06	.2173E-0
360		0.00	0.000	0.039	0.3817	2.7683	.0000E+00	.3265E-01	1.0300	.2912E-01	.4409E-02	0.0010	.6148E-06	.2962E-0
361		0.00	0.000	0.027	0.3932	2.7000	.0000E+00	.3250E-01	1.0276	.2906E-01	.4401E-02	0.0010	.6456E-06	.3035E-0
362		0.00	0.000	0.037	0.3911	2.7531	.0000E+00	.3262E-01	1.0252	.2899E-01	.4394E-02	0.0010	.6790E-06	.3891E-0
363		0.23	0.000	0.000	0.4514	3.5160	.0000E+00	.3431E-01	1.0249	.2898E-01	.4393E-02	0.0010	.7099E-06	.3181E-0
364		0.00	0.000	0.026	0.4678	4.7062	.0000E+00	.3694E-01	1.0300	.2912E-01	.4409E-02	0.0011	.7279E-06	.3221E-0
365	*	0.00	0.000	0.036	0.4649	5.0865	.0000E+00	.3778E-01	1.0397	.2940E-01	.4441E-02	0.0011	.7391E-06	.3246E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 6

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.51	3.48	3.07	3.85	4.91	3.27
	7.14	3.10	3.09	2.50	4.46	2.83
RUNOFF	0.191	2.335	0.074	0.183	0.279	0.028
	0.637	0.160	0.014	0.412	0.572	0.656
EVAPOTRANSPIRATION	0.901	0.529	2.867	2.451	5.051	3.873
	5.602	3.145	2.791	1.217	1.644	1.013
PERCOLATION/LEAKAGE THROUGH	0.6116	0.1851	1.0523	0.4003	0.7439	0.1873
LAYER 2	0.4868	0.2096	0.0820	0.4400	0.8431	1.0941
LATERAL DRAINAGE COLLECTED	0.7710	0.1184	0.7371	0.4892	0.6690	0.2500
FROM LAYER 3	0.3334	0.2531	0.0563	0.1977	0.6598	0.8969
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1200	0.0271	0.1165	0.0829	0.1081	0.0500

LAYER 4	0.0625	0.0507	0.0153	0.0391	0.1065	0.1360
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1273	0.1201	0.0400	0.1100	0.0810	0.1108
LAYER 7	0.0637	0.0757	0.0717	0.0350	0.0109	0.0641

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.645	0.954	3.353	0.836	2.338	0.074
TOP OF LAYER 2	0.760	0.286	0.023	1.000	1.717	3.963
STD. DEVIATION OF DAILY	1.981	2.114	1.138	1.558	1.874	0.159
HEAD ON TOP OF LAYER 2	1.044	0.557	0.073	1.192	1.645	1.137
AVERAGE DAILY HEAD ON	0.880	0.150	0.841	0.577	0.763	0.295
TOP OF LAYER 4	0.380	0.289	0.066	0.226	0.778	1.023
STD. DEVIATION OF DAILY	0.262	0.097	0.157	0.282	0.153	0.104
HEAD ON TOP OF LAYER 4	0.151	0.114	0.055	0.224	0.055	0.041
AVERAGE DAILY HEAD ON	0.001	0.001	0.000	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.001	0.001	0.000	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 6

	INCHES	CU. FEET	PERCENT
PRECIPITATION	43.21	392130.719	100.00
RUNOFF	5.541	50285.242	12.82
EVAPOTRANSPIRATION	31.084	282089.437	71.94
PERC./LEAKAGE THROUGH LAYER 2	6.336146	57500.527	14.66
AVG. HEAD ON TOP OF LAYER 2	1.4125		
DRAINAGE COLLECTED FROM LAYER 3	5.4317	49292.695	12.57
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.914568	8299.705	2.12
AVG. HEAD ON TOP OF LAYER 4	0.5222		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.776	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.910416	8262.027	2.11
AVG. HEAD ON TOP OF LAYER 7	0.0008		
CHANGE IN WATER STORAGE	0.242	2199.312	0.56
SOIL WATER AT START OF YEAR	285.607	2591888.000	
SOIL WATER AT END OF YEAR	285.728	2592977.500	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.122	1109.802	0.28
ANNUAL WATER BUDGET BALANCE	0.0000	0.229	0.00

HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

DAILY OUTPUT FOR YEAR 7

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.00	0.000	0.040	0.4723	5.0655	.0000E+00	.3773E-01	1.0499	.2969E-01	.4475E-02	0.0011	.7499E-06	.3269E-0
2			0.00	0.000	0.042	0.4591	5.0949	.0000E+00	.3780E-01	1.0592	.2995E-01	.4506E-02	0.0011	.7625E-06	.3297E-0
3			0.00	0.000	0.049	0.4448	4.7790	.0000E+00	.3710E-01	1.0672	.3018E-01	.4532E-02	0.0011	.7775E-06	.3329E-0
4			0.00	0.000	0.044	0.4314	4.4840	.0000E+00	.3645E-01	1.0728	.3033E-01	.4551E-02	0.0011	.7963E-06	.3369E-0
5			0.00	0.000	0.050	0.4172	4.1938	.0000E+00	.3580E-01	1.0762	.3043E-01	.4562E-02	0.0011	.8182E-06	.3415E-0
6			0.08	0.000	0.060	0.4146	3.9120	.0000E+00	.3518E-01	1.0777	.3047E-01	.4567E-02	0.0011	.8427E-06	.3465E-0
7			0.00	0.000	0.045	0.4013	3.6754	.0000E+00	.3466E-01	1.0776	.3047E-01	.4566E-02	0.0012	.8692E-06	.3519E-0
8			0.00	0.000	0.041	0.3887	3.4504	.0000E+00	.3416E-01	1.0761	.3043E-01	.4561E-02	0.0012	.8970E-06	.3575E-0
9	*		0.00	0.000	0.033	0.3776	3.2360	.0000E+00	.3369E-01	1.0735	.3035E-01	.4553E-02	0.0006	.4599E-06	.2719E-0
10	*		0.00	0.000	0.036	0.3661	3.0306	.0000E+00	.3323E-01	1.0699	.3025E-01	.4541E-02	0.0012	.9470E-06	.3674E-0
11	*		0.00	0.000	0.034	0.3550	2.8419	.0000E+00	.3282E-01	1.0654	.3012E-01	.4526E-02	0.0012	.9762E-06	.3730E-0
12	*		0.00	0.000	0.033	0.3441	2.6640	.0000E+00	.3242E-01	1.0602	.2998E-01	.4509E-02	0.0012	.1005E-05	.3786E-0
13	*	*	0.00	0.000	0.000	0.3392	1.3359	.0000E+00	.2949E-01	1.0519	.2974E-01	.4482E-02	0.0013	.1037E-05	.3845E-0
14	*	*	0.00	0.000	0.000	0.3345	0.8151	.0000E+00	.2833E-01	1.0384	.2936E-01	.4437E-02	0.0013	.1076E-05	.4902E-0
15	*	*	0.00	0.000	0.000	0.3298	0.6850	.0000E+00	.2805E-01	1.0239	.2895E-01	.4389E-02	0.0013	.1127E-05	.4004E-0
16	*	*	0.00	0.000	0.000	0.3252	0.5562	.0000E+00	.2776E-01	1.0098	.2855E-01	.4343E-02	0.0007	.5816E-06	.3050E-0
17	*	*	0.00	0.000	0.000	0.3206	0.4288	.0000E+00	.2748E-01	0.9962	.2817E-01	.4297E-02	0.0014	.1185E-05	.4111E-0
18	*	*	0.00	0.000	0.000	0.3161	0.3026	.0000E+00	.2720E-01	0.9829	.2779E-01	.4253E-02	0.0014	.1215E-05	.4163E-0
19		*	0.00	0.000	0.000	0.3116	0.1778	.0000E+00	.2692E-01	0.9701	.2743E-01	.4210E-02	0.0014	.1243E-05	.4210E-0
20		*	0.92	0.558	0.009	0.3668	0.0542	.0000E+00	.2177E-01	0.9527	.2694E-01	.4151E-02	0.0014	.1273E-05	.4262E-0
21		*	0.52	0.321	0.009	0.3986	0.0000	.0000E+00	.0000E+00	0.9068	.2564E-01	.3996E-02	0.0014	.1339E-05	.4383E-0
22		*	0.03	0.000	0.008	0.4022	0.0000	.0000E+00	.0000E+00	0.8296	.2346E-01	.3731E-02	0.0015	.1463E-05	.4591E-0
23		*	0.00	0.000	0.000	0.4022	0.0000	.0000E+00	.0000E+00	0.7588	.2146E-01	.3483E-02	0.0016	.1596E-05	.4791E-0
24		*	0.04	0.003	0.008	0.4070	0.0000	.0000E+00	.0000E+00	0.6939	.1962E-01	.3251E-02	0.0016	.1708E-05	.4952E-0
25	*	*	0.00	0.000	0.000	0.4070	0.0000	.0000E+00	.0000E+00	0.6344	.1794E-01	.3034E-02	0.0017	.1800E-05	.5080E-0
26	*	*	0.00	0.000	0.000	0.4070	0.0000	.0000E+00	.0000E+00	0.5798	.1639E-01	.2832E-02	0.0017	.1873E-05	.5179E-0
27	*	*	0.17	0.000	0.036	0.4070	0.0000	.0000E+00	.0000E+00	0.5298	.1498E-01	.2642E-02	0.0017	.1928E-05	.5251E-0
28	*	*	0.02	0.000	0.000	0.4070	0.0000	.0000E+00	.0000E+00	0.4839	.1368E-01	.2465E-02	0.0017	.1966E-05	.5301E-0
29	*	*	0.01	0.000	0.000	0.4070	0.0000	.0000E+00	.0000E+00	0.4419	.1249E-01	.2299E-02	0.0018	.1989E-05	.5330E-0
30	*	*	0.10	0.000	0.038	0.4070	0.0000	.0000E+00	.0000E+00	0.4034	.1141E-01	.2144E-02	0.0018	.2000E-05	.5343E-0
31	*	*	0.00	0.000	0.034	0.4070	0.0000	.0000E+00	.0000E+00	0.3681	.1041E-01	.1999E-02	0.0018	.1999E-05	.5340E-0
32	*	*	2.34	0.000	0.000	0.4070	0.0000	.0000E+00	.0000E+00	0.3359	.9496E-02	.1863E-02	0.0018	.1988E-05	.5324E-0
33	*	*	0.00	0.000	0.039	0.4070	0.0000	.0000E+00	.0000E+00	0.3063	.8661E-02	.1737E-02	0.0017	.1969E-05	.5297E-0
34	*	*	0.00	0.000	0.035	0.4070	0.0000	.0000E+00	.0000E+00	0.2793	.7896E-02	.1618E-02	0.0017	.1942E-05	.5261E-0
35		*	0.00	0.017	0.039	0.4091	0.0000	.0000E+00	.0000E+00	0.2545	.7197E-02	.1507E-02	0.0017	.1910E-05	.5216E-0
36	*	*	0.00	0.000	0.041	0.4091	0.0000	.0000E+00	.0000E+00	0.2319	.6557E-02	.1404E-02	0.0017	.1874E-05	.6439E-0
37		*	0.00	0.582	0.000	0.4254	0.0000	.0000E+00	.0000E+00	0.2112	.5971E-02	.1307E-02	0.0017	.1831E-05	.5093E-0
38		*	0.00	1.046	0.000	0.4381	0.0000	.0000E+00	.0000E+00	0.1923	.5436E-02	.1217E-02	0.0017	.1787E-05	.5031E-0
39		*	0.27	0.763	0.000	0.4469	0.0000	.0000E+00	.0000E+00	0.1750	.4947E-02	.1132E-02	0.0016	.1740E-05	.4965E-0
40		*	0.08	0.051	0.007	0.4505	0.0000	.0000E+00	.0000E+00	0.1592	.4500E-02	.1053E-02	0.0016	.1692E-05	.4895E-0
41	*	*	0.00	0.000	0.000	0.4505	0.0000	.0000E+00	.0000E+00	0.1447	.4092E-02	.9797E-03	0.0016	.1643E-05	.4824E-0
42	*	*	0.00	0.000	0.000	0.4505	0.0000	.0000E+00	.0000E+00	0.1315	.3719E-02	.9109E-03	0.0016	.1593E-05	.4751E-0
43	*	*	0.25	0.000	0.036	0.4505	0.0000	.0000E+00	.0000E+00	0.1195	.3379E-02	.8467E-03	0.0008	.7716E-06	.3520E-0
44	*	*	0.00	0.000	0.028	0.4505	0.0000	.0000E+00	.0000E+00	0.1085	.3069E-02	.7867E-03	0.0015	.1490E-05	.5758E-0
45	*	*	0.00	0.000	0.044	0.4505	0.0000	.0000E+00	.0000E+00	0.0985	.2786E-02	.7308E-03	0.0008	.7330E-06	.3406E-0
46		*	0.71	0.821	0.000	0.4555	0.0000	.0000E+00	.0000E+00	0.0894	.2527E-02	.6786E-03	0.0015	.1405E-05	.4468E-0
47	*	*	0.22	0.000	0.041	0.4555	0.0000	.0000E+00	.0000E+00	0.0811	.2292E-02	.6299E-03	0.0014	.1348E-05	.5474E-0
48	*	*	0.00	0.000	0.040	0.4555	0.0000	.0000E+00	.0000E+00	0.0735	.2077E-02	.5845E-03	0.0014	.1303E-05	.4298E-0
49	*	*	0.00	0.000	0.044	0.4555	0.0000	.0000E+00	.0000E+00	0.0666	.1882E-02	.5421E-03	0.0014	.1258E-05	.4222E-0
50	*	*	0.00	0.000	0.047	0.4555	0.0000	.0000E+00	.0000E+00	0.0603	.1704E-02	.5026E-03	0.0014	.1214E-05	.4148E-0
51	*	*	0.00	0.000	0.048	0.4555	0.0000	.0000E+00	.0000E+00	0.0545	.1542E-02	.4659E-03	0.0013	.1171E-05	.4074E-0
52	*	*	0.00	0.000	0.000	0.4555	0.0000	.0000E+00	.0000E+00	0.0493	.1395E-02	.4316E-03	0.0013	.1130E-05	.4001E-0
53	*	*	0.00	0.000	0.000	0.4555	0.0000	.0000E+00	.0000E+00	0.0446	.1261E-02	.3996E-03	0.0013	.1089E-05	.3930E-0
54	*	*	0.00	0.000	0.000	0.4555	0.0000	.0000E+00	.0000E+00	0.0403	.1139E-02	.3699E-03	0.0013	.1050E-05	.3859E-0
55		*	0.00	0.000	0.000	0.4555	0.0000	.0000E+00	.0000E+00	0.0364	.1028E-02	.3422E-03	0.0013	.1013E-05	.3789E-0
56		*	0.20	0.177	0.007	0.4582	0.0000	.0000E+00	.0000E+00	0.0328	.9277E-03	.3165E-03	0.0012	.9765E-06	.3721E-0
57		*	0.00	0.000	0.000	0.4582	0.0000	.0000E+00	.0000E+00	0.0296	.8365E-03	.2925E-03	0.0012	.9415E-06	.3654E-0
58		*	0.00	0.000	0.000	0.4582	0.0000	.0000E+00	.0000E+00	0.0267	.7538E-03	.2702E-03	0.0012	.9078E-06	.3588E-0
59		*	0.00	0.000	0.000	0.4582	0.0000	.0000E+00	.0000E+00	0.0240	.6787E-03	.2495E-03	0.0012	.8754E-06	.3523E-0
60		*	0.27	0.249	0.007	0.4606	0.0000	.0000E+00	.0000E+00	0.0216	.6107E-03	.2303E-03	0.0011	.8441E-06	.3460E-0
61		*	0.00	0.000	0.000	0.4606	0.0000	.0000E+00	.0000E+00	0.0194	.5491E-03	.2124E-03	0.0011	.8141E-06	.3398E-0
62		*	0.00	0.000	0.000	0.4606	0.0000	.0000E+00	.0000E+00	0.0174	.4933E-03	.1958E-03	0.0011	.7852E-06	.3337E-0
63		*	0.00	0.000	0.000	0.4606	0.0000	.0000E+00	.0000E+00	0.0157	.4428E-03	.1803E-03	0.0011	.7575E-06	.3278E-0
64		*	1.08	1.061	0.006	0.4628	0.0000	.0000E+00	.0000E+00	0.0140	.3972E-03	.1660E-03	0.0011	.7308E-06	.3219E-0
65		*	0.27	0.253	0.006	0.4645	0.0000	.0000E+00	.0000E+00	0.0126	.3560E-03	.1528E-03	0.0010	.7052E-06	.3163E-0
66		*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.0113	.3188E-03	.1405E-03	0.0005	.3440E-06	.2337E-0
67			0.00	0.000	0.102	0.4429	3.6915	.0000E+00	.2806E-01	0.0379	.1072E-02	.3427E-03	0.0010	.6072E-06	.3614E-0
68			0.22	0.000	0.084	0.4594	4.6503	.0000E+00	.3681E-01	0.1158	.3273E-02	.8229E-03	0.0008	.3791E-06	.2320E-0
69			0.01	0.000	0.084	0.4409	4.8846	.0000E+00	.3733E-01	0.2013	.5692E-02	.1259E-02	0.0003	.1223E-06	.1397E-0
70			0.01	0.000	0.080	0.4231	4.6245	.0000E+00	.3676E-01	0.2797	.7909E-02	.1619E-02	0.0006	.1879E-06	.1585E-0
71			0.24	0.000	0.083	0.4433	4.3227	.0000E+00	.3609E-01	0.3499	.9893E-02	.1922E-02	0.0004	.1219E-06	.1576E-0
72			0.00	0.000	0.120	0.4172	4.3634	.0000E+00	.3618E-01	0.4131	.1168E-01	.2183E-02	0.0003	.6487E-07	.9622E-0
73			0.00	0.000	0.103	0.3942	3.9163	.0000E+00	.3519E-01	0.4702	.1330E-01	.2411E-02	0.0003	.4100E-07	.7659E-0
74			0.62	0.013	0.101	0.4726	3.8818	.0000E+00	.3511E-01	0.5208	.1473E-01	.2608E-02	0.0002	.2589E-07	.6096E-0
75	*		0.00	0.000	0.074	0.4541	5.0929	.0000E+00	.3779E-01	0.5698	.1611E-01	.2794E-02	0.0001	.7723E-08	.3491E-0
76			0.00	0.000	0.099	0.4314	4.6548	.0000E+00	.3682E-01	0.6180	.1747E-01	.2974E-02	0.0001	.1124E-07	.3786E-0
77			0.00	0.000	0.103	0.4083	4.2169	.0000E+00	.3586E-01	0.6596	.1865E-01	.3127E-02	0.0001	.6229E-08	.2808E-0
78	*		0.00	0.000	0.000	0.4024	3.8811	.0000E+00	.3511E-01	0.6955	.1967E-01	.3257E-02	0.0001	.3599E-08	.2132E-0
79			0.00	0.000	0.095	0.3809	3.6664	.0000E+00	.3464E-01	0.7268	.2055E-01	.3369E-02	0.0001	.2288E-08	.1705E-0
80	*		0.00	0.000	0.085	0.3610	3.3702	.0000E+00	.3398E-01	0.7540	.2132E-01	.3466E-02	0.0001	.1921E-08	.1924E-0
81	*		0.00	0.000	0.091	0.3402	3.0822	.0000E+00	.3335E-01	0.7773	.2198E-01	.3548E-02	0.0000	.1425E-08	.1462E-0
82			0.00	0.000	0.107	0.3168	2.8260	.0000E+00	.3278E-01	0.7971	.2254E-01	.3618E-02	0.0001	.1798E-08	.1640E-0
83			0.00	0.000	0.107	0.2937	2.5453	.0000E+00	.3216E-01	0.8138	.2301E-01	.3676E-02	0.0001	.2581E-08	.1960E-0
84			0.04	0.000	0.086	0.2808	2.1457	.0000E+00	.3128E-01	0.8271	.2339E-01	.3722E-02	0.0000	.1588E-08	.1726E-0
85			0.26	0.000	0.075	0.3066	1.8575	.0000E+00	.3064E-01	0.8373	.2368E-01	.3758E-02	0.0001	.5678E-08	.2855E-0
86			0.28	0.000	0.088	0.3336	1.6869	.0000E+00	.3026E-01	0.8453	.2390E-01	.3785E-02	0.0001	.8535E-08	.3507E-0

87		0.00	0.000	0.090	0.3136	1.5136	.0000E+00	.2988E-01	0.8516	.2408E-01	.3807E-02	0.0001	.1239E-07	.4229E-0
88		0.00	0.000	0.112	0.2900	1.3392	.0000E+00	.2949E-01	0.8564	.2422E-01	.3824E-02	0.0002	.1826E-07	.6399E-0
89		0.00	0.000	0.075	0.2727	1.1729	.0000E+00	.2913E-01	0.8599	.2431E-01	.3835E-02	0.0002	.2522E-07	.6045E-0
90	*	0.00	0.000	0.064	0.2573	0.9994	.0000E+00	.2874E-01	0.8620	.2437E-01	.3843E-02	0.0002	.3315E-07	.6922E-0
91		0.00	0.000	0.113	0.2338	0.8607	.0000E+00	.2843E-01	0.8631	.2440E-01	.3846E-02	0.0001	.2123E-07	.5784E-0
92		0.38	0.000	0.106	0.2748	0.7143	.0000E+00	.2811E-01	0.8632	.2441E-01	.3847E-02	0.0003	.5046E-07	.8527E-0
93		0.00	0.000	0.108	0.2522	0.5702	.0000E+00	.2779E-01	0.8625	.2439E-01	.3845E-02	0.0003	.6224E-07	.9466E-0
94		0.00	0.000	0.133	0.2255	0.4311	.0000E+00	.2749E-01	0.8611	.2435E-01	.3840E-02	0.0003	.7542E-07	.1042E-0
95		0.15	0.000	0.105	0.2285	0.2956	.0000E+00	.2719E-01	0.8590	.2429E-01	.3832E-02	0.0004	.8997E-07	.1137E-0
96		0.00	0.000	0.162	0.1971	0.1555	.0000E+00	.2688E-01	0.8562	.2421E-01	.3823E-02	0.0004	.1058E-06	.1233E-0
97		0.00	0.000	0.112	0.1764	0.0229	.0000E+00	.1156E-01	0.8380	.2369E-01	.3760E-02	0.0004	.1289E-06	.1367E-0
98		0.00	0.000	0.124	0.1558	0.0000	.0000E+00	.0000E+00	0.7851	.2220E-01	.3576E-02	0.0005	.1735E-06	.1596E-0
99		0.24	0.000	0.095	0.1799	0.0000	.0000E+00	.0000E+00	0.7180	.2030E-01	.3338E-02	0.0006	.2408E-06	.2374E-0
100		0.21	0.000	0.102	0.1980	0.0000	.0000E+00	.0000E+00	0.6565	.1856E-01	.3115E-02	0.0007	.3444E-06	.2215E-0
101		0.00	0.000	0.104	0.1806	0.0000	.0000E+00	.0000E+00	0.6001	.1697E-01	.2907E-02	0.0008	.4205E-06	.2447E-0
102		0.21	0.000	0.086	0.2014	0.0000	.0000E+00	.0000E+00	0.5483	.1550E-01	.2713E-02	0.0009	.4937E-06	.2650E-0
103		0.00	0.000	0.120	0.1814	0.0000	.0000E+00	.0000E+00	0.5009	.1416E-01	.2531E-02	0.0009	.5625E-06	.2828E-0
104		0.00	0.000	0.124	0.1608	0.0000	.0000E+00	.0000E+00	0.4575	.1294E-01	.2361E-02	0.0010	.6257E-06	.2982E-0
105		0.00	0.000	0.130	0.1392	0.0000	.0000E+00	.0000E+00	0.4177	.1181E-01	.2202E-02	0.0010	.6828E-06	.3114E-0
106		0.00	0.000	0.021	0.1356	0.0000	.0000E+00	.0000E+00	0.3812	.1078E-01	.2053E-02	0.0011	.7333E-06	.3227E-0
107		0.00	0.000	0.004	0.1350	0.0000	.0000E+00	.0000E+00	0.3478	.9835E-02	.1914E-02	0.0005	.3886E-06	.2496E-0
108		0.07	0.000	0.010	0.1451	0.0000	.0000E+00	.0000E+00	0.3173	.8971E-02	.1784E-02	0.0011	.7978E-06	.3381E-0
109		0.22	0.000	0.025	0.1776	0.0000	.0000E+00	.0000E+00	0.2893	.8180E-02	.1662E-02	0.0011	.8308E-06	.3449E-0
110		0.00	0.000	0.029	0.1728	0.0000	.0000E+00	.0000E+00	0.2637	.7456E-02	.1549E-02	0.0011	.8577E-06	.3503E-0
111		0.15	0.000	0.038	0.1915	0.0000	.0000E+00	.0000E+00	0.2403	.6794E-02	.1443E-02	0.0012	.8789E-06	.3545E-0
112		0.00	0.000	0.032	0.1861	0.0000	.0000E+00	.0000E+00	0.2189	.6189E-02	.1343E-02	0.0012	.8949E-06	.3575E-0
113		0.14	0.000	0.034	0.2037	0.0000	.0000E+00	.0000E+00	0.1993	.5635E-02	.1250E-02	0.0012	.9061E-06	.3597E-0
114		0.00	0.000	0.029	0.1989	0.0000	.0000E+00	.0000E+00	0.1814	.5129E-02	.1164E-02	0.0012	.9129E-06	.3609E-0
115		0.00	0.000	0.026	0.1945	0.0000	.0000E+00	.0000E+00	0.1650	.4666E-02	.1083E-02	0.0012	.9158E-06	.3614E-0
116		0.00	0.000	0.028	0.1899	0.0000	.0000E+00	.0000E+00	0.1501	.4244E-02	.1007E-02	0.0012	.9151E-06	.3612E-0
117		0.00	0.000	0.026	0.1855	0.0000	.0000E+00	.0000E+00	0.1364	.3858E-02	.9366E-03	0.0012	.9114E-06	.3604E-0
118		0.00	0.000	0.026	0.1812	0.0000	.0000E+00	.0000E+00	0.1240	.3506E-02	.8707E-03	0.0012	.9050E-06	.3591E-0
119		0.20	0.000	0.030	0.2095	0.0000	.0000E+00	.0000E+00	0.1126	.3184E-02	.8092E-03	0.0012	.8962E-06	.3573E-0
120		0.01	0.000	0.029	0.2063	0.0000	.0000E+00	.0000E+00	0.1022	.2891E-02	.7517E-03	0.0012	.8855E-06	.3551E-0
121		0.22	0.000	0.029	0.2381	0.0000	.0000E+00	.0000E+00	0.0928	.2623E-02	.6981E-03	0.0012	.8730E-06	.3525E-0
122		0.00	0.000	0.179	0.2083	0.0000	.0000E+00	.0000E+00	0.0841	.2379E-02	.6481E-03	0.0012	.8590E-06	.3497E-0
123		0.00	0.000	0.025	0.2041	0.0000	.0000E+00	.0000E+00	0.0763	.2157E-02	.6014E-03	0.0011	.8439E-06	.3465E-0
124		0.00	0.000	0.025	0.2000	0.0000	.0000E+00	.0000E+00	0.0691	.1954E-02	.5579E-03	0.0011	.8278E-06	.4281E-0
125		0.08	0.000	0.030	0.2084	0.0000	.0000E+00	.0000E+00	0.0626	.1770E-02	.5174E-03	0.0011	.8091E-06	.3387E-0
126		0.00	0.000	0.024	0.2044	0.0000	.0000E+00	.0000E+00	0.0567	.1602E-02	.4796E-03	0.0011	.7913E-06	.3350E-0
127		0.00	0.000	0.025	0.2002	0.0000	.0000E+00	.0000E+00	0.0513	.1449E-02	.4444E-03	0.0011	.7731E-06	.3311E-0
128		0.00	0.000	0.025	0.1960	0.0000	.0000E+00	.0000E+00	0.0463	.1310E-02	.4116E-03	0.0005	.3773E-06	.2461E-0
129		0.14	0.000	0.029	0.2145	0.0000	.0000E+00	.0000E+00	0.0419	.1184E-02	.3810E-03	0.0011	.7349E-06	.4042E-0
130		0.00	0.000	0.024	0.2106	0.0000	.0000E+00	.0000E+00	0.0378	.1069E-02	.3526E-03	0.0011	.7174E-06	.3190E-0
131		0.00	0.000	0.024	0.2065	0.0000	.0000E+00	.0000E+00	0.0341	.9650E-03	.3261E-03	0.0010	.6987E-06	.3148E-0
132		0.00	0.000	0.025	0.2023	0.0000	.0000E+00	.0000E+00	0.0308	.8703E-03	.3015E-03	0.0005	.3437E-06	.2336E-0
133		0.00	0.000	0.025	0.1981	0.0000	.0000E+00	.0000E+00	0.0277	.7844E-03	.2786E-03	0.0010	.6651E-06	.3074E-0
134		0.00	0.000	0.024	0.1941	0.0000	.0000E+00	.0000E+00	0.0250	.7065E-03	.2572E-03	0.0010	.6470E-06	.3032E-0
135		0.00	0.000	0.024	0.1901	0.0000	.0000E+00	.0000E+00	0.0225	.6359E-03	.2374E-03	0.0010	.6292E-06	.2990E-0
136		0.00	0.000	0.025	0.1859	0.0000	.0000E+00	.0000E+00	0.0202	.5719E-03	.2190E-03	0.0010	.6117E-06	.2948E-0
137		0.00	0.000	0.025	0.1817	0.0000	.0000E+00	.0000E+00	0.0182	.5139E-03	.2020E-03	0.0010	.5944E-06	.2906E-0
138		0.12	0.000	0.030	0.1967	0.0000	.0000E+00	.0000E+00	0.0163	.4615E-03	.1861E-03	0.0009	.5775E-06	.2864E-0
139		0.00	0.000	0.028	0.1921	0.0000	.0000E+00	.0000E+00	0.0146	.4141E-03	.1714E-03	0.0009	.5610E-06	.2823E-0
140		0.00	0.000	0.029	0.1873	0.0000	.0000E+00	.0000E+00	0.0131	.3712E-03	.1577E-03	0.0009	.5449E-06	.2782E-0
141		0.00	0.000	0.028	0.1826	0.0000	.0000E+00	.0000E+00	0.0118	.3325E-03	.1450E-03	0.0009	.5292E-06	.2742E-0
142		0.20	0.000	0.034	0.2102	0.0000	.0000E+00	.0000E+00	0.0105	.2976E-03	.1333E-03	0.0009	.5138E-06	.2702E-0
143		0.00	0.000	0.249	0.1687	0.0000	.0000E+00	.0000E+00	0.0094	.2661E-03	.1224E-03	0.0009	.4966E-06	.3321E-0
144		0.00	0.000	0.031	0.1635	0.0000	.0000E+00	.0000E+00	0.0084	.2377E-03	.1124E-03	0.0009	.4813E-06	.2613E-0
145		0.00	0.000	0.033	0.1580	0.0000	.0000E+00	.0000E+00	0.0075	.2121E-03	.1030E-03	0.0009	.4673E-06	.2575E-0
146		0.00	0.000	0.031	0.1528	0.0000	.0000E+00	.0000E+00	0.0067	.1890E-03	.9441E-04	0.0008	.4537E-06	.2537E-0
147		0.14	0.000	0.043	0.1690	0.0000	.0000E+00	.0000E+00	0.0060	.1683E-03	.8644E-04	0.0008	.4405E-06	.2500E-0
148		0.00	0.000	0.036	0.1630	0.0000	.0000E+00	.0000E+00	0.0053	.1497E-03	.7908E-04	0.0004	.2138E-06	.1852E-0
149		0.00	0.000	0.040	0.1563	0.0000	.0000E+00	.0000E+00	0.0047	.1330E-03	.7228E-04	0.0008	.4180E-06	.3040E-0
150		0.00	0.000	0.044	0.1491	0.0000	.0000E+00	.0000E+00	0.0042	.1180E-03	.6600E-04	0.0008	.4032E-06	.2392E-0
151		0.00	0.000	0.046	0.1414	0.0000	.0000E+00	.0000E+00	0.0037	.1046E-03	.6021E-04	0.0008	.3916E-06	.2358E-0
152		0.77	0.002	0.051	0.2610	0.0000	.0000E+00	.0000E+00	0.0033	.9258E-04	.5487E-04	0.0008	.3803E-06	.2323E-0
153		0.00	0.000	0.253	0.2187	0.0000	.0000E+00	.0000E+00	0.0029	.8183E-04	.4996E-04	0.0008	.3695E-06	.2290E-0
154		0.00	0.000	0.235	0.1796	0.0000	.0000E+00	.0000E+00	0.0026	.7222E-04	.4544E-04	0.0004	.1794E-06	.1696E-0
155		0.02	0.000	0.235	0.1438	0.0000	.0000E+00	.0000E+00	0.0023	.6365E-04	.4128E-04	0.0007	.3511E-06	.2233E-0
156		0.47	0.000	0.136	0.1995	0.0000	.0000E+00	.0000E+00	0.0020	.5601E-04	.3745E-04	0.0007	.3412E-06	.2201E-0
157		0.00	0.000	0.202	0.1659	0.0000	.0000E+00	.0000E+00	0.0017	.4920E-04	.3394E-04	0.0007	.3316E-06	.2170E-0
158		0.00	0.000	0.115	0.1468	0.0000	.0000E+00	.0000E+00	0.0015	.4315E-04	.3072E-04	0.0007	.3223E-06	.2139E-0
159		0.19	0.000	0.118	0.1588	0.0000	.0000E+00	.0000E+00	0.0013	.3778E-04	.2777E-04	0.0007	.3133E-06	.2109E-0
160		0.00	0.000	0.054	0.1497	0.0000	.0000E+00	.0000E+00	0.0012	.3302E-04	.2507E-04	0.0007	.3047E-06	.2595E-0
161		0.00	0.000	0.070	0.1381	0.0000	.0000E+00	.0000E+00	0.0010	.2880E-04	.2260E-04	0.0007	.2944E-06	.2044E-0
162		0.00	0.000	0.014	0.1358	0.0000	.0000E+00	.0000E+00	0.0009	.2506E-04	.2028E-04	0.0003	.1432E-06	.1515E-0
163		0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0008	.2178E-04	.1825E-04	0.0007	.2804E-06	.1996E-0
164		0.44	0.000	0.053	0.1997	0.0000	.0000E+00	.0000E+00	0.0007	.1887E-04	.1638E-04	0.0007	.2729E-06	.1969E-0
165		0.00	0.000	0.172	0.1710	0.0000	.0000E+00	.0000E+00	0.0006	.1632E-04	.1467E-04	0.0006	.2656E-06	.2423E-0
166		0.24	0.000	0.151	0.1858	0.0000	.0000E+00	.0000E+00	0.0005	.1407E-04	.1311E-04	0.0006	.2569E-06	.1910E-0
167		1.52	0.225	0.174	0.3726	0.0000	.0000E+00	.0000E+00	0.0004	.1211E-04	.1169E-04	0.0003	.1251E-06	.1416E-0
168		0.00	0.000	0.304	0.3170	1.5371	.0000E+00	.2993E-01	0.0300	.8491E-03	.2741E-03	0.0006	.2048E-06	.1670E-0
169		0.00	0.000	0.298	0.2622	1.7893	.0000E+00	.3049E-01	0.1053	.2978E-02	.7663E-03	0.0004	.1176E-06	.1221E-0
170		0.26	0.000	0.239	0.2607	1.5386	.0000E+00	.2993E-01	0.1742	.4927E-02	.1128E-02	0.0003	.5414E-07	.8245E-0
171		0.00	0.000	0.242	0.2155	1.1416	.0000E+00	.2906E-01	0.2355	.6658E-02	.1420E-02	0.0002	.2252E-07	.5225E-0
172		0.00	0.000	0.261	0.1674	0.6325	.0000E+00	.2793E-01	0.2889	.8168E-02	.1660E-02	0.0001	.7281E-08	.2841E-0
173		0.05	0.000	0.153	0.1493	0.0409	.0000E+00	.5216E-02	0.3134	.8862E-02	.1767E-02	0.0001	.2249E-08	.1644E-0
174		0.00	0.000	0.075	0.1368	0.0000	.0000E+00	.0000E+00	0.2941	.8317E-02	.1684E-02	0.0001	.3205E-08	.2227E-0
175		0.00	0.000	0.008	0.1354	0.0000	.0000E+00	.0000E+00	0.2681	.7582E-02	.1569E-02	0.0001	.7974E-08	.3496E-0
176		0.47	0.000	0.073	0.2015	0.0000	.0000E+00	.0000E+00	0.2443	.6909E-02	.1461E-02	0.0001	.1504E-07	.4753E-0
177		0.00	0.000	0.236	0.1622	0.0000	.0000E+00	.0000E+00	0.2226	.6293E-02	.1361E-02	0.0002	.2353E-07	.5906E-0
178		0.00	0.000	0.142	0.1385	0.0000	.0000E+00	.0000E+00	0.2027	.5731E-02	.1267E-02	0.0002	.3297E-07	.6963E-0
179		0.04	0.000	0.042	0.1381	0.0000	.0000E+00	.0000E+00	0.1845	.5216E-02	.1179E-02	0.0003	.4301E-07	.7929E-0
180		0.04	0.000	0.029	0.1400	0.0000	.0000E+00	.0000E+00	0.1679	.4746E-02	.1097E-02	0.0003	.5334E-07	.8810E-0
181		0.00	0.000	0.018	0.1370	0.0000	.0000E+00	.0000E+00	0.1527	.4317E-02	.1020E-02	0.0003	.6371E-07	.9612E-0
182		0.41	0.000	0.083	0.1915	0.0000	.0000E+00	.0000E+00	0.1388	.3925E-02	.9490E-03	0.0003	.7392E-07	.1297E-0

183	0.00	0.000	0.187	0.1603	0.0000	.0000E+00	.0000E+00	0.1261	.3566E-02	.8822E-03	0.0004	.8757E-07	.1116E-0
184	0.00	0.000	0.114	0.1413	0.0000	.0000E+00	.0000E+00	0.1146	.3240E-02	.8199E-03	0.0004	.9692E-07	.1174E-0
185	0.62	0.000	0.139	0.2215	0.0000	.0000E+00	.0000E+00	0.1040	.2941E-02	.7617E-03	0.0004	.1057E-06	.1226E-0
186	0.00	0.000	0.211	0.1863	0.0000	.0000E+00	.0000E+00	0.0944	.2669E-02	.7075E-03	0.0004	.1140E-06	.1273E-0
187	0.00	0.000	0.230	0.1479	0.0000	.0000E+00	.0000E+00	0.0856	.2421E-02	.6568E-03	0.0004	.1216E-06	.1314E-0
188	0.00	0.000	0.068	0.1365	0.0000	.0000E+00	.0000E+00	0.0776	.2195E-02	.6096E-03	0.0004	.1285E-06	.1351E-0
189	0.00	0.000	0.009	0.1350	0.0000	.0000E+00	.0000E+00	0.0704	.1989E-02	.5655E-03	0.0005	.1349E-06	.1384E-0
190	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0637	.1802E-02	.5245E-03	0.0005	.1405E-06	.1413E-0
191	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0577	.1631E-02	.4862E-03	0.0002	.7279E-07	.1080E-0
192	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0522	.1476E-02	.4505E-03	0.0005	.1480E-06	.1818E-0
193	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0472	.1334E-02	.4173E-03	0.0005	.1539E-06	.1478E-0
194	1.59	0.191	0.137	0.3453	0.0000	.0000E+00	.0000E+00	0.0426	.1206E-02	.3863E-03	0.0005	.1572E-06	.1494E-0
195	0.00	0.000	0.276	0.2957	0.7915	.0000E+00	.2165E-01	0.0600	.1697E-02	.4982E-03	0.0005	.1318E-06	.1369E-0
196	0.00	0.000	0.315	0.2383	1.1748	.0000E+00	.2913E-01	0.1179	.3335E-02	.8363E-03	0.0003	.7363E-07	.1023E-0
197	0.00	0.000	0.301	0.1834	0.8420	.0000E+00	.2839E-01	0.1821	.5148E-02	.1166E-02	0.0002	.3393E-07	.6951E-0
198	0.00	0.000	0.272	0.1369	0.2334	.0000E+00	.6986E-02	0.2182	.6170E-02	.1340E-02	0.0002	.1971E-07	.5302E-0
199	0.00	0.000	0.011	0.1350	0.0000	.0000E+00	.0000E+00	0.2099	.5935E-02	.1301E-02	0.0002	.2360E-07	.5800E-0
200	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1911	.5403E-02	.1211E-02	0.0002	.3235E-07	.6788E-0
201	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1739	.4917E-02	.1127E-02	0.0003	.4155E-07	.7691E-0
202	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1582	.4473E-02	.1048E-02	0.0001	.2548E-07	.6384E-0
203	0.39	0.000	0.108	0.1820	0.0000	.0000E+00	.0000E+00	0.1438	.4067E-02	.9751E-03	0.0003	.5683E-07	.9080E-0
204	0.00	0.000	0.097	0.1658	0.0000	.0000E+00	.0000E+00	0.1307	.3696E-02	.9066E-03	0.0003	.6610E-07	.9779E-0
205	0.00	0.000	0.136	0.1430	0.0000	.0000E+00	.0000E+00	0.1188	.3358E-02	.8427E-03	0.0003	.7512E-07	.1041E-0
206	1.11	0.048	0.167	0.2922	0.0000	.0000E+00	.0000E+00	0.1079	.3050E-02	.7830E-03	0.0004	.8377E-07	.1099E-0
207	0.18	0.000	0.177	0.2905	0.1118	.0000E+00	.1351E-01	0.1113	.3147E-02	.8018E-03	0.0004	.8470E-07	.1095E-0
208	0.00	0.000	0.278	0.2398	0.1209	.0000E+00	.2680E-01	0.1494	.4223E-02	.1003E-02	0.0003	.6543E-07	.9374E-0
209	0.00	0.000	0.220	0.2025	0.0063	.0000E+00	.3685E-02	0.1825	.5160E-02	.1169E-02	0.0003	.4365E-07	.9467E-0
210	0.00	0.000	0.263	0.1587	0.0000	.0000E+00	.0000E+00	0.1719	.4862E-02	.1117E-02	0.0003	.4296E-07	.7820E-0
211	0.00	0.000	0.132	0.1367	0.0000	.0000E+00	.0000E+00	0.1564	.4422E-02	.1039E-02	0.0003	.5240E-07	.8635E-0
212	0.84	0.007	0.154	0.2498	0.0000	.0000E+00	.0000E+00	0.1422	.4021E-02	.9667E-03	0.0002	.3091E-07	.7033E-0
213	0.06	0.000	0.230	0.2216	0.0000	.0000E+00	.0000E+00	0.1292	.3654E-02	.8988E-03	0.0003	.6755E-07	.9884E-0
214	0.00	0.000	0.258	0.1786	0.0000	.0000E+00	.0000E+00	0.1174	.3320E-02	.8353E-03	0.0003	.7655E-07	.1051E-0
215	0.00	0.000	0.210	0.1437	0.0000	.0000E+00	.0000E+00	0.1066	.3015E-02	.7762E-03	0.0004	.8516E-07	.1108E-0
216	0.00	0.000	0.045	0.1362	0.0000	.0000E+00	.0000E+00	0.0968	.2736E-02	.7209E-03	0.0004	.9333E-07	.1159E-0
217	0.00	0.000	0.007	0.1350	0.0000	.0000E+00	.0000E+00	0.0878	.2482E-02	.6694E-03	0.0004	.1010E-06	.1204E-0
218	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0796	.2251E-02	.6213E-03	0.0004	.1079E-06	.1558E-0
219	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0721	.2040E-02	.5765E-03	0.0004	.1172E-06	.1291E-0
220	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0654	.1848E-02	.5346E-03	0.0004	.1230E-06	.1322E-0
221	0.22	0.000	0.082	0.1579	0.0000	.0000E+00	.0000E+00	0.0592	.1673E-02	.4957E-03	0.0004	.1282E-06	.1350E-0
222	0.83	0.011	0.101	0.2776	0.0000	.0000E+00	.0000E+00	0.0535	.1514E-02	.4594E-03	0.0002	.6673E-07	.1032E-0
223	0.00	0.000	0.174	0.2486	0.0000	.0000E+00	.0000E+00	0.0484	.1369E-02	.4255E-03	0.0005	.1351E-06	.1390E-0
224	0.00	0.000	0.237	0.2091	0.0000	.0000E+00	.0000E+00	0.0438	.1237E-02	.3940E-03	0.0005	.1389E-06	.1408E-0
225	0.00	0.000	0.190	0.1774	0.0000	.0000E+00	.0000E+00	0.0395	.1118E-02	.3647E-03	0.0005	.1421E-06	.1424E-0
226	0.00	0.000	0.168	0.1493	0.0000	.0000E+00	.0000E+00	0.0357	.1009E-02	.3374E-03	0.0005	.1445E-06	.1797E-0
227	0.00	0.000	0.080	0.1360	0.0000	.0000E+00	.0000E+00	0.0322	.9103E-03	.3119E-03	0.0005	.1483E-06	.1452E-0
228	0.00	0.000	0.006	0.1350	0.0000	.0000E+00	.0000E+00	0.0290	.8207E-03	.2883E-03	0.0005	.1501E-06	.1460E-0
229	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0261	.7394E-03	.2663E-03	0.0005	.1514E-06	.1467E-0
230	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0235	.6657E-03	.2459E-03	0.0005	.1524E-06	.1471E-0
231	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0212	.5989E-03	.2269E-03	0.0002	.7651E-07	.1107E-0
232	0.03	0.000	0.028	0.1354	0.0000	.0000E+00	.0000E+00	0.0190	.5384E-03	.2092E-03	0.0005	.1524E-06	.1843E-0
233	0.00	0.000	0.001	0.1352	0.0000	.0000E+00	.0000E+00	0.0171	.4836E-03	.1928E-03	0.0002	.7713E-07	.1109E-0
234	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0154	.4341E-03	.1776E-03	0.0005	.1529E-06	.1475E-0
235	0.36	0.000	0.089	0.1802	0.0000	.0000E+00	.0000E+00	0.0138	.3893E-03	.1635E-03	0.0005	.1521E-06	.1840E-0
236	0.39	0.000	0.107	0.2274	0.0000	.0000E+00	.0000E+00	0.0123	.3488E-03	.1504E-03	0.0002	.7649E-07	.1104E-0
237	0.05	0.000	0.184	0.2051	0.0000	.0000E+00	.0000E+00	0.0110	.3123E-03	.1383E-03	0.0005	.1512E-06	.1467E-0
238	0.00	0.000	0.178	0.1754	0.0000	.0000E+00	.0000E+00	0.0099	.2793E-03	.1270E-03	0.0005	.1503E-06	.1462E-0
239	2.85	0.862	0.162	0.4797	0.0000	.0000E+00	.0000E+00	0.0088	.2496E-03	.1166E-03	0.0005	.1492E-06	.1819E-0
240	0.00	0.000	0.233	0.4347	4.8581	.0000E+00	.3727E-01	0.0448	.1268E-02	.3852E-03	0.0004	.9703E-07	.1174E-0
241	0.00	0.000	0.272	0.3835	4.0724	.0000E+00	.3554E-01	0.1356	.3834E-02	.9297E-03	0.0002	.2761E-07	.6270E-0
242	0.00	0.000	0.266	0.3336	3.3023	.0000E+00	.3383E-01	0.2139	.6047E-02	.1319E-02	0.0001	.4229E-08	.2460E-0
243	0.97	0.058	0.168	0.4520	2.9917	.0000E+00	.3315E-01	0.2820	.7974E-02	.1630E-02	0.0000	.0000E+00	.0000E+0
244	0.00	0.000	0.231	0.4074	4.2513	.0000E+00	.3593E-01	0.3460	.9784E-02	.1906E-02	0.0000	.0000E+00	.0000E+0
245	0.00	0.000	0.183	0.3711	3.6981	.0000E+00	.3471E-01	0.4079	.1153E-01	.2162E-02	0.0000	.0000E+00	.0000E+0
246	0.10	0.000	0.132	0.3602	3.3077	.0000E+00	.3385E-01	0.4617	.1305E-01	.2377E-02	0.0000	.0000E+00	.0000E+0
247	0.00	0.000	0.142	0.3310	2.9610	.0000E+00	.3308E-01	0.5088	.1439E-01	.2562E-02	0.0000	.0000E+00	.0000E+0
248	0.00	0.000	0.177	0.2960	2.6101	.0000E+00	.3230E-01	0.5500	.1555E-01	.2719E-02	0.0000	.0000E+00	.0000E+0
249	0.00	0.000	0.179	0.2610	2.0416	.0000E+00	.3105E-01	0.5853	.1655E-01	.2852E-02	0.0000	.0000E+00	.0000E+0
250	0.00	0.000	0.191	0.2243	1.4823	.0000E+00	.2981E-01	0.6144	.1737E-01	.2961E-02	0.0000	.0000E+00	.0000E+0
251	0.53	0.000	0.181	0.2776	0.9659	.0000E+00	.2867E-01	0.6379	.1804E-01	.3048E-02	0.0000	.0000E+00	.0000E+0
252	0.00	0.000	0.204	0.2388	0.7853	.0000E+00	.2827E-01	0.6573	.1858E-01	.3118E-02	0.0000	.0000E+00	.0000E+0
253	0.00	0.000	0.181	0.2040	0.6265	.0000E+00	.2792E-01	0.6740	.1906E-01	.3179E-02	0.0000	.0000E+00	.0000E+0
254	0.00	0.000	0.178	0.1697	0.4265	.0000E+00	.2747E-01	0.6883	.1946E-01	.3231E-02	0.0000	.0000E+00	.0000E+0
255	0.00	0.000	0.116	0.1491	0.0875	.0000E+00	.6774E-02	0.6802	.1923E-01	.3202E-02	0.0000	.0000E+00	.0000E+0
256	0.00	0.000	0.085	0.1350	0.0000	.0000E+00	.0000E+00	0.6327	.1789E-01	.3028E-02	0.0000	.0000E+00	.0000E+0
257	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5783	.1635E-01	.2826E-02	0.0000	.0000E+00	.0000E+0
258	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5284	.1494E-01	.2637E-02	0.0000	.0000E+00	.0000E+0
259	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4826	.1365E-01	.2460E-02	0.0000	.0000E+00	.0000E+0
260	0.08	0.000	0.039	0.1419	0.0000	.0000E+00	.0000E+00	0.4407	.1246E-01	.2294E-02	0.0000	.0000E+00	.0000E+0
261	0.40	0.000	0.075	0.1961	0.0000	.0000E+00	.0000E+00	0.4023	.1138E-01	.2140E-02	0.0000	.1067E-08	.1250E-0
262	0.14	0.000	0.080	0.2060	0.0000	.0000E+00	.0000E+00	0.3672	.1038E-01	.1995E-02	0.0001	.6271E-08	.3003E-0
263	0.00	0.000	0.118	0.1864	0.0000	.0000E+00	.0000E+00	0.3350	.9471E-02	.1860E-02	0.0001	.7438E-08	.3439E-0
264	0.00	0.000	0.093	0.1709	0.0000	.0000E+00	.0000E+00	0.3055	.8638E-02	.1733E-02	0.0002	.2186E-07	.5727E-0
265	0.07	0.000	0.115	0.1634	0.0000	.0000E+00	.0000E+00	0.2785	.7875E-02	.1615E-02	0.0002	.3411E-07	.7110E-0
266	0.00	0.000	0.111	0.1449	0.0000	.0000E+00	.0000E+00	0.2538	.7177E-02	.1504E-02	0.0003	.4769E-07	.8373E-0
267	0.15	0.000	0.099	0.1534	0.0000	.0000E+00	.0000E+00	0.2313	.6539E-02	.1401E-02	0.0003	.6219E-07	.1198E-0
268	0.55	0.000	0.097	0.2289	0.0000	.0000E+00	.0000E+00	0.2106	.5955E-02	.1304E-02	0.0004	.8229E-07	.1082E-0
269	0.09	0.000	0.078	0.2309	0.0000	.0000E+00	.0000E+00	0.1917	.5421E-02	.1214E-02	0.0004	.9699E-07	.1175E-0
270	0.56	0.000	0.084	0.3102	0.0000	.0000E+00	.0000E+00	0.1745	.4934E-02	.1130E-02	0.0004	.1113E-06	.1258E-0
271	0.00	0.000	0.088	0.2910	0.4412	.0000E+00	.2751E-01	0.1860	.5260E-02	.1186E-02	0.0004	.1014E-06	.1201E-0
272	0.00	0.000	0.087	0.2719	0.4374	.0000E+00	.2750E-01	0.2408	.6808E-02	.1444E-02	0.0003	.6291E-07	.9465E-0
273	1.32	0.144	0.079	0.4500	0.7512	.0000E+00	.2819E-01	0.2915	.8243E-02	.1672E-02	0.0001	.1876E-07	.5471E-0
274	0.00	0.000	0.093	0.4284	4.3434	.0000E+00	.3614E-01	0.3470	.9811E-02	.1910E-02	0.0002	.2533E-07	.5675E-0
275	0.49	0.012	0.076	0.4893	4.5613	.0000E+00	.3662E-01	0.4110	.1162E-01	.2174E-02	0.0001	.9928E-08	.3363E-0
276	0.00	0.000	0.080	0.4695	5.5177	.0000E+00	.3873E-01	0.4724	.1336E-01	.2420E-02	0.0001	.1928E-08	.1217E-0
277	0.00	0.000	0.080	0.4499	5.0110	.0000E+00	.3761E-01	0.5311	.1502E-01	.2647E-02	0.0000	.1309E-09	.2157E-0
278	0.01	0.000	0.057	0.4360	4.6748	.0000E+00	.3687E-01	0.5822	.1646E-01	.2841E-02	0.0000	.0000E+00	.0000E+0

279		1.11	0.594	0.088	0.5010	5.3032	.0000E+00	.3826E-01	0.6293	.1779E-01	.3016E-02	0.0000	.0000E+00	.0000E+0
280		0.00	0.000	0.075	0.4820	5.8041	.0000E+00	.3936E-01	0.6758	.1911E-01	.3186E-02	0.0000	.0000E+00	.0000E+0
281		0.00	0.000	0.066	0.4646	5.3173	.0000E+00	.3829E-01	0.7192	.2034E-01	.3342E-02	0.0000	.0000E+00	.0000E+0
282		0.03	0.000	0.064	0.4527	4.9429	.0000E+00	.3746E-01	0.7564	.2139E-01	.3475E-02	0.0000	.0000E+00	.0000E+0
283		0.00	0.000	0.074	0.4343	4.6853	.0000E+00	.3689E-01	0.7886	.2230E-01	.3588E-02	0.0000	.0000E+00	.0000E+0
284		0.00	0.000	0.075	0.4157	4.3173	.0000E+00	.3608E-01	0.8165	.2309E-01	.3685E-02	0.0000	.0000E+00	.0000E+0
285		0.00	0.000	0.049	0.4017	3.9808	.0000E+00	.3533E-01	0.8400	.2375E-01	.3767E-02	0.0000	.0000E+00	.0000E+0
286		0.00	0.000	0.063	0.3854	3.7268	.0000E+00	.3477E-01	0.8598	.2431E-01	.3835E-02	0.0000	.0000E+00	.0000E+0
287		0.00	0.000	0.041	0.3729	3.4853	.0000E+00	.3424E-01	0.8765	.2478E-01	.3892E-02	0.0000	.0000E+00	.0000E+0
288		0.00	0.000	0.044	0.3600	3.2652	.0000E+00	.3375E-01	0.8905	.2518E-01	.3940E-02	0.0000	.0000E+00	.0000E+0
289		0.13	0.000	0.064	0.3655	3.0516	.0000E+00	.3328E-01	0.9021	.2551E-01	.3980E-02	0.0000	.0000E+00	.0000E+0
290		0.55	0.000	0.061	0.4415	3.1277	.0000E+00	.3345E-01	0.9121	.2579E-01	.4014E-02	0.0000	.0000E+00	.0000E+0
291		0.39	0.003	0.061	0.4897	4.8229	.0000E+00	.3720E-01	0.9253	.2616E-01	.4059E-02	0.0000	.0000E+00	.0000E+0
292		0.00	0.000	0.062	0.4729	5.5183	.0000E+00	.3873E-01	0.9450	.2672E-01	.4125E-02	0.0000	.0000E+00	.0000E+0
293		0.00	0.000	0.046	0.4589	5.1058	.0000E+00	.3782E-01	0.9646	.2728E-01	.4191E-02	0.0000	.0000E+00	.0000E+0
294		0.00	0.000	0.053	0.4440	4.7760	.0000E+00	.3709E-01	0.9805	.2772E-01	.4244E-02	0.0000	.0000E+00	.0000E+0
295		0.00	0.000	0.049	0.4297	4.4683	.0000E+00	.3641E-01	0.9931	.2808E-01	.4287E-02	0.0000	.0000E+00	.0000E+0
296		0.00	0.000	0.030	0.4187	4.1884	.0000E+00	.3579E-01	1.0030	.2836E-01	.4320E-02	0.0000	.0000E+00	.0000E+0
297		0.00	0.000	0.045	0.4054	3.9389	.0000E+00	.3524E-01	1.0106	.2857E-01	.4345E-02	0.0000	.0000E+00	.0000E+0
298		0.00	0.000	0.046	0.3919	3.7059	.0000E+00	.3473E-01	1.0161	.2873E-01	.4363E-02	0.0000	.1489E-10	.1500E-0
299		0.00	0.000	0.035	0.3805	3.4837	.0000E+00	.3423E-01	1.0199	.2884E-01	.4376E-02	0.0000	.8913E-09	.1159E-0
300		0.00	0.000	0.032	0.3695	3.2760	.0000E+00	.3378E-01	1.0221	.2890E-01	.4383E-02	0.0001	.3685E-08	.2342E-0
301		0.00	0.000	0.043	0.3568	3.0665	.0000E+00	.3331E-01	1.0229	.2892E-01	.4386E-02	0.0001	.8641E-08	.3569E-0
302	*	0.00	0.000	0.034	0.3456	2.8699	.0000E+00	.3288E-01	1.0225	.2891E-01	.4384E-02	0.0002	.1592E-07	.4829E-0
303		0.00	0.000	0.037	0.3341	2.6903	.0000E+00	.3248E-01	1.0210	.2887E-01	.4380E-02	0.0002	.2562E-07	.7835E-0
304		0.00	0.000	0.035	0.3229	2.5118	.0000E+00	.3209E-01	1.0186	.2880E-01	.4372E-02	0.0003	.4126E-07	.7731E-0
305		0.83	0.022	0.053	0.4433	2.5029	.0000E+00	.3207E-01	1.0158	.2872E-01	.4362E-02	0.0003	.5637E-07	.9024E-0
306		0.00	0.000	0.043	0.4302	4.2632	.0000E+00	.3596E-01	1.0170	.2876E-01	.4366E-02	0.0003	.7162E-07	.1016E-0
307		0.00	0.000	0.037	0.4180	4.0434	.0000E+00	.3547E-01	1.0239	.2895E-01	.4389E-02	0.0002	.4277E-07	.8219E-0
308		0.10	0.000	0.056	0.4196	3.8176	.0000E+00	.3497E-01	1.0289	.2909E-01	.4406E-02	0.0004	.9793E-07	.1185E-0
309		0.00	0.000	0.035	0.4080	3.6492	.0000E+00	.3460E-01	1.0324	.2919E-01	.4417E-02	0.0004	.1156E-06	.1288E-0
310		0.00	0.000	0.039	0.3958	3.4570	.0000E+00	.3418E-01	1.0346	.2925E-01	.4424E-02	0.0005	.1354E-06	.1394E-0
311		1.29	0.571	0.051	0.5010	4.5294	.0000E+00	.3655E-01	1.0382	.2936E-01	.4437E-02	0.0005	.1562E-06	.1496E-0
312		1.04	1.021	0.056	0.4882	5.8676	.0000E+00	.3951E-01	1.0483	.2964E-01	.4470E-02	0.0005	.1747E-06	.1579E-0
313		1.53	1.358	0.055	0.5010	5.9020	.0000E+00	.3958E-01	1.0624	.3004E-01	.4516E-02	0.0005	.1906E-06	.1648E-0
314		0.00	0.000	0.042	0.4874	5.8595	.0000E+00	.3949E-01	1.0754	.3041E-01	.4559E-02	0.0006	.2068E-06	.1717E-0
315		0.00	0.000	0.039	0.4743	5.5019	.0000E+00	.3870E-01	1.0864	.3072E-01	.4595E-02	0.0006	.2252E-06	.1792E-0
316		0.00	0.000	0.045	0.4605	5.1489	.0000E+00	.3792E-01	1.0944	.3095E-01	.4621E-02	0.0006	.2466E-06	.1877E-0
317		0.00	0.000	0.059	0.4445	4.8025	.0000E+00	.3715E-01	1.0998	.3110E-01	.4639E-02	0.0007	.2752E-06	.2478E-0
318		0.00	0.000	0.054	0.4294	4.4796	.0000E+00	.3644E-01	1.1028	.3118E-01	.4649E-02	0.0007	.3060E-06	.2093E-0
319		0.00	0.000	0.055	0.4142	4.1671	.0000E+00	.3575E-01	1.1037	.3121E-01	.4652E-02	0.0004	.1646E-06	.1638E-0
320		0.00	0.000	0.050	0.4001	3.8829	.0000E+00	.3512E-01	1.1028	.3118E-01	.4649E-02	0.0007	.3627E-06	.2278E-0
321		0.00	0.000	0.043	0.3871	3.6503	.0000E+00	.3460E-01	1.1004	.3111E-01	.4641E-02	0.0008	.3979E-06	.2386E-0
322		0.00	0.000	0.039	0.3749	3.4287	.0000E+00	.3411E-01	1.0969	.3102E-01	.4629E-02	0.0008	.4348E-06	.2494E-0
323		0.00	0.000	0.042	0.3623	3.2120	.0000E+00	.3363E-01	1.0924	.3089E-01	.4615E-02	0.0009	.4730E-06	.2601E-0
324		0.15	0.000	0.057	0.3724	2.9969	.0000E+00	.3316E-01	1.0871	.3074E-01	.4597E-02	0.0009	.5123E-06	.2707E-0
325		0.14	0.000	0.061	0.3800	2.8047	.0000E+00	.3273E-01	1.0810	.3057E-01	.4577E-02	0.0009	.5523E-06	.3527E-0
326		0.00	0.000	0.048	0.3666	2.6265	.0000E+00	.3234E-01	1.0743	.3038E-01	.4556E-02	0.0010	.6039E-06	.2935E-0
327		0.15	0.000	0.058	0.3767	2.4787	.0000E+00	.3201E-01	1.0673	.3018E-01	.4532E-02	0.0010	.6443E-06	.3032E-0
328		0.00	0.000	0.057	0.3619	2.3248	.0000E+00	.3167E-01	1.0599	.2997E-01	.4508E-02	0.0010	.6844E-06	.3124E-0
329		0.00	0.000	0.049	0.3485	2.2104	.0000E+00	.3142E-01	1.0523	.2976E-01	.4483E-02	0.0011	.7237E-06	.3212E-0
330		0.00	0.000	0.051	0.3348	2.0072	.0000E+00	.3097E-01	1.0446	.2954E-01	.4457E-02	0.0011	.7622E-06	.3296E-0
331		0.00	0.000	0.045	0.3221	1.8556	.0000E+00	.3063E-01	1.0363	.2930E-01	.4430E-02	0.0006	.4000E-06	.2528E-0
332		0.17	0.000	0.054	0.3365	1.6976	.0000E+00	.3029E-01	1.0279	.2907E-01	.4403E-02	0.0011	.8261E-06	.3434E-0
333		0.00	0.000	0.043	0.3243	1.5422	.0000E+00	.2994E-01	1.0193	.2882E-01	.4374E-02	0.0012	.8619E-06	.3507E-0
334		0.62	0.004	0.064	0.4112	1.7419	.0000E+00	.3038E-01	1.0113	.2859E-01	.4347E-02	0.0012	.8958E-06	.3575E-0
335		0.00	0.000	0.053	0.3968	3.3176	.0000E+00	.3387E-01	1.0081	.2850E-01	.4337E-02	0.0012	.9227E-06	.3626E-0
336		0.00	0.000	0.050	0.3829	3.1416	.0000E+00	.3348E-01	1.0104	.2857E-01	.4344E-02	0.0012	.9399E-06	.3657E-0
337		0.00	0.000	0.051	0.3688	2.9251	.0000E+00	.3300E-01	1.0114	.2860E-01	.4348E-02	0.0012	.9546E-06	.4613E-0
338		0.00	0.000	0.044	0.3561	2.7341	.0000E+00	.3258E-01	1.0111	.2859E-01	.4347E-02	0.0012	.9752E-06	.3726E-0
339		0.00	0.000	0.033	0.3453	2.5522	.0000E+00	.3217E-01	1.0098	.2855E-01	.4342E-02	0.0012	.9933E-06	.3760E-0
340	*	0.00	0.000	0.029	0.3352	2.3791	.0000E+00	.3179E-01	1.0075	.2849E-01	.4335E-02	0.0013	.1012E-05	.3796E-0
341	*	0.00	0.000	0.026	0.3257	2.2107	.0000E+00	.3142E-01	1.0044	.2840E-01	.4325E-02	0.0013	.1032E-05	.3832E-0
342	*	0.00	0.000	0.029	0.3156	2.0169	.0000E+00	.3099E-01	1.0006	.2829E-01	.4312E-02	0.0013	.1051E-05	.3868E-0
343	*	0.00	0.000	0.028	0.3059	1.8827	.0000E+00	.3069E-01	0.9961	.2817E-01	.4297E-02	0.0013	.1071E-05	.3904E-0
344	*	0.00	0.000	0.000	0.3008	1.7348	.0000E+00	.3037E-01	0.9912	.2803E-01	.4280E-02	0.0013	.1090E-05	.3939E-0
345	*	0.00	0.000	0.000	0.2958	1.5954	.0000E+00	.3006E-01	0.9858	.2787E-01	.4262E-02	0.0013	.1109E-05	.3973E-0
346	*	0.00	0.000	0.025	0.2866	1.4536	.0000E+00	.2975E-01	0.9801	.2771E-01	.4243E-02	0.0013	.1128E-05	.4005E-0
347		0.09	0.000	0.046	0.2891	1.3056	.0000E+00	.2942E-01	0.9740	.2754E-01	.4223E-02	0.0013	.1145E-05	.4036E-0
348	*	1.48	0.000	0.000	0.2875	1.1621	.0000E+00	.2910E-01	0.9676	.2736E-01	.4201E-02	0.0013	.1162E-05	.4066E-0
349		0.00	0.000	0.014	0.3203	1.0069	.0000E+00	.2876E-01	0.9609	.2717E-01	.4179E-02	0.0014	.1178E-05	.4094E-0
350		0.00	0.000	0.000	0.3718	1.2319	.0000E+00	.2926E-01	0.9546	.2699E-01	.4158E-02	0.0014	.1192E-05	.4118E-0
351		0.00	0.000	0.036	0.3699	2.3652	.0000E+00	.3176E-01	0.9522	.2692E-01	.4150E-02	0.0007	.5991E-06	.3096E-0
352		0.37	0.013	0.000	0.4702	3.2995	.0000E+00	.3383E-01	0.9560	.2703E-01	.4163E-02	0.0014	.1194E-05	.4119E-0
353		0.00	0.197	0.000	0.5010	5.6091	.0000E+00	.3893E-01	0.9680	.2737E-01	.4203E-02	0.0014	.1179E-05	.5110E-0
354		0.00	0.080	0.047	0.4944	5.9313	.0000E+00	.3965E-01	0.9878	.2793E-01	.4269E-02	0.0013	.1138E-05	.4024E-0
355		0.00	0.000	0.035	0.4821	5.6944	.0000E+00	.3912E-01	1.0067	.2846E-01	.4332E-02	0.0013	.1111E-05	.3976E-0
356		0.00	0.000	0.035	0.4699	5.3685	.0000E+00	.3840E-01	1.0225	.2891E-01	.4384E-02	0.0013	.1093E-05	.3944E-0
357		0.00	0.000	0.036	0.4575	5.0464	.0000E+00	.3769E-01	1.0350	.2927E-01	.4426E-02	0.0013	.1083E-05	.3926E-0
358		0.00	0.000	0.037	0.4452	4.7634	.0000E+00	.3706E-01	1.0448	.2954E-01	.4458E-02	0.0013	.1080E-05	.3921E-0
359		0.00	0.000	0.040	0.4324	4.4911	.0000E+00	.3646E-01	1.0522	.2975E-01	.4483E-02	0.0013	.1082E-05	.3925E-0
360		0.00	0.000	0.043	0.4193	4.2134	.0000E+00	.3585E-01	1.0574	.2990E-01	.4500E-02	0.0013	.1089E-05	.3936E-0
361		0.00	0.000	0.040	0.4067	3.9456	.0000E+00	.3526E-01	1.0606	.2999E-01	.4510E-02	0.0013	.1099E-05	.3955E-0
362	*	0.03	0.000	0.043	0.3987	3.7355	.0000E+00	.3479E-01	1.0621	.3003E-01	.4515E-02	0.0007	.5560E-06	.2981E-0
363	*	0.00	0.000	0.028	0.3882	3.5476	.0000E+00	.3438E-01	1.0623	.3004E-01	.4516E-02	0.0013	.1123E-05	.3998E-0
364	*	0.00	0.000	0.028	0.3779	3.3472	.0000E+00	.3393E-01	1.0614	.3001E-01	.4513E-02	0.0013	.1139E-05	.5038E-0
365		0.00	0.000	0.037	0.3662	3.1442	.0000E+00	.3348E-01	1.0594	.2996E-01	.4507E-02	0.0013	.1161E-05	.4064E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 7

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.89	4.07	3.30	1.98	0.90	4.51
	5.14	5.76	3.99	2.71	6.02	1.97
RUNOFF	0.882	3.458	1.577	0.000	0.000	0.228
	0.246	0.932	0.145	0.609	2.977	0.290
EVAPOTRANSPIRATION	0.648	0.497	2.126	2.109	1.289	4.156
	4.087	3.475	3.424	1.755	1.482	0.913
PERCOLATION/LEAKAGE THROUGH	0.6380	0.0000	0.8034	0.1774	0.0000	0.1526
LAYER 2	0.1302	0.1398	0.4330	1.1089	1.0313	1.0373
LATERAL DRAINAGE COLLECTED	0.7771	0.0978	0.4200	0.3935	0.0260	0.0822
FROM LAYER 3	0.1075	0.0552	0.3660	0.7345	0.8997	0.8839
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1209	0.0232	0.0708	0.0692	0.0085	0.0181
LAYER 4	0.0264	0.0150	0.0668	0.1159	0.1353	0.1345
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1292	0.1265	0.0403	0.0793	0.0920	0.0427
LAYER 7	0.0331	0.0392	0.0103	0.0038	0.0676	0.1230

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.638	0.000	2.529	0.102	0.000	0.223
TOP OF LAYER 2	0.106	0.491	0.829	4.179	3.548	3.134
STD. DEVIATION OF DAILY	1.898	0.000	1.798	0.232	0.000	0.530
HEAD ON TOP OF LAYER 2	0.286	1.324	1.274	0.930	1.322	1.461
AVERAGE DAILY HEAD ON	0.887	0.123	0.479	0.464	0.030	0.097
TOP OF LAYER 4	0.123	0.063	0.431	0.838	1.061	1.008
STD. DEVIATION OF DAILY	0.239	0.092	0.340	0.285	0.026	0.116
HEAD ON TOP OF LAYER 4	0.050	0.062	0.172	0.200	0.031	0.036
AVERAGE DAILY HEAD ON	0.001	0.001	0.000	0.001	0.001	0.000
TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.001	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 7

	INCHES	CU. FEET	PERCENT
PRECIPITATION	42.24	383327.937	100.00
RUNOFF	11.343	102934.836	26.85
EVAPOTRANSPIRATION	25.960	235584.437	61.46
PERC./LEAKAGE THROUGH LAYER 2	5.651968	51291.609	13.38
AVG. HEAD ON TOP OF LAYER 2	1.3982		
DRAINAGE COLLECTED FROM LAYER 3	4.8432	43951.883	11.47
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.804469	7300.553	1.90
AVG. HEAD ON TOP OF LAYER 4	0.4670		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.586	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.787018	7142.189	1.86
AVG. HEAD ON TOP OF LAYER 7	0.0007		
CHANGE IN WATER STORAGE	-0.693	-6286.772	-1.64
SOIL WATER AT START OF YEAR	285.728	2592977.500	
SOIL WATER AT END OF YEAR	285.157	2587800.500	
SNOW WATER AT START OF YEAR	0.122	1109.802	0.29

SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	-0.206	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 8

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.00	0.000	0.041	0.3539	2.9379	.0000E+00	.3303E-01	1.0564	.2987E-01	.4497E-02	0.0014	.1179E-05	.4096E-0
2	*		0.04	0.000	0.044	0.3477	2.7623	.0000E+00	.3264E-01	1.0525	.2976E-01	.4484E-02	0.0007	.5976E-06	.3095E-0
3			0.85	0.034	0.055	0.4691	3.0576	.0000E+00	.3329E-01	1.0490	.2966E-01	.4472E-02	0.0014	.1210E-05	.5192E-0
4			0.00	0.000	0.045	0.4553	4.9631	.0000E+00	.3751E-01	1.0510	.2972E-01	.4479E-02	0.0014	.1221E-05	.4168E-0
5			0.19	0.000	0.054	0.4717	4.8549	.0000E+00	.3727E-01	1.0594	.2995E-01	.4506E-02	0.0014	.1215E-05	.4158E-0
6			0.00	0.000	0.048	0.4574	5.0856	.0000E+00	.3778E-01	1.0672	.3018E-01	.4532E-02	0.0014	.1211E-05	.4151E-0
7			0.00	0.000	0.050	0.4428	4.7535	.0000E+00	.3704E-01	1.0745	.3038E-01	.4556E-02	0.0014	.1209E-05	.4148E-0
8			0.00	0.000	0.055	0.4277	4.4445	.0000E+00	.3636E-01	1.0793	.3052E-01	.4572E-02	0.0007	.6064E-06	.3114E-0
9			0.00	0.000	0.055	0.4126	4.1312	.0000E+00	.3567E-01	1.0819	.3059E-01	.4580E-02	0.0014	.1219E-05	.4165E-0
10			0.00	0.000	0.048	0.3988	3.8508	.0000E+00	.3505E-01	1.0826	.3061E-01	.4582E-02	0.0014	.1231E-05	.5232E-0
11	*		0.00	0.000	0.040	0.3864	3.6225	.0000E+00	.3454E-01	1.0817	.3058E-01	.4580E-02	0.0014	.1246E-05	.4211E-0
12			0.00	0.000	0.042	0.3737	3.4025	.0000E+00	.3405E-01	1.0796	.3053E-01	.4573E-02	0.0014	.1261E-05	.4236E-0
13			0.00	0.000	0.051	0.3595	3.1775	.0000E+00	.3356E-01	1.0764	.3043E-01	.4562E-02	0.0007	.6377E-06	.3197E-0
14			0.47	0.000	0.060	0.4223	3.0785	.0000E+00	.3334E-01	1.0724	.3032E-01	.4549E-02	0.0014	.1290E-05	.4285E-0
15			0.00	0.000	0.052	0.4079	3.6719	.0000E+00	.3465E-01	1.0697	.3025E-01	.4540E-02	0.0014	.1304E-05	.4308E-0
16			0.00	0.000	0.048	0.3942	3.5329	.0000E+00	.3434E-01	1.0690	.3023E-01	.4538E-02	0.0014	.1314E-05	.4324E-0
17	*		0.00	0.000	0.041	0.3817	3.3069	.0000E+00	.3384E-01	1.0675	.3018E-01	.4533E-02	0.0014	.1323E-05	.4340E-0
18	*		0.04	0.000	0.037	0.3765	3.1126	.0000E+00	.3341E-01	1.0648	.3011E-01	.4524E-02	0.0014	.1334E-05	.4357E-0
19	*		0.00	0.000	0.039	0.3646	2.9424	.0000E+00	.3304E-01	1.0612	.3001E-01	.4512E-02	0.0014	.1346E-05	.4377E-0
20			0.00	0.000	0.044	0.3519	2.7559	.0000E+00	.3263E-01	1.0569	.2989E-01	.4498E-02	0.0014	.1358E-05	.4397E-0
21			0.00	0.000	0.047	0.3387	2.5695	.0000E+00	.3221E-01	1.0520	.2974E-01	.4482E-02	0.0015	.1371E-05	.5523E-0
22			0.00	0.000	0.053	0.3246	2.3817	.0000E+00	.3180E-01	1.0463	.2958E-01	.4463E-02	0.0015	.1388E-05	.4443E-0
23			0.00	0.000	0.053	0.3106	2.1927	.0000E+00	.3138E-01	1.0400	.2941E-01	.4443E-02	0.0015	.1401E-05	.4463E-0
24			0.00	0.000	0.052	0.2968	1.9944	.0000E+00	.3094E-01	1.0332	.2921E-01	.4420E-02	0.0015	.1414E-05	.4484E-0
25			0.54	0.000	0.052	0.3732	1.8364	.0000E+00	.3059E-01	1.0258	.2901E-01	.4395E-02	0.0015	.1426E-05	.4503E-0
26	*		0.03	0.000	0.051	0.3644	2.1612	.0000E+00	.3131E-01	1.0192	.2882E-01	.4374E-02	0.0015	.1436E-05	.4518E-0
27			0.01	0.000	0.053	0.3519	2.2977	.0000E+00	.3161E-01	1.0146	.2869E-01	.4358E-02	0.0007	.7201E-06	.3395E-0
28			0.00	0.000	0.056	0.3374	2.0996	.0000E+00	.3117E-01	1.0104	.2857E-01	.4344E-02	0.0015	.1441E-05	.4528E-0
29			0.00	0.000	0.066	0.3213	1.9209	.0000E+00	.3078E-01	1.0055	.2843E-01	.4328E-02	0.0015	.1444E-05	.5667E-0
30			0.00	0.000	0.067	0.3051	1.7548	.0000E+00	.3041E-01	1.0000	.2828E-01	.4310E-02	0.0015	.1451E-05	.4541E-0
31			0.26	0.000	0.082	0.3298	1.5872	.0000E+00	.3004E-01	0.9940	.2810E-01	.4290E-02	0.0008	.7287E-06	.3413E-0
32			0.00	0.000	0.058	0.3152	1.4277	.0000E+00	.2969E-01	0.9875	.2792E-01	.4268E-02	0.0015	.1457E-05	.4553E-0
33			0.00	0.000	0.063	0.2997	1.2727	.0000E+00	.2935E-01	0.9806	.2773E-01	.4245E-02	0.0015	.1461E-05	.4560E-0
34	*		0.82	0.000	0.038	0.2982	1.1220	.0000E+00	.2901E-01	0.9735	.2753E-01	.4221E-02	0.0015	.1464E-05	.5707E-0
35	*		0.00	0.000	0.035	0.2967	0.9703	.0000E+00	.2868E-01	0.9660	.2731E-01	.4196E-02	0.0015	.1471E-05	.4573E-0
36			0.00	0.000	0.019	0.3275	0.8572	.0000E+00	.2843E-01	0.9584	.2710E-01	.4170E-02	0.0015	.1474E-05	.4578E-0
37			0.00	0.000	0.021	0.3703	1.2324	.0000E+00	.2926E-01	0.9518	.2691E-01	.4148E-02	0.0008	.7390E-06	.3436E-0
38	*		0.35	0.000	0.027	0.3683	2.3874	.0000E+00	.3181E-01	0.9497	.2685E-01	.4141E-02	0.0015	.1466E-05	.4566E-0
39			0.00	0.000	0.041	0.3663	2.3558	.0000E+00	.3174E-01	0.9517	.2691E-01	.4148E-02	0.0015	.1451E-05	.4540E-0
40			0.00	0.000	0.036	0.3732	2.2869	.0000E+00	.3159E-01	0.9533	.2696E-01	.4153E-02	0.0015	.1434E-05	.4515E-0
41			0.00	0.000	0.041	0.3712	2.2714	.0000E+00	.3155E-01	0.9546	.2699E-01	.4158E-02	0.0015	.1420E-05	.4492E-0
42	*		2.37	0.000	0.000	0.3696	2.3696	.0000E+00	.3177E-01	0.9558	.2703E-01	.4162E-02	0.0015	.1406E-05	.4470E-0
43	*		0.82	0.000	0.027	0.3676	2.3515	.0000E+00	.3173E-01	0.9573	.2707E-01	.4167E-02	0.0015	.1393E-05	.4450E-0
44	*		0.18	0.000	0.000	0.3656	2.3109	.0000E+00	.3164E-01	0.9585	.2710E-01	.4171E-02	0.0015	.1381E-05	.4431E-0
45			0.00	0.000	0.042	0.3676	2.2528	.0000E+00	.3151E-01	0.9593	.2713E-01	.4174E-02	0.0015	.1371E-05	.4415E-0
46			0.53	2.541	0.000	0.5010	4.3830	.0000E+00	.3622E-01	0.9646	.2727E-01	.4191E-02	0.0014	.1356E-05	.4389E-0
47			0.00	0.542	0.000	0.4977	5.9656	.0000E+00	.3972E-01	0.9804	.2772E-01	.4244E-02	0.0014	.1326E-05	.4336E-0
48			0.00	0.000	0.088	0.4809	5.7389	.0000E+00	.3922E-01	1.0001	.2828E-01	.4310E-02	0.0014	.1288E-05	.5336E-0
49			0.26	0.031	0.076	0.4999	5.6156	.0000E+00	.3895E-01	1.0171	.2876E-01	.4367E-02	0.0014	.1243E-05	.4204E-0
50			0.00	0.000	0.080	0.4800	5.7673	.0000E+00	.3928E-01	1.0326	.2920E-01	.4418E-02	0.0014	.1219E-05	.4164E-0
51			0.00	0.000	0.066	0.4626	5.2705	.0000E+00	.3818E-01	1.0463	.2958E-01	.4463E-02	0.0014	.1201E-05	.4134E-0
52			0.00	0.000	0.081	0.4430	4.8411	.0000E+00	.3724E-01	1.0561	.2986E-01	.4496E-02	0.0014	.1193E-05	.4120E-0
53			0.05	0.000	0.072	0.4333	4.4708	.0000E+00	.3642E-01	1.0628	.3005E-01	.4518E-02	0.0007	.5961E-06	.3087E-0
54			0.00	0.000	0.069	0.4158	4.1263	.0000E+00	.3566E-01	1.0669	.3017E-01	.4531E-02	0.0014	.1196E-05	.4125E-0
55			0.16	0.000	0.059	0.4268	3.8399	.0000E+00	.3502E-01	1.0687	.3022E-01	.4537E-02	0.0014	.1204E-05	.5176E-0
56			0.00	0.000	0.075	0.4085	3.7421	.0000E+00	.3481E-01	1.0692	.3023E-01	.4539E-02	0.0014	.1216E-05	.4160E-0
57			0.00	0.000	0.091	0.3875	3.5095	.0000E+00	.3429E-01	1.0688	.3022E-01	.4537E-02	0.0007	.6130E-06	.3135E-0
58			0.26	0.000	0.075	0.4127	3.2274	.0000E+00	.3367E-01	1.0669	.3017E-01	.4531E-02	0.0014	.1239E-05	.4200E-0
59			0.66	0.041	0.092	0.4946	4.2526	.0000E+00	.3593E-01	1.0665	.3016E-01	.4530E-02	0.0014	.1251E-05	.4219E-0
60			0.70	0.541	0.081	0.5010	5.9583	.0000E+00	.3971E-01	1.0735	.3035E-01	.4553E-02	0.0014	.1253E-05	.4219E-0
61			0.00	0.000	0.071	0.4826	5.8102	.0000E+00	.3938E-01	1.0857	.3070E-01	.4593E-02	0.0014	.1244E-05	.4202E-0
62			0.02	0.000	0.066	0.4686	5.3613	.0000E+00	.3839E-01	1.0953	.3097E-01	.4624E-02	0.0014	.1236E-05	.4190E-0
63			0.00	0.000	0.070	0.4507	4.9633	.0000E+00	.3751E-01	1.1017	.3115E-01	.4645E-02	0.0014	.1235E-05	.4190E-0

64		0.17	0.000	0.073	0.4606	4.6771	.0000E+00	.3687E-01	1.1056	.3126E-01	.4658E-02	0.0014	.1241E-05	.4200E-0
65	*	0.38	0.000	0.043	0.4577	4.8178	.0000E+00	.3718E-01	1.1084	.3134E-01	.4667E-02	0.0014	.1249E-05	.4215E-0
66		0.00	0.000	0.042	0.4548	4.7913	.0000E+00	.3713E-01	1.1114	.3142E-01	.4677E-02	0.0014	.1258E-05	.4229E-0
67		0.00	0.000	0.050	0.4829	4.9499	.0000E+00	.3748E-01	1.1144	.3151E-01	.4686E-02	0.0014	.1266E-05	.4243E-0
68		0.00	0.000	0.100	0.4598	5.2908	.0000E+00	.3823E-01	1.1185	.3162E-01	.4700E-02	0.0014	.1273E-05	.4255E-0
69		0.06	0.000	0.063	0.4532	4.8072	.0000E+00	.3716E-01	1.1224	.3174E-01	.4712E-02	0.0014	.1282E-05	.5336E-0
70		0.60	0.197	0.078	0.5010	5.3368	.0000E+00	.3833E-01	1.1254	.3182E-01	.4722E-02	0.0014	.1289E-05	.4283E-0
71		0.37	0.364	0.081	0.4820	5.8048	.0000E+00	.3937E-01	1.1311	.3198E-01	.4741E-02	0.0014	.1293E-05	.4289E-0
72		0.00	0.000	0.110	0.4573	5.2492	.0000E+00	.3814E-01	1.1367	.3214E-01	.4759E-02	0.0014	.1297E-05	.4296E-0
73		0.00	0.000	0.090	0.4361	4.7279	.0000E+00	.3699E-01	1.1388	.3220E-01	.4766E-02	0.0014	.1308E-05	.4314E-0
74	*	0.00	0.000	0.075	0.4176	4.3326	.0000E+00	.3611E-01	1.1380	.3218E-01	.4763E-02	0.0007	.6621E-06	.3254E-0
75	*	0.33	0.000	0.036	0.4150	4.0416	.0000E+00	.3547E-01	1.1352	.3210E-01	.4754E-02	0.0014	.1338E-05	.4365E-0
76		0.00	0.000	0.072	0.4427	3.8935	.0000E+00	.3514E-01	1.1313	.3199E-01	.4741E-02	0.0014	.1358E-05	.4397E-0
77		0.00	0.000	0.096	0.4207	4.1814	.0000E+00	.3578E-01	1.1278	.3189E-01	.4730E-02	0.0015	.1376E-05	.5537E-0
78		0.00	0.000	0.118	0.3952	3.8246	.0000E+00	.3499E-01	1.1248	.3180E-01	.4720E-02	0.0015	.1397E-05	.4459E-0
79		0.00	0.000	0.136	0.3667	3.4756	.0000E+00	.3422E-01	1.1200	.3167E-01	.4705E-02	0.0015	.1416E-05	.4488E-0
80		0.11	0.000	0.101	0.3627	3.1366	.0000E+00	.3347E-01	1.1137	.3149E-01	.4684E-02	0.0015	.1436E-05	.4519E-0
81		0.00	0.000	0.136	0.3345	2.9053	.0000E+00	.3296E-01	1.1061	.3128E-01	.4659E-02	0.0015	.1456E-05	.4551E-0
82		0.71	0.008	0.106	0.4283	2.7034	.0000E+00	.3251E-01	1.0979	.3104E-01	.4633E-02	0.0015	.1476E-05	.4582E-0
83		0.01	0.000	0.092	0.4088	3.9004	.0000E+00	.3516E-01	1.0923	.3088E-01	.4614E-02	0.0015	.1489E-05	.4602E-0
84		0.27	0.000	0.071	0.4361	3.8197	.0000E+00	.3498E-01	1.0912	.3085E-01	.4611E-02	0.0008	.7459E-06	.3455E-0
85		0.00	0.000	0.086	0.4157	4.1582	.0000E+00	.3573E-01	1.0907	.3084E-01	.4609E-02	0.0015	.1493E-05	.5760E-0
86		0.00	0.000	0.089	0.3951	3.8156	.0000E+00	.3497E-01	1.0907	.3084E-01	.4609E-02	0.0015	.1493E-05	.4608E-0
87		0.07	0.000	0.077	0.3883	3.5316	.0000E+00	.3434E-01	1.0888	.3079E-01	.4603E-02	0.0008	.7485E-06	.3461E-0
88		0.00	0.000	0.092	0.3673	3.2556	.0000E+00	.3373E-01	1.0854	.3069E-01	.4592E-02	0.0015	.1501E-05	.4621E-0
89		0.00	0.000	0.102	0.3448	3.0005	.0000E+00	.3317E-01	1.0808	.3056E-01	.4577E-02	0.0015	.1508E-05	.5792E-0
90		0.00	0.000	0.149	0.3146	2.7582	.0000E+00	.3263E-01	1.0752	.3040E-01	.4558E-02	0.0015	.1521E-05	.4650E-0
91		0.07	0.000	0.119	0.3011	2.4723	.0000E+00	.3200E-01	1.0685	.3021E-01	.4536E-02	0.0015	.1531E-05	.4666E-0
92		0.18	0.000	0.129	0.3044	2.1086	.0000E+00	.3119E-01	1.0605	.2999E-01	.4510E-02	0.0015	.1543E-05	.4683E-0
93		0.00	0.000	0.157	0.2732	1.8269	.0000E+00	.3057E-01	1.0513	.2973E-01	.4480E-02	0.0016	.1556E-05	.4703E-0
94		0.00	0.000	0.084	0.2542	1.6332	.0000E+00	.3014E-01	1.0414	.2945E-01	.4447E-02	0.0016	.1568E-05	.4721E-0
95		0.00	0.000	0.108	0.2312	1.4144	.0000E+00	.2966E-01	1.0312	.2916E-01	.4413E-02	0.0016	.1580E-05	.4738E-0
96		0.00	0.000	0.123	0.2059	1.0518	.0000E+00	.2886E-01	1.0202	.2885E-01	.4377E-02	0.0016	.1591E-05	.4755E-0
97		0.00	0.000	0.140	0.1779	0.7410	.0000E+00	.2817E-01	1.0081	.2851E-01	.4337E-02	0.0016	.1603E-05	.4772E-0
98		0.00	0.000	0.153	0.1500	0.2177	.0000E+00	.1370E-01	0.9816	.2775E-01	.4248E-02	0.0016	.1644E-05	.4833E-0
99		0.13	0.000	0.091	0.1565	0.0000	.0000E+00	.0000E+00	0.9203	.2602E-01	.4042E-02	0.0017	.1758E-05	.4996E-0
100		0.17	0.000	0.081	0.1714	0.0000	.0000E+00	.0000E+00	0.8421	.2381E-01	.3774E-02	0.0017	.1904E-05	.5199E-0
101		0.19	0.000	0.068	0.1917	0.0000	.0000E+00	.0000E+00	0.7702	.2178E-01	.3523E-02	0.0018	.2025E-05	.5360E-0
102		0.00	0.000	0.117	0.1722	0.0000	.0000E+00	.0000E+00	0.7044	.1992E-01	.3289E-02	0.0018	.2122E-05	.5486E-0
103		0.00	0.000	0.152	0.1468	0.0000	.0000E+00	.0000E+00	0.6440	.1821E-01	.3070E-02	0.0018	.2196E-05	.5579E-0
104		0.00	0.000	0.066	0.1357	0.0000	.0000E+00	.0000E+00	0.5886	.1664E-01	.2865E-02	0.0019	.2248E-05	.5645E-0
105		0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.5378	.1521E-01	.2673E-02	0.0019	.2282E-05	.5687E-0
106		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.4913	.1389E-01	.2494E-02	0.0019	.2299E-05	.5707E-0
107		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4487	.1269E-01	.2326E-02	0.0019	.2301E-05	.5709E-0
108		0.20	0.000	0.023	0.1645	0.0000	.0000E+00	.0000E+00	0.4096	.1158E-01	.2169E-02	0.0019	.2291E-05	.5696E-0
109		0.21	0.000	0.022	0.1958	0.0000	.0000E+00	.0000E+00	0.3738	.1057E-01	.2022E-02	0.0019	.2269E-05	.5670E-0
110		0.00	0.000	0.030	0.1908	0.0000	.0000E+00	.0000E+00	0.3411	.9644E-02	.1885E-02	0.0019	.2239E-05	.5632E-0
111		0.00	0.000	0.029	0.1860	0.0000	.0000E+00	.0000E+00	0.3111	.8796E-02	.1757E-02	0.0018	.2202E-05	.5584E-0
112		0.00	0.000	0.027	0.1814	0.0000	.0000E+00	.0000E+00	0.2836	.8019E-02	.1637E-02	0.0018	.2158E-05	.5529E-0
113		0.00	0.000	0.029	0.1766	0.0000	.0000E+00	.0000E+00	0.2585	.7309E-02	.1525E-02	0.0009	.1055E-05	.4117E-0
114		0.00	0.000	0.027	0.1721	0.0000	.0000E+00	.0000E+00	0.2355	.6660E-02	.1421E-02	0.0018	.2061E-05	.5416E-0
115		0.00	0.000	0.027	0.1676	0.0000	.0000E+00	.0000E+00	0.2145	.6066E-02	.1323E-02	0.0018	.2008E-05	.5345E-0
116		0.00	0.000	0.026	0.1634	0.0000	.0000E+00	.0000E+00	0.1953	.5522E-02	.1231E-02	0.0017	.1953E-05	.5270E-0
117		0.25	0.000	0.030	0.1999	0.0000	.0000E+00	.0000E+00	0.1778	.5026E-02	.1146E-02	0.0017	.1896E-05	.5193E-0
118		0.01	0.000	0.029	0.1967	0.0000	.0000E+00	.0000E+00	0.1617	.4572E-02	.1066E-02	0.0017	.1824E-05	.6372E-0
119		0.41	0.000	0.031	0.2599	0.0000	.0000E+00	.0000E+00	0.1471	.4158E-02	.9917E-03	0.0017	.1773E-05	.5011E-0
120		0.11	0.000	0.173	0.2494	0.0000	.0000E+00	.0000E+00	0.1337	.3780E-02	.9221E-03	0.0016	.1714E-05	.4928E-0
121		0.49	0.000	0.193	0.2990	0.0000	.0000E+00	.0000E+00	0.1215	.3434E-02	.8571E-03	0.0008	.8408E-06	.3647E-0
122		0.43	0.000	0.186	0.3351	0.3337	.0000E+00	.2727E-01	0.1374	.3884E-02	.9403E-03	0.0016	.1550E-05	.4676E-0
123		0.00	0.000	0.169	0.3021	1.2662	.0000E+00	.2933E-01	0.1978	.5592E-02	.1242E-02	0.0014	.1331E-05	.4304E-0
124		0.00	0.000	0.210	0.2623	1.0847	.0000E+00	.2893E-01	0.2559	.7235E-02	.1513E-02	0.0013	.1107E-05	.3927E-0
125		0.00	0.000	0.177	0.2280	0.8942	.0000E+00	.2851E-01	0.3079	.8707E-02	.1743E-02	0.0012	.9301E-06	.4489E-0
126		0.00	0.000	0.254	0.1810	0.7166	.0000E+00	.2812E-01	0.3545	.1002E-01	.1942E-02	0.0011	.7599E-06	.3285E-0
127		0.11	0.000	0.211	0.1619	0.2706	.0000E+00	.1379E-01	0.3823	.1081E-01	.2058E-02	0.0010	.6890E-06	.3128E-0
128		0.00	0.000	0.088	0.1473	0.0000	.0000E+00	.0000E+00	0.3710	.1049E-01	.2011E-02	0.0010	.6933E-06	.3138E-0
129		0.00	0.000	0.060	0.1372	0.0000	.0000E+00	.0000E+00	0.3385	.9570E-02	.1874E-02	0.0011	.7360E-06	.3232E-0
130		0.00	0.000	0.011	0.1354	0.0000	.0000E+00	.0000E+00	0.3087	.8729E-02	.1747E-02	0.0011	.7724E-06	.3311E-0
131		0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.2815	.7958E-02	.1628E-02	0.0011	.8029E-06	.3376E-0
132		0.28	0.000	0.026	0.1774	0.0000	.0000E+00	.0000E+00	0.2565	.7253E-02	.1516E-02	0.0011	.8278E-06	.3427E-0
133		0.00	0.000	0.030	0.1725	0.0000	.0000E+00	.0000E+00	0.2337	.6608E-02	.1412E-02	0.0011	.8474E-06	.3467E-0
134		0.13	0.000	0.038	0.1878	0.0000	.0000E+00	.0000E+00	0.2129	.6019E-02	.1315E-02	0.0012	.8620E-06	.3497E-0
135		0.00	0.000	0.034	0.1822	0.0000	.0000E+00	.0000E+00	0.1938	.5480E-02	.1224E-02	0.0006	.4360E-06	.2645E-0
136		0.77	0.010	0.038	0.3025	0.0000	.0000E+00	.0000E+00	0.1764	.4987E-02	.1139E-02	0.0012	.8715E-06	.3526E-0
137		0.00	0.000	0.201	0.2690	0.0000	.0000E+00	.0000E+00	0.1604	.4537E-02	.1060E-02	0.0012	.8751E-06	.3533E-0
138		0.20	0.000	0.213	0.2657	0.0008	.0000E+00	.6635E-02	0.1525	.4312E-02	.1020E-02	0.0012	.8651E-06	.3508E-0
139		0.00	0.000	0.245	0.2250	0.0005	.0000E+00	.0000E+00	0.1493	.4221E-02	.1003E-02	0.0011	.8413E-06	.3456E-0
140		0.03	0.000	0.181	0.1998	0.0000	.0000E+00	.0000E+00	0.1357	.3837E-02	.9328E-03	0.0011	.8260E-06	.4294E-0
141		0.00	0.000	0.155	0.1740	0.0000	.0000E+00	.0000E+00	0.1233	.3487E-02	.8671E-03	0.0011	.8306E-06	.3432E-0
142		0.44	0.000	0.095	0.2314	0.0000	.0000E+00	.0000E+00	0.1120	.3167E-02	.8058E-03	0.0011	.8245E-06	.3420E-0
143		0.00	0.000	0.203	0.1975	0.0000	.0000E+00	.0000E+00	0.1017	.2875E-02	.7486E-03	0.0011	.8164E-06	.3403E-0
144		0.00	0.000	0.075	0.1850	0.0000	.0000E+00	.0000E+00	0.0923	.2609E-02	.6952E-03	0.0011	.8066E-06	.3382E-0
145		0.00	0.000	0.065	0.1741	0.0000	.0000E+00	.0000E+00	0.0837	.2366E-02	.6454E-03	0.0011	.7953E-06	.3359E-0
146		0.00	0.000	0.061	0.1640	0.0000	.0000E+00	.0000E+00	0.0759	.2145E-02	.5989E-03	0.0011	.7828E-06	.3332E-0
147		0.00	0.000	0.051	0.1555	0.0000	.0000E+00	.0000E+00	0.0687	.1944E-02	.5556E-03	0.0011	.7693E-06	.3303E-0
148		0.00	0.000	0.053	0.1466	0.0000	.0000E+00	.0000E+00	0.0622	.1760E-02	.5152E-03	0.0011	.7549E-06	.3272E-0
149		0.99	0.026	0.056	0.2980	0.0000	.0000E+00	.0000E+00	0.0563	.1593E-02	.4776E-03	0.0011	.7398E-06	.3239E-0
150		0.00	0.000	0.247	0.2566	0.0045	.0000E+00	.1895E-02	0.0529	.1494E-02	.4549E-03	0.0005	.3593E-06	.2401E-0
151		0.00	0.000	0.276	0.2106	0.0000	.0000E+00	.0000E+00	0.0508	.1437E-02	.4416E-03	0.0010	.6962E-06	.3931E-0
152		0.00	0.000	0.223	0.1734	0.0000	.0000E+00	.0000E+00	0.0460	.1299E-02	.4089E-03	0.0005	.3436E-06	.2336E-0
153		0.00	0.000	0.228	0.1355	0.0000	.0000E+00	.0000E+00	0.0415	.1174E-02	.3786E-03	0.0010	.6673E-06	.3080E-0
154		0.00	0.000	0.003	0.1350	0.0000	.0000E+00	.0000E+00	0.0375	.1060E-02	.3503E-03	0.0010	.6524E-06	.3046E-0
155		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0338	.9567E-03	.3240E-03	0.0010	.6373E-06	.3010E-0
156		0.46	0.000	0.038	0.2053	0.0000	.0000E+00	.0000E+00	0.0305	.8628E-03	.2995E-03	0.0010	.6221E-06	.2974E-0
157		0.00	0.000	0.065	0.1944	0.0000	.0000E+00	.0000E+00	0.0275	.7776E-03	.2767E-03	0.0010	.6069E-06	.2937E-0
158		0.24	0.000	0.076	0.2218	0.0000	.0000E+00	.0000E+00	0.0248	.7003E-03	.2555E-03	0.0010	.5917E-06	.2900E-0
159		0.00	0.000	0.293	0.1730	0.0000	.0000E+00	.0000E+00	0.0223	.6303E-03	.2359E-03	0.0009	.5766E-06	.2863E-0

160	0.00	0.000	0.084	0.1590	0.0000	.0000E+00	.0000E+00	0.0200	.5668E-03	.2176E-03	0.0009	.5617E-06	.2825E-0
161	0.00	0.000	0.084	0.1450	0.0000	.0000E+00	.0000E+00	0.0180	.5094E-03	.2006E-03	0.0009	.5469E-06	.2788E-0
162	0.04	0.000	0.064	0.1410	0.0000	.0000E+00	.0000E+00	0.0162	.4574E-03	.1848E-03	0.0009	.5324E-06	.2750E-0
163	0.00	0.000	0.019	0.1379	0.0000	.0000E+00	.0000E+00	0.0145	.4104E-03	.1702E-03	0.0009	.5180E-06	.2713E-0
164	0.00	0.000	0.013	0.1357	0.0000	.0000E+00	.0000E+00	0.0130	.3679E-03	.1566E-03	0.0009	.5040E-06	.3338E-0
165	0.23	0.000	0.042	0.1671	0.0000	.0000E+00	.0000E+00	0.0117	.3295E-03	.1440E-03	0.0009	.4874E-06	.2630E-0
166	0.08	0.000	0.036	0.1744	0.0000	.0000E+00	.0000E+00	0.0104	.2948E-03	.1324E-03	0.0009	.4740E-06	.2593E-0
167	0.00	0.000	0.051	0.1659	0.0000	.0000E+00	.0000E+00	0.0093	.2636E-03	.1216E-03	0.0008	.4609E-06	.2557E-0
168	0.00	0.000	0.061	0.1558	0.0000	.0000E+00	.0000E+00	0.0083	.2354E-03	.1115E-03	0.0008	.4481E-06	.2522E-0
169	0.00	0.000	0.075	0.1434	0.0000	.0000E+00	.0000E+00	0.0074	.2101E-03	.1023E-03	0.0008	.4356E-06	.2486E-0
170	0.00	0.000	0.049	0.1353	0.0000	.0000E+00	.0000E+00	0.0066	.1872E-03	.9372E-04	0.0004	.2117E-06	.1843E-0
171	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0059	.1667E-03	.8580E-04	0.0008	.4142E-06	.2425E-0
172	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0052	.1483E-03	.7849E-04	0.0008	.4026E-06	.2391E-0
173	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0047	.1317E-03	.7173E-04	0.0008	.3898E-06	.2942E-0
174	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0041	.1169E-03	.6550E-04	0.0004	.1906E-06	.1741E-0
175	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0037	.1035E-03	.5975E-04	0.0008	.3699E-06	.2292E-0
176	0.02	0.000	0.016	0.1356	0.0000	.0000E+00	.0000E+00	0.0032	.9164E-04	.5445E-04	0.0007	.3597E-06	.2260E-0
177	0.00	0.000	0.002	0.1353	0.0000	.0000E+00	.0000E+00	0.0029	.8098E-04	.4957E-04	0.0007	.3497E-06	.2229E-0
178	0.01	0.000	0.011	0.1351	0.0000	.0000E+00	.0000E+00	0.0025	.7147E-04	.4508E-04	0.0007	.3401E-06	.2198E-0
179	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0022	.6298E-04	.4095E-04	0.0007	.3295E-06	.2704E-0
180	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0020	.5541E-04	.3715E-04	0.0004	.1611E-06	.1601E-0
181	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0017	.4867E-04	.3367E-04	0.0007	.3129E-06	.2108E-0
182	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0015	.4268E-04	.3047E-04	0.0007	.3045E-06	.2079E-0
183	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0013	.3736E-04	.2754E-04	0.0007	.2962E-06	.2051E-0
184	0.11	0.000	0.031	0.1481	0.0000	.0000E+00	.0000E+00	0.0012	.3264E-04	.2486E-04	0.0007	.2883E-06	.2525E-0
185	0.00	0.000	0.035	0.1423	0.0000	.0000E+00	.0000E+00	0.0010	.2847E-04	.2241E-04	0.0007	.2788E-06	.1989E-0
186	0.00	0.000	0.035	0.1366	0.0000	.0000E+00	.0000E+00	0.0009	.2477E-04	.2016E-04	0.0006	.2714E-06	.1963E-0
187	0.00	0.000	0.008	0.1352	0.0000	.0000E+00	.0000E+00	0.0008	.2151E-04	.1808E-04	0.0003	.1331E-06	.1455E-0
188	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0007	.1864E-04	.1623E-04	0.0006	.2589E-06	.1918E-0
189	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0006	.1611E-04	.1453E-04	0.0006	.2522E-06	.1893E-0
190	0.49	0.000	0.042	0.2096	0.0000	.0000E+00	.0000E+00	0.0005	.1390E-04	.1298E-04	0.0006	.2457E-06	.1868E-0
191	0.99	0.063	0.220	0.3273	0.0000	.0000E+00	.0000E+00	0.0004	.1195E-04	.1158E-04	0.0006	.2385E-06	.2301E-0
192	2.28	0.989	0.218	0.5010	2.2020	.0000E+00	.3140E-01	0.0315	.8902E-03	.2840E-03	0.0005	.1679E-06	.1544E-0
193	0.01	0.000	0.225	0.4586	5.6390	.0000E+00	.3900E-01	0.1174	.3321E-02	.8316E-03	0.0002	.3429E-07	.7405E-0
194	0.00	0.000	0.289	0.4044	4.5891	.0000E+00	.3668E-01	0.2057	.5816E-02	.1280E-02	0.0003	.3678E-07	.6528E-0
195	0.00	0.000	0.274	0.3529	3.7288	.0000E+00	.3478E-01	0.2807	.7938E-02	.1624E-02	0.0001	.8815E-08	.2949E-0
196	0.00	0.000	0.248	0.3060	2.9587	.0000E+00	.3307E-01	0.3446	.9744E-02	.1900E-02	0.0000	.8555E-09	.5516E-0
197	0.00	0.000	0.264	0.2567	2.2256	.0000E+00	.3145E-01	0.3988	.1127E-01	.2125E-02	0.0000	.0000E+00	.0000E+0
198	0.00	0.000	0.276	0.2059	1.3891	.0000E+00	.2960E-01	0.4439	.1255E-01	.2307E-02	0.0000	.0000E+00	.0000E+0
199	0.00	0.000	0.289	0.1542	0.4889	.0000E+00	.2093E-01	0.4736	.1339E-01	.2425E-02	0.0000	.0000E+00	.0000E+0
200	0.00	0.000	0.115	0.1350	0.0000	.0000E+00	.0000E+00	0.4662	.1318E-01	.2395E-02	0.0000	.0000E+00	.0000E+0
201	0.13	0.000	0.063	0.1462	0.0000	.0000E+00	.0000E+00	0.4256	.1203E-01	.2234E-02	0.0000	.0000E+00	.0000E+0
202	0.00	0.000	0.047	0.1384	0.0000	.0000E+00	.0000E+00	0.3885	.1099E-01	.2083E-02	0.0000	.0000E+00	.0000E+0
203	0.00	0.000	0.015	0.1359	0.0000	.0000E+00	.0000E+00	0.3545	.1002E-01	.1942E-02	0.0000	.1399E-08	.1426E-0
204	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.3234	.9144E-02	.1810E-02	0.0001	.6265E-08	.2999E-0
205	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.2949	.8338E-02	.1687E-02	0.0001	.1382E-07	.4446E-0
206	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2688	.7601E-02	.1572E-02	0.0001	.1167E-07	.4315E-0
207	0.06	0.000	0.025	0.1409	0.0000	.0000E+00	.0000E+00	0.2450	.6926E-02	.1464E-02	0.0002	.3022E-07	.6688E-0
208	1.79	0.278	0.169	0.3648	0.0000	.0000E+00	.0000E+00	0.2231	.6309E-02	.1363E-02	0.0002	.4169E-07	.7824E-0
209	0.00	0.000	0.299	0.3112	1.1078	.0000E+00	.2235E-01	0.2254	.6373E-02	.1373E-02	0.0003	.4608E-07	.1012E-0
210	0.00	0.000	0.221	0.2693	1.7297	.0000E+00	.3036E-01	0.2713	.7671E-02	.1582E-02	0.0002	.2624E-07	.6119E-0
211	0.00	0.000	0.271	0.2191	1.3899	.0000E+00	.2960E-01	0.3255	.9202E-02	.1819E-02	0.0001	.1088E-07	.3947E-0
212	0.00	0.000	0.297	0.1649	0.6500	.0000E+00	.2797E-01	0.3722	.1052E-01	.2016E-02	0.0001	.3473E-08	.2240E-0
213	0.00	0.000	0.180	0.1350	0.0352	.0000E+00	.0000E+00	0.3845	.1087E-01	.2067E-02	0.0001	.2841E-08	.2028E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3509	.9921E-02	.1927E-02	0.0001	.9599E-08	.3711E-0
215	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3200	.9049E-02	.1796E-02	0.0002	.1932E-07	.5256E-0
216	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2918	.8252E-02	.1673E-02	0.0002	.3118E-07	.6671E-0
217	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2660	.7522E-02	.1559E-02	0.0001	.2225E-07	.5961E-0
218	0.84	0.007	0.120	0.2539	0.0000	.0000E+00	.0000E+00	0.2424	.6854E-02	.1452E-02	0.0003	.5361E-07	.1115E-0
219	0.00	0.000	0.231	0.2154	0.0000	.0000E+00	.0000E+00	0.2208	.6243E-02	.1352E-02	0.0003	.7333E-07	.1022E-0
220	0.00	0.000	0.172	0.1868	0.0000	.0000E+00	.0000E+00	0.2011	.5685E-02	.1259E-02	0.0004	.8802E-07	.1119E-0
221	0.00	0.000	0.165	0.1594	0.0000	.0000E+00	.0000E+00	0.1830	.5174E-02	.1172E-02	0.0004	.1025E-06	.1207E-0
222	0.00	0.000	0.129	0.1378	0.0000	.0000E+00	.0000E+00	0.1665	.4708E-02	.1090E-02	0.0004	.1164E-06	.1287E-0
223	0.00	0.000	0.016	0.1351	0.0000	.0000E+00	.0000E+00	0.1514	.4282E-02	.1014E-02	0.0004	.1297E-06	.1358E-0
224	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1377	.3893E-02	.9431E-03	0.0005	.1423E-06	.1422E-0
225	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1251	.3537E-02	.8767E-03	0.0005	.1540E-06	.1479E-0
226	0.06	0.000	0.033	0.1395	0.0000	.0000E+00	.0000E+00	0.1136	.3213E-02	.8148E-03	0.0003	.8237E-07	.1149E-0
227	0.00	0.000	0.011	0.1376	0.0000	.0000E+00	.0000E+00	0.1032	.2917E-02	.7569E-03	0.0005	.1705E-06	.1564E-0
228	0.15	0.000	0.071	0.1509	0.0000	.0000E+00	.0000E+00	0.0936	.2647E-02	.7030E-03	0.0005	.1797E-06	.2007E-0
229	0.00	0.000	0.057	0.1414	0.0000	.0000E+00	.0000E+00	0.0849	.2401E-02	.6527E-03	0.0005	.1913E-06	.1649E-0
230	0.00	0.000	0.026	0.1370	0.0000	.0000E+00	.0000E+00	0.0770	.2177E-02	.6057E-03	0.0006	.1983E-06	.1678E-0
231	0.00	0.000	0.009	0.1355	0.0000	.0000E+00	.0000E+00	0.0698	.1973E-02	.5619E-03	0.0003	.1022E-06	.1280E-0
232	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0632	.1787E-02	.5211E-03	0.0006	.2071E-06	.1720E-0
233	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0572	.1617E-02	.4830E-03	0.0006	.2118E-06	.1739E-0
234	0.68	0.000	0.117	0.2288	0.0000	.0000E+00	.0000E+00	0.0517	.1463E-02	.4476E-03	0.0006	.2157E-06	.1755E-0
235	0.00	0.000	0.175	0.1997	0.0000	.0000E+00	.0000E+00	0.0468	.1323E-02	.4146E-03	0.0006	.2188E-06	.1767E-0
236	1.12	0.068	0.164	0.3478	0.0000	.0000E+00	.0000E+00	0.0423	.1195E-02	.3838E-03	0.0006	.2213E-06	.1777E-0
237	0.00	0.000	0.234	0.3041	1.0132	.0000E+00	.2877E-01	0.0667	.1887E-02	.5387E-03	0.0006	.1959E-06	.1648E-0
238	0.13	0.000	0.223	0.2837	1.0979	.0000E+00	.2896E-01	0.1353	.3827E-02	.9294E-03	0.0005	.1296E-06	.1603E-0
239	0.00	0.000	0.197	0.2462	0.9082	.0000E+00	.2854E-01	0.1978	.5594E-02	.1243E-02	0.0003	.5574E-07	.8908E-0
240	0.33	0.000	0.163	0.2693	0.7488	.0000E+00	.2819E-01	0.2539	.7179E-02	.1504E-02	0.0001	.1416E-07	.4779E-0
241	0.00	0.000	0.235	0.2254	0.5932	.0000E+00	.2784E-01	0.3043	.8604E-02	.1728E-02	0.0002	.1864E-07	.4835E-0
242	0.00	0.000	0.235	0.1817	0.4063	.0000E+00	.2743E-01	0.3494	.9880E-02	.1921E-02	0.0001	.7763E-08	.3048E-0
243	0.00	0.000	0.171	0.1510	0.1180	.0000E+00	.1352E-01	0.3763	.1064E-01	.2033E-02	0.0001	.3216E-08	.2472E-0
244	0.00	0.000	0.096	0.1350	0.0000	.0000E+00	.0000E+00	0.3650	.1032E-01	.1986E-02	0.0001	.4502E-08	.2547E-0
245	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3330	.9416E-02	.1851E-02	0.0001	.1204E-07	.4154E-0
246	1.03	0.032	0.129	0.2797	0.0000	.0000E+00	.0000E+00	0.3037	.8587E-02	.1725E-02	0.0001	.1108E-07	.4203E-0
247	0.06	0.000	0.145	0.2655	0.0000	.0000E+00	.0000E+00	0.2769	.7829E-02	.1608E-02	0.0002	.2971E-07	.8402E-0
248	0.00	0.000	0.195	0.2331	0.0000	.0000E+00	.0000E+00	0.2523	.7135E-02	.1497E-02	0.0003	.4731E-07	.8210E-0
249	0.00	0.000	0.169	0.2049	0.0000	.0000E+00	.0000E+00	0.2299	.6500E-02	.1395E-02	0.0002	.3047E-07	.6994E-0
250	0.00	0.000	0.164	0.1775	0.0000	.0000E+00	.0000E+00	0.2094	.5920E-02	.1298E-02	0.0003	.7011E-07	.1010E-0
251	0.00	0.000	0.168	0.1495	0.0000	.0000E+00	.0000E+00	0.1906	.5389E-02	.1209E-02	0.0004	.8422E-07	.1105E-0
252	0.21	0.000	0.154	0.1588	0.0000	.0000E+00	.0000E+00	0.1734	.4904E-02	.1125E-02	0.0004	.9812E-07	.1191E-0
253	0.00	0.000	0.101	0.1421	0.0000	.0000E+00	.0000E+00	0.1578	.4461E-02	.1046E-02	0.0004	.1116E-06	.1269E-0
254	0.00	0.000	0.032	0.1368	0.0000	.0000E+00	.0000E+00	0.1435	.4056E-02	.9732E-03	0.0004	.1244E-06	.1339E-0
255	0.01	0.000	0.015	0.1359	0.0000	.0000E+00	.0000E+00	0.1304	.3687E-02	.9048E-03	0.0005	.1365E-06	.1402E-0

256		0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.1185	.3349E-02	.8410E-03	0.0005	.1478E-06	.1457E-0
257		0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.1076	.3042E-02	.7814E-03	0.0005	.1579E-06	.1886E-0
258		0.49	0.000	0.089	0.2019	0.0000	.0000E+00	.0000E+00	0.0976	.2761E-02	.7258E-03	0.0005	.1716E-06	.1561E-0
259		0.04	0.000	0.125	0.1877	0.0000	.0000E+00	.0000E+00	0.0886	.2505E-02	.6740E-03	0.0005	.1799E-06	.1599E-0
260		0.00	0.000	0.131	0.1659	0.0000	.0000E+00	.0000E+00	0.0803	.2271E-02	.6256E-03	0.0003	.9413E-07	.1225E-0
261		0.00	0.000	0.131	0.1441	0.0000	.0000E+00	.0000E+00	0.0728	.2059E-02	.5804E-03	0.0005	.1909E-06	.1652E-0
262		0.00	0.000	0.049	0.1359	0.0000	.0000E+00	.0000E+00	0.0660	.1865E-02	.5384E-03	0.0006	.1969E-06	.1677E-0
263		0.00	0.000	0.005	0.1350	0.0000	.0000E+00	.0000E+00	0.0597	.1688E-02	.4991E-03	0.0006	.2020E-06	.2123E-0
264		0.02	0.000	0.018	0.1353	0.0000	.0000E+00	.0000E+00	0.0540	.1528E-02	.4626E-03	0.0006	.2084E-06	.1721E-0
265		0.24	0.000	0.051	0.1667	0.0000	.0000E+00	.0000E+00	0.0489	.1382E-02	.4285E-03	0.0003	.1059E-06	.1303E-0
266		0.81	0.015	0.074	0.2868	0.0000	.0000E+00	.0000E+00	0.0442	.1249E-02	.3968E-03	0.0006	.2128E-06	.1742E-0
267		0.04	0.000	0.102	0.2766	0.0000	.0000E+00	.0000E+00	0.0399	.1128E-02	.3673E-03	0.0006	.2151E-06	.1751E-0
268		0.00	0.000	0.095	0.2608	0.0000	.0000E+00	.0000E+00	0.0360	.1019E-02	.3398E-03	0.0006	.2167E-06	.1758E-0
269		0.00	0.000	0.086	0.2464	0.0000	.0000E+00	.0000E+00	0.0325	.9190E-03	.3142E-03	0.0006	.2178E-06	.1762E-0
270		0.00	0.000	0.088	0.2317	0.0001	.0000E+00	.0000E+00	0.0293	.8285E-03	.2904E-03	0.0006	.2184E-06	.1764E-0
271		0.91	0.020	0.088	0.3653	0.0000	.0000E+00	.0000E+00	0.0264	.7465E-03	.2683E-03	0.0006	.2178E-06	.2203E-0
272		0.54	0.010	0.092	0.4330	2.5603	.0000E+00	.3219E-01	0.0557	.1575E-02	.4657E-03	0.0005	.1686E-06	.1548E-0
273		0.00	0.000	0.086	0.4128	3.9584	.0000E+00	.3528E-01	0.1371	.3876E-02	.9376E-03	0.0004	.8004E-07	.1067E-0
274		0.00	0.000	0.079	0.3940	3.6705	.0000E+00	.3465E-01	0.2156	.6097E-02	.1327E-02	0.0002	.3257E-07	.6813E-0
275		0.00	0.000	0.067	0.3772	3.3998	.0000E+00	.3405E-01	0.2858	.8082E-02	.1647E-02	0.0001	.9877E-08	.3760E-0
276		0.21	0.000	0.072	0.3945	3.1606	.0000E+00	.3352E-01	0.3486	.9856E-02	.1917E-02	0.0000	.1138E-08	.1287E-0
277		0.00	0.000	0.070	0.3774	2.9896	.0000E+00	.3314E-01	0.4048	.1144E-01	.2149E-02	0.0000	.0000E+00	.0000E+0
278		0.00	0.000	0.066	0.3609	2.8317	.0000E+00	.3279E-01	0.4553	.1287E-01	.2352E-02	0.0000	.0000E+00	.0000E+0
279		0.00	0.000	0.069	0.3439	2.6261	.0000E+00	.3234E-01	0.5005	.1415E-01	.2530E-02	0.0000	.0000E+00	.0000E+0
280		0.00	0.000	0.074	0.3263	2.4195	.0000E+00	.3188E-01	0.5408	.1529E-01	.2684E-02	0.0000	.0000E+00	.0000E+0
281		0.00	0.000	0.094	0.3054	2.2066	.0000E+00	.3141E-01	0.5765	.1630E-01	.2820E-02	0.0000	.0000E+00	.0000E+0
282		0.00	0.000	0.070	0.2885	1.9875	.0000E+00	.3093E-01	0.6081	.1719E-01	.2937E-02	0.0000	.0000E+00	.0000E+0
283		0.00	0.000	0.059	0.2735	1.8206	.0000E+00	.3056E-01	0.6358	.1798E-01	.3040E-02	0.0000	.0000E+00	.0000E+0
284		0.00	0.000	0.054	0.2595	1.6572	.0000E+00	.3020E-01	0.6603	.1867E-01	.3129E-02	0.0000	.0000E+00	.0000E+0
285		0.73	0.003	0.073	0.3634	1.4980	.0000E+00	.2984E-01	0.6818	.1928E-01	.3207E-02	0.0000	.0000E+00	.0000E+0
286		0.00	0.000	0.074	0.3461	1.6025	.0000E+00	.3008E-01	0.7012	.1983E-01	.3277E-02	0.0000	.0000E+00	.0000E+0
287		0.00	0.000	0.071	0.3292	1.7695	.0000E+00	.3044E-01	0.7197	.2035E-01	.3344E-02	0.0000	.0000E+00	.0000E+0
288		0.00	0.000	0.065	0.3133	1.6563	.0000E+00	.3019E-01	0.7370	.2084E-01	.3406E-02	0.0000	.0000E+00	.0000E+0
289		0.00	0.000	0.061	0.2982	1.4920	.0000E+00	.2983E-01	0.7521	.2127E-01	.3459E-02	0.0000	.0000E+00	.0000E+0
290		0.00	0.000	0.078	0.2803	1.3279	.0000E+00	.2947E-01	0.7651	.2163E-01	.3505E-02	0.0000	.0000E+00	.0000E+0
291		0.00	0.000	0.081	0.2620	1.1608	.0000E+00	.2910E-01	0.7760	.2194E-01	.3544E-02	0.0000	.0000E+00	.0000E+0
292		0.92	0.025	0.076	0.3938	0.9917	.0000E+00	.2872E-01	0.7850	.2220E-01	.3575E-02	0.0000	.0000E+00	.0000E+0
293		0.38	0.000	0.084	0.4376	3.1429	.0000E+00	.3348E-01	0.7974	.2255E-01	.3619E-02	0.0000	.0000E+00	.0000E+0
294		0.00	0.000	0.076	0.4189	4.1684	.0000E+00	.3575E-01	0.8187	.2315E-01	.3693E-02	0.0000	.0000E+00	.0000E+0
295		0.00	0.000	0.076	0.4004	3.8338	.0000E+00	.3501E-01	0.8412	.2378E-01	.3771E-02	0.0000	.0000E+00	.0000E+0
296		0.00	0.000	0.070	0.3829	3.5614	.0000E+00	.3441E-01	0.8600	.2432E-01	.3836E-02	0.0000	.0000E+00	.0000E+0
297		0.00	0.000	0.063	0.3668	3.3019	.0000E+00	.3383E-01	0.8757	.2476E-01	.3890E-02	0.0000	.0000E+00	.0000E+0
298		1.14	0.235	0.066	0.5010	3.8081	.0000E+00	.3495E-01	0.8903	.2517E-01	.3940E-02	0.0000	.0000E+00	.0000E+0
299		0.21	0.100	0.071	0.5010	6.0000	.0000E+00	.3980E-01	0.9103	.2574E-01	.4008E-02	0.0000	.0000E+00	.0000E+0
300		0.00	0.000	0.039	0.4879	5.8643	.0000E+00	.3950E-01	0.9362	.2647E-01	.4096E-02	0.0000	.0000E+00	.0000E+0
301		0.25	0.074	0.058	0.5010	5.7907	.0000E+00	.3934E-01	0.9593	.2712E-01	.4173E-02	0.0000	.0000E+00	.0000E+0
302		0.00	0.000	0.061	0.4843	5.8276	.0000E+00	.3942E-01	0.9803	.2772E-01	.4244E-02	0.0000	.0000E+00	.0000E+0
303		0.06	0.000	0.050	0.4795	5.5219	.0000E+00	.3874E-01	0.9990	.2825E-01	.4306E-02	0.0000	.0000E+00	.0000E+0
304		0.63	0.401	0.060	0.5010	5.7793	.0000E+00	.3931E-01	1.0157	.2872E-01	.4362E-02	0.0000	.0000E+00	.0000E+0
305		0.06	0.044	0.059	0.4872	5.8581	.0000E+00	.3948E-01	1.0321	.2918E-01	.4416E-02	0.0000	.0000E+00	.0000E+0
306		0.52	0.335	0.063	0.5010	5.8491	.0000E+00	.3946E-01	1.0474	.2962E-01	.4467E-02	0.0000	.0000E+00	.0000E+0
307		0.04	0.025	0.056	0.4876	5.8622	.0000E+00	.3949E-01	1.0614	.3001E-01	.4513E-02	0.0000	.0000E+00	.0000E+0
308	*	0.55	0.000	0.034	0.4844	5.6088	.0000E+00	.3893E-01	1.0738	.3036E-01	.4554E-02	0.0000	.0000E+00	.0000E+0
309		0.00	0.351	0.006	0.5010	5.8417	.0000E+00	.3945E-01	1.0848	.3067E-01	.4590E-02	0.0000	.1279E-09	.4165E-0
310		0.13	0.114	0.058	0.4874	5.8598	.0000E+00	.3949E-01	1.0957	.3098E-01	.4626E-02	0.0000	.1434E-08	.1456E-0
311		0.37	0.187	0.062	0.5010	5.8269	.0000E+00	.3942E-01	1.1058	.3127E-01	.4658E-02	0.0001	.4375E-08	.2532E-0
312		0.08	0.065	0.069	0.4855	5.8405	.0000E+00	.3945E-01	1.1149	.3152E-01	.4688E-02	0.0001	.9139E-08	.3650E-0
313		0.00	0.000	0.057	0.4696	5.4252	.0000E+00	.3853E-01	1.1224	.3174E-01	.4712E-02	0.0002	.1599E-07	.4821E-0
314		0.00	0.000	0.052	0.4547	5.0216	.0000E+00	.3763E-01	1.1269	.3186E-01	.4727E-02	0.0002	.2544E-07	.6080E-0
315		0.00	0.000	0.065	0.4378	4.6830	.0000E+00	.3689E-01	1.1289	.3192E-01	.4734E-02	0.0002	.3791E-07	.7417E-0
316		0.00	0.000	0.046	0.4241	4.3599	.0000E+00	.3617E-01	1.1288	.3192E-01	.4733E-02	0.0003	.5358E-07	.8811E-0
317		0.00	0.000	0.050	0.4099	4.0674	.0000E+00	.3552E-01	1.1269	.3186E-01	.4727E-02	0.0003	.7252E-07	.1024E-0
318		0.00	0.000	0.057	0.3946	3.8035	.0000E+00	.3494E-01	1.1235	.3177E-01	.4716E-02	0.0004	.9471E-07	.1170E-0
319		0.00	0.000	0.067	0.3777	3.5516	.0000E+00	.3438E-01	1.1190	.3164E-01	.4701E-02	0.0004	.1200E-06	.1316E-0
320		0.04	0.000	0.071	0.3669	3.2982	.0000E+00	.3382E-01	1.1133	.3148E-01	.4683E-02	0.0005	.1484E-06	.1462E-0
321		0.06	0.000	0.061	0.3612	3.0620	.0000E+00	.3330E-01	1.1067	.3129E-01	.4661E-02	0.0005	.1795E-06	.1608E-0
322		0.16	0.000	0.052	0.3738	2.8609	.0000E+00	.3286E-01	1.0994	.3108E-01	.4637E-02	0.0006	.2131E-06	.1751E-0
323		0.00	0.000	0.040	0.3616	2.6781	.0000E+00	.3245E-01	1.0915	.3086E-01	.4612E-02	0.0006	.2489E-06	.1891E-0
324		0.08	0.000	0.057	0.3602	2.4952	.0000E+00	.3205E-01	1.0832	.3063E-01	.4585E-02	0.0007	.2902E-06	.2553E-0
325		0.00	0.000	0.045	0.3474	2.3121	.0000E+00	.3164E-01	1.0746	.3038E-01	.4556E-02	0.0007	.3363E-06	.2193E-0
326		0.00	0.000	0.052	0.3336	2.1131	.0000E+00	.3120E-01	1.0656	.3013E-01	.4527E-02	0.0008	.3768E-06	.2321E-0
327		0.00	0.000	0.058	0.3188	1.9386	.0000E+00	.3082E-01	1.0562	.2986E-01	.4496E-02	0.0008	.4180E-06	.2444E-0
328		0.00	0.000	0.052	0.3050	1.7795	.0000E+00	.3047E-01	1.0466	.2959E-01	.4464E-02	0.0008	.4597E-06	.2562E-0
329		0.49	0.000	0.056	0.3723	1.6199	.0000E+00	.3011E-01	1.0369	.2932E-01	.4432E-02	0.0009	.5014E-06	.2675E-0
330		0.00	0.000	0.050	0.3586	2.4163	.0000E+00	.3187E-01	1.0292	.2910E-01	.4407E-02	0.0009	.5403E-06	.2777E-0
331		0.00	0.000	0.047	0.3456	2.2299	.0000E+00	.3146E-01	1.0245	.2897E-01	.4391E-02	0.0009	.5747E-06	.2863E-0
332		0.00	0.000	0.039	0.3340	2.0378	.0000E+00	.3104E-01	1.0192	.2882E-01	.4373E-02	0.0010	.6095E-06	.2948E-0
333		0.07	0.000	0.053	0.3317	1.8814	.0000E+00	.3069E-01	1.0132	.2865E-01	.4354E-02	0.0010	.6444E-06	.3031E-0
334		0.00	0.000	0.042	0.3196	1.7241	.0000E+00	.3034E-01	1.0069	.2847E-01	.4333E-02	0.0010	.6790E-06	.3111E-0
335		0.00	0.000	0.042	0.3076	1.5678	.0000E+00	.3000E-01	1.0001	.2828E-01	.4310E-02	0.0010	.7132E-06	.3188E-0
336	*	0.06	0.000	0.031	0.3060	1.4194	.0000E+00	.2967E-01	0.9930	.2808E-01	.4287E-02	0.0011	.7467E-06	.3262E-0
337	*	0.00	0.000	0.009	0.3011	1.2832	.0000E+00	.2937E-01	0.9857	.2787E-01	.4262E-02	0.0011	.7794E-06	.3332E-0
338	*	0.08	0.000	0.040	0.2995	1.1484	.0000E+00	.2907E-01	0.9782	.2766E-01	.4237E-02	0.0011	.8112E-06	.3399E-0
339	*	0.03	0.000	0.038	0.2968	0.9998	.0000E+00	.2874E-01	0.9705	.2744E-01	.4211E-02	0.0011	.8419E-06	.3462E-0
340		0.58	0.000	0.047	0.3807	1.1018	.0000E+00	.2897E-01	0.9632	.2723E-01	.4187E-02	0.0012	.8707E-06	.3521E-0
341		0.00	0.000	0.039	0.3689	2.4910	.0000E+00	.3204E-01	0.9599	.2714E-01	.4175E-02	0.0006	.4439E-06	.2669E-0
342		0.21	0.000	0.055	0.3895	2.4985	.0000E+00	.3206E-01	0.9618	.2719E-01	.4182E-02	0.0012	.9005E-06	.4479E-0
343		0.00	0.000	0.041	0.3772	2.7009	.0000E+00	.3250E-01	0.9640	.2726E-01	.4189E-02	0.0012	.9135E-06	.3606E-0
344		0.00	0.000	0.033	0.3663	2.6020	.0000E+00	.3229E-01	0.9665	.2733E-01	.4198E-02	0.0012	.9234E-06	.3626E-0
345	*	0.33	0.000	0.031	0.3643	2.4456	.0000E+00	.3194E-01	0.9681	.2737E-01	.4203E-02	0.0012	.9346E-06	.3647E-0
346	*	0.10	0.000	0.029	0.3623	2.3492	.0000E+00	.3173E-01	0.9689	.2740E-01	.4206E-02	0.0012	.9470E-06	.3671E-0
347		0.00	0.000	0.037	0.3603	2.2441	.0000E+00	.3149E-01	0.9690	.2740E-01	.4206E-02	0.0012	.9600E-06	.3697E-0
348	*	0.00	0.000	0.028	0.3584	2.1552	.0000E+00	.3130E-01	0.9685	.2738E-01	.4204E-02	0.0012	.9736E-06	.3722E-0
349	*	0.58	0.000	0.032	0.3565	1.9733	.0000E+00	.3089E-01	0.9673	.2735E-01	.4200E-02	0.0006	.4938E-06	.2810E-0
350		0.82	0.033	0.000	0.4758	2.9970	.0000E+00	.3316E-01	0.9679	.2737E-01	.4202E-02	0.0012	.9957E-06	.3764E-0
351	*	0.00	0.000	0.025	0.4727	5.3016	.0000E+00	.3825E-01	0.9771	.2763E-01	.4233E-02	0.0012	.9967E-06	.3762E-0

352	*		0.00	0.000	0.021	0.4697	5.1990	.0000E+00	.3803E-01	0.9935	.2809E-01	.4288E-02	0.0012	.9853E-06	.3738E-0
353	*		0.58	0.000	0.022	0.4667	5.1151	.0000E+00	.3784E-01	1.0080	.2850E-01	.4336E-02	0.0012	.9734E-06	.3716E-0
354	*		0.00	0.000	0.016	0.4637	5.0265	.0000E+00	.3765E-01	1.0208	.2886E-01	.4379E-02	0.0012	.9664E-06	.3704E-0
355	*		0.00	0.000	0.019	0.4607	4.9530	.0000E+00	.3748E-01	1.0321	.2918E-01	.4416E-02	0.0012	.9637E-06	.3700E-0
356	*	*	0.00	0.000	0.000	0.4556	1.9209	.0000E+00	.3078E-01	1.0356	.2928E-01	.4428E-02	0.0012	.9712E-06	.3717E-0
357	*	*	0.00	0.000	0.027	0.4509	0.8091	.0000E+00	.2832E-01	1.0255	.2900E-01	.4395E-02	0.0012	.9980E-06	.3773E-0
358	*	*	0.67	0.000	0.000	0.4462	0.6791	.0000E+00	.2803E-01	1.0120	.2862E-01	.4350E-02	0.0013	.1035E-05	.3844E-0
359	*	*	0.01	0.000	0.000	0.4416	0.5504	.0000E+00	.2775E-01	0.9989	.2824E-01	.4306E-02	0.0013	.1072E-05	.3911E-0
360	*	*	0.65	0.000	0.000	0.4370	0.4230	.0000E+00	.2747E-01	0.9861	.2788E-01	.4263E-02	0.0013	.1106E-05	.3972E-0
361	*	*	0.23	0.000	0.000	0.4325	0.2969	.0000E+00	.2719E-01	0.9737	.2753E-01	.4222E-02	0.0013	.1138E-05	.5038E-0
362		*	0.04	0.000	0.000	0.4312	0.1721	.0000E+00	.2691E-01	0.9615	.2719E-01	.4181E-02	0.0013	.1175E-05	.4087E-0
363		*	0.00	0.067	0.019	0.4428	0.0486	.0000E+00	.2055E-01	0.9436	.2668E-01	.4121E-02	0.0014	.1211E-05	.4149E-0
364		*	0.00	0.073	0.021	0.4525	0.0000	.0000E+00	.0000E+00	0.8965	.2535E-01	.3961E-02	0.0014	.1301E-05	.4300E-0
365		*	0.01	0.201	0.000	0.4630	0.0000	.0000E+00	.0000E+00	0.8202	.2319E-01	.3698E-02	0.0015	.1446E-05	.4532E-0
366		*	0.06	0.338	0.000	0.4649	0.0026	.0000E+00	.1327E-01	0.7634	.2158E-01	.3499E-02	0.0015	.1543E-05	.4680E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 8

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	2.43	7.16	3.17	2.35	3.38	1.08
	5.86	3.31	4.40	4.59	2.59	5.04
RUNOFF	0.034	3.697	0.569	0.000	0.036	0.000
	1.330	0.075	0.078	0.881	1.077	0.712
EVAPOTRANSPIRATION	1.579	1.454	2.691	2.170	3.933	1.310
	4.163	3.052	2.666	2.107	1.557	0.660
PERCOLATION/LEAKAGE THROUGH	1.0353	0.9821	1.1095	0.1923	0.1645	0.0000
LAYER 2	0.3672	0.1832	0.1021	1.0415	1.0339	0.8847
LATERAL DRAINAGE COLLECTED	0.9216	0.8228	0.9714	0.4667	0.1564	0.0111
FROM LAYER 3	0.1943	0.1558	0.1078	0.6461	0.9141	0.8483
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1389	0.1253	0.1446	0.0788	0.0345	0.0044
LAYER 4	0.0384	0.0343	0.0255	0.1049	0.1370	0.1302
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1330	0.1263	0.1380	0.1560	0.1070	0.0768
LAYER 7	0.0265	0.0362	0.0410	0.0005	0.0464	0.1173

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	3.105	3.316	4.187	0.300	0.147	0.000
TOP OF LAYER 2	0.908	0.158	0.340	3.195	3.587	1.965
STD. DEVIATION OF DAILY	1.005	1.671	0.947	0.629	0.347	0.000
HEAD ON TOP OF LAYER 2	1.511	0.336	1.054	1.661	1.607	1.679
AVERAGE DAILY HEAD ON	1.051	1.003	1.108	0.550	0.178	0.013
TOP OF LAYER 4	0.222	0.178	0.127	0.737	1.078	0.968
STD. DEVIATION OF DAILY	0.026	0.049	0.020	0.341	0.105	0.012
HEAD ON TOP OF LAYER 4	0.171	0.108	0.089	0.200	0.041	0.055
AVERAGE DAILY HEAD ON	0.001	0.001	0.001	0.002	0.001	0.001
TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.001	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 8

	INCHES	CU. FEET	PERCENT
PRECIPITATION	45.36	411642.156	100.00
RUNOFF	8.488	77030.344	18.71
EVAPOTRANSPIRATION	27.343	248141.422	60.28
PERC./LEAKAGE THROUGH LAYER 2	7.096299	64398.914	15.64

AVG. HEAD ON TOP OF LAYER 2	1.7673		
DRAINAGE COLLECTED FROM LAYER 3	6.2163	56412.891	13.70
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.996838	9046.302	2.20
AVG. HEAD ON TOP OF LAYER 4	0.6011		
DRAINAGE COLLECTED FROM LAYER 6	0.0003	2.339	0.00
PERC./LEAKAGE THROUGH LAYER 7	1.004991	9120.297	2.22
AVG. HEAD ON TOP OF LAYER 7	0.0009		
CHANGE IN WATER STORAGE	2.307	20934.805	5.09
SOIL WATER AT START OF YEAR	285.157	2587800.500	
SOIL WATER AT END OF YEAR	285.624	2592038.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	1.840	16697.238	4.06
ANNUAL WATER BUDGET BALANCE	0.0000	0.049	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 9

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1		*	0.00	0.634	0.000	0.4648	0.0052	.0000E+00	.1476E-01	0.7341	.2076E-01	.3395E-02	0.0016	.1570E-05	.4721E-0
2		*	0.00	0.277	0.009	0.4648	0.0031	.0000E+00	.5365E-02	0.7003	.1980E-01	.3274E-02	0.0008	.8083E-06	.3586E-0
3	*	*	0.00	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.6489	.1835E-01	.3088E-02	0.0016	.1643E-05	.4851E-0
4		*	0.00	0.485	0.000	0.4654	0.0048	.0000E+00	.1082E-01	0.6038	.1707E-01	.2922E-02	0.0016	.1700E-05	.4932E-0
5	*	*	0.51	0.000	0.041	0.4648	0.0042	.0000E+00	.3608E-02	0.5728	.1620E-01	.2805E-02	0.0016	.1715E-05	.6192E-0
6	*	*	0.00	0.000	0.040	0.4648	0.0000	.0000E+00	.0000E+00	0.5291	.1496E-01	.2640E-02	0.0017	.1777E-05	.5020E-0
7		*	0.00	0.130	0.027	0.4648	0.0000	.0000E+00	.0000E+00	0.4833	.1367E-01	.2463E-02	0.0017	.1820E-05	.5079E-0
8		*	0.01	0.279	0.000	0.4654	0.0046	.0000E+00	.1067E-01	0.4520	.1278E-01	.2339E-02	0.0017	.1819E-05	.5077E-0
9		*	0.00	0.039	0.037	0.4648	0.0041	.0000E+00	.3558E-02	0.4333	.1225E-01	.2265E-02	0.0017	.1782E-05	.5026E-0
10		*	0.00	0.258	0.018	0.4648	0.0000	.0000E+00	.0000E+00	0.4013	.1135E-01	.2135E-02	0.0017	.1783E-05	.5027E-0
11	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3662	.1035E-01	.1991E-02	0.0008	.8957E-06	.3792E-0
12	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3341	.9447E-02	.1856E-02	0.0017	.1767E-05	.6285E-0
13	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3047	.8615E-02	.1730E-02	0.0017	.1782E-05	.5025E-0
14	*	*	0.45	0.000	0.033	0.4648	0.0000	.0000E+00	.0000E+00	0.2778	.7855E-02	.1612E-02	0.0017	.1765E-05	.5001E-0
15	*	*	0.00	0.000	0.035	0.4648	0.0000	.0000E+00	.0000E+00	0.2532	.7158E-02	.1501E-02	0.0016	.1743E-05	.4969E-0
16	*	*	0.36	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.2306	.6522E-02	.1398E-02	0.0016	.1715E-05	.4930E-0
17	*	*	0.00	0.000	0.038	0.4648	0.0000	.0000E+00	.0000E+00	0.2101	.5939E-02	.1302E-02	0.0016	.1684E-05	.4884E-0
18	*	*	0.52	0.000	0.035	0.4648	0.0000	.0000E+00	.0000E+00	0.1912	.5407E-02	.1212E-02	0.0008	.8244E-06	.3639E-0
19		*	0.00	0.000	0.041	0.4648	0.0000	.0000E+00	.0000E+00	0.1740	.4921E-02	.1128E-02	0.0016	.1614E-05	.4792E-0
20		*	0.00	0.000	0.041	0.4648	0.0000	.0000E+00	.0000E+00	0.1583	.4476E-02	.1049E-02	0.0016	.1575E-05	.4734E-0
21		*	0.26	1.211	0.000	0.4654	0.0050	.0000E+00	.1096E-01	0.1548	.4378E-02	.1031E-02	0.0015	.1513E-05	.4632E-0
22		*	0.08	0.152	0.032	0.4648	0.0042	.0000E+00	.3652E-02	0.1620	.4580E-02	.1068E-02	0.0015	.1420E-05	.4482E-0
23		*	0.33	0.316	0.006	0.4648	0.0047	.0000E+00	.8167E-02	0.1613	.4560E-02	.1064E-02	0.0014	.1339E-05	.4356E-0
24		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1598	.4518E-02	.1056E-02	0.0014	.1274E-05	.4250E-0
25		*	0.19	0.176	0.006	0.4648	0.0046	.0000E+00	.7924E-02	0.1532	.4331E-02	.1023E-02	0.0014	.1224E-05	.4169E-0
26		*	0.32	0.306	0.006	0.4648	0.0047	.0000E+00	.8194E-02	0.1601	.4527E-02	.1058E-02	0.0013	.1158E-05	.4047E-0
27		*	0.05	0.038	0.006	0.4648	0.0036	.0000E+00	.6183E-02	0.1649	.4662E-02	.1082E-02	0.0013	.1088E-05	.3924E-0
28	*	*	0.56	0.000	0.040	0.4648	0.0000	.0000E+00	.0000E+00	0.1599	.4521E-02	.1057E-02	0.0013	.1041E-05	.3845E-0
29	*	*	0.00	0.000	0.036	0.4648	0.0000	.0000E+00	.0000E+00	0.1454	.4111E-02	.9831E-03	0.0013	.1023E-05	.3818E-0
30	*	*	0.00	0.000	0.034	0.4648	0.0000	.0000E+00	.0000E+00	0.1322	.3737E-02	.9141E-03	0.0012	.1007E-05	.4739E-0
31	*	*	0.00	0.000	0.032	0.4648	0.0000	.0000E+00	.0000E+00	0.1201	.3395E-02	.8497E-03	0.0012	.1001E-05	.3768E-0
32	*	*	0.42	0.000	0.026	0.4648	0.0000	.0000E+00	.0000E+00	0.1090	.3083E-02	.7895E-03	0.0012	.9862E-06	.3739E-0
33	*	*	0.17	0.000	0.032	0.4648	0.0000	.0000E+00	.0000E+00	0.0990	.2799E-02	.7334E-03	0.0012	.9692E-06	.3707E-0
34	*	*	0.28	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0898	.2539E-02	.6810E-03	0.0012	.9510E-06	.3672E-0
35	*	*	0.00	0.000	0.038	0.4648	0.0000	.0000E+00	.0000E+00	0.0814	.2303E-02	.6322E-03	0.0012	.9317E-06	.3635E-0
36	*	*	0.08	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0738	.2087E-02	.5866E-03	0.0012	.9115E-06	.3595E-0
37		*	0.00	0.178	0.022	0.4648	0.0000	.0000E+00	.0000E+00	0.0669	.1891E-02	.5441E-03	0.0006	.4453E-06	.2673E-0
38		*	0.00	0.250	0.011	0.4648	0.0018	.0000E+00	.3185E-02	0.0637	.1802E-02	.5244E-03	0.0012	.8661E-06	.3507E-0
39	*	*	0.00	0.000	0.041	0.4648	0.0000	.0000E+00	.0000E+00	0.0628	.1775E-02	.5186E-03	0.0011	.8326E-06	.3437E-0

40	*	*	0.00	0.000	0.039	0.4648	0.0000	.0000E+00	.0000E+00	0.0568	.1607E-02	.4807E-03	0.0011	.8080E-06	.3390E-0
41	*	*	0.00	0.000	0.035	0.4648	0.0000	.0000E+00	.0000E+00	0.0514	.1454E-02	.4454E-03	0.0011	.7850E-06	.4179E-0
42	*	*	0.08	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.0465	.1314E-02	.4125E-03	0.0011	.7676E-06	.3299E-0
43		*	0.00	0.294	0.006	0.4648	0.0049	.0000E+00	.8552E-02	0.0505	.1428E-02	.4389E-03	0.0011	.7230E-06	.3202E-0
44		*	0.00	0.210	0.016	0.4648	0.0000	.0000E+00	.0000E+00	0.0594	.1678E-02	.4968E-03	0.0010	.6681E-06	.3078E-0
45	*	*	0.00	0.000	0.038	0.4648	0.0000	.0000E+00	.0000E+00	0.0537	.1519E-02	.4604E-03	0.0010	.6566E-06	.3052E-0
46		*	0.00	0.005	0.067	0.4648	0.0000	.0000E+00	.0000E+00	0.0486	.1373E-02	.4265E-03	0.0010	.6446E-06	.3024E-0
47		*	0.00	0.019	0.072	0.4648	0.0000	.0000E+00	.0000E+00	0.0439	.1241E-02	.3950E-03	0.0010	.6320E-06	.2994E-0
48	*	*	0.16	0.000	0.050	0.4648	0.0000	.0000E+00	.0000E+00	0.0397	.1121E-02	.3655E-03	0.0010	.6190E-06	.2963E-0
49	*	*	0.00	0.000	0.059	0.4648	0.0000	.0000E+00	.0000E+00	0.0358	.1012E-02	.3382E-03	0.0010	.6058E-06	.2932E-0
50	*	*	0.64	0.000	0.028	0.4648	0.0000	.0000E+00	.0000E+00	0.0323	.9132E-03	.3127E-03	0.0010	.5923E-06	.2899E-0
51	*	*	0.01	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0291	.8233E-03	.2890E-03	0.0009	.5788E-06	.2865E-0
52	*	*	0.00	0.000	0.040	0.4648	0.0000	.0000E+00	.0000E+00	0.0262	.7418E-03	.2670E-03	0.0005	.2853E-06	.2129E-0
53		*	0.00	0.424	0.020	0.4648	0.0000	.0000E+00	.0000E+00	0.0236	.6678E-03	.2465E-03	0.0009	.5538E-06	.2806E-0
54		*	0.00	0.143	0.047	0.4648	0.0000	.0000E+00	.0000E+00	0.0212	.6008E-03	.2274E-03	0.0009	.5403E-06	.2771E-0
55		*	0.38	0.366	0.005	0.4648	0.0056	.0000E+00	.9665E-02	0.0287	.8112E-03	.2844E-03	0.0009	.5094E-06	.2681E-0
56	*	*	1.04	0.000	0.036	0.4648	0.0000	.0000E+00	.0000E+00	0.0413	.1168E-02	.3772E-03	0.0009	.4625E-06	.2550E-0
57	*	*	0.11	0.000	0.031	0.4648	0.0000	.0000E+00	.0000E+00	0.0373	.1055E-02	.3490E-03	0.0008	.4407E-06	.2504E-0
58	*	*	0.00	0.000	0.027	0.4648	0.0000	.0000E+00	.0000E+00	0.0337	.9520E-03	.3228E-03	0.0008	.4350E-06	.2488E-0
59	*	*	0.00	0.000	0.030	0.4648	0.0000	.0000E+00	.0000E+00	0.0304	.8586E-03	.2984E-03	0.0008	.4270E-06	.3083E-0
60	*	*	0.00	0.000	0.024	0.4648	0.0000	.0000E+00	.0000E+00	0.0274	.7738E-03	.2757E-03	0.0008	.4216E-06	.2446E-0
61	*	*	0.00	0.000	0.028	0.4648	0.0000	.0000E+00	.0000E+00	0.0246	.6968E-03	.2546E-03	0.0004	.2090E-06	.1823E-0
62		*	0.00	0.000	0.044	0.4648	0.0000	.0000E+00	.0000E+00	0.0222	.6271E-03	.2350E-03	0.0008	.4082E-06	.2409E-0
63		*	0.00	0.022	0.039	0.4648	0.0000	.0000E+00	.0000E+00	0.0199	.5640E-03	.2167E-03	0.0008	.3992E-06	.2979E-0
64	*	*	0.00	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.0179	.5068E-03	.1998E-03	0.0008	.3921E-06	.2359E-0
65	*	*	0.00	0.000	0.033	0.4648	0.0000	.0000E+00	.0000E+00	0.0161	.4550E-03	.1841E-03	0.0008	.3844E-06	.2336E-0
66	*	*	0.00	0.000	0.042	0.4648	0.0000	.0000E+00	.0000E+00	0.0144	.4082E-03	.1695E-03	0.0008	.3765E-06	.2312E-0
67	*	*	0.02	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0129	.3659E-03	.1560E-03	0.0004	.1843E-06	.1719E-0
68		*	0.00	0.562	0.000	0.4648	0.0049	.0000E+00	.1447E-01	0.0259	.7335E-03	.2607E-03	0.0007	.3396E-06	.2182E-0
69		*	0.40	0.584	0.000	0.4654	0.0049	.0000E+00	.1086E-01	0.0573	.1620E-02	.4832E-03	0.0007	.2784E-06	.1959E-0
70		*	0.66	0.646	0.004	0.4653	0.0072	.0000E+00	.1143E-01	0.0806	.2279E-02	.6269E-03	0.0006	.2259E-06	.1772E-0
71		*	0.21	0.196	0.004	0.4653	0.0059	.0000E+00	.1011E-01	0.1014	.2868E-02	.7471E-03	0.0005	.1903E-06	.1629E-0
72	*	*	0.00	0.000	0.000	0.4648	0.0029	.0000E+00	.2502E-02	0.1107	.3131E-02	.7990E-03	0.0005	.1696E-06	.1546E-0
73		*	0.88	0.865	0.004	0.4648	0.0061	.0000E+00	.1065E-01	0.1151	.3255E-02	.8228E-03	0.0005	.1596E-06	.1875E-0
74		*	0.23	0.216	0.004	0.4648	0.0058	.0000E+00	.1012E-01	0.1317	.3723E-02	.9116E-03	0.0005	.1371E-06	.1396E-0
75		*	1.66	1.645	0.004	0.4648	0.0062	.0000E+00	.1068E-01	0.1465	.4142E-02	.9888E-03	0.0004	.1210E-06	.1312E-0
76		*	2.45	2.435	0.004	0.4648	0.0062	.0000E+00	.1072E-01	0.1610	.4551E-02	.1062E-02	0.0002	.5355E-07	.9258E-0
77		*	0.28	0.266	0.004	0.4648	0.0059	.0000E+00	.1029E-01	0.1738	.4914E-02	.1127E-02	0.0004	.1000E-06	.1184E-0
78		*	0.27	0.256	0.004	0.4648	0.0059	.0000E+00	.1030E-01	0.1849	.5227E-02	.1181E-02	0.0004	.9046E-07	.1406E-0
79		*	0.11	0.097	0.004	0.4648	0.0055	.0000E+00	.9605E-02	0.1943	.5493E-02	.1227E-02	0.0004	.8051E-07	.1070E-0
80		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1922	.5436E-02	.1217E-02	0.0004	.8238E-07	.1083E-0
81		*	0.11	0.097	0.004	0.4648	0.0056	.0000E+00	.9719E-02	0.1846	.5220E-02	.1180E-02	0.0004	.8837E-07	.1121E-0
82			0.00	0.000	0.098	0.4438	3.6939	.0000E+00	.2807E-01	0.2115	.5979E-02	.1308E-02	0.0003	.6971E-07	.9961E-0
83			0.27	0.000	0.102	0.4657	4.7221	.0000E+00	.3697E-01	0.2743	.7757E-02	.1595E-02	0.0001	.1810E-07	.5374E-0
84			0.00	0.000	0.129	0.4381	4.7794	.0000E+00	.3710E-01	0.3463	.9792E-02	.1907E-02	0.0002	.2087E-07	.4986E-0
85			0.00	0.000	0.118	0.4124	4.3264	.0000E+00	.3610E-01	0.4114	.1163E-01	.2176E-02	0.0001	.5879E-08	.2461E-0
86			0.00	0.000	0.152	0.3812	3.8591	.0000E+00	.3506E-01	0.4684	.1324E-01	.2404E-02	0.0000	.7020E-09	.5371E-0
87			0.98	0.128	0.098	0.5010	4.0475	.0000E+00	.3548E-01	0.5193	.1468E-01	.2602E-02	0.0000	.0000E+00	.0000E+0
88			0.00	0.000	0.161	0.4677	5.6653	.0000E+00	.3906E-01	0.5702	.1612E-01	.2796E-02	0.0000	.0000E+00	.0000E+0
89			0.00	0.000	0.124	0.4409	4.9002	.0000E+00	.3737E-01	0.6209	.1756E-01	.2985E-02	0.0000	.0000E+00	.0000E+0
90			0.00	0.000	0.135	0.4123	4.3753	.0000E+00	.3621E-01	0.6636	.1876E-01	.3141E-02	0.0000	.0000E+00	.0000E+0
91			0.22	0.000	0.106	0.4254	3.9417	.0000E+00	.3525E-01	0.6998	.1979E-01	.3273E-02	0.0000	.0000E+00	.0000E+0
92			0.13	0.000	0.083	0.4273	3.7508	.0000E+00	.3482E-01	0.7312	.2067E-01	.3385E-02	0.0000	.0000E+00	.0000E+0
93			0.00	0.000	0.125	0.4007	3.6950	.0000E+00	.3470E-01	0.7591	.2146E-01	.3484E-02	0.0000	.0000E+00	.0000E+0
94			0.03	0.000	0.109	0.3818	3.4209	.0000E+00	.3410E-01	0.7838	.2216E-01	.3571E-02	0.0000	.0000E+00	.0000E+0
95			0.01	0.000	0.125	0.3571	3.1479	.0000E+00	.3349E-01	0.8050	.2276E-01	.3645E-02	0.0000	.0000E+00	.0000E+0
96			1.73	0.717	0.114	0.5010	3.9469	.0000E+00	.3526E-01	0.8252	.2333E-01	.3716E-02	0.0000	.0000E+00	.0000E+0
97			0.18	0.177	0.115	0.4759	5.7472	.0000E+00	.3924E-01	0.8505	.2405E-01	.3803E-02	0.0000	.0000E+00	.0000E+0
98			0.05	0.000	0.105	0.4604	5.1698	.0000E+00	.3796E-01	0.8789	.2485E-01	.3901E-02	0.0000	.0000E+00	.0000E+0
99			0.29	0.004	0.136	0.4792	5.0162	.0000E+00	.3762E-01	0.9026	.2552E-01	.3982E-02	0.0000	.0000E+00	.0000E+0
100			0.15	0.000	0.148	0.4732	5.3179	.0000E+00	.3829E-01	0.9244	.2614E-01	.4056E-02	0.0000	.0000E+00	.0000E+0
101			0.00	0.000	0.224	0.4297	4.8649	.0000E+00	.3729E-01	0.9445	.2670E-01	.4124E-02	0.0000	.0000E+00	.0000E+0
102			0.00	0.000	0.218	0.3875	4.0757	.0000E+00	.3554E-01	0.9595	.2713E-01	.4174E-02	0.0000	.0000E+00	.0000E+0
103			0.00	0.000	0.184	0.3511	3.5275	.0000E+00	.3433E-01	0.9694	.2741E-01	.4207E-02	0.0000	.0000E+00	.0000E+0
104			0.00	0.000	0.202	0.3119	2.9647	.0000E+00	.3309E-01	0.9752	.2757E-01	.4227E-02	0.0000	.0000E+00	.0000E+0
105			0.00	0.000	0.179	0.2768	2.3967	.0000E+00	.3183E-01	0.9773	.2763E-01	.4234E-02	0.0000	.0000E+00	.0000E+0
106			0.00	0.000	0.190	0.2400	1.7901	.0000E+00	.3049E-01	0.9759	.2759E-01	.4229E-02	0.0000	.0000E+00	.0000E+0
107			0.00	0.000	0.157	0.2090	1.2273	.0000E+00	.2925E-01	0.9712	.2746E-01	.4213E-02	0.0000	.0000E+00	.0000E+0
108			0.00	0.000	0.166	0.1767	0.7510	.0000E+00	.2819E-01	0.9638	.2725E-01	.4189E-02	0.0000	.1149E-10	.1343E-0
109			0.00	0.000	0.083	0.1595	0.2759	.0000E+00	.2046E-01	0.9477	.2680E-01	.4134E-02	0.0000	.1546E-08	.1548E-0
110			0.00	0.000	0.064	0.1488	0.0000	.0000E+00	.0000E+00	0.9001	.2545E-01	.3973E-02	0.0001	.1027E-07	.4006E-0
111			0.00	0.000	0.054	0.1398	0.0000	.0000E+00	.0000E+00	0.8235	.2328E-01	.3709E-02	0.0002	.3522E-07	.7378E-0
112			0.00	0.000	0.029	0.1350	0.0000	.0000E+00	.0000E+00	0.7532	.2130E-01	.3463E-02	0.0003	.7613E-07	.1071E-0
113			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6887	.1947E-01	.3233E-02	0.0004	.1268E-06	.1373E-0
114			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6296	.1780E-01	.3017E-02	0.0005	.1836E-06	.1643E-0
115			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5754	.1627E-01	.2815E-02	0.0006	.2433E-06	.1886E-0
116			0.54	0.000	0.027	0.2206	0.0000	.0000E+00	.0000E+00	0.5258	.1487E-01	.2627E-02	0.0007	.3037E-06	.2102E-0
117			1.00	0.078	0.030	0.3692	0.0000	.0000E+00	.0000E+00	0.4803	.1358E-01	.2451E-02	0.0007	.3629E-06	.2293E-0
118			0.00	0.000	0.201	0.3307	1.6400	.0000E+00	.3016E-01	0.4685	.1325E-01	.2404E-02	0.0008	.3947E-06	.2375E-0
119			0.00	0.000	0.156	0.2997	1.7105	.0000E+00	.3031E-01	0.5064	.1432E-01	.2552E-02	0.0008	.3711E-06	.2279E-0
120			0.46	0.000	0.111	0.3528	1.5157	.0000E+00	.2988E-01	0.5410	.1530E-01	.2685E-02	0.0007	.3311E-06	.2154E-0
121			1.73	0.651	0.156	0.5010	3.2800	.0000E+00	.3378E-01	0.5758	.1628E-01	.2817E-02	0.0007	.2976E-06	.2042E-0
122			0.36	0.195	0.156	0.4959	5.9471	.0000E+00	.3968E-01	0.6199	.1753E-01	.2981E-02	0.0006	.2627E-06	.1914E-0
123			0.29	0.160	0.144	0.4870	5.7532	.0000E+00	.3925E-01	0.6694	.1893E-01	.3162E-02	0.0006	.2266E-06	.1775E-0
124			0.00	0.000	0.220	0.4440	5.1912	.0000E+00	.3801E-01	0.7128	.2015E-01	.3319E-02	0.0006	.1992E-06	.2073E-0
125			0.00	0.000	0.208	0.4033	4.3463	.0000E+00	.3614E-01	0.7488	.2117E-01	.3448E-02	0.0005	.1712E-06	.1564E-0
126			0.84	0.073	0.170	0.4967	4.3079	.0000E+00	.3606E-01	0.7787	.2202E-01	.3553E-02	0.0005	.1622E-06	.1523E-0
127			0.07	0.000	0.119	0.4820	5.7492	.0000E+00	.3924E-01	0.8092	.2288E-01	.3660E-02	0.0005	.1545E-06	.1487E-0
128			0.04	0.000	0.187	0.4513	5.1848	.0000E+00	.3800E-01	0.8410	.2378E-01	.3770E-02	0.0002	.7164E-07	.1082E-0
129			0.90	0.417	0.146	0.5010	5.4184	.0000E+00	.3851E-01	0.8687	.2456E-01	.3866E-02	0.0005	.1474E-06	.1441E-0
130			0.00	0.000	0.209	0.4597	5.5859	.0000E+00	.3888E-01	0.8953	.2532E-01	.3957E-02	0.0005	.1480E-06	.1801E-0
131			0.00	0.000	0.224	0.4162	4.6291	.0000E+00	.3677E-01	0.9182	.2596E-01	.4035E-02	0.0005	.1457E-06	.1445E-0
132			0.00	0.000	0.208	0.3757	3.8851	.0000E+00	.3512E-01	0.9342	.2642E-01	.4089E-02	0.0005	.1537E-06	.1484E-0
133			0.00	0.000	0.178	0.3404	3.3243	.0000E+00	.3388E-01	0.9450	.2672E-01	.4125E-02	0.0005	.1659E-06	.1542E-0
134			0.00	0.000	0.204	0.3010	2.7817	.0000E+00	.3268E-01	0.9517	.2691E-01	.4148E-02	0.0005	.1818E-06	.1614E-0
135			0.85	0.023	0.220	0.3968	2.3518	.0000E+00	.3173E-01	0.9550	.2700E-01	.4159E-02	0.0006	.2009E-06	.1696E-0

136	0.00	0.000	0.250	0.3497	2.6926	.0000E+00	.3249E-01	0.9572	.2707E-01	.4167E-02	0.0006	.2214E-06	.1780E-0
137	0.00	0.000	0.225	0.3068	2.3952	.0000E+00	.3183E-01	0.9599	.2714E-01	.4175E-02	0.0006	.2423E-06	.1862E-0
138	0.00	0.000	0.233	0.2628	2.0049	.0000E+00	.3096E-01	0.9603	.2715E-01	.4177E-02	0.0006	.2655E-06	.1948E-0
139	0.00	0.000	0.230	0.2194	1.5302	.0000E+00	.2992E-01	0.9583	.2710E-01	.4170E-02	0.0003	.1427E-06	.1523E-0
140	0.10	0.000	0.186	0.2003	0.9009	.0000E+00	.2852E-01	0.9534	.2696E-01	.4154E-02	0.0007	.3126E-06	.2116E-0
141	0.38	0.000	0.094	0.2433	0.6635	.0000E+00	.2800E-01	0.9462	.2675E-01	.4129E-02	0.0007	.3434E-06	.2218E-0
142	0.68	0.008	0.141	0.3273	0.3437	.0000E+00	.2729E-01	0.9380	.2652E-01	.4102E-02	0.0008	.3758E-06	.2320E-0
143	0.00	0.000	0.211	0.2875	0.5893	.0000E+00	.2783E-01	0.9298	.2629E-01	.4074E-02	0.0008	.4085E-06	.2418E-0
144	0.00	0.000	0.244	0.2422	0.6366	.0000E+00	.2794E-01	0.9233	.2611E-01	.4052E-02	0.0008	.4399E-06	.2508E-0
145	0.00	0.000	0.287	0.1897	0.4898	.0000E+00	.2761E-01	0.9172	.2594E-01	.4031E-02	0.0009	.4726E-06	.3250E-0
146	0.00	0.000	0.215	0.1516	0.1615	.0000E+00	.1360E-01	0.8972	.2537E-01	.3963E-02	0.0009	.5249E-06	.2736E-0
147	0.00	0.000	0.100	0.1350	0.0000	.0000E+00	.0000E+00	0.8427	.2383E-01	.3776E-02	0.0010	.6176E-06	.2966E-0
148	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7708	.2180E-01	.3525E-02	0.0011	.7376E-06	.3240E-0
149	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7049	.1993E-01	.3291E-02	0.0011	.8499E-06	.3476E-0
150	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6445	.1822E-01	.3071E-02	0.0012	.9522E-06	.3678E-0
151	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5891	.1666E-01	.2866E-02	0.0013	.1043E-05	.3849E-0
152	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5382	.1522E-01	.2675E-02	0.0007	.5653E-06	.3000E-0
153	0.21	0.000	0.028	0.1653	0.0000	.0000E+00	.0000E+00	0.4917	.1390E-01	.2495E-02	0.0013	.1161E-05	.4082E-0
154	0.00	0.000	0.023	0.1615	0.0000	.0000E+00	.0000E+00	0.4490	.1270E-01	.2327E-02	0.0014	.1221E-05	.4182E-0
155	0.71	0.001	0.037	0.2735	0.0000	.0000E+00	.0000E+00	0.4099	.1159E-01	.2170E-02	0.0014	.1269E-05	.4262E-0
156	0.16	0.000	0.217	0.2640	0.0000	.0000E+00	.0000E+00	0.3741	.1058E-01	.2024E-02	0.0014	.1306E-05	.4323E-0
157	0.00	0.000	0.251	0.2222	0.0000	.0000E+00	.0000E+00	0.3413	.9651E-02	.1887E-02	0.0014	.1334E-05	.4367E-0
158	0.00	0.000	0.225	0.1847	0.0000	.0000E+00	.0000E+00	0.3113	.8803E-02	.1758E-02	0.0014	.1354E-05	.4397E-0
159	0.00	0.000	0.113	0.1658	0.0000	.0000E+00	.0000E+00	0.2839	.8026E-02	.1638E-02	0.0015	.1365E-05	.4414E-0
160	0.08	0.000	0.094	0.1635	0.0000	.0000E+00	.0000E+00	0.2587	.7315E-02	.1526E-02	0.0015	.1369E-05	.4420E-0
161	0.00	0.000	0.082	0.1498	0.0000	.0000E+00	.0000E+00	0.2357	.6665E-02	.1422E-02	0.0014	.1358E-05	.5509E-0
162	0.00	0.000	0.069	0.1383	0.0000	.0000E+00	.0000E+00	0.2147	.6071E-02	.1324E-02	0.0015	.1365E-05	.4398E-0
163	0.00	0.000	0.018	0.1353	0.0000	.0000E+00	.0000E+00	0.1955	.5527E-02	.1232E-02	0.0014	.1351E-05	.4376E-0
164	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.1779	.5030E-02	.1147E-02	0.0007	.6755E-06	.3272E-0
165	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1618	.4576E-02	.1067E-02	0.0014	.1312E-05	.4322E-0
166	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1472	.4161E-02	.9923E-03	0.0014	.1289E-05	.4285E-0
167	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1338	.3783E-02	.9227E-03	0.0014	.1265E-05	.4243E-0
168	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1216	.3437E-02	.8577E-03	0.0014	.1239E-05	.4198E-0
169	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1104	.3121E-02	.7970E-03	0.0014	.1211E-05	.4150E-0
170	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1002	.2834E-02	.7404E-03	0.0014	.1182E-05	.4100E-0
171	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0909	.2571E-02	.6875E-03	0.0013	.1152E-05	.4048E-0
172	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0825	.2332E-02	.6382E-03	0.0013	.1115E-05	.4980E-0
173	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0748	.2114E-02	.5922E-03	0.0013	.1087E-05	.3926E-0
174	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0677	.1915E-02	.5494E-03	0.0013	.1056E-05	.3869E-0
175	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0613	.1734E-02	.5094E-03	0.0013	.1025E-05	.3813E-0
176	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0555	.1569E-02	.4721E-03	0.0012	.9950E-06	.3756E-0
177	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0502	.1420E-02	.4374E-03	0.0012	.9650E-06	.3699E-0
178	0.30	0.000	0.030	0.1800	0.0000	.0000E+00	.0000E+00	0.0454	.1283E-02	.4051E-03	0.0006	.4676E-06	.2740E-0
179	0.22	0.000	0.041	0.2098	0.0000	.0000E+00	.0000E+00	0.0410	.1160E-02	.3750E-03	0.0012	.9115E-06	.3599E-0
180	0.00	0.000	0.050	0.2015	0.0000	.0000E+00	.0000E+00	0.0370	.1047E-02	.3470E-03	0.0012	.8830E-06	.3542E-0
181	0.00	0.000	0.055	0.1923	0.0000	.0000E+00	.0000E+00	0.0334	.9447E-03	.3209E-03	0.0012	.8552E-06	.4346E-0
182	0.13	0.000	0.068	0.2026	0.0000	.0000E+00	.0000E+00	0.0301	.8519E-03	.2966E-03	0.0011	.8229E-06	.3416E-0
183	0.02	0.000	0.080	0.1927	0.0000	.0000E+00	.0000E+00	0.0272	.7677E-03	.2740E-03	0.0011	.7965E-06	.3361E-0
184	0.00	0.000	0.069	0.1812	0.0000	.0000E+00	.0000E+00	0.0245	.6914E-03	.2531E-03	0.0011	.7708E-06	.3306E-0
185	0.01	0.000	0.055	0.1737	0.0000	.0000E+00	.0000E+00	0.0220	.6222E-03	.2335E-03	0.0011	.7459E-06	.3252E-0
186	0.00	0.000	0.071	0.1619	0.0000	.0000E+00	.0000E+00	0.0198	.5595E-03	.2154E-03	0.0005	.3648E-06	.2406E-0
187	0.00	0.000	0.080	0.1486	0.0000	.0000E+00	.0000E+00	0.0178	.5027E-03	.1986E-03	0.0010	.7030E-06	.3160E-0
188	0.00	0.000	0.069	0.1371	0.0000	.0000E+00	.0000E+00	0.0160	.4514E-03	.1830E-03	0.0010	.6803E-06	.3108E-0
189	0.14	0.000	0.041	0.1536	0.0000	.0000E+00	.0000E+00	0.0143	.4049E-03	.1685E-03	0.0010	.6582E-06	.3057E-0
190	0.05	0.000	0.051	0.1534	0.0000	.0000E+00	.0000E+00	0.0128	.3629E-03	.1550E-03	0.0010	.6369E-06	.3007E-0
191	0.23	0.000	0.058	0.1821	0.0000	.0000E+00	.0000E+00	0.0115	.3250E-03	.1425E-03	0.0010	.6163E-06	.2958E-0
192	0.00	0.000	0.066	0.1711	0.0000	.0000E+00	.0000E+00	0.0103	.2908E-03	.1310E-03	0.0010	.5964E-06	.2910E-0
193	0.00	0.000	0.082	0.1574	0.0000	.0000E+00	.0000E+00	0.0092	.2600E-03	.1203E-03	0.0009	.5772E-06	.2863E-0
194	0.00	0.000	0.087	0.1429	0.0000	.0000E+00	.0000E+00	0.0082	.2322E-03	.1104E-03	0.0009	.5587E-06	.2817E-0
195	0.00	0.000	0.043	0.1358	0.0000	.0000E+00	.0000E+00	0.0073	.2071E-03	.1012E-03	0.0009	.5408E-06	.2771E-0
196	0.15	0.000	0.053	0.1520	0.0000	.0000E+00	.0000E+00	0.0065	.1846E-03	.9272E-04	0.0009	.5211E-06	.3401E-0
197	0.00	0.000	0.047	0.1443	0.0000	.0000E+00	.0000E+00	0.0058	.1643E-03	.8488E-04	0.0004	.2540E-06	.2009E-0
198	1.31	0.098	0.070	0.3347	0.0000	.0000E+00	.0000E+00	0.0052	.1461E-03	.7763E-04	0.0009	.4910E-06	.2640E-0
199	0.00	0.000	0.254	0.2888	0.6431	.0000E+00	.2132E-01	0.0257	.7274E-03	.2525E-03	0.0008	.4358E-06	.2464E-0
200	0.51	0.000	0.176	0.3397	1.0261	.0000E+00	.2880E-01	0.0859	.2429E-02	.6553E-03	0.0007	.3216E-06	.2082E-0
201	0.00	0.000	0.198	0.3018	1.1101	.0000E+00	.2899E-01	0.1529	.4323E-02	.1020E-02	0.0006	.2122E-06	.1686E-0
202	1.05	0.066	0.142	0.4372	1.5928	.0000E+00	.3005E-01	0.2154	.6091E-02	.1326E-02	0.0005	.1378E-06	.1358E-0
203	0.00	0.000	0.229	0.3932	3.7843	.0000E+00	.3490E-01	0.2791	.7891E-02	.1617E-02	0.0004	.8634E-07	.1318E-0
204	0.00	0.000	0.281	0.3408	3.3073	.0000E+00	.3384E-01	0.3441	.9729E-02	.1898E-02	0.0002	.3761E-07	.7327E-0
205	0.00	0.000	0.266	0.2911	2.6849	.0000E+00	.3247E-01	0.4005	.1132E-01	.2132E-02	0.0002	.1921E-07	.5247E-0
206	0.38	0.000	0.223	0.3121	2.0403	.0000E+00	.3104E-01	0.4486	.1268E-01	.2326E-02	0.0001	.9256E-08	.3651E-0
207	1.44	0.235	0.182	0.4773	2.2672	.0000E+00	.3154E-01	0.4908	.1388E-01	.2492E-02	0.0001	.3948E-08	.2395E-0
208	0.00	0.000	0.254	0.4287	4.9352	.0000E+00	.3744E-01	0.5361	.1516E-01	.2666E-02	0.0000	.8367E-09	.1116E-0
209	0.00	0.000	0.235	0.3836	4.0404	.0000E+00	.3547E-01	0.5852	.1655E-01	.2852E-02	0.0000	.0000E+00	.0000E+0
210	0.00	0.000	0.251	0.3361	3.3310	.0000E+00	.3390E-01	0.6255	.1769E-01	.3002E-02	0.0000	.1017E-13	.1901E-0
211	0.00	0.000	0.193	0.2985	2.7411	.0000E+00	.3259E-01	0.6586	.1862E-01	.3123E-02	0.0000	.0000E+00	.0000E+0
212	0.00	0.000	0.269	0.2485	2.0820	.0000E+00	.3114E-01	0.6854	.1938E-01	.3220E-02	0.0000	.0000E+00	.0000E+0
213	0.78	0.007	0.274	0.3265	1.5640	.0000E+00	.2999E-01	0.7064	.1997E-01	.3296E-02	0.0000	.0000E+00	.0000E+0
214	0.45	0.000	0.218	0.3604	1.1257	.0000E+00	.2902E-01	0.7230	.2044E-01	.3356E-02	0.0000	.0000E+00	.0000E+0
215	0.00	0.000	0.217	0.3192	1.8837	.0000E+00	.3070E-01	0.7382	.2087E-01	.3410E-02	0.0000	.0000E+00	.0000E+0
216	0.00	0.000	0.247	0.2730	1.7740	.0000E+00	.3045E-01	0.7547	.2134E-01	.3468E-02	0.0000	.0000E+00	.0000E+0
217	0.49	0.000	0.201	0.3162	1.5442	.0000E+00	.2995E-01	0.7689	.2174E-01	.3519E-02	0.0000	.0000E+00	.0000E+0
218	0.08	0.000	0.259	0.2815	1.3235	.0000E+00	.2946E-01	0.7806	.2207E-01	.3560E-02	0.0000	.0000E+00	.0000E+0
219	0.02	0.000	0.234	0.2410	1.0940	.0000E+00	.2895E-01	0.7900	.2234E-01	.3593E-02	0.0000	.0000E+00	.0000E+0
220	0.00	0.000	0.229	0.1980	0.8756	.0000E+00	.2847E-01	0.7974	.2255E-01	.3619E-02	0.0000	.3116E-10	.1966E-0
221	0.00	0.000	0.186	0.1624	0.4759	.0000E+00	.2758E-01	0.8025	.2269E-01	.3637E-02	0.0000	.5354E-09	.8931E-0
222	0.00	0.000	0.164	0.1350	0.0175	.0000E+00	.0000E+00	0.7784	.2201E-01	.3552E-02	0.0001	.3607E-08	.2370E-0
223	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7119	.2013E-01	.3316E-02	0.0001	.1704E-07	.5169E-0
224	0.68	0.000	0.172	0.2196	0.0000	.0000E+00	.0000E+00	0.6508	.1840E-01	.3095E-02	0.0002	.4322E-07	.8105E-0
225	0.00	0.000	0.212	0.1843	0.0000	.0000E+00	.0000E+00	0.5949	.1682E-01	.2888E-02	0.0003	.7770E-07	.1077E-0
226	0.00	0.000	0.211	0.1492	0.0000	.0000E+00	.0000E+00	0.5436	.1537E-01	.2695E-02	0.0004	.1177E-06	.1318E-0
227	0.00	0.000	0.073	0.1371	0.0000	.0000E+00	.0000E+00	0.4966	.1404E-01	.2514E-02	0.0005	.1609E-06	.1536E-0
228	0.78	0.003	0.140	0.2433	0.0000	.0000E+00	.0000E+00	0.4535	.1282E-01	.2345E-02	0.0006	.2055E-06	.2177E-0
229	0.00	0.000	0.211	0.2081	0.0000	.0000E+00	.0000E+00	0.4140	.1171E-01	.2187E-02	0.0006	.2662E-06	.1946E-0
230	0.00	0.000	0.163	0.1810	0.0000	.0000E+00	.0000E+00	0.3779	.1068E-01	.2039E-02	0.0003	.1546E-06	.1573E-0
231	0.24	0.000	0.143	0.1971	0.0000	.0000E+00	.0000E+00	0.3448	.9749E-02	.1901E-02	0.0007	.3343E-06	.2197E-0

232	0.00	0.000	0.223	0.1599	0.0000	.0000E+00	.0000E+00	0.3145	.8892E-02	.1772E-02	0.0008	.3728E-06	.2318E-0
233	0.00	0.000	0.122	0.1396	0.0000	.0000E+00	.0000E+00	0.2867	.8108E-02	.1651E-02	0.0008	.4082E-06	.2423E-0
234	0.00	0.000	0.025	0.1354	0.0000	.0000E+00	.0000E+00	0.2614	.7390E-02	.1538E-02	0.0008	.4402E-06	.2514E-0
235	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.2381	.6733E-02	.1433E-02	0.0008	.4673E-06	.3243E-0
236	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2169	.6133E-02	.1334E-02	0.0009	.5044E-06	.2676E-0
237	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1975	.5584E-02	.1242E-02	0.0009	.5250E-06	.2730E-0
238	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1797	.5082E-02	.1156E-02	0.0009	.5424E-06	.2775E-0
239	1.87	0.308	0.132	0.3735	0.0000	.0000E+00	.0000E+00	0.1635	.4624E-02	.1075E-02	0.0009	.5566E-06	.2811E-0
240	0.00	0.000	0.181	0.3394	1.6921	.0000E+00	.2364E-01	0.1722	.4869E-02	.1118E-02	0.0009	.5228E-06	.2724E-0
241	0.00	0.000	0.176	0.3048	2.2991	.0000E+00	.3162E-01	0.2260	.6390E-02	.1376E-02	0.0004	.2094E-06	.1827E-0
242	0.00	0.000	0.232	0.2611	1.9135	.0000E+00	.3076E-01	0.2872	.8120E-02	.1653E-02	0.0008	.3546E-06	.2208E-0
243	0.00	0.000	0.195	0.2237	1.4785	.0000E+00	.2980E-01	0.3408	.9637E-02	.1884E-02	0.0007	.2775E-06	.1956E-0
244	0.00	0.000	0.217	0.1828	0.8823	.0000E+00	.2848E-01	0.3871	.1094E-01	.2077E-02	0.0006	.2228E-06	.1755E-0
245	0.00	0.000	0.188	0.1492	0.2897	.0000E+00	.1383E-01	0.4127	.1167E-01	.2182E-02	0.0005	.1918E-06	.2045E-0
246	0.04	0.000	0.122	0.1355	0.0000	.0000E+00	.0000E+00	0.3989	.1128E-01	.2126E-02	0.0006	.1996E-06	.1686E-0
247	0.00	0.000	0.002	0.1352	0.0000	.0000E+00	.0000E+00	0.3641	.1029E-01	.1982E-02	0.0006	.2372E-06	.1837E-0
248	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.3321	.9391E-02	.1847E-02	0.0007	.2734E-06	.1972E-0
249	0.35	0.000	0.082	0.1797	0.0000	.0000E+00	.0000E+00	0.3029	.8564E-02	.1722E-02	0.0003	.1541E-06	.1569E-0
250	0.00	0.000	0.155	0.1538	0.0000	.0000E+00	.0000E+00	0.2761	.7808E-02	.1604E-02	0.0007	.3270E-06	.2170E-0
251	0.00	0.000	0.091	0.1386	0.0000	.0000E+00	.0000E+00	0.2517	.7116E-02	.1494E-02	0.0007	.3569E-06	.2265E-0
252	0.00	0.000	0.016	0.1359	0.0000	.0000E+00	.0000E+00	0.2293	.6483E-02	.1392E-02	0.0008	.3841E-06	.2938E-0
253	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.2088	.5904E-02	.1296E-02	0.0008	.4181E-06	.2437E-0
254	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1901	.5374E-02	.1206E-02	0.0008	.4386E-06	.2496E-0
255	0.33	0.000	0.059	0.1801	0.0000	.0000E+00	.0000E+00	0.1730	.4891E-02	.1122E-02	0.0008	.4563E-06	.2545E-0
256	0.00	0.000	0.055	0.1709	0.0000	.0000E+00	.0000E+00	0.1573	.4449E-02	.1044E-02	0.0009	.4713E-06	.2587E-0
257	0.01	0.000	0.069	0.1611	0.0000	.0000E+00	.0000E+00	0.1431	.4045E-02	.9711E-03	0.0004	.2418E-06	.1969E-0
258	0.58	0.000	0.088	0.2431	0.0000	.0000E+00	.0000E+00	0.1300	.3676E-02	.9029E-03	0.0009	.4880E-06	.2640E-0
259	0.00	0.000	0.138	0.2200	0.0000	.0000E+00	.0000E+00	0.1181	.3340E-02	.8392E-03	0.0009	.4964E-06	.2662E-0
260	0.00	0.000	0.134	0.1977	0.0000	.0000E+00	.0000E+00	0.1073	.3033E-02	.7797E-03	0.0009	.5027E-06	.2679E-0
261	0.00	0.000	0.103	0.1806	0.0000	.0000E+00	.0000E+00	0.0974	.2753E-02	.7243E-03	0.0009	.5070E-06	.2689E-0
262	0.00	0.000	0.076	0.1679	0.0000	.0000E+00	.0000E+00	0.0883	.2498E-02	.6725E-03	0.0009	.5096E-06	.2696E-0
263	0.00	0.000	0.074	0.1555	0.0000	.0000E+00	.0000E+00	0.0801	.2265E-02	.6242E-03	0.0009	.5105E-06	.2698E-0
264	0.00	0.000	0.067	0.1443	0.0000	.0000E+00	.0000E+00	0.0726	.2053E-02	.5792E-03	0.0009	.5100E-06	.2696E-0
265	0.00	0.000	0.043	0.1372	0.0000	.0000E+00	.0000E+00	0.0658	.1859E-02	.5372E-03	0.0009	.5081E-06	.3358E-0
266	0.00	0.000	0.013	0.1350	0.0000	.0000E+00	.0000E+00	0.0595	.1683E-02	.4980E-03	0.0009	.5061E-06	.2680E-0
267	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0539	.1523E-02	.4616E-03	0.0009	.5017E-06	.2668E-0
268	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0487	.1378E-02	.4276E-03	0.0009	.4965E-06	.2654E-0
269	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0440	.1245E-02	.3959E-03	0.0009	.4905E-06	.2638E-0
270	1.30	0.095	0.069	0.3244	0.0000	.0000E+00	.0000E+00	0.0398	.1125E-02	.3664E-03	0.0004	.2441E-06	.1970E-0
271	0.00	0.000	0.099	0.3044	0.5049	.0000E+00	.2102E-01	0.0568	.1605E-02	.4775E-03	0.0008	.4466E-06	.2503E-0
272	0.00	0.000	0.111	0.2812	0.8239	.0000E+00	.2835E-01	0.1132	.3201E-02	.8105E-03	0.0008	.3514E-06	.2189E-0
273	0.61	0.000	0.107	0.3604	0.7296	.0000E+00	.2814E-01	0.1763	.4984E-02	.1138E-02	0.0006	.2492E-06	.1837E-0
274	0.11	0.000	0.126	0.3527	1.7776	.0000E+00	.3046E-01	0.2358	.6668E-02	.1421E-02	0.0005	.1737E-06	.1533E-0
275	0.00	0.000	0.081	0.3342	1.7783	.0000E+00	.3046E-01	0.2940	.8313E-02	.1683E-02	0.0004	.1194E-06	.1268E-0
276	0.00	0.000	0.085	0.3149	1.7149	.0000E+00	.3032E-01	0.3471	.9814E-02	.1911E-02	0.0004	.8106E-07	.1044E-0
277	0.00	0.000	0.102	0.2929	1.5428	.0000E+00	.2994E-01	0.3951	.1117E-01	.2110E-02	0.0003	.5488E-07	.1064E-0
278	0.00	0.000	0.064	0.2773	1.3699	.0000E+00	.2956E-01	0.4381	.1239E-01	.2284E-02	0.0002	.3147E-07	.6711E-0
279	0.00	0.000	0.068	0.2611	1.2078	.0000E+00	.2920E-01	0.4765	.1347E-01	.2436E-02	0.0002	.2151E-07	.5555E-0
280	0.00	0.000	0.067	0.2451	1.0366	.0000E+00	.2882E-01	0.5107	.1444E-01	.2569E-02	0.0001	.7132E-08	.3441E-0
281	0.00	0.000	0.053	0.2315	0.8942	.0000E+00	.2851E-01	0.5411	.1530E-01	.2686E-02	0.0001	.1264E-07	.4116E-0
282	0.00	0.000	0.062	0.2164	0.7550	.0000E+00	.2820E-01	0.5682	.1607E-01	.2788E-02	0.0001	.9406E-08	.3557E-0
283	0.00	0.000	0.080	0.1984	0.6154	.0000E+00	.2789E-01	0.5922	.1675E-01	.2878E-02	0.0001	.7412E-08	.3166E-0
284	0.00	0.000	0.086	0.1795	0.5475	.0000E+00	.2774E-01	0.6136	.1735E-01	.2958E-02	0.0001	.6572E-08	.3696E-0
285	0.00	0.000	0.076	0.1623	0.3275	.0000E+00	.2726E-01	0.6325	.1788E-01	.3027E-02	0.0001	.5334E-08	.2790E-0
286	0.06	0.000	0.071	0.1597	0.0169	.0000E+00	.4103E-02	0.6260	.1770E-01	.3003E-02	0.0001	.4204E-08	.2680E-0
287	0.00	0.000	0.069	0.1482	0.0000	.0000E+00	.0000E+00	0.5787	.1636E-01	.2828E-02	0.0002	.1902E-07	.5405E-0
288	0.00	0.000	0.073	0.1361	0.0000	.0000E+00	.0000E+00	0.5287	.1495E-01	.2638E-02	0.0002	.3995E-07	.7766E-0
289	0.00	0.000	0.005	0.1352	0.0000	.0000E+00	.0000E+00	0.4830	.1366E-01	.2461E-02	0.0003	.6753E-07	.1263E-0
290	0.42	0.000	0.048	0.1971	0.0000	.0000E+00	.0000E+00	0.4410	.1247E-01	.2296E-02	0.0004	.1088E-06	.1246E-0
291	0.11	0.000	0.062	0.2051	0.0000	.0000E+00	.0000E+00	0.4026	.1138E-01	.2141E-02	0.0005	.1420E-06	.1422E-0
292	0.00	0.000	0.051	0.1965	0.0000	.0000E+00	.0000E+00	0.3674	.1039E-01	.1996E-02	0.0005	.1755E-06	.1581E-0
293	0.00	0.000	0.069	0.1850	0.0000	.0000E+00	.0000E+00	0.3352	.9478E-02	.1861E-02	0.0003	.1042E-06	.1292E-0
294	0.34	0.000	0.074	0.2292	0.0000	.0000E+00	.0000E+00	0.3057	.8644E-02	.1734E-02	0.0006	.2286E-06	.2281E-0
295	0.00	0.000	0.057	0.2198	0.0000	.0000E+00	.0000E+00	0.2787	.7881E-02	.1616E-02	0.0006	.2709E-06	.1962E-0
296	0.04	0.000	0.061	0.2163	0.0000	.0000E+00	.0000E+00	0.2540	.7182E-02	.1505E-02	0.0007	.2991E-06	.2062E-0
297	0.00	0.000	0.055	0.2072	0.0000	.0000E+00	.0000E+00	0.2314	.6544E-02	.1402E-02	0.0007	.3251E-06	.2149E-0
298	0.00	0.000	0.063	0.1967	0.0000	.0000E+00	.0000E+00	0.2108	.5959E-02	.1305E-02	0.0007	.3487E-06	.2225E-0
299	0.00	0.000	0.055	0.1876	0.0000	.0000E+00	.0000E+00	0.1919	.5425E-02	.1215E-02	0.0008	.3697E-06	.2292E-0
300	0.00	0.000	0.051	0.1791	0.0000	.0000E+00	.0000E+00	0.1746	.4937E-02	.1131E-02	0.0008	.3883E-06	.2348E-0
301	0.00	0.000	0.052	0.1703	0.0000	.0000E+00	.0000E+00	0.1588	.4491E-02	.1052E-02	0.0008	.4045E-06	.2397E-0
302	0.00	0.000	0.065	0.1595	0.0000	.0000E+00	.0000E+00	0.1444	.4084E-02	.9782E-03	0.0008	.4183E-06	.2437E-0
303	0.00	0.000	0.071	0.1477	0.0000	.0000E+00	.0000E+00	0.1313	.3712E-02	.9095E-03	0.0008	.4299E-06	.2470E-0
304	0.18	0.000	0.071	0.1659	0.0000	.0000E+00	.0000E+00	0.1193	.3372E-02	.8454E-03	0.0008	.4393E-06	.2497E-0
305	0.00	0.000	0.071	0.1541	0.0000	.0000E+00	.0000E+00	0.1083	.3063E-02	.7855E-03	0.0008	.4467E-06	.2518E-0
306	0.00	0.000	0.041	0.1471	0.0000	.0000E+00	.0000E+00	0.0983	.2780E-02	.7297E-03	0.0004	.2280E-06	.1904E-0
307	0.00	0.000	0.032	0.1417	0.0000	.0000E+00	.0000E+00	0.0892	.2522E-02	.6775E-03	0.0008	.4530E-06	.2542E-0
308	0.00	0.000	0.028	0.1371	0.0000	.0000E+00	.0000E+00	0.0809	.2287E-02	.6289E-03	0.0008	.4558E-06	.2550E-0
309	0.00	0.000	0.009	0.1355	0.0000	.0000E+00	.0000E+00	0.0733	.2073E-02	.5836E-03	0.0008	.4573E-06	.2553E-0
310	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0664	.1878E-02	.5413E-03	0.0008	.4574E-06	.2553E-0
311	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0601	.1700E-02	.5018E-03	0.0008	.4563E-06	.2550E-0
312	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0544	.1539E-02	.4651E-03	0.0008	.4542E-06	.2544E-0
313	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0492	.1392E-02	.4309E-03	0.0008	.4512E-06	.2535E-0
314	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0445	.1258E-02	.3990E-03	0.0008	.4473E-06	.2524E-0
315	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0402	.1136E-02	.3693E-03	0.0008	.4427E-06	.2510E-0
316	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0363	.1026E-02	.3417E-03	0.0008	.4375E-06	.2495E-0
317	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0327	.9257E-03	.3160E-03	0.0008	.4318E-06	.2479E-0
318	0.30	0.000	0.032	0.1796	0.0000	.0000E+00	.0000E+00	0.0295	.8347E-03	.2920E-03	0.0008	.4255E-06	.3071E-0
319	0.63	0.000	0.039	0.2781	0.0000	.0000E+00	.0000E+00	0.0266	.7521E-03	.2698E-03	0.0008	.4182E-06	.2436E-0
320	1.45	0.294	0.065	0.4574	0.8667	.0000E+00	.1518E-01	0.0390	.1103E-02	.3586E-03	0.0008	.3754E-06	.2308E-0
321	0.00	0.000	0.044	0.4439	4.6008	.0000E+00	.3670E-01	0.0960	.2714E-02	.7118E-03	0.0006	.2610E-06	.1925E-0
322	0.00	0.000	0.041	0.4310	4.3839	.0000E+00	.3622E-01	0.1820	.5145E-02	.1165E-02	0.0005	.1495E-06	.1458E-0
323	0.00	0.000	0.038	0.4188	4.1113	.0000E+00	.3562E-01	0.2591	.7327E-02	.1527E-02	0.0004	.8454E-07	.1097E-0
324	0.00	0.000	0.037	0.4068	3.8641	.0000E+00	.3508E-01	0.3282	.9280E-02	.1830E-02	0.0003	.4574E-07	.8078E-0
325	0.00	0.000	0.044	0.3938	3.6441	.0000E+00	.3459E-01	0.3901	.1103E-01	.2089E-02	0.0002	.2294E-07	.5729E-0
326	0.00	0.000	0.046	0.3805	3.4185	.0000E+00	.3409E-01	0.4454	.1259E-01	.2313E-02	0.0001	.4824E-08	.2830E-0
327	0.00	0.000	0.042	0.3679	3.1953	.0000E+00	.3360E-01	0.4949	.1399E-01	.2507E-02	0.0001	.6011E-08	.2659E-0

328		0.03	0.000	0.058	0.3577	2.9804	.0000E+00	.3312E-01	0.5389	.1524E-01	.2677E-02	0.0001	.1798E-08	.1359E-0
329		0.00	0.000	0.058	0.3426	2.8240	.0000E+00	.3278E-01	0.5781	.1635E-01	.2825E-02	0.0000	.2758E-09	.3668E-0
330		0.00	0.000	0.046	0.3295	2.6624	.0000E+00	.3242E-01	0.6132	.1734E-01	.2956E-02	0.0000	.1799E-10	.7998E-0
331		0.00	0.000	0.038	0.3177	2.4778	.0000E+00	.3201E-01	0.6443	.1822E-01	.3071E-02	0.0000	.0000E+00	.0000E+0
332		0.71	0.006	0.047	0.4218	2.4313	.0000E+00	.3191E-01	0.6721	.1900E-01	.3172E-02	0.0000	.0000E+00	.0000E+0
333	*	0.00	0.000	0.027	0.4116	3.6168	.0000E+00	.3453E-01	0.7001	.1979E-01	.3273E-02	0.0000	.0000E+00	.0000E+0
334	*	0.00	0.000	0.028	0.4011	3.5563	.0000E+00	.3439E-01	0.7298	.2063E-01	.3380E-02	0.0000	.0000E+00	.0000E+0
335		0.00	0.000	0.036	0.3895	3.3514	.0000E+00	.3394E-01	0.7563	.2139E-01	.3474E-02	0.0000	.0000E+00	.0000E+0
336		0.01	0.000	0.037	0.3793	3.1597	.0000E+00	.3352E-01	0.7796	.2204E-01	.3556E-02	0.0000	.0000E+00	.0000E+0
337	*	0.22	0.000	0.030	0.3771	3.0047	.0000E+00	.3318E-01	0.7998	.2262E-01	.3627E-02	0.0000	.0000E+00	.0000E+0
338	*	0.24	0.000	0.000	0.3749	2.8524	.0000E+00	.3284E-01	0.8175	.2312E-01	.3689E-02	0.0000	.0000E+00	.0000E+0
339	*	0.88	0.000	0.033	0.3727	2.7016	.0000E+00	.3251E-01	0.8329	.2355E-01	.3742E-02	0.0000	.0000E+00	.0000E+0
340		0.00	0.000	0.037	0.3706	2.6237	.0000E+00	.3233E-01	0.8463	.2393E-01	.3789E-02	0.0000	.0000E+00	.0000E+0
341	*	0.62	0.000	0.031	0.3686	2.5368	.0000E+00	.3214E-01	0.8581	.2426E-01	.3829E-02	0.0000	.0000E+00	.0000E+0
342	*	0.00	0.000	0.032	0.3666	2.4094	.0000E+00	.3186E-01	0.8684	.2455E-01	.3865E-02	0.0000	.1647E-10	.1444E-0
343	*	0.04	0.000	0.031	0.3646	2.3093	.0000E+00	.3164E-01	0.8771	.2480E-01	.3895E-02	0.0000	.3781E-09	.7542E-0
344	*	0.00	0.000	0.035	0.3626	2.2419	.0000E+00	.3149E-01	0.8846	.2501E-01	.3920E-02	0.0000	.1545E-08	.1526E-0
345	*	0.00	0.000	0.032	0.3607	2.1856	.0000E+00	.3136E-01	0.8912	.2520E-01	.3943E-02	0.0001	.3680E-08	.2339E-0
346		0.00	0.000	0.038	0.3588	2.0692	.0000E+00	.3111E-01	0.8967	.2535E-01	.3962E-02	0.0001	.6916E-08	.3192E-0
347		0.00	0.002	0.000	0.4457	2.8797	.0000E+00	.3290E-01	0.9031	.2554E-01	.3984E-02	0.0001	.1102E-07	.4017E-0
348	*	0.00	0.000	0.036	0.4429	4.4192	.0000E+00	.3630E-01	0.9153	.2588E-01	.4025E-02	0.0001	.1487E-07	.4659E-0
349	*	0.19	0.000	0.034	0.4402	4.3831	.0000E+00	.3622E-01	0.9319	.2635E-01	.4081E-02	0.0001	.9155E-08	.3777E-0
350	*	0.00	0.000	0.031	0.4375	4.3086	.0000E+00	.3606E-01	0.9468	.2677E-01	.4132E-02	0.0002	.2211E-07	.5614E-0
351		0.00	0.000	0.019	0.4617	4.4562	.0000E+00	.3638E-01	0.9606	.2716E-01	.4178E-02	0.0002	.2737E-07	.6251E-0
352	*	0.00	0.000	0.035	0.4588	4.8691	.0000E+00	.3730E-01	0.9746	.2756E-01	.4225E-02	0.0002	.3345E-07	.6910E-0
353	*	0.00	0.000	0.032	0.4559	4.8190	.0000E+00	.3719E-01	0.9889	.2796E-01	.4273E-02	0.0002	.4025E-07	.9624E-0
354		0.00	0.000	0.036	0.4550	4.7412	.0000E+00	.3701E-01	1.0016	.2832E-01	.4315E-02	0.0003	.4981E-07	.8486E-0
355		0.00	0.238	0.000	0.5010	5.4333	.0000E+00	.3854E-01	1.0145	.2869E-01	.4358E-02	0.0003	.5902E-07	.9232E-0
356		0.00	0.004	0.044	0.4944	5.9313	.0000E+00	.3965E-01	1.0299	.2912E-01	.4409E-02	0.0002	.3196E-07	.7321E-0
357		0.00	0.000	0.033	0.4824	5.6979	.0000E+00	.3913E-01	1.0453	.2956E-01	.4460E-02	0.0003	.7634E-07	.1043E-0
358	*	0.00	0.000	0.030	0.4711	5.3859	.0000E+00	.3844E-01	1.0580	.2991E-01	.4502E-02	0.0004	.8798E-07	.1121E-0
359	*	0.00	0.000	0.000	0.4648	5.1316	.0000E+00	.3788E-01	1.0679	.3019E-01	.4534E-02	0.0004	.1021E-06	.1209E-0
360	*	0.00	0.000	0.000	0.4585	4.9577	.0000E+00	.3749E-01	1.0757	.3042E-01	.4560E-02	0.0004	.1187E-06	.1647E-0
361	* *	0.15	0.000	0.020	0.4534	1.9055	.0000E+00	.3075E-01	1.0756	.3041E-01	.4560E-02	0.0005	.1462E-06	.1449E-0
362	* *	0.05	0.000	0.020	0.4487	0.8093	.0000E+00	.2832E-01	1.0621	.3003E-01	.4515E-02	0.0005	.1807E-06	.1610E-0
363	* *	0.34	0.000	0.018	0.4440	0.6793	.0000E+00	.2803E-01	1.0456	.2957E-01	.4461E-02	0.0006	.2198E-06	.1775E-0
364	* *	0.00	0.000	0.025	0.4394	0.5506	.0000E+00	.2775E-01	1.0298	.2912E-01	.4409E-02	0.0006	.2604E-06	.1931E-0
365	* *	0.00	0.000	0.035	0.4348	0.4232	.0000E+00	.2747E-01	1.0144	.2868E-01	.4358E-02	0.0003	.1510E-06	.1550E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 9

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	3.64	3.37	8.53	4.79	6.24	1.68
	5.42	5.39	3.22	1.26	3.12	2.74
RUNOFF	4.300	1.889	8.016	0.975	1.527	0.001
	0.398	0.317	0.095	0.000	0.300	0.245
EVAPOTRANSPIRATION	0.668	0.853	1.402	3.441	5.166	1.335
	4.241	4.841	2.185	2.075	0.916	0.821
PERCOLATION/LEAKAGE THROUGH	0.0939	0.0214	0.4529	0.7316	0.8537	0.0000
LAYER 2	0.4435	0.3804	0.1198	0.3525	0.4922	1.0507
LATERAL DRAINAGE COLLECTED	0.2752	0.0406	0.1725	0.6712	0.7385	0.1611
FROM LAYER 3	0.1635	0.4273	0.1464	0.3282	0.2149	0.8271
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0533	0.0122	0.0352	0.1075	0.1168	0.0343
LAYER 4	0.0314	0.0752	0.0323	0.0617	0.0412	0.1276
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1436	0.0869	0.0412	0.0185	0.0664	0.1226
LAYER 7	0.0613	0.0437	0.0715	0.0417	0.0467	0.0207

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.002	0.000	1.305	2.330	2.585	0.000
TOP OF LAYER 2	1.148	0.615	0.108	0.438	1.621	3.330
STD. DEVIATION OF DAILY	0.002	0.001	2.092	1.959	2.156	0.000
HEAD ON TOP OF LAYER 2	1.525	0.796	0.261	0.639	1.772	1.609
AVERAGE DAILY HEAD ON	0.314	0.051	0.197	0.791	0.842	0.190
TOP OF LAYER 4	0.187	0.488	0.173	0.374	0.253	0.944
STD. DEVIATION OF DAILY	0.190	0.023	0.195	0.170	0.125	0.148
HEAD ON TOP OF LAYER 4	0.240	0.236	0.118	0.165	0.252	0.096

AVERAGE DAILY HEAD ON	0.001	0.001	0.000	0.000	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.001	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 9

	INCHES	CU. FEET	PERCENT
PRECIPITATION	49.40	448305.000	100.00
RUNOFF	18.062	163917.187	36.56
EVAPOTRANSPIRATION	27.944	253588.422	56.57
PERC./LEAKAGE THROUGH LAYER 2	4.992588	45307.730	10.11
AVG. HEAD ON TOP OF LAYER 2	1.1235		
DRAINAGE COLLECTED FROM LAYER 3	4.1665	37811.023	8.43
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.728824	6614.080	1.48
AVG. HEAD ON TOP OF LAYER 4	0.4003		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.446	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.764757	6940.167	1.55
AVG. HEAD ON TOP OF LAYER 7	0.0007		
CHANGE IN WATER STORAGE	-1.538	-13953.193	-3.11
SOIL WATER AT START OF YEAR	285.624	2592038.000	
SOIL WATER AT END OF YEAR	285.505	2590955.750	
SNOW WATER AT START OF YEAR	1.840	16697.238	3.72
SNOW WATER AT END OF YEAR	0.422	3826.353	0.85
ANNUAL WATER BUDGET BALANCE	0.0000	-0.044	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 10

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1		*	0.00	0.000	0.041	0.4303	0.2971	.0000E+00	.2719E-01	0.9996	.2827E-01	.4309E-02	0.0007	.3315E-06	.2183E-0
2	*	*	0.00	0.000	0.034	0.4258	0.1723	.0000E+00	.2691E-01	0.9853	.2786E-01	.4261E-02	0.0008	.3736E-06	.2316E-0
3	*	*	0.00	0.000	0.029	0.4224	0.0487	.0000E+00	.2058E-01	0.9655	.2730E-01	.4194E-02	0.0008	.4196E-06	.2456E-0
4	*	*	0.00	0.000	0.034	0.4224	0.0000	.0000E+00	.0000E+00	0.9166	.2592E-01	.4029E-02	0.0009	.4901E-06	.2664E-0
5	*	*	0.00	0.000	0.028	0.4224	0.0000	.0000E+00	.0000E+00	0.8387	.2371E-01	.3762E-02	0.0010	.5997E-06	.2955E-0
6	*	*	0.00	0.000	0.035	0.4224	0.0000	.0000E+00	.0000E+00	0.7671	.2169E-01	.3512E-02	0.0010	.7215E-06	.3234E-0
7		*	0.00	0.079	0.025	0.4391	0.0000	.0000E+00	.0000E+00	0.7015	.1984E-01	.3279E-02	0.0011	.8359E-06	.3476E-0
8		*	0.00	0.000	0.015	0.4391	0.0000	.0000E+00	.0000E+00	0.6414	.1813E-01	.3060E-02	0.0012	.9407E-06	.3683E-0
9		*	0.46	0.350	0.010	0.4557	0.0000	.0000E+00	.0000E+00	0.5862	.1657E-01	.2856E-02	0.0013	.1034E-05	.3858E-0
10		*	0.41	0.355	0.010	0.4631	0.0000	.0000E+00	.0000E+00	0.5356	.1514E-01	.2665E-02	0.0013	.1116E-05	.4004E-0
11		*	0.11	0.090	0.010	0.4648	0.0000	.0000E+00	.0000E+00	0.4893	.1383E-01	.2486E-02	0.0013	.1186E-05	.4125E-0
12		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.4468	.1263E-01	.2319E-02	0.0014	.1244E-05	.4222E-0
13		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.4079	.1153E-01	.2162E-02	0.0014	.1291E-05	.4299E-0
14	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3723	.1053E-01	.2016E-02	0.0014	.1328E-05	.4357E-0
15	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3396	.9603E-02	.1879E-02	0.0014	.1354E-05	.4399E-0
16	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3098	.8759E-02	.1752E-02	0.0014	.1364E-05	.5525E-0

17		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2824	.7986E-02	.1632E-02	0.0015	.1393E-05	.4444E-0
18		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2574	.7279E-02	.1520E-02	0.0015	.1394E-05	.4445E-0
19	*	*	0.11	0.000	0.042	0.4648	0.0000	.0000E+00	.0000E+00	0.2345	.6632E-02	.1416E-02	0.0015	.1389E-05	.4437E-0
20	*	*	0.39	0.000	0.023	0.4648	0.0000	.0000E+00	.0000E+00	0.2136	.6040E-02	.1319E-02	0.0015	.1378E-05	.4420E-0
21	*	*	0.38	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1945	.5499E-02	.1227E-02	0.0015	.1363E-05	.4396E-0
22	*	*	0.00	0.000	0.038	0.4648	0.0000	.0000E+00	.0000E+00	0.1770	.5004E-02	.1142E-02	0.0014	.1345E-05	.4366E-0
23		*	0.00	0.016	0.042	0.4648	0.0000	.0000E+00	.0000E+00	0.1610	.4553E-02	.1063E-02	0.0014	.1323E-05	.4331E-0
24	*	*	0.00	0.000	0.040	0.4648	0.0000	.0000E+00	.0000E+00	0.1464	.4140E-02	.9884E-03	0.0014	.1299E-05	.4291E-0
25	*	*	0.00	0.000	0.041	0.4648	0.0000	.0000E+00	.0000E+00	0.1331	.3763E-02	.9191E-03	0.0007	.6363E-06	.3196E-0
26		*	0.00	0.582	0.000	0.4654	0.0041	.0000E+00	.1061E-01	0.1315	.3717E-02	.9104E-03	0.0014	.1219E-05	.5198E-0
27		*	0.47	0.497	0.000	0.4654	0.0049	.0000E+00	.1441E-01	0.1508	.4263E-02	.1011E-02	0.0013	.1098E-05	.3945E-0
28		*	0.00	0.000	0.000	0.4648	0.0041	.0000E+00	.3580E-02	0.1638	.4630E-02	.1077E-02	0.0013	.1012E-05	.3788E-0
29		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1547	.4374E-02	.1031E-02	0.0012	.9904E-06	.3748E-0
30		*	0.34	0.326	0.009	0.4648	0.0033	.0000E+00	.5645E-02	0.1462	.4135E-02	.9876E-03	0.0012	.9683E-06	.3706E-0
31		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1420	.4015E-02	.9656E-03	0.0012	.9366E-06	.3645E-0
32		*	0.61	0.596	0.009	0.4648	0.0034	.0000E+00	.5938E-02	0.1349	.3816E-02	.9289E-03	0.0012	.9139E-06	.3600E-0
33		*	0.20	0.186	0.008	0.4648	0.0032	.0000E+00	.5469E-02	0.1376	.3890E-02	.9427E-03	0.0012	.8677E-06	.3508E-0
34		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1338	.3783E-02	.9228E-03	0.0011	.8407E-06	.3453E-0
35	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1216	.3438E-02	.8578E-03	0.0011	.8363E-06	.3444E-0
36		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1104	.3122E-02	.7971E-03	0.0011	.8296E-06	.3430E-0
37		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1002	.2834E-02	.7405E-03	0.0011	.8209E-06	.3412E-0
38	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0909	.2572E-02	.6876E-03	0.0011	.8106E-06	.3391E-0
39	*	*	0.13	0.000	0.042	0.4648	0.0000	.0000E+00	.0000E+00	0.0825	.2332E-02	.6383E-03	0.0011	.7988E-06	.3366E-0
40	*	*	0.28	0.000	0.033	0.4648	0.0000	.0000E+00	.0000E+00	0.0748	.2114E-02	.5923E-03	0.0011	.7859E-06	.3339E-0
41		*	0.00	0.000	0.041	0.4648	0.0000	.0000E+00	.0000E+00	0.0677	.1915E-02	.5494E-03	0.0005	.3859E-06	.2489E-0
42	*	*	0.01	0.000	0.033	0.4648	0.0000	.0000E+00	.0000E+00	0.0613	.1734E-02	.5095E-03	0.0011	.7544E-06	.4098E-0
43	*	*	0.15	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0555	.1570E-02	.4722E-03	0.0011	.7418E-06	.3244E-0
44		*	0.41	0.495	0.000	0.4654	0.0048	.0000E+00	.1083E-01	0.0610	.1724E-02	.5066E-03	0.0010	.6957E-06	.3141E-0
45	*	*	0.06	0.000	0.038	0.4648	0.0042	.0000E+00	.3610E-02	0.0761	.2152E-02	.6005E-03	0.0005	.3141E-06	.2245E-0
46	*	*	0.10	0.000	0.034	0.4648	0.0000	.0000E+00	.0000E+00	0.0748	.2114E-02	.5923E-03	0.0010	.6123E-06	.2948E-0
47	*	*	0.13	0.000	0.038	0.4648	0.0000	.0000E+00	.0000E+00	0.0677	.1915E-02	.5494E-03	0.0010	.6011E-06	.2926E-0
48		*	0.00	0.000	0.042	0.4648	0.0000	.0000E+00	.0000E+00	0.0613	.1734E-02	.5094E-03	0.0010	.5948E-06	.3631E-0
49		*	0.00	0.439	0.021	0.4648	0.0000	.0000E+00	.0000E+00	0.0555	.1570E-02	.4722E-03	0.0010	.5874E-06	.2887E-0
50		*	0.63	0.616	0.008	0.4648	0.0039	.0000E+00	.6781E-02	0.0569	.1610E-02	.4813E-03	0.0009	.5617E-06	.2823E-0
51	*	*	0.12	0.000	0.054	0.4648	0.0000	.0000E+00	.0000E+00	0.0624	.1764E-02	.5161E-03	0.0009	.5278E-06	.2737E-0
52	*	*	0.71	0.000	0.034	0.4648	0.0000	.0000E+00	.0000E+00	0.0565	.1597E-02	.4783E-03	0.0009	.5230E-06	.2724E-0
53	*	*	0.00	0.000	0.038	0.4648	0.0000	.0000E+00	.0000E+00	0.0511	.1444E-02	.4432E-03	0.0004	.2587E-06	.2037E-0
54	*	*	0.00	0.000	0.035	0.4648	0.0000	.0000E+00	.0000E+00	0.0462	.1306E-02	.4105E-03	0.0009	.5110E-06	.2697E-0
55		*	0.00	0.402	0.000	0.4654	0.0048	.0000E+00	.1078E-01	0.0524	.1482E-02	.4514E-03	0.0009	.4879E-06	.2626E-0
56		*	0.00	0.193	0.061	0.4648	0.0041	.0000E+00	.3594E-02	0.0683	.1930E-02	.5527E-03	0.0008	.4433E-06	.2495E-0
57		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0676	.1911E-02	.5484E-03	0.0008	.4170E-06	.2433E-0
58		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0612	.1730E-02	.5085E-03	0.0008	.4126E-06	.3028E-0
59		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0554	.1566E-02	.4713E-03	0.0008	.4135E-06	.2423E-0
60		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0501	.1416E-02	.4367E-03	0.0008	.4118E-06	.2418E-0
61		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0453	.1280E-02	.4044E-03	0.0008	.4092E-06	.2410E-0
62		*	0.75	0.735	0.007	0.4648	0.0043	.0000E+00	.7431E-02	0.0483	.1365E-02	.4244E-03	0.0008	.3895E-06	.2351E-0
63	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0556	.1571E-02	.4724E-03	0.0004	.1824E-06	.1704E-0
64		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0502	.1421E-02	.4377E-03	0.0007	.3606E-06	.2267E-0
65			0.00	0.000	0.068	0.4488	3.7058	.0000E+00	.2809E-01	0.0733	.2073E-02	.5798E-03	0.0007	.3268E-06	.2136E-0
66			1.12	0.689	0.079	0.5010	5.5167	.0000E+00	.3873E-01	0.1499	.4240E-02	.1004E-02	0.0006	.2323E-06	.1758E-0
67			0.00	0.000	0.087	0.4799	5.7832	.0000E+00	.3932E-01	0.2376	.6717E-02	.1429E-02	0.0005	.1349E-06	.1325E-0
68			0.00	0.000	0.085	0.4594	5.2331	.0000E+00	.3810E-01	0.3174	.8976E-02	.1784E-02	0.0003	.7166E-07	.9597E-0
69			0.00	0.000	0.099	0.4367	4.7353	.0000E+00	.3700E-01	0.3875	.1096E-01	.2079E-02	0.0002	.3553E-07	.6699E-0
70			0.00	0.000	0.096	0.4146	4.3033	.0000E+00	.3605E-01	0.4489	.1269E-01	.2327E-02	0.0002	.1612E-07	.5410E-0
71			0.00	0.000	0.106	0.3911	3.8940	.0000E+00	.3514E-01	0.5027	.1421E-01	.2538E-02	0.0001	.3253E-08	.2177E-0
72			1.51	0.731	0.083	0.5010	4.6763	.0000E+00	.3687E-01	0.5523	.1562E-01	.2728E-02	0.0000	.3886E-09	.7654E-0
73			0.30	0.293	0.081	0.4820	5.8046	.0000E+00	.3937E-01	0.6030	.1705E-01	.2918E-02	0.0000	.0000E+00	.0000E+0
74			0.00	0.000	0.110	0.4574	5.2495	.0000E+00	.3814E-01	0.6522	.1844E-01	.3100E-02	0.0000	.0000E+00	.0000E+0
75			0.23	0.000	0.086	0.4752	4.9411	.0000E+00	.3746E-01	0.6948	.1964E-01	.3254E-02	0.0000	.0000E+00	.0000E+0
76			0.00	0.000	0.108	0.4509	5.1101	.0000E+00	.3783E-01	0.7330	.2073E-01	.3391E-02	0.0000	.0000E+00	.0000E+0
77			0.00	0.000	0.134	0.4225	4.5704	.0000E+00	.3664E-01	0.7675	.2170E-01	.3514E-02	0.0000	.0000E+00	.0000E+0
78			0.00	0.000	0.106	0.3988	4.0763	.0000E+00	.3554E-01	0.7962	.2251E-01	.3614E-02	0.0000	.0000E+00	.0000E+0
79			0.00	0.000	0.128	0.3716	3.7052	.0000E+00	.3472E-01	0.8199	.2318E-01	.3697E-02	0.0000	.0000E+00	.0000E+0
80			0.18	0.000	0.102	0.3790	3.3710	.0000E+00	.3399E-01	0.8396	.2374E-01	.3765E-02	0.0000	.0000E+00	.0000E+0
81			0.00	0.000	0.128	0.3521	3.0559	.0000E+00	.3329E-01	0.8558	.2420E-01	.3821E-02	0.0000	.0000E+00	.0000E+0
82			0.00	0.000	0.137	0.3238	2.7724	.0000E+00	.3266E-01	0.8689	.2457E-01	.3866E-02	0.0000	.0000E+00	.0000E+0
83			0.00	0.000	0.134	0.2961	2.5115	.0000E+00	.3208E-01	0.8793	.2486E-01	.3902E-02	0.0000	.0000E+00	.0000E+0
84			0.00	0.000	0.103	0.2738	2.1435	.0000E+00	.3127E-01	0.8871	.2508E-01	.3929E-02	0.0000	.0000E+00	.0000E+0
85			0.00	0.000	0.101	0.2519	1.8395	.0000E+00	.3060E-01	0.8923	.2523E-01	.3947E-02	0.0000	.0000E+00	.0000E+0
86			0.51	0.000	0.107	0.3141	1.6276	.0000E+00	.3013E-01	0.8956	.2532E-01	.3958E-02	0.0000	.1810E-10	.1512E-0
87			0.60	0.005	0.095	0.3925	1.6403	.0000E+00	.3016E-01	0.8978	.2539E-01	.3965E-02	0.0000	.6854E-09	.1020E-0
88			0.13	0.000	0.094	0.3931	2.8096	.0000E+00	.3274E-01	0.9025	.2552E-01	.3981E-02	0.0001	.2463E-08	.1920E-0
89			0.19	0.000	0.075	0.4069	2.8359	.0000E+00	.3280E-01	0.9110	.2576E-01	.4010E-02	0.0001	.4911E-08	.2697E-0
90			1.27	0.574	0.094	0.5010	4.7255	.0000E+00	.3698E-01	0.9230	.2610E-01	.4051E-02	0.0001	.7701E-08	.3367E-0
91			0.01	0.005	0.118	0.4756	5.7438	.0000E+00	.3923E-01	0.9431	.2667E-01	.4119E-02	0.0001	.9796E-08	.3793E-0
92			1.02	0.731	0.097	0.5010	5.7459	.0000E+00	.3924E-01	0.9651	.2729E-01	.4193E-02	0.0001	.1197E-07	.4188E-0
93			0.00	0.000	0.128	0.4731	5.7193	.0000E+00	.3918E-01	0.9852	.2786E-01	.4260E-02	0.0001	.1499E-07	.4683E-0
94			0.00	0.000	0.113	0.4479	5.0312	.0000E+00	.3766E-01	1.0021	.2833E-01	.4317E-02	0.0002	.1937E-07	.5316E-0
95			0.00	0.000	0.118	0.4221	4.5181	.0000E+00	.3652E-01	1.0140	.2867E-01	.4356E-02	0.0002	.2586E-07	.6135E-0
96			0.00	0.000	0.094	0.4005	4.0642	.0000E+00	.3552E-01	1.0221	.2890E-01	.4383E-02	0.0002	.3463E-07	.7088E-0
97			0.00	0.000	0.105	0.3772	3.7275	.0000E+00	.3477E-01	1.0272	.2904E-01	.4400E-02	0.0003	.4580E-07	.8142E-0
98			0.00	0.000	0.137	0.3487	3.3904	.0000E+00	.3403E-01	1.0299	.2912E-01	.4409E-02	0.0002	.2969E-07	.6836E-0
99			0.00	0.000	0.173	0.3143	2.9298	.0000E+00	.3301E-01	1.0302	.2913E-01	.4410E-02	0.0003	.7158E-07	.1016E-0
100			0.00	0.000	0.133	0.2869	2.4935	.0000E+00	.3204E-01	1.0278	.2906E-01	.4402E-02	0.0004	.9010E-07	.1140E-0
101			0.63	0.000	0.148	0.3620	2.0154	.0000E+00	.3099E-01	1.0231	.2893E-01	.4386E-02	0.0004	.1117E-06	.1269E-0
102			0.04	0.000	0.132	0.3415	1.8132	.0000E+00	.3054E-01	1.0166	.2874E-01	.4365E-02	0.0005	.1391E-06	.1771E-0
103			0.00	0.000	0.177	0.3070	1.7143	.0000E+00	.3032E-01	1.0097	.2855E-01	.4342E-02	0.0005	.1707E-06	.1565E-0
104			0.06	0.000	0.159	0.2854	1.5777	.0000E+00	.3002E-01	1.0027	.2835E-01	.4319E-02	0.0006	.1996E-06	.1691E-0
105			0.02	0.000	0.117	0.2644	1.3838	.0000E+00	.2959E-01	0.9954	.2814E-01	.4294E-02	0.0006	.2300E-06	.1815E-0
106			0.59	0.000	0.126	0.3368	1.2326	.0000E+00	.2926E-01	0.9876	.2793E-01	.4268E-02	0.0006	.2617E-06	.1935E-0
107			0.06	0.000	0.116	0.3226	1.0344	.0000E+00	.2882E-01	0.9795	.2770E-01	.4241E-02	0.0007	.2945E-06	.2052E-0
108			0.25	0.000	0.111	0.3410	1.0611	.0000E+00	.2888E-01	0.9715	.2747E-01	.4214E-02	0.0007	.3279E-06	.2165E-0
109			0.00	0.000	0.174	0.3071	1.3243	.0000E+00	.2946E-01	0.9647	.2728E-01	.4192E-02	0.0007	.3601E-06	.2268E-0
110			0.00	0.000	0.184	0.2715	1.3110	.0000E+00	.2943E-01	0.9595	.2713E-01	.4174E-02	0.0008	.3910E-06	.2363E-0
111			0.00	0.000	0.201	0.2333	1.0936	.0000E+00	.2895E-01	0.9541	.2698E-01	.4156E-02	0.0004	.2109E-06	.1834E-0
112			0.00	0.000	0.202	0.1949	0.9045	.0000E+00	.2853E-01	0.9480	.2681E-01	.4136E-02	0.0008	.4446E-06	.2522E-0

113	0.00	0.000	0.200	0.1581	0.4718	.0000E+00	.2086E-01	0.9341	.2641E-01	.4089E-02	0.0009	.4818E-06	.2627E-0
114	0.00	0.000	0.138	0.1350	0.0000	.0000E+00	.0000E+00	0.8883	.2512E-01	.3933E-02	0.0009	.5477E-06	.2813E-0
115	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.8127	.2298E-01	.3672E-02	0.0010	.6558E-06	.3087E-0
116	0.04	0.000	0.011	0.1399	0.0000	.0000E+00	.0000E+00	0.7433	.2102E-01	.3428E-02	0.0011	.7759E-06	.3352E-0
117	0.00	0.000	0.012	0.1378	0.0000	.0000E+00	.0000E+00	0.6797	.1922E-01	.3200E-02	0.0012	.8875E-06	.3580E-0
118	0.00	0.000	0.012	0.1359	0.0000	.0000E+00	.0000E+00	0.6213	.1757E-01	.2986E-02	0.0012	.9885E-06	.3774E-0
119	0.39	0.000	0.026	0.1966	0.0000	.0000E+00	.0000E+00	0.5678	.1606E-01	.2787E-02	0.0013	.1078E-05	.3937E-0
120	0.00	0.000	0.028	0.1920	0.0000	.0000E+00	.0000E+00	0.5188	.1467E-01	.2600E-02	0.0013	.1155E-05	.4073E-0
121	0.00	0.000	0.033	0.1865	0.0000	.0000E+00	.0000E+00	0.4738	.1340E-01	.2425E-02	0.0014	.1221E-05	.4184E-0
122	0.25	0.000	0.038	0.2218	0.0000	.0000E+00	.0000E+00	0.4327	.1223E-01	.2262E-02	0.0014	.1275E-05	.4273E-0
123	0.40	0.000	0.036	0.2824	0.0000	.0000E+00	.0000E+00	0.3950	.1117E-01	.2109E-02	0.0014	.1317E-05	.4342E-0
124	0.00	0.000	0.175	0.2533	0.0000	.0000E+00	.0000E+00	0.3604	.1019E-01	.1967E-02	0.0014	.1342E-05	.5485E-0
125	0.17	0.000	0.136	0.2589	0.0000	.0000E+00	.0000E+00	0.3288	.9296E-02	.1833E-02	0.0015	.1388E-05	.4436E-0
126	0.00	0.000	0.165	0.2314	0.0000	.0000E+00	.0000E+00	0.2998	.8478E-02	.1708E-02	0.0015	.1400E-05	.4455E-0
127	0.00	0.000	0.169	0.2032	0.0000	.0000E+00	.0000E+00	0.2733	.7729E-02	.1592E-02	0.0015	.1404E-05	.4461E-0
128	0.00	0.000	0.086	0.1888	0.0000	.0000E+00	.0000E+00	0.2491	.7043E-02	.1483E-02	0.0015	.1402E-05	.4458E-0
129	0.00	0.000	0.067	0.1777	0.0000	.0000E+00	.0000E+00	0.2269	.6416E-02	.1381E-02	0.0007	.6971E-06	.3345E-0
130	1.28	0.091	0.062	0.3655	0.0000	.0000E+00	.0000E+00	0.2067	.5843E-02	.1286E-02	0.0015	.1378E-05	.4431E-0
131	0.07	0.000	0.188	0.3408	1.6646	.0000E+00	.3021E-01	0.2181	.6168E-02	.1339E-02	0.0014	.1309E-05	.4302E-0
132	2.00	0.862	0.143	0.5010	3.5347	.0000E+00	.3435E-01	0.2813	.7953E-02	.1626E-02	0.0013	.1135E-05	.4937E-0
133	0.00	0.000	0.199	0.4614	5.6030	.0000E+00	.3892E-01	0.3502	.9903E-02	.1924E-02	0.0012	.8710E-06	.3516E-0
134	0.86	0.439	0.144	0.5010	5.5312	.0000E+00	.3876E-01	0.4206	.1189E-01	.2213E-02	0.0005	.3583E-06	.2390E-0
135	0.23	0.225	0.201	0.4618	5.6074	.0000E+00	.3893E-01	0.4849	.1371E-01	.2469E-02	0.0010	.6347E-06	.2970E-0
136	0.17	0.000	0.216	0.4479	4.7547	.0000E+00	.3704E-01	0.5422	.1533E-01	.2690E-02	0.0009	.5348E-06	.2729E-0
137	0.61	0.077	0.220	0.4940	4.9565	.0000E+00	.3749E-01	0.5922	.1674E-01	.2878E-02	0.0009	.4608E-06	.2536E-0
138	0.16	0.014	0.211	0.4767	5.6051	.0000E+00	.3892E-01	0.6401	.1810E-01	.3056E-02	0.0008	.4030E-06	.2373E-0
139	0.00	0.000	0.212	0.4352	4.9475	.0000E+00	.3747E-01	0.6849	.1937E-01	.3219E-02	0.0007	.3568E-06	.2234E-0
140	0.00	0.000	0.259	0.3861	4.1183	.0000E+00	.3564E-01	0.7218	.2041E-01	.3352E-02	0.0007	.3236E-06	.2131E-0
141	0.60	0.010	0.139	0.4555	3.7590	.0000E+00	.3484E-01	0.7520	.2126E-01	.3459E-02	0.0007	.3023E-06	.2063E-0
142	0.15	0.000	0.140	0.4511	4.5985	.0000E+00	.3670E-01	0.7802	.2206E-01	.3558E-02	0.0007	.2876E-06	.2013E-0
143	0.00	0.000	0.249	0.4036	4.1939	.0000E+00	.3580E-01	0.8081	.2285E-01	.3656E-02	0.0007	.2759E-06	.1973E-0
144	0.00	0.000	0.273	0.3525	3.5373	.0000E+00	.3435E-01	0.8309	.2349E-01	.3735E-02	0.0007	.2715E-06	.2444E-0
145	0.10	0.000	0.194	0.3313	2.9713	.0000E+00	.3310E-01	0.8482	.2398E-01	.3795E-02	0.0006	.2675E-06	.1955E-0
146	0.06	0.000	0.223	0.2987	2.5467	.0000E+00	.3216E-01	0.8611	.2435E-01	.3840E-02	0.0006	.2742E-06	.1979E-0
147	0.00	0.000	0.234	0.2546	1.9717	.0000E+00	.3089E-01	0.8702	.2461E-01	.3871E-02	0.0007	.2850E-06	.2018E-0
148	0.00	0.000	0.233	0.2109	1.3746	.0000E+00	.2957E-01	0.8752	.2475E-01	.3888E-02	0.0003	.1475E-06	.1546E-0
149	0.00	0.000	0.231	0.1678	0.7056	.0000E+00	.2809E-01	0.8761	.2477E-01	.3891E-02	0.0007	.3147E-06	.2119E-0
150	0.00	0.000	0.196	0.1350	0.0542	.0000E+00	.0000E+00	0.8467	.2394E-01	.3790E-02	0.0007	.3540E-06	.2260E-0
151	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7745	.2190E-01	.3538E-02	0.0008	.4372E-06	.2526E-0
152	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7083	.2003E-01	.3303E-02	0.0009	.5386E-06	.2797E-0
153	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6476	.1831E-01	.3083E-02	0.0010	.6359E-06	.3034E-0
154	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5919	.1674E-01	.2877E-02	0.0011	.7267E-06	.3239E-0
155	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.5409	.1529E-01	.2684E-02	0.0011	.8078E-06	.4277E-0
156	0.23	0.000	0.030	0.1683	0.0000	.0000E+00	.0000E+00	0.4941	.1397E-01	.2504E-02	0.0012	.9124E-06	.3600E-0
157	0.60	0.000	0.046	0.2606	0.0000	.0000E+00	.0000E+00	0.4512	.1276E-01	.2336E-02	0.0012	.9746E-06	.3720E-0
158	0.00	0.000	0.231	0.2222	0.0000	.0000E+00	.0000E+00	0.4119	.1165E-01	.2179E-02	0.0013	.1027E-05	.3819E-0
159	0.00	0.000	0.060	0.2121	0.0000	.0000E+00	.0000E+00	0.3760	.1063E-01	.2031E-02	0.0006	.5356E-06	.2931E-0
160	0.00	0.000	0.064	0.2015	0.0000	.0000E+00	.0000E+00	0.3430	.9699E-02	.1894E-02	0.0013	.1088E-05	.3947E-0
161	0.05	0.000	0.068	0.1986	0.0000	.0000E+00	.0000E+00	0.3129	.8846E-02	.1765E-02	0.0013	.1118E-05	.3998E-0
162	0.00	0.000	0.063	0.1882	0.0000	.0000E+00	.0000E+00	0.2853	.8066E-02	.1645E-02	0.0013	.1134E-05	.5039E-0
163	0.00	0.000	0.069	0.1766	0.0000	.0000E+00	.0000E+00	0.2600	.7352E-02	.1532E-02	0.0013	.1166E-05	.4067E-0
164	0.00	0.000	0.071	0.1648	0.0000	.0000E+00	.0000E+00	0.2369	.6699E-02	.1427E-02	0.0013	.1173E-05	.4079E-0
165	0.05	0.000	0.065	0.1624	0.0000	.0000E+00	.0000E+00	0.2158	.6101E-02	.1329E-02	0.0007	.5943E-06	.3070E-0
166	0.00	0.000	0.068	0.1511	0.0000	.0000E+00	.0000E+00	0.1965	.5555E-02	.1237E-02	0.0013	.1166E-05	.4077E-0
167	0.00	0.000	0.071	0.1393	0.0000	.0000E+00	.0000E+00	0.1788	.5056E-02	.1151E-02	0.0013	.1160E-05	.4066E-0
168	0.00	0.000	0.025	0.1352	0.0000	.0000E+00	.0000E+00	0.1627	.4599E-02	.1071E-02	0.0013	.1150E-05	.4048E-0
169	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1479	.4183E-02	.9962E-03	0.0013	.1137E-05	.4025E-0
170	0.05	0.000	0.015	0.1409	0.0000	.0000E+00	.0000E+00	0.1345	.3802E-02	.9263E-03	0.0013	.1122E-05	.4985E-0
171	0.00	0.000	0.024	0.1368	0.0000	.0000E+00	.0000E+00	0.1222	.3455E-02	.8611E-03	0.0013	.1104E-05	.3956E-0
172	0.00	0.000	0.008	0.1355	0.0000	.0000E+00	.0000E+00	0.1110	.3138E-02	.8002E-03	0.0013	.1083E-05	.3919E-0
173	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.1007	.2848E-02	.7433E-03	0.0006	.5307E-06	.2919E-0
174	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0914	.2585E-02	.6903E-03	0.0013	.1041E-05	.3847E-0
175	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0829	.2344E-02	.6408E-03	0.0013	.1017E-05	.3804E-0
176	0.37	0.000	0.037	0.1904	0.0000	.0000E+00	.0000E+00	0.0751	.2125E-02	.5946E-03	0.0012	.9930E-06	.3758E-0
177	0.00	0.000	0.058	0.1808	0.0000	.0000E+00	.0000E+00	0.0681	.1925E-02	.5516E-03	0.0012	.9626E-06	.4627E-0
178	0.00	0.000	0.077	0.1679	0.0000	.0000E+00	.0000E+00	0.0617	.1743E-02	.5115E-03	0.0012	.9399E-06	.3651E-0
179	0.00	0.000	0.082	0.1543	0.0000	.0000E+00	.0000E+00	0.0558	.1578E-02	.4741E-03	0.0006	.4628E-06	.2709E-0
180	0.02	0.000	0.095	0.1418	0.0000	.0000E+00	.0000E+00	0.0505	.1427E-02	.4392E-03	0.0012	.8934E-06	.3563E-0
181	0.21	0.000	0.072	0.1649	0.0000	.0000E+00	.0000E+00	0.0456	.1290E-02	.4068E-03	0.0012	.8684E-06	.3513E-0
182	0.00	0.000	0.048	0.1569	0.0000	.0000E+00	.0000E+00	0.0412	.1166E-02	.3766E-03	0.0011	.8437E-06	.3463E-0
183	0.00	0.000	0.059	0.1471	0.0000	.0000E+00	.0000E+00	0.0372	.1053E-02	.3484E-03	0.0011	.8192E-06	.3412E-0
184	0.11	0.000	0.088	0.1507	0.0000	.0000E+00	.0000E+00	0.0336	.9500E-03	.3222E-03	0.0011	.7952E-06	.3361E-0
185	0.00	0.000	0.067	0.1396	0.0000	.0000E+00	.0000E+00	0.0303	.8567E-03	.2979E-03	0.0011	.7715E-06	.3311E-0
186	0.00	0.000	0.021	0.1361	0.0000	.0000E+00	.0000E+00	0.0273	.7721E-03	.2752E-03	0.0011	.7483E-06	.3261E-0
187	0.00	0.000	0.005	0.1352	0.0000	.0000E+00	.0000E+00	0.0246	.6953E-03	.2541E-03	0.0011	.7257E-06	.3211E-0
188	0.27	0.000	0.058	0.1706	0.0000	.0000E+00	.0000E+00	0.0221	.6257E-03	.2346E-03	0.0010	.7035E-06	.3161E-0
189	0.00	0.000	0.085	0.1564	0.0000	.0000E+00	.0000E+00	0.0199	.5627E-03	.2164E-03	0.0010	.6819E-06	.3112E-0
190	0.00	0.000	0.088	0.1418	0.0000	.0000E+00	.0000E+00	0.0179	.5056E-03	.1995E-03	0.0010	.6609E-06	.3064E-0
191	0.00	0.000	0.036	0.1359	0.0000	.0000E+00	.0000E+00	0.0161	.4540E-03	.1838E-03	0.0010	.6404E-06	.3016E-0
192	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0144	.4073E-03	.1692E-03	0.0010	.6206E-06	.2969E-0
193	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0129	.3651E-03	.1557E-03	0.0010	.6013E-06	.2922E-0
194	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0116	.3270E-03	.1432E-03	0.0010	.5826E-06	.2877E-0
195	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0103	.2926E-03	.1316E-03	0.0009	.5645E-06	.2832E-0
196	0.21	0.000	0.058	0.1603	0.0000	.0000E+00	.0000E+00	0.0093	.2616E-03	.1208E-03	0.0009	.5470E-06	.3476E-0
197	0.26	0.000	0.100	0.1871	0.0000	.0000E+00	.0000E+00	0.0083	.2336E-03	.1109E-03	0.0009	.5264E-06	.2733E-0
198	0.00	0.000	0.197	0.1542	0.0000	.0000E+00	.0000E+00	0.0074	.2084E-03	.1017E-03	0.0009	.5101E-06	.2690E-0
199	0.00	0.000	0.102	0.1373	0.0000	.0000E+00	.0000E+00	0.0066	.1857E-03	.9316E-04	0.0009	.4944E-06	.2649E-0
200	0.19	0.000	0.098	0.1526	0.0000	.0000E+00	.0000E+00	0.0058	.1654E-03	.8528E-04	0.0009	.4792E-06	.2607E-0
201	0.37	0.000	0.082	0.2006	0.0000	.0000E+00	.0000E+00	0.0052	.1471E-03	.7801E-04	0.0008	.4645E-06	.2567E-0
202	0.00	0.000	0.215	0.1647	0.0000	.0000E+00	.0000E+00	0.0046	.1306E-03	.7129E-04	0.0008	.4503E-06	.2528E-0
203	0.14	0.000	0.162	0.1611	0.0000	.0000E+00	.0000E+00	0.0041	.1159E-03	.6509E-04	0.0004	.2202E-06	.1871E-0
204	0.00	0.000	0.119	0.1413	0.0000	.0000E+00	.0000E+00	0.0036	.1027E-03	.5937E-04	0.0008	.4264E-06	.2461E-0
205	0.00	0.000	0.029	0.1364	0.0000	.0000E+00	.0000E+00	0.0032	.9086E-04	.5410E-04	0.0008	.4135E-06	.2423E-0
206	0.00	0.000	0.006	0.1354	0.0000	.0000E+00	.0000E+00	0.0028	.8029E-04	.4925E-04	0.0008	.4012E-06	.2977E-0
207	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0025	.7085E-04	.4478E-04	0.0008	.3865E-06	.2342E-0
208	0.08	0.000	0.027	0.1439	0.0000	.0000E+00	.0000E+00	0.0022	.6243E-04	.4067E-04	0.0004	.1891E-06	.1734E-0

209	0.56	0.000	0.085	0.2231	0.0000	.0000E+00	.0000E+00	0.0019	.5492E-04	.3690E-04	0.0008	.3666E-06	.2281E-0
210	0.00	0.000	0.210	0.1882	0.0000	.0000E+00	.0000E+00	0.0017	.4824E-04	.3344E-04	0.0007	.3559E-06	.2248E-0
211	0.00	0.000	0.250	0.1465	0.0000	.0000E+00	.0000E+00	0.0015	.4229E-04	.3026E-04	0.0007	.3455E-06	.2215E-0
212	0.00	0.000	0.057	0.1370	0.0000	.0000E+00	.0000E+00	0.0013	.3702E-04	.2735E-04	0.0007	.3356E-06	.2183E-0
213	0.00	0.000	0.012	0.1350	0.0000	.0000E+00	.0000E+00	0.0011	.3234E-04	.2468E-04	0.0007	.3260E-06	.2151E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0010	.2820E-04	.2225E-04	0.0007	.3167E-06	.2121E-0
215	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0009	.2453E-04	.2006E-04	0.0007	.3077E-06	.2090E-0
216	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0008	.2130E-04	.1795E-04	0.0007	.2991E-06	.2061E-0
217	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0007	.1845E-04	.1610E-04	0.0007	.2908E-06	.2032E-0
218	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0006	.1595E-04	.1442E-04	0.0007	.2828E-06	.2500E-0
219	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0005	.1375E-04	.1288E-04	0.0007	.2732E-06	.1969E-0
220	0.66	0.000	0.091	0.2298	0.0000	.0000E+00	.0000E+00	0.0004	.1182E-04	.1149E-04	0.0006	.2658E-06	.1943E-0
221	0.55	0.001	0.119	0.3015	0.0000	.0000E+00	.0000E+00	0.0004	.1014E-04	.1022E-04	0.0006	.2586E-06	.1916E-0
222	0.00	0.000	0.189	0.2688	0.0113	.0000E+00	.6658E-02	0.0069	.1949E-03	.9049E-04	0.0006	.2308E-06	.1810E-0
223	0.38	0.000	0.190	0.2961	0.0853	.0000E+00	.2672E-01	0.0433	.1224E-02	.3832E-03	0.0005	.1579E-06	.1498E-0
224	0.79	0.034	0.166	0.3895	0.8973	.0000E+00	.2852E-01	0.1102	.3117E-02	.7941E-03	0.0004	.8161E-07	.1077E-0
225	0.00	0.000	0.253	0.3421	2.5337	.0000E+00	.3213E-01	0.1778	.5027E-02	.1145E-02	0.0002	.3716E-07	.7274E-0
226	0.00	0.000	0.249	0.2953	2.2098	.0000E+00	.3142E-01	0.2446	.6915E-02	.1461E-02	0.0001	.6097E-08	.3144E-0
227	0.00	0.000	0.273	0.2448	1.8547	.0000E+00	.3063E-01	0.3037	.8587E-02	.1725E-02	0.0001	.5521E-08	.2364E-0
228	0.25	0.000	0.184	0.2509	1.4267	.0000E+00	.2969E-01	0.3556	.1006E-01	.1947E-02	0.0000	.5946E-09	.4598E-0
229	0.83	0.019	0.166	0.3536	0.9868	.0000E+00	.2871E-01	0.4007	.1133E-01	.2133E-02	0.0000	.0000E+00	.0000E+0
230	0.00	0.000	0.223	0.3116	1.2231	.0000E+00	.2924E-01	0.4409	.1247E-01	.2295E-02	0.0000	.0000E+00	.0000E+0
231	0.00	0.000	0.243	0.2663	1.2665	.0000E+00	.2933E-01	0.4786	.1353E-01	.2444E-02	0.0000	.0000E+00	.0000E+0
232	0.00	0.000	0.243	0.2211	1.0068	.0000E+00	.2876E-01	0.5128	.1450E-01	.2577E-02	0.0000	.0000E+00	.0000E+0
233	0.00	0.000	0.274	0.1707	0.6583	.0000E+00	.2799E-01	0.5424	.1534E-01	.2691E-02	0.0000	.0000E+00	.0000E+0
234	2.15	0.454	0.193	0.4166	0.2271	.0000E+00	.2703E-01	0.5674	.1604E-01	.2785E-02	0.0000	.0000E+00	.0000E+0
235	0.00	0.000	0.210	0.3761	2.9136	.0000E+00	.3297E-01	0.5947	.1681E-01	.2887E-02	0.0000	.0000E+00	.0000E+0
236	0.00	0.000	0.225	0.3330	3.1865	.0000E+00	.3358E-01	0.6298	.1781E-01	.3018E-02	0.0000	.0000E+00	.0000E+0
237	0.00	0.000	0.231	0.2892	2.5947	.0000E+00	.3227E-01	0.6617	.1871E-01	.3135E-02	0.0000	.0000E+00	.0000E+0
238	0.00	0.000	0.247	0.2430	1.8978	.0000E+00	.3073E-01	0.6873	.1943E-01	.3227E-02	0.0000	.0000E+00	.0000E+0
239	0.00	0.000	0.213	0.2026	1.2190	.0000E+00	.2923E-01	0.7068	.1999E-01	.3298E-02	0.0000	.0000E+00	.0000E+0
240	0.04	0.000	0.154	0.1788	0.7063	.0000E+00	.2809E-01	0.7212	.2039E-01	.3349E-02	0.0000	.0000E+00	.0000E+0
241	0.00	0.000	0.198	0.1445	0.1770	.0000E+00	.7816E-02	0.7123	.2014E-01	.3317E-02	0.0000	.0000E+00	.0000E+0
242	0.00	0.000	0.055	0.1352	0.0000	.0000E+00	.0000E+00	0.6639	.1877E-01	.3142E-02	0.0000	.0000E+00	.0000E+0
243	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.6068	.1716E-01	.2933E-02	0.0000	.0000E+00	.0000E+0
244	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5545	.1568E-01	.2736E-02	0.0000	.0000E+00	.0000E+0
245	0.52	0.000	0.071	0.2099	0.0000	.0000E+00	.0000E+00	0.5066	.1432E-01	.2553E-02	0.0001	.2114E-08	.1759E-0
246	0.00	0.000	0.131	0.1881	0.0000	.0000E+00	.0000E+00	0.4627	.1308E-01	.2381E-02	0.0001	.1056E-07	.3900E-0
247	0.00	0.000	0.138	0.1651	0.0000	.0000E+00	.0000E+00	0.4224	.1194E-01	.2221E-02	0.0002	.2399E-07	.5861E-0
248	0.00	0.000	0.150	0.1402	0.0000	.0000E+00	.0000E+00	0.3856	.1090E-01	.2071E-02	0.0003	.4100E-07	.7653E-0
249	0.07	0.000	0.055	0.1427	0.0000	.0000E+00	.0000E+00	0.3518	.9948E-02	.1931E-02	0.0002	.2991E-07	.6947E-0
250	0.00	0.000	0.035	0.1368	0.0000	.0000E+00	.0000E+00	0.3209	.9074E-02	.1800E-02	0.0003	.7376E-07	.1041E-0
251	0.00	0.000	0.009	0.1353	0.0000	.0000E+00	.0000E+00	0.2926	.8275E-02	.1677E-02	0.0004	.9517E-07	.1179E-0
252	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.2668	.7543E-02	.1562E-02	0.0004	.1169E-06	.1304E-0
253	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2431	.6873E-02	.1455E-02	0.0005	.1384E-06	.1416E-0
254	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2214	.6261E-02	.1355E-02	0.0005	.1593E-06	.1517E-0
255	0.08	0.000	0.032	0.1431	0.0000	.0000E+00	.0000E+00	0.2016	.5701E-02	.1262E-02	0.0005	.1790E-06	.2014E-0
256	4.02	1.777	0.095	0.5010	0.0000	.0000E+00	.0000E+00	0.1835	.5189E-02	.1174E-02	0.0006	.2051E-06	.1707E-0
257	0.04	0.000	0.121	0.4810	5.8251	.0000E+00	.3941E-01	0.2061	.5828E-02	.1282E-02	0.0005	.1782E-06	.1592E-0
258	0.00	0.000	0.205	0.4405	5.1183	.0000E+00	.3785E-01	0.2886	.8159E-02	.1658E-02	0.0004	.1039E-06	.1216E-0
259	0.00	0.000	0.151	0.4092	4.3904	.0000E+00	.3624E-01	0.3599	.1018E-01	.1964E-02	0.0003	.6006E-07	.9256E-0
260	0.00	0.000	0.165	0.3760	3.8540	.0000E+00	.3505E-01	0.4214	.1192E-01	.2217E-02	0.0001	.1671E-07	.5215E-0
261	0.32	0.000	0.115	0.4045	3.4796	.0000E+00	.3423E-01	0.4750	.1343E-01	.2430E-02	0.0002	.2467E-07	.5649E-0
262	0.00	0.000	0.107	0.3810	3.2446	.0000E+00	.3371E-01	0.5223	.1477E-01	.2613E-02	0.0002	.1349E-07	.4153E-0
263	0.00	0.000	0.092	0.3602	2.9711	.0000E+00	.3310E-01	0.5642	.1595E-01	.2773E-02	0.0001	.7077E-08	.2982E-0
264	0.57	0.001	0.103	0.4324	2.9587	.0000E+00	.3307E-01	0.6016	.1701E-01	.2913E-02	0.0001	.3523E-08	.2602E-0
265	0.08	0.000	0.131	0.4179	3.9344	.0000E+00	.3523E-01	0.6379	.1804E-01	.3048E-02	0.0000	.8760E-09	.1146E-0
266	0.00	0.000	0.112	0.3935	3.6754	.0000E+00	.3466E-01	0.6742	.1906E-01	.3180E-02	0.0000	.1633E-09	.4950E-0
267	0.00	0.000	0.104	0.3705	3.3559	.0000E+00	.3395E-01	0.7058	.1996E-01	.3294E-02	0.0000	.1601E-10	.1327E-0
268	0.00	0.000	0.109	0.3468	3.0452	.0000E+00	.3326E-01	0.7330	.2072E-01	.3391E-02	0.0000	.0000E+00	.0000E+0
269	0.00	0.000	0.117	0.3219	2.7864	.0000E+00	.3269E-01	0.7562	.2138E-01	.3474E-02	0.0000	.5114E-11	.4265E-0
270	0.00	0.000	0.109	0.2984	2.5432	.0000E+00	.3216E-01	0.7761	.2194E-01	.3544E-02	0.0000	.1253E-10	.1471E-0
271	0.00	0.000	0.119	0.2733	2.1658	.0000E+00	.3132E-01	0.7926	.2241E-01	.3602E-02	0.0000	.1814E-10	.1446E-0
272	0.00	0.000	0.090	0.2533	1.8378	.0000E+00	.3060E-01	0.8057	.2278E-01	.3648E-02	0.0000	.2673E-09	.6160E-0
273	0.03	0.000	0.071	0.2413	1.6536	.0000E+00	.3019E-01	0.8161	.2308E-01	.3684E-02	0.0000	.8960E-09	.1138E-0
274	0.00	0.000	0.082	0.2227	1.3452	.0000E+00	.2951E-01	0.8244	.2331E-01	.3713E-02	0.0001	.2120E-08	.1755E-0
275	0.00	0.000	0.078	0.2049	0.9550	.0000E+00	.2864E-01	0.8300	.2347E-01	.3732E-02	0.0001	.4184E-08	.2469E-0
276	0.00	0.000	0.096	0.1842	0.7877	.0000E+00	.2827E-01	0.8334	.2356E-01	.3744E-02	0.0001	.7328E-08	.3267E-0
277	0.00	0.000	0.078	0.1667	0.4919	.0000E+00	.2762E-01	0.8352	.2362E-01	.3750E-02	0.0001	.1169E-07	.4123E-0
278	0.00	0.000	0.103	0.1484	0.0575	.0000E+00	.6738E-02	0.8152	.2305E-01	.3681E-02	0.0002	.2069E-07	.5549E-0
279	0.00	0.000	0.080	0.1350	0.0000	.0000E+00	.0000E+00	0.7564	.2139E-01	.3474E-02	0.0002	.4344E-07	.8118E-0
280	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6917	.1956E-01	.3243E-02	0.0003	.8192E-07	.1108E-0
281	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6323	.1788E-01	.3027E-02	0.0004	.1297E-06	.1386E-0
282	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5779	.1634E-01	.2825E-02	0.0005	.1821E-06	.1635E-0
283	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5280	.1493E-01	.2636E-02	0.0006	.2366E-06	.1858E-0
284	0.02	0.000	0.018	0.1354	0.0000	.0000E+00	.0000E+00	0.4823	.1364E-01	.2459E-02	0.0007	.2912E-06	.2057E-0
285	0.01	0.000	0.011	0.1352	0.0000	.0000E+00	.0000E+00	0.4404	.1245E-01	.2293E-02	0.0007	.3445E-06	.2234E-0
286	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.4021	.1137E-01	.2139E-02	0.0008	.3952E-06	.2389E-0
287	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3669	.1038E-01	.1994E-02	0.0008	.4425E-06	.2526E-0
288	0.07	0.000	0.027	0.1421	0.0000	.0000E+00	.0000E+00	0.3348	.9465E-02	.1859E-02	0.0009	.4859E-06	.2644E-0
289	0.21	0.000	0.040	0.1705	0.0000	.0000E+00	.0000E+00	0.3053	.8632E-02	.1732E-02	0.0009	.5251E-06	.2747E-0
290	0.00	0.000	0.021	0.1670	0.0000	.0000E+00	.0000E+00	0.2783	.7870E-02	.1614E-02	0.0009	.5599E-06	.2834E-0
291	0.60	0.000	0.046	0.2593	0.0000	.0000E+00	.0000E+00	0.2537	.7173E-02	.1504E-02	0.0010	.5903E-06	.2909E-0
292	0.01	0.000	0.046	0.2534	0.0000	.0000E+00	.0000E+00	0.2311	.6535E-02	.1400E-02	0.0010	.6138E-06	.3713E-0
293	0.06	0.000	0.065	0.2526	0.0000	.0000E+00	.0000E+00	0.2105	.5951E-02	.1304E-02	0.0010	.6482E-06	.3033E-0
294	0.27	0.000	0.062	0.2872	0.0000	.0000E+00	.0000E+00	0.1916	.5418E-02	.1214E-02	0.0010	.6648E-06	.3072E-0
295	0.00	0.000	0.055	0.2768	0.0047	.0000E+00	.6643E-02	0.1810	.5117E-02	.1162E-02	0.0010	.6640E-06	.3070E-0
296	0.00	0.000	0.035	0.2665	0.0398	.0000E+00	.2662E-01	0.2018	.5705E-02	.1262E-02	0.0010	.6005E-06	.2919E-0
297	0.03	0.000	0.056	0.2612	0.0064	.0000E+00	.5355E-02	0.2317	.6553E-02	.1403E-02	0.0009	.5273E-06	.2736E-0
298	0.00	0.000	0.051	0.2528	0.0000	.0000E+00	.0000E+00	0.2197	.6211E-02	.1347E-02	0.0009	.5344E-06	.2755E-0
299	1.33	0.130	0.070	0.4399	0.2416	.0000E+00	.7167E-02	0.2071	.5857E-02	.1288E-02	0.0009	.5420E-06	.2774E-0
300	0.00	0.000	0.041	0.4271	4.0524	.0000E+00	.3549E-01	0.2353	.6654E-02	.1419E-02	0.0009	.4784E-06	.2607E-0
301	0.00	0.000	0.041	0.4145	3.9317	.0000E+00	.3522E-01	0.3064	.8662E-02	.1736E-02	0.0007	.3613E-06	.2266E-0
302	0.00	0.000	0.045	0.4011	3.7032	.0000E+00	.3472E-01	0.3704	.1047E-01	.2008E-02	0.0007	.2777E-06	.1987E-0
303	0.00	0.000	0.056	0.3861	3.4695	.0000E+00	.3420E-01	0.4278	.1210E-01	.2242E-02	0.0006	.2176E-06	.1760E-0
304	0.45	0.000	0.065	0.4445	3.4588	.0000E+00	.3418E-01	0.4794	.1356E-01	.2447E-02	0.0005	.1737E-06	.1573E-0

305		0.00	0.000	0.061	0.4282	4.3352	.0000E+00	.3612E-01	0.5287	.1495E-01	.2638E-02	0.0002	.6900E-07	.1056E-0
306		0.00	0.000	0.050	0.4140	4.0348	.0000E+00	.3545E-01	0.5762	.1629E-01	.2818E-02	0.0004	.1234E-06	.1304E-0
307		0.13	0.000	0.056	0.4205	3.7912	.0000E+00	.3491E-01	0.6182	.1748E-01	.2975E-02	0.0004	.1017E-06	.1186E-0
308		0.40	0.002	0.060	0.4708	4.2409	.0000E+00	.3591E-01	0.6568	.1857E-01	.3117E-02	0.0004	.8618E-07	.1092E-0
309		0.00	0.000	0.057	0.4551	5.0089	.0000E+00	.3761E-01	0.6955	.1967E-01	.3257E-02	0.0003	.7386E-07	.1011E-0
310		0.00	0.000	0.058	0.4393	4.6692	.0000E+00	.3686E-01	0.7330	.2073E-01	.3391E-02	0.0003	.6516E-07	.1179E-0
311		0.00	0.000	0.059	0.4234	4.3436	.0000E+00	.3614E-01	0.7655	.2164E-01	.3506E-02	0.0003	.5440E-07	.8842E-0
312		0.00	0.000	0.056	0.4082	4.0273	.0000E+00	.3544E-01	0.7934	.2243E-01	.3605E-02	0.0003	.5204E-07	.8653E-0
313		0.00	0.000	0.046	0.3947	3.7740	.0000E+00	.3488E-01	0.8173	.2311E-01	.3688E-02	0.0003	.5201E-07	.8652E-0
314		0.00	0.000	0.040	0.3824	3.5481	.0000E+00	.3438E-01	0.8378	.2369E-01	.3759E-02	0.0001	.2693E-07	.6523E-0
315		0.00	0.000	0.050	0.3684	3.3248	.0000E+00	.3388E-01	0.8554	.2419E-01	.3820E-02	0.0003	.5749E-07	.1138E-0
316		0.00	0.000	0.046	0.3553	3.0968	.0000E+00	.3338E-01	0.8702	.2460E-01	.3871E-02	0.0003	.6282E-07	.9508E-0
317		0.51	0.000	0.050	0.4265	3.0287	.0000E+00	.3323E-01	0.8828	.2496E-01	.3914E-02	0.0003	.6966E-07	.1001E-0
318	*	0.00	0.000	0.035	0.4148	3.8595	.0000E+00	.3507E-01	0.8959	.2533E-01	.3959E-02	0.0003	.7680E-07	.1051E-0
319		0.11	0.000	0.052	0.4187	3.7013	.0000E+00	.3472E-01	0.9106	.2575E-01	.4009E-02	0.0004	.8375E-07	.1097E-0
320		0.03	0.000	0.050	0.4097	3.5816	.0000E+00	.3445E-01	0.9233	.2611E-01	.4052E-02	0.0004	.9238E-07	.1152E-0
321		0.99	0.342	0.063	0.5010	4.6938	.0000E+00	.3691E-01	0.9369	.2649E-01	.4098E-02	0.0004	.1011E-06	.1205E-0
322		0.00	0.000	0.045	0.4869	5.8548	.0000E+00	.3948E-01	0.9559	.2703E-01	.4162E-02	0.0004	.1074E-06	.1242E-0
323		0.00	0.000	0.038	0.4741	5.4921	.0000E+00	.3868E-01	0.9767	.2762E-01	.4232E-02	0.0004	.1134E-06	.1277E-0
324		0.06	0.000	0.056	0.4685	5.2202	.0000E+00	.3807E-01	0.9939	.2810E-01	.4289E-02	0.0004	.1224E-06	.1326E-0
325		0.00	0.000	0.044	0.4550	5.0296	.0000E+00	.3765E-01	1.0082	.2851E-01	.4337E-02	0.0005	.1338E-06	.1386E-0
326		0.39	0.021	0.055	0.5010	5.1580	.0000E+00	.3794E-01	1.0210	.2887E-01	.4380E-02	0.0005	.1470E-06	.1453E-0
327		0.00	0.000	0.050	0.4862	5.8470	.0000E+00	.3946E-01	1.0348	.2926E-01	.4425E-02	0.0005	.1605E-06	.1518E-0
328		0.00	0.000	0.061	0.4696	5.4363	.0000E+00	.3855E-01	1.0489	.2966E-01	.4472E-02	0.0005	.1745E-06	.1582E-0
329		0.00	0.000	0.056	0.4540	5.0171	.0000E+00	.3762E-01	1.0595	.2996E-01	.4507E-02	0.0003	.9601E-07	.1234E-0
330		0.01	0.000	0.042	0.4424	4.7414	.0000E+00	.3702E-01	1.0671	.3017E-01	.4532E-02	0.0006	.2082E-06	.1725E-0
331		0.00	0.000	0.037	0.4301	4.5276	.0000E+00	.3654E-01	1.0727	.3033E-01	.4550E-02	0.0006	.2306E-06	.1816E-0
332		0.00	0.000	0.043	0.4169	4.2542	.0000E+00	.3594E-01	1.0764	.3044E-01	.4562E-02	0.0006	.2555E-06	.1912E-0
333		0.00	0.000	0.046	0.4034	3.9779	.0000E+00	.3533E-01	1.0782	.3049E-01	.4568E-02	0.0007	.2829E-06	.2012E-0
334		0.00	0.000	0.048	0.3896	3.7384	.0000E+00	.3480E-01	1.0784	.3049E-01	.4569E-02	0.0007	.3126E-06	.2115E-0
335		0.00	0.000	0.039	0.3774	3.5115	.0000E+00	.3430E-01	1.0772	.3046E-01	.4565E-02	0.0007	.3443E-06	.2790E-0
336		0.00	0.000	0.037	0.3656	3.2969	.0000E+00	.3382E-01	1.0749	.3039E-01	.4557E-02	0.0008	.3867E-06	.2351E-0
337		0.00	0.000	0.036	0.3541	3.0869	.0000E+00	.3336E-01	1.0715	.3030E-01	.4546E-02	0.0008	.4222E-06	.2456E-0
338	*	0.00	0.000	0.029	0.3438	2.8913	.0000E+00	.3292E-01	1.0672	.3017E-01	.4532E-02	0.0004	.2294E-06	.1912E-0
339	*	0.00	0.000	0.028	0.3337	2.7168	.0000E+00	.3254E-01	1.0621	.3003E-01	.4515E-02	0.0009	.4862E-06	.2637E-0
340		0.14	0.000	0.049	0.3435	2.5416	.0000E+00	.3215E-01	1.0565	.2987E-01	.4497E-02	0.0009	.5240E-06	.2737E-0
341	*	0.04	0.000	0.042	0.3378	2.3740	.0000E+00	.3178E-01	1.0504	.2970E-01	.4477E-02	0.0009	.5621E-06	.2835E-0
342	*	0.00	0.000	0.030	0.3276	2.2177	.0000E+00	.3144E-01	1.0438	.2951E-01	.4455E-02	0.0010	.6002E-06	.2929E-0
343	*	0.25	0.000	0.032	0.3257	2.0397	.0000E+00	.3104E-01	1.0368	.2932E-01	.4432E-02	0.0010	.6417E-06	.3786E-0
344	*	0.00	0.000	0.034	0.3239	1.9137	.0000E+00	.3076E-01	1.0295	.2911E-01	.4408E-02	0.0010	.6865E-06	.3128E-0
345		0.00	0.000	0.036	0.3276	1.7745	.0000E+00	.3046E-01	1.0220	.2890E-01	.4383E-02	0.0011	.7233E-06	.3211E-0
346	*	0.00	0.000	0.027	0.3259	1.6347	.0000E+00	.3015E-01	1.0143	.2868E-01	.4357E-02	0.0011	.7593E-06	.3289E-0
347	*	0.01	0.000	0.043	0.3169	1.4926	.0000E+00	.2983E-01	1.0065	.2846E-01	.4331E-02	0.0006	.3971E-06	.2519E-0
348		0.00	0.000	0.035	0.3061	1.3456	.0000E+00	.2951E-01	0.9985	.2823E-01	.4305E-02	0.0011	.8182E-06	.3417E-0
349		0.00	0.000	0.038	0.2949	1.2216	.0000E+00	.2923E-01	0.9903	.2800E-01	.4277E-02	0.0011	.8511E-06	.3485E-0
350	*	0.31	0.000	0.034	0.2934	1.0870	.0000E+00	.2894E-01	0.9821	.2777E-01	.4250E-02	0.0012	.8827E-06	.3549E-0
351		0.00	0.000	0.028	0.3086	0.9543	.0000E+00	.2864E-01	0.9738	.2753E-01	.4222E-02	0.0012	.9129E-06	.3608E-0
352		0.03	0.000	0.000	0.3137	0.8722	.0000E+00	.2846E-01	0.9655	.2730E-01	.4194E-02	0.0012	.9415E-06	.3664E-0
353	*	0.64	0.000	0.033	0.3123	0.7449	.0000E+00	.2818E-01	0.9573	.2707E-01	.4167E-02	0.0012	.9685E-06	.3716E-0
354		0.02	0.000	0.000	0.3140	0.6251	.0000E+00	.2791E-01	0.9491	.2684E-01	.4139E-02	0.0012	.9950E-06	.4710E-0
355	*	0.00	0.000	0.032	0.3127	0.5262	.0000E+00	.2770E-01	0.9409	.2660E-01	.4112E-02	0.0013	.1025E-05	.3819E-0
356	*	0.00	0.000	0.026	0.3114	0.4678	.0000E+00	.2757E-01	0.9329	.2638E-01	.4085E-02	0.0013	.1047E-05	.3859E-0
357	*	0.01	0.000	0.029	0.3101	0.4715	.0000E+00	.2757E-01	0.9254	.2617E-01	.4059E-02	0.0013	.1066E-05	.3894E-0
358	*	0.11	0.000	0.000	0.3089	0.4781	.0000E+00	.2759E-01	0.9185	.2597E-01	.4036E-02	0.0013	.1082E-05	.3924E-0
359	* *	0.00	0.000	0.026	0.3043	0.4300	.0000E+00	.2748E-01	0.9121	.2579E-01	.4014E-02	0.0013	.1097E-05	.3950E-0
360	* *	0.00	0.000	0.029	0.2997	0.3039	.0000E+00	.2720E-01	0.9058	.2561E-01	.3992E-02	0.0007	.5551E-06	.2980E-0
361	* *	0.00	0.000	0.023	0.2952	0.1790	.0000E+00	.2693E-01	0.8992	.2543E-01	.3970E-02	0.0013	.1118E-05	.4989E-0
362	* *	0.00	0.000	0.028	0.2916	0.0554	.0000E+00	.2203E-01	0.8880	.2511E-01	.3932E-02	0.0013	.1143E-05	.4031E-0
363	* *	0.02	0.000	0.000	0.2916	0.0000	.0000E+00	.0000E+00	0.8478	.2397E-01	.3794E-02	0.0014	.1216E-05	.4157E-0
364	*	0.02	0.000	0.000	0.2916	0.0000	.0000E+00	.0000E+00	0.7755	.2193E-01	.3542E-02	0.0014	.1350E-05	.4379E-0
365	*	0.01	0.103	0.000	0.3289	0.0000	.0000E+00	.0000E+00	0.7092	.2005E-01	.3306E-02	0.0015	.1467E-05	.4563E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 10

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	2.67	3.54	6.79	3.11	7.11	1.59
	2.19	5.65	5.73	3.06	2.63	1.61
RUNOFF	2.295	2.925	3.027	0.736	1.717	0.000
	0.000	0.509	1.778	0.130	0.364	0.103
EVAPOTRANSPIRATION	0.507	0.568	2.632	3.491	5.072	1.411
	2.357	4.601	2.737	1.371	1.509	0.822
PERCOLATION/LEAKAGE THROUGH	0.1089	0.0470	0.9131	0.7369	0.6633	0.0000
LAYER 2	0.0000	0.5515	0.5767	0.3404	1.0864	0.8295
LATERAL DRAINAGE COLLECTED	0.3674	0.0607	0.5016	0.7811	0.4893	0.2138
FROM LAYER 3	0.0111	0.2877	0.4114	0.3869	0.7569	0.8506
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0657	0.0167	0.0833	0.1210	0.0838	0.0427
LAYER 4	0.0044	0.0509	0.0729	0.0697	0.1181	0.1305
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1201	0.0846	0.0197	0.0573	0.0969	0.1131
LAYER 7	0.0860	0.0245	0.0190	0.0631	0.0383	0.1073

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.017	0.001	3.247	2.010	2.324	0.000
TOP OF LAYER 2	0.000	0.874	1.895	0.727	4.378	1.331
STD. DEVIATION OF DAILY	0.061	0.002	1.876	1.894	2.223	0.000
HEAD ON TOP OF LAYER 2	0.000	1.008	1.869	1.377	0.783	1.077
AVERAGE DAILY HEAD ON	0.419	0.077	0.572	0.921	0.558	0.252
TOP OF LAYER 4	0.013	0.328	0.485	0.441	0.892	0.970
STD. DEVIATION OF DAILY	0.294	0.027	0.332	0.145	0.242	0.194
HEAD ON TOP OF LAYER 4	0.012	0.285	0.207	0.229	0.162	0.088
AVERAGE DAILY HEAD ON	0.001	0.001	0.000	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.001	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 10

	INCHES	CU. FEET	PERCENT
PRECIPITATION	45.68	414546.000	100.00
RUNOFF	13.585	123283.484	29.74
EVAPOTRANSPIRATION	27.079	245743.891	59.28
PERC./LEAKAGE THROUGH LAYER 2	5.853654	53121.910	12.81
AVG. HEAD ON TOP OF LAYER 2	1.4003		
DRAINAGE COLLECTED FROM LAYER 3	5.1184	46449.789	11.20
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.859751	7802.239	1.88
AVG. HEAD ON TOP OF LAYER 4	0.4941		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.577	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.829765	7530.119	1.82
AVG. HEAD ON TOP OF LAYER 7	0.0007		
CHANGE IN WATER STORAGE	-0.933	-8462.819	-2.04
SOIL WATER AT START OF YEAR	285.505	2590955.750	
SOIL WATER AT END OF YEAR	284.775	2584331.250	
SNOW WATER AT START OF YEAR	0.422	3826.353	0.92
SNOW WATER AT END OF YEAR	0.219	1988.107	0.48
ANNUAL WATER BUDGET BALANCE	0.0000	-0.032	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

****

DAILY OUTPUT FOR YEAR 11

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1	*	*	0.00	0.000	0.036	0.3289	0.0000	.0000E+00	.0000E+00	0.6484	.1833E-01	.3086E-02	0.0016	.1566E-05	.4714E-0
2	*	*	0.00	0.000	0.043	0.3289	0.0000	.0000E+00	.0000E+00	0.5927	.1676E-01	.2880E-02	0.0016	.1647E-05	.4833E-0
3		*	0.86	0.787	0.000	0.3645	0.0000	.0000E+00	.0000E+00	0.5416	.1531E-01	.2687E-02	0.0008	.8554E-06	.3705E-0
4		*	0.00	0.000	0.000	0.3645	0.0000	.0000E+00	.0000E+00	0.4947	.1399E-01	.2507E-02	0.0016	.1732E-05	.4979E-0
5	*	*	0.00	0.000	0.000	0.3645	0.0000	.0000E+00	.0000E+00	0.4518	.1277E-01	.2338E-02	0.0017	.1771E-05	.5032E-0
6		*	0.00	0.000	0.000	0.3645	0.0000	.0000E+00	.0000E+00	0.4125	.1166E-01	.2181E-02	0.0017	.1796E-05	.6322E-0
7		*	0.19	0.098	0.009	0.3783	0.0000	.0000E+00	.0000E+00	0.3765	.1064E-01	.2033E-02	0.0017	.1825E-05	.5086E-0
8		*	0.00	0.000	0.000	0.3783	0.0000	.0000E+00	.0000E+00	0.3435	.9712E-02	.1896E-02	0.0017	.1825E-05	.5085E-0
9		*	0.00	0.000	0.000	0.3783	0.0000	.0000E+00	.0000E+00	0.3133	.8858E-02	.1767E-02	0.0017	.1816E-05	.5073E-0
10	*	*	0.00	0.000	0.000	0.3783	0.0000	.0000E+00	.0000E+00	0.2856	.8077E-02	.1646E-02	0.0017	.1800E-05	.5050E-0
11		*	0.22	0.136	0.009	0.3908	0.0000	.0000E+00	.0000E+00	0.2604	.7362E-02	.1534E-02	0.0017	.1777E-05	.5018E-0
12		*	0.03	0.002	0.008	0.3940	0.0000	.0000E+00	.0000E+00	0.2372	.6707E-02	.1428E-02	0.0016	.1749E-05	.4978E-0
13	*	*	0.21	0.000	0.040	0.3940	0.0000	.0000E+00	.0000E+00	0.2161	.6109E-02	.1330E-02	0.0016	.1717E-05	.4933E-0
14		*	0.00	0.039	0.042	0.3954	0.0000	.0000E+00	.0000E+00	0.1967	.5562E-02	.1238E-02	0.0016	.1682E-05	.4881E-0
15	*	*	0.00	0.000	0.036	0.3954	0.0000	.0000E+00	.0000E+00	0.1790	.5062E-02	.1152E-02	0.0016	.1643E-05	.4825E-0
16	*	*	0.42	0.000	0.029	0.3954	0.0000	.0000E+00	.0000E+00	0.1629	.4606E-02	.1072E-02	0.0008	.8014E-06	.3588E-0
17	*	*	0.00	0.000	0.033	0.3954	0.0000	.0000E+00	.0000E+00	0.1481	.4188E-02	.9972E-03	0.0016	.1565E-05	.4719E-0
18	*	*	0.00	0.000	0.033	0.3954	0.0000	.0000E+00	.0000E+00	0.1347	.3807E-02	.9273E-03	0.0015	.1523E-05	.4654E-0
19	*	*	0.23	0.000	0.028	0.3954	0.0000	.0000E+00	.0000E+00	0.1223	.3459E-02	.8620E-03	0.0015	.1480E-05	.4588E-0
20	*	*	0.91	0.000	0.031	0.3954	0.0000	.0000E+00	.0000E+00	0.1111	.3142E-02	.8010E-03	0.0015	.1437E-05	.4520E-0
21		*	0.00	0.091	0.031	0.4002	0.0000	.0000E+00	.0000E+00	0.1009	.2852E-02	.7441E-03	0.0015	.1393E-05	.4451E-0
22		*	0.63	1.441	0.000	0.4122	0.0000	.0000E+00	.0000E+00	0.0915	.2588E-02	.6910E-03	0.0014	.1350E-05	.4381E-0
23		*	0.40	0.760	0.000	0.4219	0.0000	.0000E+00	.0000E+00	0.0830	.2347E-02	.6415E-03	0.0014	.1307E-05	.5373E-0
24		*	0.46	0.414	0.008	0.4283	0.0000	.0000E+00	.0000E+00	0.0753	.2128E-02	.5953E-03	0.0014	.1258E-05	.4222E-0
25		*	0.00	0.000	0.000	0.4283	0.0000	.0000E+00	.0000E+00	0.0682	.1928E-02	.5522E-03	0.0014	.1216E-05	.4152E-0
26		*	0.01	0.000	0.006	0.4289	0.0000	.0000E+00	.0000E+00	0.0617	.1746E-02	.5120E-03	0.0014	.1175E-05	.4082E-0
27		*	0.16	0.126	0.008	0.4334	0.0000	.0000E+00	.0000E+00	0.0559	.1580E-02	.4746E-03	0.0007	.5753E-06	.3019E-0
28		*	0.00	0.000	0.000	0.4334	0.0000	.0000E+00	.0000E+00	0.0506	.1429E-02	.4397E-03	0.0013	.1104E-05	.3960E-0
29		*	0.35	0.317	0.008	0.4376	0.0000	.0000E+00	.0000E+00	0.0457	.1292E-02	.4072E-03	0.0013	.1066E-05	.3891E-0
30		*	0.00	0.000	0.000	0.4376	0.0000	.0000E+00	.0000E+00	0.0413	.1168E-02	.3770E-03	0.0013	.1029E-05	.3824E-0
31		*	0.44	0.409	0.008	0.4416	0.0000	.0000E+00	.0000E+00	0.0373	.1054E-02	.3488E-03	0.0012	.9936E-06	.3757E-0
32	*	*	0.33	0.000	0.033	0.4416	0.0000	.0000E+00	.0000E+00	0.0336	.9514E-03	.3226E-03	0.0012	.9591E-06	.3691E-0
33	*	*	0.10	0.000	0.000	0.4416	0.0000	.0000E+00	.0000E+00	0.0303	.8580E-03	.2982E-03	0.0012	.9257E-06	.3626E-0
34		*	0.00	0.094	0.031	0.4416	0.0000	.0000E+00	.0000E+00	0.0273	.7732E-03	.2755E-03	0.0012	.8882E-06	.4441E-0
35		*	0.02	0.263	0.029	0.4416	0.0000	.0000E+00	.0000E+00	0.0246	.6963E-03	.2544E-03	0.0012	.8561E-06	.3484E-0
36		*	0.32	0.292	0.007	0.4451	0.0000	.0000E+00	.0000E+00	0.0222	.6267E-03	.2348E-03	0.0006	.4179E-06	.2575E-0
37			0.00	0.000	0.055	0.4313	3.5152	.0000E+00	.2767E-01	0.0474	.1340E-02	.4115E-03	0.0011	.7479E-06	.3234E-0
38	*		0.00	0.000	0.049	0.4171	4.4598	.0000E+00	.3639E-01	0.1233	.3487E-02	.8642E-03	0.0010	.5725E-06	.2789E-0
39	*		0.00	0.000	0.054	0.4022	4.1773	.0000E+00	.3577E-01	0.2060	.5824E-02	.1281E-02	0.0008	.3994E-06	.2325E-0
40	*		1.22	0.000	0.037	0.3996	3.8933	.0000E+00	.3514E-01	0.2799	.7914E-02	.1620E-02	0.0007	.2798E-06	.1948E-0
41	*		0.49	0.000	0.038	0.3971	3.7320	.0000E+00	.3478E-01	0.3461	.9787E-02	.1906E-02	0.0006	.1996E-06	.1647E-0
42	*		0.08	0.000	0.033	0.3946	3.5723	.0000E+00	.3443E-01	0.4058	.1148E-01	.2154E-02	0.0005	.1443E-06	.1400E-0
43	*	*	0.00	0.000	0.028	0.3896	1.5640	.0000E+00	.2999E-01	0.4556	.1288E-01	.2353E-02	0.0004	.1073E-06	.1211E-0
44	*	*	0.13	0.000	0.000	0.3849	0.8127	.0000E+00	.2833E-01	0.4923	.1392E-01	.2498E-02	0.0004	.8497E-07	.1083E-0
45		*	0.07	0.000	0.000	0.3802	0.6827	.0000E+00	.2804E-01	0.5230	.1479E-01	.2616E-02	0.0003	.7127E-07	.9941E-0
46	*	*	0.07	0.000	0.036	0.3756	0.5540	.0000E+00	.2776E-01	0.5504	.1556E-01	.2721E-02	0.0003	.6258E-07	.1160E-0
47	*	*	0.00	0.000	0.032	0.3710	0.4265	.0000E+00	.2747E-01	0.5748	.1625E-01	.2813E-02	0.0003	.5250E-07	.8671E-0
48	*	*	0.00	0.000	0.033	0.3665	0.3004	.0000E+00	.2720E-01	0.5964	.1686E-01	.2894E-02	0.0003	.4885E-07	.8368E-0
49	*	*	0.00	0.000	0.036	0.3620	0.1756	.0000E+00	.2692E-01	0.6155	.1740E-01	.2965E-02	0.0001	.2263E-07	.6095E-0
50		*	0.68	0.332	0.000	0.4042	0.0520	.0000E+00	.2129E-01	0.6269	.1773E-01	.3007E-02	0.0003	.4859E-07	.8296E-0
51		*	0.00	0.029	0.030	0.4152	0.0000	.0000E+00	.0000E+00	0.6072	.1717E-01	.2934E-02	0.0003	.5917E-07	.9291E-0
52		*	0.00	0.016	0.036	0.4196	0.0000	.0000E+00	.0000E+00	0.5549	.1569E-01	.2738E-02	0.0004	.8801E-07	.1144E-0
53		*	0.00	0.005	0.041	0.4201	0.0000	.0000E+00	.0000E+00	0.5070	.1433E-01	.2554E-02	0.0004	.1272E-06	.1368E-0
54		*	0.00	0.016	0.037	0.4233	0.0000	.0000E+00	.0000E+00	0.4630	.1309E-01	.2383E-02	0.0005	.1688E-06	.1571E-0
55		*	0.17	0.131	0.000	0.4378	0.0000	.0000E+00	.0000E+00	0.4227	.1195E-01	.2222E-02	0.0006	.2110E-06	.1753E-0
56		*	0.00	0.045	0.034	0.4405	0.0000	.0000E+00	.0000E+00	0.3859	.1091E-01	.2072E-02	0.0006	.2528E-06	.1915E-0
57		*	0.00	0.569	0.000	0.4510	0.0000	.0000E+00	.0000E+00	0.3521	.9955E-02	.1932E-02	0.0007	.2930E-06	.2582E-0
58		*	0.00	0.396	0.000	0.4577	0.0000	.0000E+00	.0000E+00	0.3212	.9081E-02	.1801E-02	0.0007	.3456E-06	.2216E-0
59		*	0.00	0.219	0.045	0.4577	0.0000	.0000E+00	.0000E+00	0.2929	.8281E-02	.1678E-02	0.0008	.3803E-06	.2325E-0
60		*	0.00	0.000	0.000	0.4577	0.0000	.0000E+00	.0000E+00	0.2670	.7548E-02	.1563E-02	0.0008	.4119E-06	.2419E-0
61		*	0.00	0.000	0.000	0.4577	0.0000	.0000E+00	.0000E+00	0.2433	.6878E-02	.1456E-02	0.0008	.4402E-06	.2501E-0
62			0.40	0.257	0.082	0.4631	3.7059	.0000E+00	.2809E-01	0.2495	.7054E-02	.1484E-02	0.0008	.4211E-06	.2446E-0
63			0.00	0.000	0.098	0.4406	4.7264	.0000E+00	.3698E-01	0.3092	.8742E-02	.1748E-02	0.0007	.3293E-06	.2163E-0
64			0.00	0.000	0.117	0.4151	4.3017	.0000E+00	.3604E-01	0.3772	.1066E-01	.2036E-02	0.0006	.2465E-06	.1873E-0
65			0.00	0.000	0.082	0.3956	3.8934	.0000E+00	.3514E-01	0.4370	.1236E-01	.2279E-02	0.0005	.1889E-06	.1640E-0
66			0.00	0.000	0.113	0.3711	3.5906	.0000E+00	.3447E-01	0.4897	.1385E-01	.2487E-02	0.0005	.1483E-06	.1454E-0
67			0.00	0.000	0.087	0.3509	3.2771	.0000E+00	.3378E-01	0.5362	.1516E-01	.2667E-02	0.0004	.1197E-06	.1307E-0
68			0.41	0.000	0.076	0.4010	3.0028	.0000E+00	.3317E-01	0.5771	.1632E-01	.2822E-02	0.0004	.9949E-07	.1192E-0
69	*		0.98	0.000	0.043	0.3987	3.1785	.0000E+00	.3356E-01	0.6140	.1736E-01	.2959E-02	0.0004	.8492E-07	.1102E-0
70			0.00	0.069	0.002	0.5010	4.2168	.0000E+00	.3586E-01	0.6507	.1840E-01	.3095E-02	0.0003	.7279E-07	.1021E-0
71			0.00	0.062	0.095	0.5010	6.0000	.0000E+00	.3980E-01	0.6920	.1957E-01	.3244E-02	0.0003	.6057E-07	.9321E-0
72			0.00	0.000	0.106	0.4768	5.7565	.0000E+00	.3926E-01	0.7357	.2080E-01	.3401E-02	0.0003	.4961E-07	.8444E-0
73			0.06	0.000	0.080	0.4671	5.2532	.0000E+00	.3815E-01	0.7738	.2188E-01	.3536E-02	0.0003	.4286E-07	.7856E-0
74			0.50	0.172	0.086	0.5010	5.5586	.0000E+00	.3882E-01	0.8076	.2284E-01	.3654E-02	0.0002	.3895E-07	.7494E-0
75			0.26	0.255	0.086	0.4809	5.7930	.0000E+00	.3934E-01	0.8402	.2376E-01	.3768E-02	0.0001	.1815E-07	.5347E-0
76			0.13	0.001	0.106	0.4784	5.4075	.0000E+00	.3849E-01	0.8702	.2460E-01	.3871E-02	0.0002	.3680E-07	.7165E-0
77			0.00	0.000	0.127	0.4509	5.1041	.0000E+00	.3782E-01	0.8956	.2532E-01	.3958E-02	0.0002	.3717E-07	.7225E-0
78			0.00	0.000	0.135	0.4223	4.5440	.0000E+00	.3658E-01	0.9166	.2592E-01	.4029E-02	0.0002	.3960E-07	.9468E-0
79			0.04	0.000	0.120	0.4030	4.0430	.0000E+00	.3547E-01	0.9327	.2637E-01	.4084E-02	0.0003	.4492E-07	.8055E-0
80			0.02	0.000	0.078	0.3875	3.7150	.0000E+00	.3475E-01	0.9451	.2672E-01	.4126E-02	0.0003	.5244E-07	.8699E-0
81			0.00	0.000	0.119	0.3619	3.4533	.0000E+00	.3417E-01	0.9546	.2699E-01	.4158E-02	0.0003	.6189E-07	.9446E-0
82			0.00	0.000	0.129	0.3349	3.0790	.0000E+00	.3334E-01	0.9617	.2719E-01	.4181E-02	0.0002	.3668E-07	.7611E-0
83			0.00	0.000	0.136	0.3067	2.7724	.0000E+00	.3266E-01	0.9661	.2732E-01	.4196E-02	0.0004	.8392E-07	.1097E-0
84			0.00	0.000	0.139	0.2783	2.3438	.0000E+00	.3171E-01	0.9682	.2737E-01	.4203E-02	0.0004	.9936E-07	.1194E-0
85			0.00	0.000	0.106	0.2556	1.8808	.0000E+00	.3069E-01	0.9675	.2736E-01	.4201E-02	0.0004	.1174E-06	.1299E-0
86			0.00	0.000	0.112	0.2320	1.5935	.0000E+00	.3006E-01	0.9646	.2727E-01	.4191E-02	0.0005	.1381E-06	.1409E-0
87			0.00	0.000	0.124	0.2064	1.0810	.0000E+00	.2892E-01	0.9598	.2714E-01	.4175E-02	0.0005	.1640E-06	.1919E-0
88			0.00	0.000	0.146	0.1773	0.7354	.0000E+00	.2816E-01	0.9528	.2694E-01	.4152E-02	0.0005	.1946E-06	.1669E-0
89			0.00	0.000	0.083	0.1598	0.2928	.0000E+00	.2186E-01	0.9389	.2655E-01	.4105E-02	0.0006	.2280E-06	.1806E-0

90		0.00	0.000	0.064	0.1492	0.0000	.0000E+00	.0000E+00	0.8943	.2529E-01	.3953E-02	0.0007	.2908E-06	.2038E-0
91		0.23	0.000	0.058	0.1778	0.0000	.0000E+00	.0000E+00	0.8182	.2313E-01	.3691E-02	0.0008	.3915E-06	.2363E-0
92		0.00	0.000	0.047	0.1699	0.0000	.0000E+00	.0000E+00	0.7483	.2116E-01	.3446E-02	0.0009	.4927E-06	.2649E-0
93		0.00	0.000	0.043	0.1628	0.0000	.0000E+00	.0000E+00	0.6843	.1935E-01	.3216E-02	0.0005	.2949E-06	.2174E-0
94	*	0.00	0.000	0.039	0.1562	0.0000	.0000E+00	.0000E+00	0.6256	.1769E-01	.3002E-02	0.0010	.6495E-06	.3845E-0
95		0.04	0.000	0.041	0.1560	0.0000	.0000E+00	.0000E+00	0.5717	.1617E-01	.2801E-02	0.0011	.7694E-06	.3307E-0
96		0.00	0.000	0.034	0.1503	0.0000	.0000E+00	.0000E+00	0.5224	.1477E-01	.2614E-02	0.0006	.4232E-06	.2604E-0
97		0.00	0.000	0.032	0.1449	0.0000	.0000E+00	.0000E+00	0.4771	.1349E-01	.2438E-02	0.0012	.8871E-06	.3571E-0
98		0.50	0.000	0.029	0.2234	0.0000	.0000E+00	.0000E+00	0.4357	.1232E-01	.2274E-02	0.0012	.9486E-06	.3690E-0
99		0.28	0.000	0.107	0.2522	0.0000	.0000E+00	.0000E+00	0.3977	.1124E-01	.2121E-02	0.0012	.1001E-05	.3788E-0
100		0.00	0.000	0.109	0.2340	0.0000	.0000E+00	.0000E+00	0.3629	.1026E-01	.1977E-02	0.0013	.1045E-05	.3868E-0
101		0.00	0.000	0.119	0.2142	0.0000	.0000E+00	.0000E+00	0.3311	.9361E-02	.1843E-02	0.0013	.1080E-05	.3931E-0
102		0.00	0.000	0.144	0.1902	0.0000	.0000E+00	.0000E+00	0.3019	.8537E-02	.1718E-02	0.0013	.1107E-05	.3979E-0
103		0.00	0.000	0.081	0.1768	0.0000	.0000E+00	.0000E+00	0.2753	.7783E-02	.1600E-02	0.0013	.1121E-05	.5011E-0
104		0.00	0.000	0.064	0.1662	0.0000	.0000E+00	.0000E+00	0.2509	.7093E-02	.1491E-02	0.0013	.1151E-05	.4041E-0
105		0.00	0.000	0.054	0.1572	0.0000	.0000E+00	.0000E+00	0.2285	.6462E-02	.1388E-02	0.0007	.5784E-06	.3047E-0
106		0.43	0.000	0.052	0.2203	0.0000	.0000E+00	.0000E+00	0.2081	.5885E-02	.1293E-02	0.0013	.1151E-05	.4051E-0
107		0.00	0.000	0.136	0.1976	0.0000	.0000E+00	.0000E+00	0.1895	.5357E-02	.1203E-02	0.0013	.1141E-05	.5048E-0
108		0.00	0.000	0.043	0.1905	0.0000	.0000E+00	.0000E+00	0.1724	.4875E-02	.1120E-02	0.0013	.1145E-05	.4030E-0
109		0.10	0.000	0.044	0.1998	0.0000	.0000E+00	.0000E+00	0.1568	.4434E-02	.1042E-02	0.0013	.1134E-05	.4010E-0
110		0.00	0.000	0.037	0.1937	0.0000	.0000E+00	.0000E+00	0.1426	.4032E-02	.9687E-03	0.0013	.1120E-05	.3984E-0
111		0.07	0.000	0.039	0.1989	0.0000	.0000E+00	.0000E+00	0.1296	.3664E-02	.9006E-03	0.0007	.5515E-06	.2975E-0
112		0.00	0.000	0.033	0.1934	0.0000	.0000E+00	.0000E+00	0.1177	.3329E-02	.8371E-03	0.0013	.1085E-05	.4901E-0
113		0.00	0.000	0.031	0.1882	0.0000	.0000E+00	.0000E+00	0.1069	.3023E-02	.7778E-03	0.0013	.1064E-05	.3884E-0
114		0.00	0.000	0.030	0.1831	0.0000	.0000E+00	.0000E+00	0.0970	.2744E-02	.7224E-03	0.0013	.1042E-05	.3844E-0
115		0.21	0.000	0.034	0.2125	0.0000	.0000E+00	.0000E+00	0.0880	.2489E-02	.6708E-03	0.0013	.1019E-05	.3802E-0
116		0.00	0.000	0.028	0.2078	0.0000	.0000E+00	.0000E+00	0.0798	.2257E-02	.6226E-03	0.0012	.9958E-06	.3758E-0
117		0.00	0.000	0.028	0.2032	0.0000	.0000E+00	.0000E+00	0.0724	.2046E-02	.5777E-03	0.0006	.4858E-06	.2792E-0
118		0.00	0.000	0.027	0.1987	0.0000	.0000E+00	.0000E+00	0.0655	.1853E-02	.5358E-03	0.0012	.9504E-06	.3676E-0
119		0.00	0.000	0.027	0.1942	0.0000	.0000E+00	.0000E+00	0.0593	.1678E-02	.4968E-03	0.0012	.9259E-06	.4524E-0
120		0.17	0.000	0.030	0.2175	0.0000	.0000E+00	.0000E+00	0.0537	.1518E-02	.4604E-03	0.0012	.8975E-06	.3567E-0
121		0.03	0.000	0.030	0.2175	0.0000	.0000E+00	.0000E+00	0.0486	.1373E-02	.4265E-03	0.0012	.8728E-06	.3518E-0
122		0.00	0.000	0.025	0.2133	0.0000	.0000E+00	.0000E+00	0.0439	.1241E-02	.3949E-03	0.0011	.8482E-06	.3468E-0
123		0.00	0.000	0.025	0.2092	0.0000	.0000E+00	.0000E+00	0.0396	.1121E-02	.3655E-03	0.0006	.4119E-06	.2571E-0
124		0.00	0.000	0.024	0.2052	0.0000	.0000E+00	.0000E+00	0.0358	.1012E-02	.3381E-03	0.0011	.8040E-06	.3380E-0
125		0.00	0.000	0.024	0.2011	0.0000	.0000E+00	.0000E+00	0.0323	.9130E-03	.3126E-03	0.0011	.7805E-06	.3330E-0
126		0.07	0.000	0.028	0.2082	0.0000	.0000E+00	.0000E+00	0.0291	.8231E-03	.2889E-03	0.0011	.7573E-06	.3280E-0
127		0.07	0.000	0.028	0.2152	0.0000	.0000E+00	.0000E+00	0.0262	.7416E-03	.2669E-03	0.0011	.7346E-06	.3231E-0
128		0.00	0.000	0.024	0.2112	0.0000	.0000E+00	.0000E+00	0.0236	.6677E-03	.2464E-03	0.0010	.7086E-06	.3967E-0
129		0.00	0.000	0.024	0.2072	0.0000	.0000E+00	.0000E+00	0.0212	.6007E-03	.2274E-03	0.0010	.6865E-06	.3120E-0
130		0.00	0.000	0.025	0.2030	0.0000	.0000E+00	.0000E+00	0.0191	.5400E-03	.2097E-03	0.0010	.6654E-06	.3072E-0
131		0.12	0.000	0.030	0.2181	0.0000	.0000E+00	.0000E+00	0.0172	.4851E-03	.1933E-03	0.0010	.6449E-06	.3024E-0
132		0.00	0.000	0.202	0.1844	0.0000	.0000E+00	.0000E+00	0.0154	.4354E-03	.1780E-03	0.0010	.6249E-06	.2977E-0
133		0.36	0.000	0.027	0.2399	0.0000	.0000E+00	.0000E+00	0.0138	.3905E-03	.1639E-03	0.0010	.6056E-06	.2931E-0
134		0.88	0.051	0.151	0.3519	0.0349	.0000E+00	.6710E-02	0.0190	.5381E-03	.2080E-03	0.0009	.5642E-06	.2829E-0
135		0.00	0.000	0.188	0.3156	1.0955	.0000E+00	.2895E-01	0.0566	.1599E-02	.4730E-03	0.0004	.2229E-06	.1890E-0
136		0.00	0.000	0.189	0.2792	1.2387	.0000E+00	.2927E-01	0.1267	.3582E-02	.8834E-03	0.0008	.3522E-06	.2181E-0
137		0.00	0.000	0.220	0.2378	1.0288	.0000E+00	.2881E-01	0.1907	.5391E-02	.1208E-02	0.0006	.2427E-06	.1813E-0
138		0.00	0.000	0.206	0.1986	0.8508	.0000E+00	.2841E-01	0.2480	.7013E-02	.1477E-02	0.0005	.1708E-06	.1522E-0
139		0.03	0.000	0.208	0.1643	0.5011	.0000E+00	.2764E-01	0.2991	.8456E-02	.1705E-02	0.0004	.1219E-06	.1287E-0
140		0.20	0.000	0.218	0.1614	0.0219	.0000E+00	.0000E+00	0.3171	.8965E-02	.1783E-02	0.0004	.9974E-07	.1182E-0
141		0.34	0.000	0.090	0.2030	0.0000	.0000E+00	.0000E+00	0.2891	.8175E-02	.1662E-02	0.0004	.1098E-06	.1265E-0
142		0.00	0.000	0.209	0.1682	0.0000	.0000E+00	.0000E+00	0.2635	.7451E-02	.1548E-02	0.0004	.1325E-06	.1741E-0
143		0.00	0.000	0.074	0.1559	0.0000	.0000E+00	.0000E+00	0.2401	.6790E-02	.1442E-02	0.0005	.1630E-06	.1522E-0
144		0.00	0.000	0.064	0.1452	0.0000	.0000E+00	.0000E+00	0.2187	.6184E-02	.1343E-02	0.0005	.1841E-06	.1618E-0
145		0.00	0.000	0.054	0.1362	0.0000	.0000E+00	.0000E+00	0.1992	.5631E-02	.1250E-02	0.0006	.2041E-06	.1703E-0
146		0.00	0.000	0.006	0.1351	0.0000	.0000E+00	.0000E+00	0.1813	.5125E-02	.1163E-02	0.0006	.2226E-06	.1779E-0
147		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1649	.4663E-02	.1082E-02	0.0003	.1203E-06	.1386E-0
148		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1500	.4241E-02	.1007E-02	0.0006	.2488E-06	.2364E-0
149		0.03	0.000	0.010	0.1384	0.0000	.0000E+00	.0000E+00	0.1363	.3855E-02	.9361E-03	0.0006	.2690E-06	.1955E-0
150		0.00	0.000	0.004	0.1376	0.0000	.0000E+00	.0000E+00	0.1239	.3503E-02	.8702E-03	0.0007	.2813E-06	.1999E-0
151		0.00	0.000	0.011	0.1358	0.0000	.0000E+00	.0000E+00	0.1125	.3182E-02	.8087E-03	0.0007	.2921E-06	.2037E-0
152		0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.1022	.2889E-02	.7513E-03	0.0007	.3014E-06	.2069E-0
153		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0927	.2621E-02	.6977E-03	0.0007	.3092E-06	.2095E-0
154		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0841	.2378E-02	.6477E-03	0.0004	.1589E-06	.1591E-0
155		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0762	.2155E-02	.6011E-03	0.0007	.3179E-06	.2130E-0
156		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0691	.1953E-02	.5576E-03	0.0007	.3223E-06	.2145E-0
157		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0626	.1769E-02	.5171E-03	0.0007	.3256E-06	.2155E-0
158		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0566	.1601E-02	.4793E-03	0.0007	.3279E-06	.2162E-0
159		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0512	.1448E-02	.4441E-03	0.0007	.3280E-06	.2705E-0
160		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0463	.1309E-02	.4113E-03	0.0007	.3310E-06	.2168E-0
161		0.18	0.000	0.023	0.1612	0.0000	.0000E+00	.0000E+00	0.0418	.1183E-02	.3808E-03	0.0007	.3305E-06	.2166E-0
162		0.00	0.000	0.020	0.1579	0.0000	.0000E+00	.0000E+00	0.0378	.1068E-02	.3524E-03	0.0007	.3292E-06	.2162E-0
163		0.00	0.000	0.032	0.1525	0.0000	.0000E+00	.0000E+00	0.0341	.9643E-03	.3259E-03	0.0004	.1649E-06	.1620E-0
164		0.00	0.000	0.029	0.1476	0.0000	.0000E+00	.0000E+00	0.0308	.8697E-03	.3013E-03	0.0007	.3246E-06	.2150E-0
165		0.00	0.000	0.030	0.1427	0.0000	.0000E+00	.0000E+00	0.0277	.7838E-03	.2784E-03	0.0007	.3219E-06	.2141E-0
166		0.00	0.000	0.030	0.1377	0.0000	.0000E+00	.0000E+00	0.0250	.7060E-03	.2571E-03	0.0007	.3188E-06	.2130E-0
167		0.00	0.000	0.013	0.1356	0.0000	.0000E+00	.0000E+00	0.0225	.6354E-03	.2373E-03	0.0007	.3153E-06	.2118E-0
168		0.00	0.000	0.003	0.1351	0.0000	.0000E+00	.0000E+00	0.0202	.5714E-03	.2189E-03	0.0007	.3114E-06	.2105E-0
169		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0182	.5136E-03	.2018E-03	0.0007	.3073E-06	.2091E-0
170		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0163	.4612E-03	.1860E-03	0.0007	.3030E-06	.2076E-0
171		0.32	0.000	0.027	0.1839	0.0000	.0000E+00	.0000E+00	0.0146	.4138E-03	.1713E-03	0.0007	.2984E-06	.2571E-0
172		0.00	0.000	0.034	0.1783	0.0000	.0000E+00	.0000E+00	0.0131	.3709E-03	.1576E-03	0.0007	.2930E-06	.2039E-0
173		0.00	0.000	0.038	0.1719	0.0000	.0000E+00	.0000E+00	0.0118	.3323E-03	.1450E-03	0.0007	.2880E-06	.2022E-0
174		0.26	0.000	0.043	0.2081	0.0000	.0000E+00	.0000E+00	0.0105	.2974E-03	.1332E-03	0.0007	.2830E-06	.2004E-0
175		0.59	0.001	0.050	0.2980	0.0000	.0000E+00	.0000E+00	0.0094	.2659E-03	.1223E-03	0.0003	.1389E-06	.1492E-0
176		0.00	0.000	0.293	0.2491	0.0000	.0000E+00	.0000E+00	0.0084	.2375E-03	.1123E-03	0.0007	.2737E-06	.1972E-0
177		0.00	0.000	0.312	0.1971	0.0000	.0000E+00	.0000E+00	0.0075	.2119E-03	.1030E-03	0.0006	.2685E-06	.1954E-0
178		0.06	0.000	0.193	0.1750	0.0000	.0000E+00	.0000E+00	0.0067	.1889E-03	.9435E-04	0.0006	.2634E-06	.1935E-0
179		0.00	0.000	0.125	0.1542	0.0000	.0000E+00	.0000E+00	0.0059	.1682E-03	.8639E-04	0.0006	.2582E-06	.1916E-0
180		0.00	0.000	0.099	0.1378	0.0000	.0000E+00	.0000E+00	0.0053	.1496E-03	.7903E-04	0.0006	.2530E-06	.1896E-0
181		0.08	0.000	0.032	0.1457	0.0000	.0000E+00	.0000E+00	0.0047	.1329E-03	.7223E-04	0.0006	.2479E-06	.1877E-0
182		0.00	0.000	0.044	0.1384	0.0000	.0000E+00	.0000E+00	0.0042	.1179E-03	.6596E-04	0.0006	.2428E-06	.1858E-0
183		0.00	0.000	0.015	0.1359	0.0000	.0000E+00	.0000E+00	0.0037	.1045E-03	.6017E-04	0.0006	.2378E-06	.1838E-0
184		1.67	0.222	0.077	0.3644	0.0000	.0000E+00	.0000E+00	0.0033	.9250E-04	.5484E-04	0.0006	.2328E-06	.2270E-0
185		0.00	0.000	0.241	0.3205	1.1391	.0000E+00	.2242E-01	0.0251	.7100E-03	.2455E-03	0.0005	.1807E-06	.1602E-0

186	0.07	0.000	0.183	0.2967	1.7888	.0000E+00	.3049E-01	0.0888	.2510E-02	.6717E-03	0.0004	.9519E-07	.1163E-0
187	0.13	0.000	0.243	0.2729	1.6230	.0000E+00	.3012E-01	0.1593	.4506E-02	.1053E-02	0.0003	.4279E-07	.7804E-0
188	0.00	0.000	0.196	0.2352	1.4826	.0000E+00	.2981E-01	0.2229	.6302E-02	.1361E-02	0.0002	.1614E-07	.4800E-0
189	0.00	0.000	0.216	0.1943	1.0844	.0000E+00	.2893E-01	0.2796	.7906E-02	.1619E-02	0.0000	.1966E-08	.1765E-0
190	0.19	0.000	0.159	0.1948	0.7057	.0000E+00	.2809E-01	0.3292	.9309E-02	.1835E-02	0.0000	.1266E-08	.9188E-0
191	0.47	0.000	0.201	0.2352	0.2664	.0000E+00	.2712E-01	0.3724	.1053E-01	.2016E-02	0.0000	.5011E-10	.1335E-0
192	0.01	0.000	0.281	0.1900	0.0021	.0000E+00	.0000E+00	0.3833	.1084E-01	.2062E-02	0.0000	.0000E+00	.0000E+0
193	0.00	0.000	0.244	0.1493	0.0000	.0000E+00	.0000E+00	0.3498	.9890E-02	.1922E-02	0.0000	.1123E-09	.4113E-0
194	0.00	0.000	0.086	0.1350	0.0000	.0000E+00	.0000E+00	0.3190	.9021E-02	.1792E-02	0.0001	.2691E-08	.1970E-0
195	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2909	.8226E-02	.1669E-02	0.0001	.8101E-08	.3407E-0
196	0.12	0.000	0.049	0.1469	0.0000	.0000E+00	.0000E+00	0.2652	.7498E-02	.1555E-02	0.0001	.7820E-08	.3530E-0
197	0.00	0.000	0.048	0.1388	0.0000	.0000E+00	.0000E+00	0.2416	.6832E-02	.1449E-02	0.0002	.2135E-07	.5639E-0
198	0.56	0.000	0.085	0.2181	0.0000	.0000E+00	.0000E+00	0.2201	.6224E-02	.1349E-02	0.0002	.3110E-07	.6773E-0
199	0.71	0.013	0.188	0.3029	0.0000	.0000E+00	.0000E+00	0.2004	.5667E-02	.1256E-02	0.0002	.4165E-07	.7811E-0
200	0.13	0.000	0.278	0.2750	0.0334	.0000E+00	.1997E-01	0.2023	.5719E-02	.1265E-02	0.0003	.4562E-07	.8049E-0
201	0.00	0.000	0.297	0.2229	0.0353	.0000E+00	.1575E-01	0.2318	.6555E-02	.1404E-02	0.0002	.3691E-07	.7065E-0
202	0.00	0.000	0.309	0.1714	0.0000	.0000E+00	.0000E+00	0.2365	.6686E-02	.1425E-02	0.0002	.3145E-07	.8341E-0
203	0.02	0.000	0.212	0.1395	0.0000	.0000E+00	.0000E+00	0.2154	.6090E-02	.1327E-02	0.0003	.4191E-07	.7727E-0
204	0.14	0.000	0.096	0.1467	0.0000	.0000E+00	.0000E+00	0.1961	.5544E-02	.1235E-02	0.0003	.5334E-07	.8714E-0
205	0.29	0.000	0.099	0.1786	0.0000	.0000E+00	.0000E+00	0.1785	.5046E-02	.1149E-02	0.0002	.3242E-07	.7207E-0
206	0.00	0.000	0.117	0.1591	0.0000	.0000E+00	.0000E+00	0.1624	.4591E-02	.1069E-02	0.0003	.7215E-07	.1023E-0
207	0.72	0.000	0.142	0.2554	0.0000	.0000E+00	.0000E+00	0.1476	.4175E-02	.9947E-03	0.0004	.8344E-07	.1378E-0
208	0.00	0.000	0.264	0.2113	0.0000	.0000E+00	.0000E+00	0.1342	.3795E-02	.9250E-03	0.0004	.9856E-07	.1184E-0
209	0.00	0.000	0.229	0.1731	0.0000	.0000E+00	.0000E+00	0.1219	.3448E-02	.8598E-03	0.0004	.1089E-06	.1244E-0
210	0.00	0.000	0.198	0.1402	0.0000	.0000E+00	.0000E+00	0.1108	.3132E-02	.7990E-03	0.0004	.1185E-06	.1298E-0
211	0.00	0.000	0.031	0.1350	0.0000	.0000E+00	.0000E+00	0.1005	.2843E-02	.7422E-03	0.0004	.1275E-06	.1346E-0
212	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0912	.2580E-02	.6892E-03	0.0005	.1358E-06	.1389E-0
213	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0827	.2339E-02	.6398E-03	0.0005	.1434E-06	.1427E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0750	.2121E-02	.5937E-03	0.0005	.1502E-06	.1461E-0
215	0.08	0.000	0.028	0.1437	0.0000	.0000E+00	.0000E+00	0.0680	.1921E-02	.5508E-03	0.0005	.1563E-06	.1490E-0
216	0.00	0.000	0.036	0.1377	0.0000	.0000E+00	.0000E+00	0.0615	.1740E-02	.5107E-03	0.0005	.1617E-06	.1516E-0
217	0.00	0.000	0.010	0.1360	0.0000	.0000E+00	.0000E+00	0.0557	.1575E-02	.4734E-03	0.0005	.1665E-06	.1538E-0
218	0.00	0.000	0.005	0.1353	0.0000	.0000E+00	.0000E+00	0.0504	.1424E-02	.4386E-03	0.0005	.1705E-06	.1556E-0
219	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0455	.1288E-02	.4062E-03	0.0003	.8747E-07	.1181E-0
220	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0411	.1163E-02	.3760E-03	0.0005	.1753E-06	.1582E-0
221	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0372	.1051E-02	.3479E-03	0.0005	.1778E-06	.1593E-0
222	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0335	.9480E-03	.3217E-03	0.0005	.1798E-06	.2001E-0
223	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0302	.8549E-03	.2974E-03	0.0005	.1823E-06	.1609E-0
224	0.13	0.000	0.059	0.1468	0.0000	.0000E+00	.0000E+00	0.0272	.7704E-03	.2748E-03	0.0005	.1832E-06	.1613E-0
225	0.00	0.000	0.048	0.1388	0.0000	.0000E+00	.0000E+00	0.0245	.6938E-03	.2537E-03	0.0005	.1837E-06	.1615E-0
226	0.00	0.000	0.016	0.1361	0.0000	.0000E+00	.0000E+00	0.0221	.6244E-03	.2342E-03	0.0003	.9193E-07	.1214E-0
227	0.00	0.000	0.005	0.1353	0.0000	.0000E+00	.0000E+00	0.0199	.5615E-03	.2160E-03	0.0005	.1832E-06	.1615E-0
228	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0178	.5045E-03	.1991E-03	0.0005	.1828E-06	.1613E-0
229	0.21	0.000	0.066	0.1591	0.0000	.0000E+00	.0000E+00	0.0160	.4530E-03	.1835E-03	0.0005	.1821E-06	.1610E-0
230	0.54	0.000	0.103	0.2320	0.0000	.0000E+00	.0000E+00	0.0144	.4064E-03	.1689E-03	0.0005	.1812E-06	.1606E-0
231	0.00	0.000	0.157	0.2059	0.0000	.0000E+00	.0000E+00	0.0129	.3643E-03	.1555E-03	0.0005	.1800E-06	.1999E-0
232	0.00	0.000	0.178	0.1762	0.0000	.0000E+00	.0000E+00	0.0115	.3263E-03	.1430E-03	0.0005	.1786E-06	.1593E-0
233	0.00	0.000	0.148	0.1515	0.0000	.0000E+00	.0000E+00	0.0103	.2919E-03	.1314E-03	0.0005	.1770E-06	.1586E-0
234	0.08	0.000	0.111	0.1464	0.0000	.0000E+00	.0000E+00	0.0092	.2610E-03	.1206E-03	0.0003	.8813E-07	.1185E-0
235	0.00	0.000	0.049	0.1382	0.0000	.0000E+00	.0000E+00	0.0082	.2331E-03	.1107E-03	0.0005	.1735E-06	.1571E-0
236	0.00	0.000	0.014	0.1359	0.0000	.0000E+00	.0000E+00	0.0074	.2079E-03	.1015E-03	0.0005	.1715E-06	.1562E-0
237	0.01	0.000	0.014	0.1353	0.0000	.0000E+00	.0000E+00	0.0066	.1853E-03	.9299E-04	0.0005	.1695E-06	.1552E-0
238	0.25	0.000	0.074	0.1646	0.0000	.0000E+00	.0000E+00	0.0058	.1650E-03	.8513E-04	0.0005	.1673E-06	.1542E-0
239	0.00	0.000	0.107	0.1467	0.0000	.0000E+00	.0000E+00	0.0052	.1467E-03	.7787E-04	0.0005	.1651E-06	.1532E-0
240	0.00	0.000	0.047	0.1389	0.0000	.0000E+00	.0000E+00	0.0046	.1303E-03	.7116E-04	0.0005	.1628E-06	.1521E-0
241	0.00	0.000	0.018	0.1359	0.0000	.0000E+00	.0000E+00	0.0041	.1156E-03	.6497E-04	0.0005	.1604E-06	.1510E-0
242	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0036	.1024E-03	.5926E-04	0.0005	.1580E-06	.1499E-0
243	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0032	.9064E-04	.5400E-04	0.0005	.1556E-06	.1487E-0
244	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0028	.8009E-04	.4915E-04	0.0005	.1531E-06	.1475E-0
245	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0025	.7067E-04	.4470E-04	0.0005	.1507E-06	.1463E-0
246	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0022	.6227E-04	.4060E-04	0.0005	.1482E-06	.1812E-0
247	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0019	.5478E-04	.3683E-04	0.0005	.1452E-06	.1436E-0
248	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0017	.4811E-04	.3337E-04	0.0005	.1428E-06	.1424E-0
249	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0015	.4218E-04	.3020E-04	0.0005	.1403E-06	.1412E-0
250	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0013	.3692E-04	.2729E-04	0.0005	.1379E-06	.1400E-0
251	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0011	.3225E-04	.2463E-04	0.0005	.1355E-06	.1387E-0
252	1.39	0.122	0.073	0.3342	0.0000	.0000E+00	.0000E+00	0.0010	.2812E-04	.2220E-04	0.0005	.1331E-06	.1375E-0
253	0.00	0.000	0.191	0.2988	0.6175	.0000E+00	.2126E-01	0.0219	.6202E-03	.2179E-03	0.0004	.9584E-07	.1167E-0
254	0.00	0.000	0.192	0.2621	0.9827	.0000E+00	.2870E-01	0.0823	.2326E-02	.6338E-03	0.0002	.3907E-07	.7454E-0
255	1.71	0.278	0.149	0.4711	1.1187	.0000E+00	.2901E-01	0.1494	.4226E-02	.1003E-02	0.0001	.1009E-07	.3792E-0
256	0.00	0.000	0.208	0.4303	4.7426	.0000E+00	.3702E-01	0.2192	.6198E-02	.1344E-02	0.0000	.1608E-09	.4857E-0
257	0.00	0.000	0.137	0.4015	4.1482	.0000E+00	.3570E-01	0.2946	.8329E-02	.1685E-02	0.0000	.0000E+00	.0000E+0
258	0.00	0.000	0.155	0.3698	3.7076	.0000E+00	.3473E-01	0.3604	.1019E-01	.1966E-02	0.0000	.0000E+00	.0000E+0
259	0.00	0.000	0.146	0.3398	3.2567	.0000E+00	.3373E-01	0.4181	.1182E-01	.2204E-02	0.0000	.0000E+00	.0000E+0
260	0.00	0.000	0.109	0.3161	2.9279	.0000E+00	.3301E-01	0.4687	.1325E-01	.2405E-02	0.0000	.0000E+00	.0000E+0
261	0.00	0.000	0.152	0.2855	2.5407	.0000E+00	.3215E-01	0.5130	.1450E-01	.2578E-02	0.0000	.0000E+00	.0000E+0
262	0.00	0.000	0.137	0.2575	1.9507	.0000E+00	.3084E-01	0.5509	.1558E-01	.2723E-02	0.0000	.0000E+00	.0000E+0
263	0.00	0.000	0.116	0.2331	1.6279	.0000E+00	.3013E-01	0.5828	.1648E-01	.2843E-02	0.0000	.0000E+00	.0000E+0
264	0.00	0.000	0.117	0.2088	1.1178	.0000E+00	.2900E-01	0.6099	.1724E-01	.2944E-02	0.0000	.0000E+00	.0000E+0
265	0.08	0.000	0.100	0.2007	0.8716	.0000E+00	.2846E-01	0.6323	.1788E-01	.3027E-02	0.0000	.0000E+00	.0000E+0
266	0.00	0.000	0.077	0.1832	0.6956	.0000E+00	.2807E-01	0.6515	.1842E-01	.3097E-02	0.0000	.0000E+00	.0000E+0
267	0.00	0.000	0.111	0.1609	0.3357	.0000E+00	.2234E-01	0.6629	.1874E-01	.3139E-02	0.0000	.0000E+00	.0000E+0
268	0.00	0.000	0.132	0.1389	0.0000	.0000E+00	.0000E+00	0.6419	.1815E-01	.3062E-02	0.0000	.0000E+00	.0000E+0
269	0.20	0.000	0.082	0.1587	0.0000	.0000E+00	.0000E+00	0.5867	.1659E-01	.2857E-02	0.0000	.0000E+00	.0000E+0
270	0.00	0.000	0.039	0.1522	0.0000	.0000E+00	.0000E+00	0.5361	.1516E-01	.2666E-02	0.0000	.0000E+00	.0000E+0
271	0.00	0.000	0.048	0.1441	0.0000	.0000E+00	.0000E+00	0.4897	.1385E-01	.2487E-02	0.0000	.0000E+00	.0000E+0
272	0.30	0.000	0.070	0.1824	0.0000	.0000E+00	.0000E+00	0.4472	.1264E-01	.2320E-02	0.0000	.0000E+00	.0000E+0
273	0.00	0.000	0.078	0.1695	0.0000	.0000E+00	.0000E+00	0.4082	.1154E-01	.2164E-02	0.0000	.0000E+00	.0000E+0
274	0.00	0.000	0.045	0.1619	0.0000	.0000E+00	.0000E+00	0.3726	.1053E-01	.2017E-02	0.0000	.0000E+00	.0000E+0
275	0.00	0.000	0.042	0.1548	0.0000	.0000E+00	.0000E+00	0.3399	.9612E-02	.1881E-02	0.0000	.9097E-09	.1152E-0
276	0.00	0.000	0.036	0.1488	0.0000	.0000E+00	.0000E+00	0.3100	.8766E-02	.1753E-02	0.0001	.4966E-08	.2671E-0
277	0.00	0.000	0.037	0.1426	0.0000	.0000E+00	.0000E+00	0.2827	.7993E-02	.1633E-02	0.0001	.1157E-07	.4069E-0
278	0.00	0.000	0.034	0.1369	0.0000	.0000E+00	.0000E+00	0.2576	.7285E-02	.1521E-02	0.0002	.2007E-07	.5353E-0
279	0.31	0.000	0.046	0.1808	0.0000	.0000E+00	.0000E+00	0.2347	.6637E-02	.1417E-02	0.0002	.2991E-07	.6530E-0
280	0.00	0.000	0.060	0.1708	0.0000	.0000E+00	.0000E+00	0.2138	.6045E-02	.1319E-02	0.0003	.4061E-07	.7606E-0
281	0.35	0.000	0.050	0.2209	0.0000	.0000E+00	.0000E+00	0.1946	.5504E-02	.1228E-02	0.0003	.5182E-07	.8589E-0

282		0.07	0.000	0.071	0.2207	0.0000	.0000E+00	.0000E+00	0.1771	.5009E-02	.1143E-02	0.0003	.6321E-07	.9484E-0
283		0.06	0.000	0.073	0.2185	0.0000	.0000E+00	.0000E+00	0.1612	.4557E-02	.1063E-02	0.0003	.7454E-07	.1030E-0
284		0.00	0.000	0.065	0.2077	0.0000	.0000E+00	.0000E+00	0.1465	.4144E-02	.9891E-03	0.0004	.8561E-07	.1103E-0
285		0.00	0.000	0.074	0.1954	0.0000	.0000E+00	.0000E+00	0.1332	.3766E-02	.9197E-03	0.0004	.9628E-07	.1170E-0
286		0.00	0.000	0.064	0.1846	0.0000	.0000E+00	.0000E+00	0.1210	.3422E-02	.8549E-03	0.0002	.5334E-07	.9231E-0
287		0.09	0.000	0.070	0.1879	0.0000	.0000E+00	.0000E+00	0.1099	.3108E-02	.7944E-03	0.0004	.1123E-06	.1271E-0
288		0.00	0.000	0.073	0.1758	0.0000	.0000E+00	.0000E+00	0.0998	.2821E-02	.7379E-03	0.0004	.1211E-06	.1652E-0
289		0.00	0.000	0.065	0.1649	0.0000	.0000E+00	.0000E+00	0.0905	.2560E-02	.6852E-03	0.0005	.1331E-06	.1375E-0
290		0.34	0.000	0.070	0.2098	0.0000	.0000E+00	.0000E+00	0.0821	.2322E-02	.6361E-03	0.0005	.1405E-06	.1413E-0
291		0.00	0.000	0.049	0.2015	0.0000	.0000E+00	.0000E+00	0.0744	.2104E-02	.5903E-03	0.0002	.7398E-07	.1086E-0
292		0.00	0.000	0.066	0.1905	0.0000	.0000E+00	.0000E+00	0.0674	.1907E-02	.5475E-03	0.0005	.1508E-06	.1469E-0
293		0.47	0.000	0.068	0.2575	0.0000	.0000E+00	.0000E+00	0.0611	.1726E-02	.5077E-03	0.0005	.1563E-06	.1495E-0
294		0.63	0.008	0.077	0.3471	0.1335	.0000E+00	.6928E-02	0.0621	.1757E-02	.5144E-03	0.0005	.1555E-06	.1486E-0
295		0.49	0.001	0.064	0.4127	2.2420	.0000E+00	.3149E-01	0.0986	.2788E-02	.7282E-03	0.0005	.1263E-06	.1311E-0
296		0.00	0.000	0.052	0.3984	3.4882	.0000E+00	.3424E-01	0.1740	.4921E-02	.1126E-02	0.0003	.7214E-07	.9548E-0
297		0.00	0.000	0.065	0.3820	3.2459	.0000E+00	.3371E-01	0.2468	.6978E-02	.1472E-02	0.0002	.3012E-07	.6027E-0
298		0.05	0.000	0.072	0.3728	3.0031	.0000E+00	.3317E-01	0.3120	.8821E-02	.1761E-02	0.0001	.9203E-08	.3156E-0
299		0.00	0.000	0.078	0.3544	2.8266	.0000E+00	.3278E-01	0.3703	.1047E-01	.2008E-02	0.0000	.1258E-08	.8209E-0
300		0.00	0.000	0.074	0.3368	2.6927	.0000E+00	.3249E-01	0.4229	.1196E-01	.2223E-02	0.0000	.2618E-10	.9649E-0
301		0.00	0.000	0.076	0.3188	2.5030	.0000E+00	.3207E-01	0.4701	.1329E-01	.2411E-02	0.0000	.0000E+00	.0000E+0
302		0.02	0.000	0.058	0.3072	2.3027	.0000E+00	.3162E-01	0.5122	.1448E-01	.2575E-02	0.0000	.0000E+00	.0000E+0
303		0.00	0.000	0.056	0.2927	2.1034	.0000E+00	.3118E-01	0.5497	.1554E-01	.2718E-02	0.0000	.0000E+00	.0000E+0
304		0.15	0.000	0.060	0.3025	1.9284	.0000E+00	.3080E-01	0.5829	.1648E-01	.2844E-02	0.0000	.0000E+00	.0000E+0
305		0.17	0.000	0.065	0.3150	1.7706	.0000E+00	.3045E-01	0.6124	.1732E-01	.2954E-02	0.0000	.0000E+00	.0000E+0
306		0.00	0.000	0.074	0.2975	1.6067	.0000E+00	.3008E-01	0.6386	.1806E-01	.3050E-02	0.0000	.0000E+00	.0000E+0
307		0.00	0.000	0.066	0.2815	1.4460	.0000E+00	.2973E-01	0.6616	.1871E-01	.3134E-02	0.0000	.0000E+00	.0000E+0
308		0.00	0.000	0.073	0.2644	1.2885	.0000E+00	.2938E-01	0.6818	.1928E-01	.3207E-02	0.0000	.0000E+00	.0000E+0
309		0.15	0.000	0.078	0.2715	1.1250	.0000E+00	.2902E-01	0.6994	.1977E-01	.3271E-02	0.0000	.0000E+00	.0000E+0
310		0.06	0.000	0.078	0.2636	0.9572	.0000E+00	.2865E-01	0.7145	.2020E-01	.3325E-02	0.0000	.0000E+00	.0000E+0
311		0.00	0.000	0.046	0.2513	0.8233	.0000E+00	.2835E-01	0.7276	.2057E-01	.3372E-02	0.0000	.0000E+00	.0000E+0
312		0.88	0.017	0.071	0.3786	0.6857	.0000E+00	.2805E-01	0.7387	.2089E-01	.3412E-02	0.0000	.0000E+00	.0000E+0
313		0.00	0.000	0.065	0.3626	2.3321	.0000E+00	.3169E-01	0.7521	.2127E-01	.3459E-02	0.0000	.0000E+00	.0000E+0
314		0.00	0.000	0.067	0.3460	2.4056	.0000E+00	.3185E-01	0.7704	.2178E-01	.3524E-02	0.0000	.0000E+00	.0000E+0
315		0.03	0.000	0.064	0.3350	2.2119	.0000E+00	.3142E-01	0.7870	.2225E-01	.3582E-02	0.0000	.0000E+00	.0000E+0
316		0.10	0.000	0.071	0.3346	2.0129	.0000E+00	.3098E-01	0.8011	.2265E-01	.3632E-02	0.0000	.0000E+00	.0000E+0
317		0.00	0.000	0.070	0.3179	1.8567	.0000E+00	.3064E-01	0.8130	.2299E-01	.3673E-02	0.0000	.0000E+00	.0000E+0
318		0.00	0.000	0.053	0.3040	1.6904	.0000E+00	.3027E-01	0.8230	.2327E-01	.3708E-02	0.0000	.0000E+00	.0000E+0
319		0.00	0.000	0.054	0.2900	1.5298	.0000E+00	.2991E-01	0.8312	.2350E-01	.3736E-02	0.0000	.0000E+00	.0000E+0
320		0.00	0.000	0.056	0.2757	1.3702	.0000E+00	.2956E-01	0.8378	.2369E-01	.3759E-02	0.0000	.0000E+00	.0000E+0
321		0.52	0.000	0.059	0.3477	1.2132	.0000E+00	.2921E-01	0.8430	.2384E-01	.3777E-02	0.0000	.0000E+00	.0000E+0
322		0.00	0.000	0.053	0.3339	1.4990	.0000E+00	.2985E-01	0.8478	.2397E-01	.3794E-02	0.0000	.0000E+00	.0000E+0
323		0.00	0.000	0.059	0.3191	1.5284	.0000E+00	.2991E-01	0.8533	.2413E-01	.3813E-02	0.0000	.0000E+00	.0000E+0
324		0.00	0.000	0.055	0.3051	1.3740	.0000E+00	.2957E-01	0.8581	.2426E-01	.3829E-02	0.0000	.0000E+00	.0000E+0
325		0.15	0.000	0.064	0.3145	1.2163	.0000E+00	.2922E-01	0.8616	.2436E-01	.3841E-02	0.0000	.0000E+00	.0000E+0
326		0.00	0.000	0.049	0.3015	1.0439	.0000E+00	.2884E-01	0.8638	.2443E-01	.3849E-02	0.0000	.0000E+00	.0000E+0
327		0.00	0.000	0.057	0.2872	0.9244	.0000E+00	.2858E-01	0.8650	.2446E-01	.3853E-02	0.0000	.1989E-09	.5379E-0
328		0.42	0.000	0.060	0.3425	0.8153	.0000E+00	.2833E-01	0.8655	.2447E-01	.3855E-02	0.0000	.1534E-08	.2054E-0
329		0.16	0.000	0.064	0.3536	1.4969	.0000E+00	.2984E-01	0.8670	.2451E-01	.3860E-02	0.0001	.4972E-08	.2711E-0
330		0.54	0.006	0.058	0.4275	2.5185	.0000E+00	.3210E-01	0.8731	.2469E-01	.3881E-02	0.0001	.8354E-08	.3501E-0
331		0.00	0.000	0.060	0.4117	3.8671	.0000E+00	.3508E-01	0.8852	.2503E-01	.3922E-02	0.0001	.1146E-07	.4093E-0
332		0.00	0.000	0.046	0.3983	3.7361	.0000E+00	.3479E-01	0.9009	.2547E-01	.3976E-02	0.0001	.1441E-07	.4586E-0
333		0.00	0.000	0.042	0.3856	3.5705	.0000E+00	.3443E-01	0.9144	.2586E-01	.4022E-02	0.0002	.1838E-07	.5173E-0
334		0.00	0.000	0.041	0.3730	3.3869	.0000E+00	.3402E-01	0.9259	.2618E-01	.4061E-02	0.0002	.2354E-07	.5848E-0
335		0.00	0.000	0.035	0.3615	3.2058	.0000E+00	.3362E-01	0.9353	.2645E-01	.4093E-02	0.0001	.1379E-07	.4850E-0
336	*	0.00	0.000	0.029	0.3512	3.0082	.0000E+00	.3318E-01	0.9429	.2666E-01	.4118E-02	0.0002	.3628E-07	.7218E-0
337	*	0.00	0.000	0.000	0.3458	2.8375	.0000E+00	.3281E-01	0.9488	.2683E-01	.4138E-02	0.0003	.4549E-07	.8085E-0
338	*	0.00	0.000	0.030	0.3354	2.6778	.0000E+00	.3245E-01	0.9532	.2695E-01	.4153E-02	0.0003	.5636E-07	.9000E-0
339	*	0.15	0.000	0.037	0.3333	2.5138	.0000E+00	.3209E-01	0.9564	.2704E-01	.4164E-02	0.0003	.6895E-07	.9954E-0
340		0.02	0.000	0.046	0.3392	2.3664	.0000E+00	.3176E-01	0.9584	.2710E-01	.4170E-02	0.0004	.8327E-07	.1094E-0
341		0.00	0.000	0.049	0.3257	2.2316	.0000E+00	.3147E-01	0.9594	.2713E-01	.4174E-02	0.0004	.9931E-07	.1194E-0
342		0.00	0.000	0.049	0.3124	2.0427	.0000E+00	.3105E-01	0.9594	.2713E-01	.4174E-02	0.0004	.1171E-06	.1296E-0
343		0.14	0.000	0.057	0.3211	1.8913	.0000E+00	.3071E-01	0.9584	.2710E-01	.4170E-02	0.0005	.1365E-06	.1400E-0
344		0.06	0.000	0.047	0.3183	1.7358	.0000E+00	.3037E-01	0.9566	.2705E-01	.4164E-02	0.0005	.1602E-06	.1895E-0
345	*	0.39	0.000	0.035	0.3165	1.5869	.0000E+00	.3004E-01	0.9541	.2698E-01	.4156E-02	0.0005	.1863E-06	.1634E-0
346		0.00	0.000	0.024	0.3363	1.4490	.0000E+00	.2974E-01	0.9509	.2689E-01	.4145E-02	0.0006	.2107E-06	.1737E-0
347		0.00	0.000	0.039	0.3347	1.3184	.0000E+00	.2945E-01	0.9473	.2678E-01	.4133E-02	0.0006	.2362E-06	.1838E-0
348		0.09	0.000	0.024	0.3582	1.3135	.0000E+00	.2944E-01	0.9434	.2668E-01	.4120E-02	0.0006	.2625E-06	.1938E-0
349	*	0.00	0.000	0.034	0.3475	1.5974	.0000E+00	.3006E-01	0.9405	.2659E-01	.4110E-02	0.0003	.1413E-06	.1515E-0
350	*	0.00	0.000	0.034	0.3368	1.7248	.0000E+00	.3035E-01	0.9391	.2655E-01	.4106E-02	0.0007	.3068E-06	.2631E-0
351		0.32	0.000	0.046	0.3774	1.7541	.0000E+00	.3041E-01	0.9384	.2653E-01	.4103E-02	0.0007	.3375E-06	.2196E-0
352	*	0.97	0.000	0.032	0.3753	2.6033	.0000E+00	.3229E-01	0.9396	.2657E-01	.4107E-02	0.0007	.3598E-06	.2267E-0
353	*	0.47	0.000	0.025	0.3732	2.5682	.0000E+00	.3221E-01	0.9438	.2669E-01	.4121E-02	0.0008	.3792E-06	.2327E-0
354	*	0.51	0.000	0.028	0.3712	2.4952	.0000E+00	.3205E-01	0.9473	.2678E-01	.4133E-02	0.0004	.1997E-06	.1784E-0
355		0.00	0.000	0.039	0.3691	2.4262	.0000E+00	.3190E-01	0.9501	.2686E-01	.4142E-02	0.0008	.4157E-06	.3054E-0
356		0.00	0.000	0.031	0.3767	2.3303	.0000E+00	.3168E-01	0.9522	.2692E-01	.4150E-02	0.0008	.4424E-06	.2513E-0
357	*	0.00	0.000	0.035	0.3747	2.3518	.0000E+00	.3173E-01	0.9538	.2697E-01	.4155E-02	0.0008	.4648E-06	.2575E-0
358	*	0.00	0.000	0.032	0.3727	2.4594	.0000E+00	.3197E-01	0.9556	.2702E-01	.4161E-02	0.0009	.4868E-06	.2635E-0
359	*	0.00	0.000	0.034	0.3707	2.4478	.0000E+00	.3194E-01	0.9576	.2708E-01	.4168E-02	0.0004	.2512E-06	.2014E-0
360	*	0.00	0.000	0.033	0.3687	2.4038	.0000E+00	.3185E-01	0.9594	.2713E-01	.4174E-02	0.0009	.5251E-06	.2736E-0
361	*	0.00	0.000	0.033	0.3667	2.3514	.0000E+00	.3173E-01	0.9607	.2716E-01	.4178E-02	0.0009	.5471E-06	.3500E-0
362	*	0.00	0.000	0.031	0.3648	2.2974	.0000E+00	.3161E-01	0.9616	.2719E-01	.4181E-02	0.0009	.5749E-06	.2863E-0
363	* *	0.06	0.000	0.029	0.3599	1.2623	.0000E+00	.2932E-01	0.9599	.2714E-01	.4176E-02	0.0010	.6003E-06	.2925E-0
364	* *	0.13	0.000	0.028	0.3552	0.8158	.0000E+00	.2834E-01	0.9538	.2697E-01	.4155E-02	0.0010	.6314E-06	.3000E-0
365	* *	0.00	0.000	0.033	0.3505	0.6857	.0000E+00	.2805E-01	0.9462	.2675E-01	.4129E-02	0.0010	.6635E-06	.3075E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 11

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC

PRECIPITATION	5.52	3.68	2.80	2.03	2.13	1.49
	5.23	1.30	3.68	3.03	3.18	3.31
RUNOFF	4.619	2.407	0.815	0.000	0.051	0.001
	0.236	0.000	0.400	0.009	0.023	0.000
EVAPOTRANSPIRATION	0.445	0.754	2.879	1.620	2.420	1.430
	4.826	1.300	2.619	1.892	1.820	1.056
PERCOLATION/LEAKAGE THROUGH	0.0000	0.4212	0.9571	0.0000	0.1498	0.0000
LAYER 2	0.2327	0.0000	0.4542	0.3305	0.9138	0.9657
LATERAL DRAINAGE COLLECTED	0.1962	0.2796	0.6415	0.2480	0.1047	0.0286
FROM LAYER 3	0.1665	0.0231	0.2642	0.2073	0.6819	0.8337
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0401	0.0518	0.1038	0.0478	0.0245	0.0091
LAYER 4	0.0359	0.0078	0.0477	0.0426	0.1091	0.1285
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1417	0.0546	0.0412	0.1107	0.0739	0.0617
LAYER 7	0.0268	0.0480	0.0155	0.0233	0.0029	0.0615

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.000	0.997	3.300	0.000	0.154	0.000
TOP OF LAYER 2	0.263	0.000	1.021	0.854	1.777	2.089
STD. DEVIATION OF DAILY	0.000	1.586	1.848	0.000	0.367	0.000
HEAD ON TOP OF LAYER 2	0.546	0.000	1.432	1.280	0.881	0.617
AVERAGE DAILY HEAD ON	0.224	0.353	0.732	0.292	0.119	0.034
TOP OF LAYER 4	0.190	0.026	0.311	0.237	0.804	0.951
STD. DEVIATION OF DAILY	0.178	0.211	0.252	0.224	0.101	0.028
HEAD ON TOP OF LAYER 4	0.107	0.023	0.261	0.153	0.085	0.008
AVERAGE DAILY HEAD ON	0.001	0.001	0.000	0.001	0.001	0.001
TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 11

	INCHES	CU. FEET	PERCENT
PRECIPITATION	37.38	339223.437	100.00
RUNOFF	8.560	77686.414	22.90
EVAPOTRANSPIRATION	23.061	209279.781	61.69
PERC./LEAKAGE THROUGH LAYER 2	4.424922	40156.172	11.84
AVG. HEAD ON TOP OF LAYER 2	0.8713		
DRAINAGE COLLECTED FROM LAYER 3	3.6753	33353.227	9.83
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.648791	5887.783	1.74
AVG. HEAD ON TOP OF LAYER 4	0.3561		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	1.140	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.661718	6005.091	1.77
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	1.421	12897.864	3.80
SOIL WATER AT START OF YEAR	284.775	2584331.250	
SOIL WATER AT END OF YEAR	284.992	2586300.750	
SNOW WATER AT START OF YEAR	0.219	1988.107	0.59
SNOW WATER AT END OF YEAR	1.423	12916.323	3.81

ANNUAL WATER BUDGET BALANCE 0.0000 -0.077 0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 12

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1	*	*	0.00	0.000	0.034	0.3458	0.5570	.0000E+00	.2776E-01	0.9385	.2654E-01	.4104E-02	0.0005	.3450E-06	.2356E-0
2	*	*	0.00	0.000	0.027	0.3413	0.4295	.0000E+00	.2748E-01	0.9308	.2632E-01	.4077E-02	0.0011	.7162E-06	.3197E-0
3	*	*	0.00	0.000	0.025	0.3367	0.3033	.0000E+00	.2720E-01	0.9229	.2610E-01	.4051E-02	0.0011	.7457E-06	.3262E-0
4	*	*	0.00	0.000	0.031	0.3322	0.1785	.0000E+00	.2693E-01	0.9150	.2587E-01	.4024E-02	0.0011	.7741E-06	.3323E-0
5	*	*	0.00	0.000	0.031	0.3286	0.0549	.0000E+00	.2192E-01	0.9023	.2551E-01	.3981E-02	0.0011	.8059E-06	.3393E-0
6		*	0.00	0.070	0.016	0.3583	0.0000	.0000E+00	.0000E+00	0.8608	.2434E-01	.3838E-02	0.0012	.8683E-06	.3533E-0
7		*	0.00	0.521	0.000	0.3951	0.0000	.0000E+00	.0000E+00	0.7874	.2226E-01	.3584E-02	0.0012	.9806E-06	.3765E-0
8		*	0.00	0.025	0.039	0.4002	0.0000	.0000E+00	.0000E+00	0.7201	.2036E-01	.3345E-02	0.0013	.1105E-05	.3991E-0
9	*	*	0.00	0.000	0.041	0.4002	0.0000	.0000E+00	.0000E+00	0.6584	.1862E-01	.3122E-02	0.0014	.1215E-05	.4181E-0
10	*	*	0.00	0.000	0.036	0.4002	0.0000	.0000E+00	.0000E+00	0.6018	.1702E-01	.2914E-02	0.0014	.1310E-05	.4338E-0
11	*	*	0.08	0.000	0.036	0.4002	0.0000	.0000E+00	.0000E+00	0.5500	.1555E-01	.2719E-02	0.0015	.1390E-05	.4466E-0
12	*	*	0.59	0.000	0.000	0.4002	0.0000	.0000E+00	.0000E+00	0.5024	.1421E-01	.2537E-02	0.0015	.1457E-05	.4568E-0
13	*	*	0.02	0.000	0.030	0.4002	0.0000	.0000E+00	.0000E+00	0.4588	.1297E-01	.2366E-02	0.0015	.1509E-05	.4647E-0
14	*	*	0.07	0.000	0.000	0.4002	0.0000	.0000E+00	.0000E+00	0.4189	.1185E-01	.2207E-02	0.0015	.1540E-05	.5876E-0
15		*	0.00	0.000	0.042	0.4002	0.0000	.0000E+00	.0000E+00	0.3824	.1081E-01	.2058E-02	0.0016	.1595E-05	.4755E-0
16		*	0.00	0.006	0.041	0.4002	0.0000	.0000E+00	.0000E+00	0.3489	.9865E-02	.1918E-02	0.0008	.8147E-06	.3593E-0
17	*	*	0.00	0.000	0.035	0.4002	0.0000	.0000E+00	.0000E+00	0.3182	.8998E-02	.1788E-02	0.0016	.1602E-05	.4782E-0
18	*	*	0.00	0.000	0.031	0.4002	0.0000	.0000E+00	.0000E+00	0.2902	.8205E-02	.1666E-02	0.0016	.1602E-05	.4780E-0
19	*	*	0.00	0.000	0.026	0.4002	0.0000	.0000E+00	.0000E+00	0.2645	.7479E-02	.1552E-02	0.0016	.1595E-05	.5948E-0
20	*	*	0.31	0.000	0.029	0.4002	0.0000	.0000E+00	.0000E+00	0.2410	.6815E-02	.1446E-02	0.0016	.1586E-05	.4741E-0
21	*	*	0.00	0.000	0.033	0.4002	0.0000	.0000E+00	.0000E+00	0.2195	.6207E-02	.1346E-02	0.0016	.1566E-05	.4710E-0
22	*	*	0.00	0.000	0.034	0.4002	0.0000	.0000E+00	.0000E+00	0.1999	.5652E-02	.1253E-02	0.0015	.1541E-05	.4673E-0
23	*	*	0.15	0.000	0.030	0.4002	0.0000	.0000E+00	.0000E+00	0.1819	.5144E-02	.1167E-02	0.0015	.1513E-05	.4630E-0
24	*	*	0.00	0.000	0.032	0.4002	0.0000	.0000E+00	.0000E+00	0.1655	.4681E-02	.1085E-02	0.0008	.7408E-06	.3449E-0
25	*	*	0.05	0.000	0.000	0.4002	0.0000	.0000E+00	.0000E+00	0.1505	.4257E-02	.1010E-02	0.0015	.1441E-05	.5665E-0
26	*	*	0.14	0.000	0.000	0.4002	0.0000	.0000E+00	.0000E+00	0.1369	.3870E-02	.9389E-03	0.0015	.1414E-05	.4476E-0
27	*	*	0.00	0.000	0.025	0.4002	0.0000	.0000E+00	.0000E+00	0.1244	.3516E-02	.8728E-03	0.0015	.1378E-05	.4419E-0
28	*	*	0.00	0.000	0.025	0.4002	0.0000	.0000E+00	.0000E+00	0.1130	.3194E-02	.8111E-03	0.0014	.1341E-05	.4360E-0
29	*	*	0.00	0.000	0.036	0.4002	0.0000	.0000E+00	.0000E+00	0.1026	.2900E-02	.7535E-03	0.0014	.1304E-05	.4299E-0
30	*	*	0.00	0.000	0.035	0.4002	0.0000	.0000E+00	.0000E+00	0.0931	.2631E-02	.6998E-03	0.0014	.1266E-05	.4236E-0
31	*	*	0.00	0.000	0.039	0.4002	0.0000	.0000E+00	.0000E+00	0.0844	.2387E-02	.6497E-03	0.0014	.1229E-05	.4173E-0
32		*	0.07	0.022	0.000	0.4096	0.0000	.0000E+00	.0000E+00	0.0765	.2164E-02	.6029E-03	0.0014	.1191E-05	.4109E-0
33	*	*	0.00	0.000	0.029	0.4096	0.0000	.0000E+00	.0000E+00	0.0693	.1961E-02	.5593E-03	0.0007	.5772E-06	.3044E-0
34	*	*	0.00	0.000	0.030	0.4096	0.0000	.0000E+00	.0000E+00	0.0628	.1776E-02	.5187E-03	0.0013	.1124E-05	.3997E-0
35	*	*	0.00	0.000	0.029	0.4096	0.0000	.0000E+00	.0000E+00	0.0568	.1607E-02	.4808E-03	0.0013	.1088E-05	.3932E-0
36	*	*	0.00	0.000	0.037	0.4096	0.0000	.0000E+00	.0000E+00	0.0514	.1454E-02	.4455E-03	0.0013	.1053E-05	.3868E-0
37	*	*	0.00	0.000	0.040	0.4096	0.0000	.0000E+00	.0000E+00	0.0465	.1315E-02	.4126E-03	0.0013	.1019E-05	.3805E-0
38	*	*	0.00	0.000	0.035	0.4096	0.0000	.0000E+00	.0000E+00	0.0420	.1188E-02	.3820E-03	0.0012	.9793E-06	.4664E-0
39	*	*	0.03	0.000	0.023	0.4096	0.0000	.0000E+00	.0000E+00	0.0379	.1073E-02	.3535E-03	0.0006	.4791E-06	.2756E-0
40	*	*	0.28	0.000	0.029	0.4096	0.0000	.0000E+00	.0000E+00	0.0342	.9682E-03	.3269E-03	0.0012	.9209E-06	.3617E-0
41	*	*	0.00	0.000	0.028	0.4096	0.0000	.0000E+00	.0000E+00	0.0309	.8732E-03	.3022E-03	0.0012	.8900E-06	.3555E-0
42	*	*	0.00	0.000	0.022	0.4096	0.0000	.0000E+00	.0000E+00	0.0278	.7871E-03	.2793E-03	0.0012	.8601E-06	.3495E-0
43	*	*	0.00	0.000	0.032	0.4096	0.0000	.0000E+00	.0000E+00	0.0251	.7089E-03	.2579E-03	0.0011	.8311E-06	.4284E-0
44	*	*	0.00	0.000	0.027	0.4096	0.0000	.0000E+00	.0000E+00	0.0226	.6381E-03	.2381E-03	0.0011	.7974E-06	.3363E-0
45	*	*	0.00	0.000	0.038	0.4096	0.0000	.0000E+00	.0000E+00	0.0203	.5739E-03	.2196E-03	0.0011	.7704E-06	.3305E-0
46	*	*	0.09	0.000	0.028	0.4096	0.0000	.0000E+00	.0000E+00	0.0182	.5157E-03	.2025E-03	0.0005	.3722E-06	.2444E-0
47	*	*	0.00	0.000	0.025	0.4096	0.0000	.0000E+00	.0000E+00	0.0164	.4631E-03	.1866E-03	0.0011	.7245E-06	.3207E-0
48	*	*	0.00	0.000	0.026	0.4096	0.0000	.0000E+00	.0000E+00	0.0147	.4156E-03	.1718E-03	0.0010	.7001E-06	.3153E-0
49	*	*	0.10	0.000	0.000	0.4096	0.0000	.0000E+00	.0000E+00	0.0132	.3726E-03	.1581E-03	0.0010	.6766E-06	.3099E-0
50	*	*	0.36	0.000	0.000	0.4096	0.0000	.0000E+00	.0000E+00	0.0118	.3337E-03	.1454E-03	0.0010	.6539E-06	.3047E-0
51	*	*	0.00	0.000	0.036	0.4096	0.0000	.0000E+00	.0000E+00	0.0106	.2987E-03	.1337E-03	0.0010	.6321E-06	.3736E-0
52	*	*	0.00	0.000	0.038	0.4096	0.0000	.0000E+00	.0000E+00	0.0094	.2670E-03	.1228E-03	0.0010	.6065E-06	.2933E-0
53		*	0.28	1.346	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0084	.2385E-03	.1127E-03	0.0005	.2961E-06	.2169E-0
54		*	0.00	0.000	0.083	0.4252	0.0000	.0000E+00	.0000E+00	0.0075	.2129E-03	.1033E-03	0.0009	.5713E-06	.2848E-0
55		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0067	.1898E-03	.9468E-04	0.0009	.5499E-06	.3493E-0
56		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0060	.1690E-03	.8669E-04	0.0009	.5305E-06	.2744E-0
57		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0053	.1503E-03	.7931E-04	0.0009	.5133E-06	.2699E-0
58		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0047	.1335E-03	.7249E-04	0.0004	.2483E-06	.1996E-0
59		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0042	.1185E-03	.6619E-04	0.0009	.4844E-06	.3271E-0
60		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0037	.1050E-03	.6039E-04	0.0008	.4655E-06	.2570E-0
61		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0033	.9295E-04	.5504E-04	0.0004	.2274E-06	.1901E-0
62		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0029	.8216E-04	.5011E-04	0.0008	.4398E-06	.2499E-0
63	*	*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0026	.7252E-04	.4558E-04	0.0008	.4261E-06	.2460E-0
64	*	*	0.03	0.000	0.030	0.4252	0.0000	.0000E+00	.0000E+00	0.0023	.6391E-04	.4141E-04	0.0008	.4129E-06	.2421E-0
65		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0020	.5624E-04	.3757E-04	0.0008	.4002E-06	.2384E-0
66		*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0017	.4941E-04	.3405E-04	0.0008	.3880E-06	.2347E-0

67	*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0015	.4334E-04	.3082E-04	0.0008	.3746E-06	.2883E-0
68	*	0.00	0.000	0.000	0.4252	0.0000	.0000E+00	.0000E+00	0.0013	.3795E-04	.2786E-04	0.0007	.3622E-06	.2267E-0
69		1.10	0.739	0.095	0.4649	3.4380	.0000E+00	.2750E-01	0.0284	.8038E-03	.2655E-03	0.0007	.2809E-06	.1997E-0
70		0.00	0.000	0.104	0.4414	4.6881	.0000E+00	.3690E-01	0.1063	.3006E-02	.7705E-03	0.0002	.7628E-07	.1105E-0
71		0.09	0.000	0.074	0.4381	4.3391	.0000E+00	.3613E-01	0.1916	.5418E-02	.1212E-02	0.0004	.1014E-06	.1394E-0
72		0.00	0.000	0.091	0.4169	4.0833	.0000E+00	.3556E-01	0.2677	.7570E-02	.1566E-02	0.0002	.3255E-07	.6814E-0
73		0.00	0.000	0.080	0.3978	3.7579	.0000E+00	.3484E-01	0.3357	.9493E-02	.1863E-02	0.0001	.1140E-07	.4042E-0
74		0.00	0.000	0.083	0.3782	3.4757	.0000E+00	.3422E-01	0.3962	.1120E-01	.2114E-02	0.0001	.2240E-08	.1803E-0
75		0.00	0.000	0.113	0.3538	3.1766	.0000E+00	.3356E-01	0.4499	.1272E-01	.2331E-02	0.0000	.1440E-11	.4655E-0
76		0.00	0.000	0.107	0.3305	2.8837	.0000E+00	.3291E-01	0.4974	.1407E-01	.2518E-02	0.0000	.0000E+00	.0000E+0
77		0.00	0.000	0.092	0.3097	2.6496	.0000E+00	.3239E-01	0.5394	.1525E-01	.2679E-02	0.0000	.0000E+00	.0000E+0
78		0.00	0.000	0.074	0.2920	2.4239	.0000E+00	.3189E-01	0.5765	.1630E-01	.2820E-02	0.0000	.0000E+00	.0000E+0
79		0.00	0.000	0.082	0.2732	2.1028	.0000E+00	.3118E-01	0.6091	.1722E-01	.2941E-02	0.0000	.0000E+00	.0000E+0
80		0.00	0.000	0.108	0.2502	1.8427	.0000E+00	.3061E-01	0.6372	.1802E-01	.3045E-02	0.0000	.0000E+00	.0000E+0
81		0.39	0.000	0.100	0.2935	1.6089	.0000E+00	.3009E-01	0.6615	.1870E-01	.3134E-02	0.0000	.0000E+00	.0000E+0
82		0.00	0.000	0.119	0.2687	1.2936	.0000E+00	.2939E-01	0.6823	.1929E-01	.3209E-02	0.0000	.0000E+00	.0000E+0
83	*	0.00	0.000	0.091	0.2487	1.0226	.0000E+00	.2879E-01	0.6996	.1978E-01	.3272E-02	0.0000	.0000E+00	.0000E+0
84		0.00	0.000	0.094	0.2282	0.8654	.0000E+00	.2845E-01	0.7142	.2020E-01	.3324E-02	0.0000	.0000E+00	.0000E+0
85		0.00	0.000	0.096	0.2075	0.7246	.0000E+00	.2813E-01	0.7267	.2055E-01	.3369E-02	0.0000	.0000E+00	.0000E+0
86		0.00	0.000	0.108	0.1849	0.5843	.0000E+00	.2782E-01	0.7374	.2085E-01	.3407E-02	0.0000	.0000E+00	.0000E+0
87		0.00	0.000	0.107	0.1624	0.3351	.0000E+00	.2727E-01	0.7461	.2110E-01	.3438E-02	0.0000	.0000E+00	.0000E+0
88		0.00	0.000	0.125	0.1416	0.0177	.0000E+00	.0000E+00	0.7262	.2053E-01	.3367E-02	0.0000	.0000E+00	.0000E+0
89		0.00	0.000	0.039	0.1350	0.0000	.0000E+00	.0000E+00	0.6640	.1877E-01	.3143E-02	0.0000	.1310E-10	.1203E-0
90		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6069	.1716E-01	.2933E-02	0.0001	.3322E-08	.2302E-0
91		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5546	.1568E-01	.2737E-02	0.0001	.1522E-07	.4864E-0
92		0.74	0.001	0.035	0.2524	0.0000	.0000E+00	.0000E+00	0.5067	.1433E-01	.2553E-02	0.0002	.3431E-07	.7206E-0
93		0.00	0.000	0.156	0.2264	0.0000	.0000E+00	.0000E+00	0.4628	.1308E-01	.2382E-02	0.0003	.5855E-07	.9338E-0
94		0.00	0.000	0.188	0.1951	0.0000	.0000E+00	.0000E+00	0.4225	.1195E-01	.2221E-02	0.0004	.8621E-07	.1127E-0
95		0.00	0.000	0.138	0.1721	0.0000	.0000E+00	.0000E+00	0.3856	.1090E-01	.2071E-02	0.0004	.1159E-06	.1303E-0
96		0.00	0.000	0.080	0.1587	0.0000	.0000E+00	.0000E+00	0.3519	.9950E-02	.1931E-02	0.0005	.1465E-06	.1461E-0
97		0.00	0.000	0.062	0.1484	0.0000	.0000E+00	.0000E+00	0.3210	.9076E-02	.1800E-02	0.0005	.1770E-06	.1603E-0
98		0.17	0.000	0.057	0.1673	0.0000	.0000E+00	.0000E+00	0.2927	.8276E-02	.1677E-02	0.0006	.2068E-06	.1730E-0
99		0.03	0.000	0.050	0.1640	0.0000	.0000E+00	.0000E+00	0.2668	.7544E-02	.1563E-02	0.0006	.2354E-06	.1843E-0
100		0.00	0.000	0.043	0.1568	0.0000	.0000E+00	.0000E+00	0.2431	.6874E-02	.1456E-02	0.0006	.2618E-06	.2435E-0
101		0.00	0.000	0.034	0.1511	0.0000	.0000E+00	.0000E+00	0.2215	.6262E-02	.1355E-02	0.0007	.2968E-06	.2053E-0
102		0.00	0.000	0.025	0.1470	0.0000	.0000E+00	.0000E+00	0.2017	.5702E-02	.1262E-02	0.0007	.3190E-06	.2129E-0
103		0.00	0.000	0.023	0.1432	0.0000	.0000E+00	.0000E+00	0.1836	.5190E-02	.1174E-02	0.0007	.3389E-06	.2194E-0
104		0.61	0.000	0.025	0.2407	0.0000	.0000E+00	.0000E+00	0.1670	.4722E-02	.1093E-02	0.0007	.3566E-06	.2250E-0
105		0.00	0.000	0.166	0.2131	0.0000	.0000E+00	.0000E+00	0.1519	.4295E-02	.1016E-02	0.0008	.3721E-06	.2299E-0
106		0.00	0.000	0.178	0.1834	0.0000	.0000E+00	.0000E+00	0.1381	.3904E-02	.9453E-03	0.0008	.3854E-06	.2339E-0
107		0.00	0.000	0.194	0.1511	0.0000	.0000E+00	.0000E+00	0.1255	.3548E-02	.8788E-03	0.0008	.3967E-06	.2373E-0
108		0.00	0.000	0.065	0.1403	0.0000	.0000E+00	.0000E+00	0.1140	.3223E-02	.8167E-03	0.0004	.2045E-06	.1804E-0
109		0.00	0.000	0.026	0.1359	0.0000	.0000E+00	.0000E+00	0.1035	.2926E-02	.7587E-03	0.0008	.4091E-06	.2417E-0
110		0.06	0.000	0.013	0.1438	0.0000	.0000E+00	.0000E+00	0.0939	.2655E-02	.7047E-03	0.0008	.4154E-06	.2435E-0
111		0.00	0.000	0.020	0.1405	0.0000	.0000E+00	.0000E+00	0.0852	.2409E-02	.6542E-03	0.0008	.4201E-06	.2448E-0
112		0.00	0.000	0.023	0.1366	0.0000	.0000E+00	.0000E+00	0.0772	.2184E-02	.6071E-03	0.0008	.4233E-06	.2457E-0
113		0.00	0.000	0.007	0.1354	0.0000	.0000E+00	.0000E+00	0.0700	.1979E-02	.5633E-03	0.0008	.4252E-06	.3074E-0
114		0.30	0.000	0.019	0.1822	0.0000	.0000E+00	.0000E+00	0.0634	.1792E-02	.5223E-03	0.0008	.4276E-06	.2463E-0
115		0.00	0.000	0.023	0.1783	0.0000	.0000E+00	.0000E+00	0.0574	.1622E-02	.4842E-03	0.0008	.4267E-06	.2461E-0
116		0.00	0.000	0.027	0.1738	0.0000	.0000E+00	.0000E+00	0.0519	.1468E-02	.4487E-03	0.0008	.4248E-06	.2455E-0
117		0.00	0.000	0.026	0.1695	0.0000	.0000E+00	.0000E+00	0.0469	.1327E-02	.4156E-03	0.0008	.4221E-06	.2448E-0
118		0.10	0.000	0.028	0.1816	0.0000	.0000E+00	.0000E+00	0.0424	.1199E-02	.3847E-03	0.0008	.4186E-06	.2437E-0
119		0.03	0.000	0.027	0.1821	0.0000	.0000E+00	.0000E+00	0.0383	.1083E-02	.3560E-03	0.0004	.2072E-06	.1823E-0
120		0.00	0.000	0.026	0.1778	0.0000	.0000E+00	.0000E+00	0.0346	.9776E-03	.3293E-03	0.0008	.4098E-06	.2415E-0
121		0.00	0.000	0.025	0.1736	0.0000	.0000E+00	.0000E+00	0.0312	.8817E-03	.3045E-03	0.0008	.4048E-06	.2995E-0
122		0.00	0.000	0.022	0.1699	0.0000	.0000E+00	.0000E+00	0.0281	.7948E-03	.2813E-03	0.0008	.3989E-06	.2379E-0
123		0.00	0.000	0.022	0.1663	0.0000	.0000E+00	.0000E+00	0.0253	.7159E-03	.2598E-03	0.0008	.3929E-06	.2361E-0
124		0.00	0.000	0.021	0.1628	0.0000	.0000E+00	.0000E+00	0.0228	.6444E-03	.2399E-03	0.0008	.3866E-06	.2342E-0
125		0.00	0.000	0.021	0.1593	0.0000	.0000E+00	.0000E+00	0.0205	.5796E-03	.2213E-03	0.0004	.1900E-06	.1746E-0
126		0.02	0.000	0.024	0.1586	0.0000	.0000E+00	.0000E+00	0.0184	.5209E-03	.2040E-03	0.0008	.3742E-06	.2307E-0
127		0.00	0.000	0.022	0.1549	0.0000	.0000E+00	.0000E+00	0.0165	.4678E-03	.1880E-03	0.0008	.3674E-06	.2286E-0
128		0.00	0.000	0.023	0.1511	0.0000	.0000E+00	.0000E+00	0.0148	.4198E-03	.1732E-03	0.0007	.3605E-06	.2264E-0
129		0.47	0.000	0.025	0.2253	0.0000	.0000E+00	.0000E+00	0.0133	.3764E-03	.1594E-03	0.0007	.3535E-06	.2798E-0
130		0.00	0.000	0.022	0.2217	0.0000	.0000E+00	.0000E+00	0.0119	.3372E-03	.1466E-03	0.0007	.3452E-06	.2213E-0
131		0.88	0.032	0.026	0.3586	0.0000	.0000E+00	.0000E+00	0.0107	.3018E-03	.1347E-03	0.0007	.3380E-06	.2190E-0
132		0.09	0.000	0.203	0.3348	1.5198	.0000E+00	.2989E-01	0.0392	.1108E-02	.3506E-03	0.0006	.2662E-06	.1944E-0
133		0.00	0.000	0.249	0.2882	1.6550	.0000E+00	.3019E-01	0.1133	.3203E-02	.8106E-03	0.0005	.1512E-06	.1466E-0
134		0.00	0.000	0.247	0.2421	1.4220	.0000E+00	.2968E-01	0.1808	.5112E-02	.1160E-02	0.0004	.8681E-07	.1111E-0
135		0.00	0.000	0.229	0.1991	1.0511	.0000E+00	.2886E-01	0.2408	.6809E-02	.1445E-02	0.0003	.4862E-07	.8322E-0
136		0.00	0.000	0.208	0.1599	0.5467	.0000E+00	.2774E-01	0.2933	.8293E-02	.1680E-02	0.0002	.2616E-07	.6111E-0
137		0.00	0.000	0.089	0.1450	0.0001	.0000E+00	.0000E+00	0.3119	.8820E-02	.1761E-02	0.0001	.1034E-07	.4097E-0
138		0.00	0.000	0.060	0.1350	0.0000	.0000E+00	.0000E+00	0.2844	.8042E-02	.1641E-02	0.0002	.2864E-07	.6528E-0
139		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2592	.7330E-02	.1529E-02	0.0002	.4150E-07	.7821E-0
140		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2362	.6679E-02	.1424E-02	0.0003	.5532E-07	.9000E-0
141		0.07	0.000	0.008	0.1454	0.0000	.0000E+00	.0000E+00	0.2151	.6083E-02	.1326E-02	0.0003	.6963E-07	.1007E-0
142		0.00	0.000	0.020	0.1420	0.0000	.0000E+00	.0000E+00	0.1959	.5538E-02	.1234E-02	0.0004	.8406E-07	.1105E-0
143		0.27	0.000	0.030	0.1820	0.0000	.0000E+00	.0000E+00	0.1783	.5041E-02	.1149E-02	0.0004	.9831E-07	.1193E-0
144		0.00	0.000	0.031	0.1769	0.0000	.0000E+00	.0000E+00	0.1622	.4586E-02	.1069E-02	0.0004	.1121E-06	.1272E-0
145		0.00	0.000	0.036	0.1709	0.0000	.0000E+00	.0000E+00	0.1475	.4170E-02	.9939E-03	0.0004	.1253E-06	.1684E-0
146		0.00	0.000	0.035	0.1651	0.0000	.0000E+00	.0000E+00	0.1341	.3791E-02	.9242E-03	0.0005	.1426E-06	.1424E-0
147		0.01	0.000	0.036	0.1607	0.0000	.0000E+00	.0000E+00	0.1218	.3444E-02	.8591E-03	0.0005	.1539E-06	.1479E-0
148		0.08	0.000	0.037	0.1679	0.0000	.0000E+00	.0000E+00	0.1106	.3128E-02	.7983E-03	0.0005	.1644E-06	.1528E-0
149		0.00	0.000	0.036	0.1619	0.0000	.0000E+00	.0000E+00	0.1004	.2840E-02	.7416E-03	0.0005	.1740E-06	.1572E-0
150		0.01	0.000	0.040	0.1568	0.0000	.0000E+00	.0000E+00	0.0911	.2577E-02	.6886E-03	0.0005	.1825E-06	.1610E-0
151		0.77	0.003	0.038	0.2784	0.0000	.0000E+00	.0000E+00	0.0826	.2337E-02	.6393E-03	0.0005	.1902E-06	.1644E-0
152		0.35	0.000	0.197	0.3037	0.0009	.0000E+00	.8032E-03	0.0757	.2141E-02	.5980E-03	0.0003	.9843E-07	.1253E-0
153		0.00	0.000	0.291	0.2553	0.0000	.0000E+00	.0000E+00	0.0699	.1976E-02	.5627E-03	0.0006	.1979E-06	.1681E-0
154		0.00	0.000	0.264	0.2108	0.0033	.0000E+00	.3286E-02	0.0666	.1882E-02	.5422E-03	0.0006	.1997E-06	.1687E-0
155		0.00	0.000	0.225	0.1733	0.0000	.0000E+00	.0000E+00	0.0655	.1853E-02	.5358E-03	0.0006	.1981E-06	.1678E-0
156		0.00	0.000	0.113	0.1545	0.0000	.0000E+00	.0000E+00	0.0593	.1678E-02	.4967E-03	0.0006	.2001E-06	.1691E-0
157		0.00	0.000	0.095	0.1387	0.0000	.0000E+00	.0000E+00	0.0537	.1518E-02	.4603E-03	0.0006	.2044E-06	.1708E-0
158		0.00	0.000	0.022	0.1350	0.0000	.0000E+00	.0000E+00	0.0486	.1373E-02	.4264E-03	0.0006	.2080E-06	.1723E-0
159		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0439	.1241E-02	.3949E-03	0.0006	.2108E-06	.2167E-0
160		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0396	.1121E-02	.3655E-03	0.0006	.2145E-06	.1745E-0
161		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0358	.1012E-02	.3381E-03	0.0006	.2159E-06	.1751E-0
162		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0323	.9129E-03	.3126E-03	0.0006	.2169E-06	.1755E-0

163	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0291	.8231E-03	.2889E-03	0.0006	.2173E-06	.1757E-0
164	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0262	.7415E-03	.2669E-03	0.0006	.2173E-06	.1756E-0
165	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0236	.6676E-03	.2464E-03	0.0003	.1084E-06	.1318E-0
166	0.04	0.000	0.009	0.1401	0.0000	.0000E+00	.0000E+00	0.0212	.6007E-03	.2274E-03	0.0006	.2156E-06	.1752E-0
167	0.00	0.000	0.018	0.1371	0.0000	.0000E+00	.0000E+00	0.0191	.5400E-03	.2097E-03	0.0006	.2146E-06	.1748E-0
168	0.00	0.000	0.009	0.1357	0.0000	.0000E+00	.0000E+00	0.0172	.4851E-03	.1933E-03	0.0006	.2133E-06	.1743E-0
169	0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.0154	.4354E-03	.1780E-03	0.0006	.2117E-06	.1736E-0
170	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0138	.3905E-03	.1639E-03	0.0006	.2099E-06	.1728E-0
171	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0124	.3499E-03	.1508E-03	0.0006	.2079E-06	.1720E-0
172	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0111	.3133E-03	.1386E-03	0.0006	.2057E-06	.2136E-0
173	0.34	0.000	0.030	0.1867	0.0000	.0000E+00	.0000E+00	0.0099	.2802E-03	.1273E-03	0.0006	.2030E-06	.1698E-0
174	0.24	0.000	0.041	0.2198	0.0000	.0000E+00	.0000E+00	0.0089	.2504E-03	.1169E-03	0.0006	.2004E-06	.1687E-0
175	0.00	0.000	0.057	0.2103	0.0000	.0000E+00	.0000E+00	0.0079	.2236E-03	.1072E-03	0.0006	.1977E-06	.1676E-0
176	0.16	0.000	0.062	0.2266	0.0000	.0000E+00	.0000E+00	0.0071	.1994E-03	.9831E-04	0.0005	.1949E-06	.1664E-0
177	0.56	0.001	0.060	0.3099	0.0000	.0000E+00	.0000E+00	0.0063	.1776E-03	.9004E-04	0.0003	.9603E-07	.1241E-0
178	0.18	0.000	0.175	0.3062	0.2969	.0000E+00	.2719E-01	0.0325	.9203E-03	.3017E-03	0.0005	.1600E-06	.1479E-0
179	0.02	0.000	0.212	0.2696	0.3228	.0000E+00	.2725E-01	0.1000	.2827E-02	.7369E-03	0.0004	.9337E-07	.1088E-0
180	0.00	0.000	0.214	0.2294	0.2145	.0000E+00	.2701E-01	0.1613	.4560E-02	.1063E-02	0.0003	.4298E-07	.7340E-0
181	0.00	0.000	0.269	0.1814	0.0591	.0000E+00	.1947E-01	0.2094	.5920E-02	.1298E-02	0.0002	.1879E-07	.5904E-0
182	0.04	0.000	0.155	0.1621	0.0000	.0000E+00	.0000E+00	0.2219	.6273E-02	.1357E-02	0.0001	.1009E-07	.3796E-0
183	0.08	0.000	0.112	0.1568	0.0000	.0000E+00	.0000E+00	0.2020	.5712E-02	.1264E-02	0.0002	.1648E-07	.4848E-0
184	0.00	0.000	0.106	0.1390	0.0000	.0000E+00	.0000E+00	0.1839	.5200E-02	.1176E-02	0.0002	.2372E-07	.5813E-0
185	0.00	0.000	0.018	0.1361	0.0000	.0000E+00	.0000E+00	0.1673	.4731E-02	.1094E-02	0.0002	.3151E-07	.6698E-0
186	0.00	0.000	0.005	0.1353	0.0000	.0000E+00	.0000E+00	0.1522	.4303E-02	.1018E-02	0.0001	.1980E-07	.5627E-0
187	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.1383	.3912E-02	.9466E-03	0.0003	.4473E-07	.8063E-0
188	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1257	.3555E-02	.8800E-03	0.0003	.5287E-07	.8753E-0
189	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1142	.3229E-02	.8179E-03	0.0003	.6087E-07	.9380E-0
190	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1037	.2932E-02	.7598E-03	0.0003	.6862E-07	.9949E-0
191	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0941	.2661E-02	.7057E-03	0.0003	.7604E-07	.1046E-0
192	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0854	.2413E-02	.6552E-03	0.0004	.8306E-07	.1368E-0
193	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0774	.2188E-02	.6080E-03	0.0004	.9218E-07	.1145E-0
194	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0701	.1983E-02	.5641E-03	0.0004	.9814E-07	.1181E-0
195	0.06	0.000	0.015	0.1426	0.0000	.0000E+00	.0000E+00	0.0635	.1796E-02	.5231E-03	0.0004	.1036E-06	.1213E-0
196	0.00	0.000	0.030	0.1376	0.0000	.0000E+00	.0000E+00	0.0575	.1626E-02	.4849E-03	0.0004	.1086E-06	.1242E-0
197	0.45	0.000	0.056	0.2031	0.0000	.0000E+00	.0000E+00	0.0520	.1471E-02	.4494E-03	0.0002	.5654E-07	.9517E-0
198	0.00	0.000	0.087	0.1886	0.0000	.0000E+00	.0000E+00	0.0470	.1330E-02	.4162E-03	0.0004	.1153E-06	.1284E-0
199	0.00	0.000	0.094	0.1729	0.0000	.0000E+00	.0000E+00	0.0425	.1202E-02	.3853E-03	0.0004	.1190E-06	.1304E-0
200	0.00	0.000	0.104	0.1556	0.0000	.0000E+00	.0000E+00	0.0384	.1085E-02	.3566E-03	0.0004	.1223E-06	.1322E-0
201	0.00	0.000	0.101	0.1388	0.0000	.0000E+00	.0000E+00	0.0346	.9796E-03	.3298E-03	0.0004	.1251E-06	.1337E-0
202	0.00	0.000	0.020	0.1355	0.0000	.0000E+00	.0000E+00	0.0312	.8835E-03	.3049E-03	0.0004	.1275E-06	.1349E-0
203	0.00	0.000	0.003	0.1350	0.0000	.0000E+00	.0000E+00	0.0282	.7964E-03	.2818E-03	0.0004	.1295E-06	.1360E-0
204	0.52	0.000	0.051	0.2131	0.0000	.0000E+00	.0000E+00	0.0254	.7174E-03	.2603E-03	0.0005	.1312E-06	.1709E-0
205	0.00	0.000	0.092	0.1979	0.0000	.0000E+00	.0000E+00	0.0228	.6457E-03	.2402E-03	0.0005	.1333E-06	.1376E-0
206	0.00	0.000	0.096	0.1819	0.0000	.0000E+00	.0000E+00	0.0205	.5808E-03	.2216E-03	0.0005	.1342E-06	.1381E-0
207	0.00	0.000	0.124	0.1613	0.0000	.0000E+00	.0000E+00	0.0185	.5220E-03	.2044E-03	0.0005	.1348E-06	.1384E-0
208	0.46	0.000	0.127	0.2167	0.0000	.0000E+00	.0000E+00	0.0166	.4688E-03	.1883E-03	0.0005	.1352E-06	.1386E-0
209	0.00	0.000	0.284	0.1693	0.0000	.0000E+00	.0000E+00	0.0149	.4207E-03	.1734E-03	0.0002	.6763E-07	.1041E-0
210	0.00	0.000	0.182	0.1390	0.0000	.0000E+00	.0000E+00	0.0133	.3772E-03	.1596E-03	0.0005	.1348E-06	.1386E-0
211	0.03	0.000	0.043	0.1367	0.0000	.0000E+00	.0000E+00	0.0120	.3379E-03	.1468E-03	0.0005	.1346E-06	.1384E-0
212	0.00	0.000	0.008	0.1353	0.0000	.0000E+00	.0000E+00	0.0107	.3025E-03	.1350E-03	0.0005	.1342E-06	.1382E-0
213	0.02	0.000	0.021	0.1351	0.0000	.0000E+00	.0000E+00	0.0096	.2705E-03	.1240E-03	0.0005	.1335E-06	.1379E-0
214	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.0085	.2416E-03	.1138E-03	0.0005	.1324E-06	.1717E-0
215	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0076	.2156E-03	.1043E-03	0.0005	.1319E-06	.1369E-0
216	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0068	.1922E-03	.9563E-04	0.0005	.1308E-06	.1363E-0
217	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0061	.1712E-03	.8756E-04	0.0004	.1297E-06	.1357E-0
218	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0054	.1523E-03	.8011E-04	0.0004	.1284E-06	.1351E-0
219	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0048	.1353E-03	.7323E-04	0.0002	.6353E-07	.1009E-0
220	0.27	0.000	0.056	0.1706	0.0000	.0000E+00	.0000E+00	0.0042	.1201E-03	.6688E-04	0.0004	.1259E-06	.1338E-0
221	0.36	0.000	0.113	0.2118	0.0000	.0000E+00	.0000E+00	0.0038	.1065E-03	.6102E-04	0.0004	.1244E-06	.1330E-0
222	0.00	0.000	0.136	0.1891	0.0000	.0000E+00	.0000E+00	0.0033	.9425E-04	.5562E-04	0.0004	.1229E-06	.1651E-0
223	0.00	0.000	0.166	0.1615	0.0000	.0000E+00	.0000E+00	0.0029	.8332E-04	.5065E-04	0.0004	.1211E-06	.1312E-0
224	0.00	0.000	0.117	0.1421	0.0000	.0000E+00	.0000E+00	0.0026	.7355E-04	.4607E-04	0.0004	.1195E-06	.1303E-0
225	0.00	0.000	0.037	0.1359	0.0000	.0000E+00	.0000E+00	0.0023	.6484E-04	.4186E-04	0.0004	.1179E-06	.1294E-0
226	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0020	.5707E-04	.3799E-04	0.0004	.1163E-06	.1285E-0
227	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0018	.5015E-04	.3444E-04	0.0004	.1146E-06	.1276E-0
228	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0016	.4399E-04	.3118E-04	0.0002	.5675E-07	.9512E-0
229	0.42	0.000	0.067	0.1938	0.0000	.0000E+00	.0000E+00	0.0014	.3853E-04	.2819E-04	0.0004	.1116E-06	.1260E-0
230	0.57	0.000	0.097	0.2726	0.0000	.0000E+00	.0000E+00	0.0012	.3368E-04	.2545E-04	0.0004	.1099E-06	.1561E-0
231	0.00	0.000	0.216	0.2366	0.0000	.0000E+00	.0000E+00	0.0010	.2938E-04	.2295E-04	0.0004	.1079E-06	.1238E-0
232	0.00	0.000	0.227	0.1987	0.0000	.0000E+00	.0000E+00	0.0009	.2558E-04	.2070E-04	0.0002	.5337E-07	.9225E-0
233	0.00	0.000	0.220	0.1619	0.0000	.0000E+00	.0000E+00	0.0008	.2222E-04	.1852E-04	0.0004	.1049E-06	.1221E-0
234	0.00	0.000	0.157	0.1358	0.0000	.0000E+00	.0000E+00	0.0007	.1927E-04	.1664E-04	0.0004	.1031E-06	.1513E-0
235	0.00	0.000	0.005	0.1350	0.0000	.0000E+00	.0000E+00	0.0006	.1666E-04	.1490E-04	0.0004	.1013E-06	.1200E-0
236	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0005	.1438E-04	.1332E-04	0.0004	.9967E-07	.1190E-0
237	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0004	.1237E-04	.1189E-04	0.0004	.9806E-07	.1180E-0
238	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0004	.1062E-04	.1058E-04	0.0004	.9647E-07	.1171E-0
239	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0003	.9086E-05	.9403E-05	0.0004	.9490E-07	.1161E-0
240	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0003	.7751E-05	.8334E-05	0.0004	.9336E-07	.1152E-0
241	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0002	.6590E-05	.7368E-05	0.0004	.9183E-07	.1142E-0
242	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0002	.5584E-05	.6498E-05	0.0004	.9033E-07	.1133E-0
243	0.15	0.000	0.055	0.1508	0.0000	.0000E+00	.0000E+00	0.0002	.4714E-05	.5714E-05	0.0004	.8885E-07	.1124E-0
244	0.00	0.000	0.051	0.1422	0.0000	.0000E+00	.0000E+00	0.0001	.3964E-05	.5009E-05	0.0002	.4389E-07	.8367E-0
245	0.00	0.000	0.034	0.1365	0.0000	.0000E+00	.0000E+00	0.0001	.3320E-05	.4378E-05	0.0004	.8630E-07	.1107E-0
246	0.28	0.000	0.061	0.1730	0.0000	.0000E+00	.0000E+00	0.0001	.2767E-05	.3813E-05	0.0004	.8489E-07	.1098E-0
247	1.37	0.149	0.090	0.3616	0.0000	.0000E+00	.0000E+00	0.0001	.2296E-05	.3309E-05	0.0004	.8351E-07	.1089E-0
248	0.15	0.000	0.176	0.3523	1.5643	.0000E+00	.2999E-01	0.0298	.8422E-03	.2709E-03	0.0003	.5930E-07	.1083E-0
249	0.18	0.000	0.125	0.3563	1.9904	.0000E+00	.3093E-01	0.1056	.2986E-02	.7680E-03	0.0001	.6969E-08	.3151E-0
250	0.05	0.000	0.172	0.3309	1.8115	.0000E+00	.3054E-01	0.1758	.4972E-02	.1136E-02	0.0000	.0000E+00	.0000E+0
251	0.00	0.000	0.190	0.2942	1.6169	.0000E+00	.3011E-01	0.2389	.6756E-02	.1436E-02	0.0000	.0000E+00	.0000E+0
252	0.00	0.000	0.214	0.2536	1.4209	.0000E+00	.2967E-01	0.2955	.8355E-02	.1689E-02	0.0000	.0000E+00	.0000E+0
253	0.62	0.000	0.116	0.3327	1.2160	.0000E+00	.2922E-01	0.3461	.9786E-02	.1907E-02	0.0000	.0000E+00	.0000E+0
254	0.00	0.000	0.178	0.2982	1.0154	.0000E+00	.2878E-01	0.3913	.1106E-01	.2094E-02	0.0000	.0000E+00	.0000E+0
255	0.00	0.000	0.167	0.2655	0.9240	.0000E+00	.2857E-01	0.4317	.1221E-01	.2258E-02	0.0000	.0000E+00	.0000E+0
256	0.00	0.000	0.196	0.2281	0.7827	.0000E+00	.2826E-01	0.4681	.1324E-01	.2403E-02	0.0000	.0000E+00	.0000E+0
257	0.00	0.000	0.159	0.1968	0.6260	.0000E+00	.2792E-01	0.5006	.1415E-01	.2530E-02	0.0000	.0000E+00	.0000E+0
258	0.00	0.000	0.154	0.1666	0.4484	.0000E+00	.2752E-01	0.5294	.1497E-01	.2641E-02	0.0000	.0000E+00	.0000E+0

259		0.89	0.013	0.138	0.2874	0.0841	.0000E+00	.1343E-01	0.5412	.1530E-01	.2686E-02	0.0000	.0000E+00	.0000E+0
260		0.00	0.000	0.169	0.2594	0.0000	.0000E+00	.0000E+00	0.5160	.1459E-01	.2589E-02	0.0000	.0000E+00	.0000E+0
261		0.00	0.000	0.154	0.2337	0.0000	.0000E+00	.0000E+00	0.4713	.1333E-01	.2415E-02	0.0000	.0000E+00	.0000E+0
262		0.00	0.000	0.131	0.2118	0.0000	.0000E+00	.0000E+00	0.4304	.1217E-01	.2253E-02	0.0000	.0000E+00	.0000E+0
263		0.00	0.000	0.105	0.1943	0.0000	.0000E+00	.0000E+00	0.3928	.1111E-01	.2101E-02	0.0000	.0000E+00	.0000E+0
264		0.00	0.000	0.102	0.1774	0.0000	.0000E+00	.0000E+00	0.3585	.1014E-01	.1959E-02	0.0000	.0000E+00	.0000E+0
265		0.05	0.000	0.091	0.1705	0.0000	.0000E+00	.0000E+00	0.3270	.9246E-02	.1826E-02	0.0000	.0000E+00	.0000E+0
266		1.89	0.329	0.113	0.4118	0.0000	.0000E+00	.0000E+00	0.2982	.8432E-02	.1701E-02	0.0000	.0000E+00	.0000E+0
267		0.54	0.036	0.093	0.4747	3.4740	.0000E+00	.3421E-01	0.3058	.8648E-02	.1734E-02	0.0000	.0000E+00	.0000E+0
268		0.00	0.000	0.120	0.4484	5.0108	.0000E+00	.3761E-01	0.3712	.1050E-01	.2011E-02	0.0000	.0000E+00	.0000E+0
269		0.00	0.000	0.105	0.4248	4.5050	.0000E+00	.3649E-01	0.4354	.1231E-01	.2273E-02	0.0000	.0000E+00	.0000E+0
270		0.00	0.000	0.095	0.4030	4.0700	.0000E+00	.3553E-01	0.4915	.1390E-01	.2494E-02	0.0000	.0000E+00	.0000E+0
271		0.03	0.000	0.106	0.3846	3.7351	.0000E+00	.3479E-01	0.5405	.1528E-01	.2683E-02	0.0000	.0000E+00	.0000E+0
272		0.00	0.000	0.111	0.3605	3.4598	.0000E+00	.3418E-01	0.5837	.1650E-01	.2846E-02	0.0000	.0000E+00	.0000E+0
273		0.00	0.000	0.120	0.3350	3.1052	.0000E+00	.3340E-01	0.6215	.1757E-01	.2987E-02	0.0000	.0000E+00	.0000E+0
274		0.00	0.000	0.089	0.3146	2.8586	.0000E+00	.3285E-01	0.6544	.1850E-01	.3108E-02	0.0000	.0000E+00	.0000E+0
275		0.00	0.000	0.092	0.2939	2.5877	.0000E+00	.3225E-01	0.6831	.1931E-01	.3212E-02	0.0000	.0000E+00	.0000E+0
276		0.12	0.000	0.071	0.2968	2.2262	.0000E+00	.3145E-01	0.7076	.2001E-01	.3301E-02	0.0000	.0000E+00	.0000E+0
277		0.00	0.000	0.070	0.2800	1.9550	.0000E+00	.3085E-01	0.7282	.2059E-01	.3374E-02	0.0000	.0000E+00	.0000E+0
278		0.00	0.000	0.064	0.2642	1.7752	.0000E+00	.3046E-01	0.7457	.2109E-01	.3437E-02	0.0000	.0000E+00	.0000E+0
279		0.00	0.000	0.064	0.2486	1.6078	.0000E+00	.3009E-01	0.7608	.2151E-01	.3490E-02	0.0000	.0000E+00	.0000E+0
280		1.64	0.242	0.069	0.4653	1.5067	.0000E+00	.2986E-01	0.7738	.2188E-01	.3536E-02	0.0000	.0000E+00	.0000E+0
281		0.09	0.000	0.064	0.4635	4.9068	.0000E+00	.3738E-01	0.7929	.2242E-01	.3603E-02	0.0000	.0000E+00	.0000E+0
282		0.00	0.000	0.072	0.4452	4.8260	.0000E+00	.3720E-01	0.8223	.2325E-01	.3705E-02	0.0000	.0000E+00	.0000E+0
283		0.00	0.000	0.058	0.4295	4.4859	.0000E+00	.3645E-01	0.8482	.2398E-01	.3795E-02	0.0000	.0000E+00	.0000E+0
284		0.00	0.000	0.059	0.4138	4.1632	.0000E+00	.3574E-01	0.8701	.2460E-01	.3870E-02	0.0000	.0000E+00	.0000E+0
285		0.00	0.000	0.051	0.3995	3.8730	.0000E+00	.3510E-01	0.8883	.2512E-01	.3933E-02	0.0000	.0000E+00	.0000E+0
286		0.00	0.000	0.066	0.3827	3.6269	.0000E+00	.3455E-01	0.9035	.2555E-01	.3985E-02	0.0000	.0000E+00	.0000E+0
287		0.44	0.000	0.069	0.4388	3.5362	.0000E+00	.3435E-01	0.9164	.2591E-01	.4029E-02	0.0000	.0000E+00	.0000E+0
288		0.18	0.000	0.065	0.4519	4.2621	.0000E+00	.3596E-01	0.9295	.2628E-01	.4073E-02	0.0000	.0000E+00	.0000E+0
289		0.01	0.000	0.063	0.4370	4.5220	.0000E+00	.3653E-01	0.9446	.2671E-01	.4124E-02	0.0000	.0000E+00	.0000E+0
290		0.00	0.000	0.070	0.4193	4.3114	.0000E+00	.3606E-01	0.9590	.2712E-01	.4173E-02	0.0000	.0000E+00	.0000E+0
291		0.00	0.000	0.085	0.3993	3.9626	.0000E+00	.3529E-01	0.9707	.2745E-01	.4212E-02	0.0000	.0000E+00	.0000E+0
292		0.00	0.000	0.089	0.3786	3.6641	.0000E+00	.3463E-01	0.9795	.2770E-01	.4241E-02	0.0000	.0000E+00	.0000E+0
293		0.00	0.000	0.065	0.3621	3.3843	.0000E+00	.3401E-01	0.9859	.2788E-01	.4263E-02	0.0000	.0000E+00	.0000E+0
294		0.00	0.000	0.068	0.3453	3.1287	.0000E+00	.3345E-01	0.9902	.2800E-01	.4277E-02	0.0000	.0000E+00	.0000E+0
295		0.00	0.000	0.056	0.3305	2.8945	.0000E+00	.3293E-01	0.9928	.2807E-01	.4286E-02	0.0000	.0000E+00	.0000E+0
296		0.00	0.000	0.059	0.3153	2.6969	.0000E+00	.3249E-01	0.9938	.2810E-01	.4289E-02	0.0000	.0000E+00	.0000E+0
297		0.00	0.000	0.073	0.2978	2.4956	.0000E+00	.3205E-01	0.9936	.2810E-01	.4289E-02	0.0000	.0000E+00	.0000E+0
298		0.00	0.000	0.064	0.2819	2.2294	.0000E+00	.3146E-01	0.9922	.2805E-01	.4284E-02	0.0000	.0000E+00	.0000E+0
299		0.00	0.000	0.049	0.2685	1.9396	.0000E+00	.3082E-01	0.9893	.2797E-01	.4274E-02	0.0000	.0000E+00	.0000E+0
300		0.00	0.000	0.048	0.2554	1.7778	.0000E+00	.3046E-01	0.9852	.2786E-01	.4260E-02	0.0000	.0000E+00	.0000E+0
301		0.00	0.000	0.059	0.2406	1.6168	.0000E+00	.3011E-01	0.9805	.2773E-01	.4245E-02	0.0000	.0000E+00	.0000E+0
302		0.64	0.000	0.059	0.3324	1.4491	.0000E+00	.2974E-01	0.9753	.2758E-01	.4227E-02	0.0000	.0000E+00	.0000E+0
303		0.00	0.000	0.054	0.3186	1.2802	.0000E+00	.2936E-01	0.9696	.2741E-01	.4208E-02	0.0000	.0000E+00	.0000E+0
304		0.72	0.014	0.065	0.4203	1.6871	.0000E+00	.3026E-01	0.9646	.2727E-01	.4191E-02	0.0000	.0000E+00	.0000E+0
305		0.00	0.000	0.054	0.4055	3.5290	.0000E+00	.3433E-01	0.9655	.2730E-01	.4194E-02	0.0000	.0000E+00	.0000E+0
306		0.07	0.000	0.065	0.4006	3.4202	.0000E+00	.3409E-01	0.9726	.2750E-01	.4218E-02	0.0000	.0000E+00	.0000E+0
307		0.50	0.004	0.067	0.4662	3.8229	.0000E+00	.3498E-01	0.9797	.2770E-01	.4242E-02	0.0000	.0000E+00	.0000E+0
308		0.23	0.000	0.070	0.4866	5.1777	.0000E+00	.3798E-01	0.9906	.2801E-01	.4278E-02	0.0000	.5430E-10	.2584E-0
309		0.03	0.000	0.065	0.4744	5.4953	.0000E+00	.3868E-01	1.0061	.2845E-01	.4330E-02	0.0000	.7035E-09	.1009E-0
310		0.17	0.000	0.069	0.4847	5.3461	.0000E+00	.3835E-01	1.0212	.2887E-01	.4380E-02	0.0001	.2139E-08	.1757E-0
311		0.00	0.000	0.070	0.4665	5.3798	.0000E+00	.3843E-01	1.0345	.2925E-01	.4424E-02	0.0001	.5237E-08	.3393E-0
312		0.00	0.000	0.080	0.4470	4.9154	.0000E+00	.3740E-01	1.0459	.2957E-01	.4462E-02	0.0001	.9312E-08	.3707E-0
313		0.00	0.000	0.091	0.4257	4.5113	.0000E+00	.3651E-01	1.0537	.2979E-01	.4488E-02	0.0002	.1541E-07	.4752E-0
314		0.26	0.000	0.079	0.4499	4.2147	.0000E+00	.3585E-01	1.0589	.2994E-01	.4505E-02	0.0002	.2378E-07	.5889E-0
315		0.00	0.000	0.068	0.4324	4.5869	.0000E+00	.3667E-01	1.0634	.3007E-01	.4519E-02	0.0002	.3416E-07	.7045E-0
316		0.00	0.000	0.078	0.4135	4.2271	.0000E+00	.3588E-01	1.0680	.3020E-01	.4535E-02	0.0001	.2130E-07	.6020E-0
317		0.00	0.000	0.081	0.3941	3.8872	.0000E+00	.3513E-01	1.0702	.3026E-01	.4542E-02	0.0003	.5737E-07	.9100E-0
318		0.00	0.000	0.072	0.3763	3.6088	.0000E+00	.3451E-01	1.0705	.3027E-01	.4543E-02	0.0003	.7425E-07	.1035E-0
319		0.15	0.000	0.068	0.3843	3.3497	.0000E+00	.3394E-01	1.0691	.3023E-01	.4538E-02	0.0004	.9390E-07	.1164E-0
320		0.00	0.000	0.068	0.3674	3.1012	.0000E+00	.3339E-01	1.0664	.3015E-01	.4530E-02	0.0004	.1191E-06	.1637E-0
321		0.00	0.000	0.047	0.3540	2.8763	.0000E+00	.3289E-01	1.0625	.3004E-01	.4517E-02	0.0005	.1480E-06	.1458E-0
322		0.00	0.000	0.059	0.3389	2.6832	.0000E+00	.3246E-01	1.0578	.2991E-01	.4501E-02	0.0005	.1760E-06	.1589E-0
323		0.00	0.000	0.052	0.3249	2.4884	.0000E+00	.3203E-01	1.0523	.2975E-01	.4483E-02	0.0006	.2061E-06	.1719E-0
324		0.00	0.000	0.047	0.3119	2.3007	.0000E+00	.3162E-01	1.0461	.2958E-01	.4463E-02	0.0006	.2380E-06	.1846E-0
325		0.00	0.000	0.064	0.2961	2.1010	.0000E+00	.3118E-01	1.0394	.2939E-01	.4440E-02	0.0006	.2715E-06	.1971E-0
326		0.00	0.000	0.055	0.2818	1.9211	.0000E+00	.3078E-01	1.0321	.2918E-01	.4416E-02	0.0007	.3065E-06	.2094E-0
327		0.00	0.000	0.061	0.2666	1.7583	.0000E+00	.3042E-01	1.0244	.2896E-01	.4391E-02	0.0007	.3425E-06	.2213E-0
328		0.47	0.000	0.064	0.3292	1.6217	.0000E+00	.3012E-01	1.0164	.2874E-01	.4364E-02	0.0008	.3791E-06	.2327E-0
329		0.00	0.000	0.053	0.3155	1.4706	.0000E+00	.2978E-01	1.0083	.2851E-01	.4337E-02	0.0008	.4162E-06	.2438E-0
330		0.00	0.000	0.055	0.3014	1.3123	.0000E+00	.2943E-01	1.0000	.2828E-01	.4310E-02	0.0008	.4535E-06	.2544E-0
331		0.00	0.000	0.047	0.2887	1.1562	.0000E+00	.2909E-01	0.9915	.2803E-01	.4281E-02	0.0004	.2421E-06	.1978E-0
332		0.00	0.000	0.048	0.2759	0.9944	.0000E+00	.2873E-01	0.9827	.2779E-01	.4252E-02	0.0009	.5175E-06	.2721E-0
333		0.00	0.000	0.043	0.2640	0.8602	.0000E+00	.2843E-01	0.9738	.2753E-01	.4222E-02	0.0009	.5543E-06	.2815E-0
334		0.00	0.000	0.061	0.2492	0.7224	.0000E+00	.2813E-01	0.9648	.2728E-01	.4192E-02	0.0010	.5905E-06	.3643E-0
335		0.00	0.000	0.057	0.2351	0.5846	.0000E+00	.2782E-01	0.9558	.2703E-01	.4162E-02	0.0010	.6363E-06	.3011E-0
336		0.00	0.000	0.054	0.2215	0.4487	.0000E+00	.2752E-01	0.9468	.2677E-01	.4131E-02	0.0010	.6706E-06	.3091E-0
337		0.00	0.000	0.040	0.2102	0.3152	.0000E+00	.2723E-01	0.9377	.2651E-01	.4101E-02	0.0005	.3496E-06	.2371E-0
338		0.00	0.000	0.036	0.1997	0.1845	.0000E+00	.2694E-01	0.9286	.2626E-01	.4070E-02	0.0011	.7263E-06	.3220E-0
339	*	0.79	0.000	0.035	0.1992	0.0575	.0000E+00	.2250E-01	0.9153	.2588E-01	.4025E-02	0.0011	.7612E-06	.3298E-0
340		0.00	0.000	0.010	0.2414	0.0000	.0000E+00	.1106E-16	0.8737	.2470E-01	.3883E-02	0.0011	.8252E-06	.3444E-0
341	*	0.00	0.000	0.035	0.2447	0.0000	.0000E+00	.0000E+00	0.7993	.2260E-01	.3625E-02	0.0012	.9387E-06	.3685E-0
342		0.27	0.003	0.000	0.3575	0.0701	.0000E+00	.6788E-02	0.7378	.2086E-01	.3408E-02	0.0013	.1055E-05	.4887E-0
343		0.15	0.000	0.063	0.3671	1.4840	.0000E+00	.2981E-01	0.7151	.2022E-01	.3328E-02	0.0013	.1128E-05	.4003E-0
344		0.06	0.000	0.053	0.3632	1.7409	.0000E+00	.3038E-01	0.7320	.2070E-01	.3388E-02	0.0013	.1079E-05	.3915E-0
345		0.00	0.000	0.039	0.3516	1.9730	.0000E+00	.3089E-01	0.7489	.2118E-01	.3448E-02	0.0013	.1034E-05	.3834E-0
346		0.00	0.000	0.045	0.3390	1.9536	.0000E+00	.3085E-01	0.7652	.2164E-01	.3506E-02	0.0012	.9955E-06	.3762E-0
347		0.00	0.000	0.039	0.3273	1.9076	.0000E+00	.3075E-01	0.7799	.2205E-01	.3558E-02	0.0012	.9632E-06	.3701E-0
348		0.00	0.000	0.039	0.3158	1.8295	.0000E+00	.3058E-01	0.7932	.2243E-01	.3604E-02	0.0006	.4686E-06	.2738E-0
349		0.00	0.000	0.037	0.3045	1.7302	.0000E+00	.3036E-01	0.8048	.2276E-01	.3644E-02	0.0012	.9236E-06	.3619E-0
350	*	0.00	0.000	0.032	0.2943	1.5858	.0000E+00	.3004E-01	0.8148	.2304E-01	.3679E-02	0.0012	.9059E-06	.3585E-0
351	*	0.00	0.000	0.035	0.2835	1.4346	.0000E+00	.2970E-01	0.8231	.2327E-01	.3708E-02	0.0012	.8932E-06	.4449E-0
352		0.00	0.000	0.038	0.2723	1.2837	.0000E+00	.2937E-01	0.8298	.2346E-01	.3732E-02	0.0012	.8803E-06	.3539E-0
353	*	0.09	0.000	0.033	0.2708	1.1394	.0000E+00	.2905E-01	0.8352	.2361E-01	.3750E-02	0.0012	.8757E-06	.3530E-0
354		0.08	0.000	0.045	0.2780	0.9796	.0000E+00	.2870E-01	0.8392	.2373E-01	.3764E-02	0.0012	.8739E-06	.3526E-0

355		0.00	0.000	0.056	0.2640	0.8808	.0000E+00	.2848E-01	0.8421	.2381E-01	.3774E-02	0.0012	.8744E-06	.3527E-0
356		0.00	0.000	0.040	0.2526	0.7538	.0000E+00	.2820E-01	0.8442	.2387E-01	.3781E-02	0.0012	.8765E-06	.3531E-0
357		0.00	0.000	0.039	0.2416	0.6210	.0000E+00	.2791E-01	0.8453	.2390E-01	.3785E-02	0.0012	.8801E-06	.3539E-0
358		0.00	0.000	0.039	0.2304	0.4871	.0000E+00	.2761E-01	0.8456	.2391E-01	.3786E-02	0.0012	.8852E-06	.3549E-0
359	*	0.11	0.000	0.036	0.2291	0.3567	.0000E+00	.2732E-01	0.8451	.2389E-01	.3784E-02	0.0012	.8913E-06	.3561E-0
360	*	0.00	0.000	0.030	0.2279	0.2313	.0000E+00	.2704E-01	0.8439	.2386E-01	.3780E-02	0.0012	.8984E-06	.3575E-0
361	*	0.00	0.000	0.036	0.2180	0.1094	.0000E+00	.2677E-01	0.8420	.2381E-01	.3774E-02	0.0012	.9061E-06	.3590E-0
362	*	0.00	0.000	0.033	0.2111	0.0137	.0000E+00	.8863E-02	0.8221	.2325E-01	.3705E-02	0.0006	.4720E-06	.2748E-0
363	*	0.00	0.000	0.000	0.2111	0.0000	.0000E+00	.0000E+00	0.7662	.2167E-01	.3509E-02	0.0012	.1007E-05	.3807E-0
364	*	0.00	0.000	0.000	0.2111	0.0000	.0000E+00	.0000E+00	0.7007	.1981E-01	.3276E-02	0.0013	.1116E-05	.5022E-0
365	*	0.02	0.000	0.040	0.2077	0.0000	.0000E+00	.0000E+00	0.6406	.1811E-01	.3057E-02	0.0014	.1262E-05	.4234E-0
366	*	0.13	0.000	0.032	0.2110	0.0000	.0000E+00	.0000E+00	0.5855	.1656E-01	.2853E-02	0.0014	.1349E-05	.4376E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 12

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.41	1.21	1.61	2.04	3.02	1.58
	1.62	1.78	6.05	3.84	1.88	1.70
RUNOFF	0.623	1.369	0.739	0.001	0.035	0.001
	0.000	0.000	0.527	0.256	0.005	0.003
EVAPOTRANSPIRATION	0.838	0.633	2.014	1.807	2.058	2.325
	1.782	1.737	3.875	2.013	1.903	1.089
PERCOLATION/LEAKAGE THROUGH	0.1313	0.0000	0.5976	0.0000	0.1472	0.1042
LAYER 2	0.0000	0.0000	0.6140	1.0257	0.9947	0.6737
LATERAL DRAINAGE COLLECTED	0.3841	0.0211	0.3442	0.1513	0.1062	0.0415
FROM LAYER 3	0.0586	0.0021	0.3069	0.7918	0.8703	0.7081
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0679	0.0072	0.0598	0.0327	0.0248	0.0118
LAYER 4	0.0159	0.0012	0.0568	0.1234	0.1319	0.1132
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1326	0.0952	0.0257	0.0629	0.0484	0.0472
LAYER 7	0.0358	0.0389	0.0047	0.0000	0.0425	0.1133

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.049	0.000	1.462	0.000	0.200	0.030
TOP OF LAYER 2	0.000	0.000	1.457	2.965	2.997	0.760
STD. DEVIATION OF DAILY	0.135	0.000	1.586	0.000	0.491	0.086
HEAD ON TOP OF LAYER 2	0.000	0.000	1.586	1.147	1.556	0.730
AVERAGE DAILY HEAD ON	0.438	0.026	0.393	0.178	0.121	0.049
TOP OF LAYER 4	0.067	0.002	0.362	0.903	1.026	0.808
STD. DEVIATION OF DAILY	0.302	0.021	0.296	0.139	0.097	0.056
HEAD ON TOP OF LAYER 4	0.056	0.002	0.188	0.100	0.037	0.081
AVERAGE DAILY HEAD ON	0.001	0.001	0.000	0.001	0.000	0.001
TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 12

	INCHES	CU. FEET	PERCENT
PRECIPITATION	27.74	251740.531	100.00
RUNOFF	3.559	32294.576	12.83
EVAPOTRANSPIRATION	22.075	200327.719	79.58
PERC./LEAKAGE THROUGH LAYER 2	4.288351	38916.781	15.46
AVG. HEAD ON TOP OF LAYER 2	0.8266		

DRAINAGE COLLECTED FROM LAYER 3	3.7862	34360.035	13.65
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.646549	5867.429	2.33
AVG. HEAD ON TOP OF LAYER 4	0.3644		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	1.116	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.647139	5872.788	2.33
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	-2.327	-21115.865	-8.39
SOIL WATER AT START OF YEAR	284.992	2586300.750	
SOIL WATER AT END OF YEAR	284.010	2577390.250	
SNOW WATER AT START OF YEAR	1.423	12916.323	5.13
SNOW WATER AT END OF YEAR	0.078	710.952	0.28
ANNUAL WATER BUDGET BALANCE	0.0000	0.160	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 13

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1	*		0.07	0.000	0.040	0.2143	0.0000	.0000E+00	.0000E+00	0.5350	.1513E-01	.2662E-02	0.0015	.1422E-05	.4492E-0
2			0.00	0.000	0.044	0.2216	0.0000	.0000E+00	.0000E+00	0.4887	.1382E-01	.2483E-02	0.0015	.1480E-05	.4582E-0
3			1.44	0.154	0.051	0.4263	0.1383	.0000E+00	.6939E-02	0.4532	.1281E-01	.2344E-02	0.0015	.1508E-05	.4625E-0
4			0.00	0.000	0.049	0.4123	3.7882	.0000E+00	.3491E-01	0.4596	.1299E-01	.2369E-02	0.0015	.1430E-05	.4504E-0
5			0.01	0.000	0.050	0.3998	3.7769	.0000E+00	.3488E-01	0.5104	.1443E-01	.2568E-02	0.0014	.1257E-05	.4224E-0
6			0.00	0.000	0.048	0.3860	3.5853	.0000E+00	.3446E-01	0.5565	.1574E-01	.2744E-02	0.0013	.1119E-05	.3986E-0
7			0.00	0.000	0.045	0.3729	3.3819	.0000E+00	.3401E-01	0.5977	.1690E-01	.2899E-02	0.0013	.1009E-05	.3786E-0
8			0.00	0.000	0.042	0.3603	3.1828	.0000E+00	.3357E-01	0.6342	.1793E-01	.3034E-02	0.0012	.9222E-06	.3620E-0
9	*		0.00	0.000	0.042	0.3477	2.9725	.0000E+00	.3310E-01	0.6666	.1885E-01	.3152E-02	0.0011	.8531E-06	.3482E-0
10			0.00	0.000	0.046	0.3346	2.7830	.0000E+00	.3269E-01	0.6950	.1965E-01	.3255E-02	0.0011	.7987E-06	.3370E-0
11			0.00	0.000	0.047	0.3213	2.5951	.0000E+00	.3227E-01	0.7201	.2036E-01	.3345E-02	0.0011	.7560E-06	.3279E-0
12			0.00	0.000	0.045	0.3084	2.4089	.0000E+00	.3186E-01	0.7420	.2098E-01	.3423E-02	0.0011	.7229E-06	.3207E-0
13			0.00	0.000	0.056	0.2939	2.2224	.0000E+00	.3145E-01	0.7610	.2152E-01	.3491E-02	0.0005	.3489E-06	.2362E-0
14			0.00	0.000	0.062	0.2784	2.0106	.0000E+00	.3098E-01	0.7773	.2198E-01	.3548E-02	0.0010	.6872E-06	.3120E-0
15			0.00	0.000	0.052	0.2646	1.8516	.0000E+00	.3063E-01	0.7911	.2237E-01	.3597E-02	0.0010	.6728E-06	.3089E-0
16	*		0.00	0.000	0.043	0.2524	1.6914	.0000E+00	.3027E-01	0.8029	.2270E-01	.3638E-02	0.0010	.6634E-06	.3068E-0
17			0.00	0.000	0.052	0.2387	1.5336	.0000E+00	.2992E-01	0.8128	.2298E-01	.3672E-02	0.0010	.6580E-06	.3056E-0
18			0.00	0.000	0.046	0.2261	1.3260	.0000E+00	.2946E-01	0.8208	.2321E-01	.3700E-02	0.0010	.6563E-06	.3053E-0
19	*		0.00	0.000	0.046	0.2137	1.0295	.0000E+00	.2881E-01	0.8268	.2338E-01	.3721E-02	0.0010	.6581E-06	.3058E-0
20	*		0.00	0.000	0.037	0.2028	0.8528	.0000E+00	.2842E-01	0.8309	.2349E-01	.3735E-02	0.0010	.6631E-06	.3071E-0
21	*		0.00	0.000	0.000	0.1981	0.7190	.0000E+00	.2812E-01	0.8337	.2357E-01	.3745E-02	0.0010	.6704E-06	.3088E-0
22	*		0.00	0.000	0.000	0.1934	0.5899	.0000E+00	.2784E-01	0.8355	.2362E-01	.3751E-02	0.0010	.6793E-06	.3109E-0
23	*	*	0.05	0.000	0.041	0.1888	0.4621	.0000E+00	.2755E-01	0.8364	.2365E-01	.3754E-02	0.0010	.6909E-06	.3920E-0
24	*	*	0.00	0.000	0.009	0.1843	0.3356	.0000E+00	.2727E-01	0.8365	.2365E-01	.3755E-02	0.0010	.7033E-06	.3164E-0
25	*	*	0.00	0.000	0.000	0.1798	0.2104	.0000E+00	.2700E-01	0.8359	.2364E-01	.3753E-02	0.0011	.7155E-06	.3191E-0
26	*	*	0.00	0.000	0.000	0.1754	0.0865	.0000E+00	.2672E-01	0.8346	.2360E-01	.3748E-02	0.0011	.7283E-06	.3220E-0
27		*	0.00	0.000	0.000	0.1750	0.0024	.0000E+00	.2087E-02	0.8085	.2286E-01	.3657E-02	0.0011	.7790E-06	.3329E-0
28	*	*	0.16	0.000	0.037	0.1750	0.0000	.0000E+00	.0000E+00	0.7428	.2100E-01	.3426E-02	0.0012	.8935E-06	.3564E-0
29	*	*	0.00	0.000	0.035	0.1750	0.0000	.0000E+00	.0000E+00	0.6792	.1921E-01	.3198E-02	0.0012	.1004E-05	.3777E-0
30	*	*	0.00	0.000	0.044	0.1750	0.0000	.0000E+00	.0000E+00	0.6209	.1756E-01	.2985E-02	0.0013	.1102E-05	.3956E-0
31		*	0.00	0.000	0.043	0.1750	0.0000	.0000E+00	.0000E+00	0.5675	.1604E-01	.2785E-02	0.0014	.1187E-05	.4105E-0
32	*	*	0.00	0.000	0.000	0.1750	0.0000	.0000E+00	.0000E+00	0.5184	.1466E-01	.2599E-02	0.0014	.1260E-05	.4228E-0
33	*	*	0.65	0.000	0.032	0.1750	0.0000	.0000E+00	.0000E+00	0.4735	.1339E-01	.2424E-02	0.0014	.1319E-05	.4327E-0
34	*	*	0.00	0.000	0.039	0.1750	0.0000	.0000E+00	.0000E+00	0.4324	.1223E-01	.2261E-02	0.0015	.1367E-05	.4404E-0
35	*	*	0.00	0.000	0.036	0.1750	0.0000	.0000E+00	.0000E+00	0.3947	.1116E-01	.2108E-02	0.0015	.1404E-05	.4462E-0
36	*	*	0.00	0.000	0.028	0.1750	0.0000	.0000E+00	.0000E+00	0.3602	.1018E-01	.1966E-02	0.0015	.1430E-05	.4504E-0
37	*	*	0.00	0.000	0.028	0.1750	0.0000	.0000E+00	.0000E+00	0.3286	.9290E-02	.1832E-02	0.0015	.1448E-05	.4530E-0
38	*	*	0.00	0.000	0.030	0.1750	0.0000	.0000E+00	.0000E+00	0.2996	.8472E-02	.1708E-02	0.0015	.1456E-05	.4544E-0
39	*	*	0.00	0.000	0.027	0.1750	0.0000	.0000E+00	.0000E+00	0.2732	.7724E-02	.1591E-02	0.0015	.1458E-05	.4546E-0
40	*	*	0.00	0.000	0.026	0.1750	0.0000	.0000E+00	.0000E+00	0.2489	.7039E-02	.1482E-02	0.0015	.1453E-05	.4538E-0
41	*	*	0.00	0.000	0.032	0.1750	0.0000	.0000E+00	.0000E+00	0.2268	.6412E-02	.1380E-02	0.0008	.7306E-06	.3402E-0
42	*	*	0.00	0.000	0.029	0.1750	0.0000	.0000E+00	.0000E+00	0.2065	.5839E-02	.1285E-02	0.0015	.1423E-05	.5616E-0

43	*	*	0.34	0.000	0.000	0.1750	0.0000	.0000E+00	.0000E+00	0.1880	.5316E-02	.1196E-02	0.0015	.1407E-05	.4466E-0
44	*	*	0.00	0.000	0.038	0.1750	0.0000	.0000E+00	.0000E+00	0.1711	.4837E-02	.1113E-02	0.0015	.1385E-05	.4430E-0
45	*	*	0.00	0.000	0.039	0.1750	0.0000	.0000E+00	.0000E+00	0.1556	.4400E-02	.1035E-02	0.0015	.1359E-05	.4389E-0
46		*	0.00	0.154	0.012	0.2244	0.0000	.0000E+00	.0000E+00	0.1415	.4000E-02	.9629E-03	0.0014	.1331E-05	.4344E-0
47		*	0.01	0.016	0.047	0.2396	0.0000	.0000E+00	.0000E+00	0.1286	.3636E-02	.8952E-03	0.0014	.1302E-05	.4296E-0
48		*	0.05	0.000	0.005	0.2471	0.0000	.0000E+00	.0000E+00	0.1168	.3303E-02	.8320E-03	0.0014	.1271E-05	.4244E-0
49	*	*	0.01	0.000	0.010	0.2471	0.0000	.0000E+00	.0000E+00	0.1061	.2999E-02	.7731E-03	0.0007	.6279E-06	.3154E-0
50	*	*	0.00	0.000	0.000	0.2471	0.0000	.0000E+00	.0000E+00	0.0963	.2722E-02	.7180E-03	0.0014	.1211E-05	.5173E-0
51	*	*	1.06	0.000	0.032	0.2471	0.0000	.0000E+00	.0000E+00	0.0873	.2469E-02	.6667E-03	0.0014	.1174E-05	.4079E-0
52	*	*	0.00	0.000	0.031	0.2471	0.0000	.0000E+00	.0000E+00	0.0792	.2239E-02	.6188E-03	0.0013	.1141E-05	.4021E-0
53	*	*	0.00	0.000	0.032	0.2471	0.0000	.0000E+00	.0000E+00	0.0718	.2029E-02	.5741E-03	0.0013	.1108E-05	.3962E-0
54	*	*	0.00	0.000	0.032	0.2471	0.0000	.0000E+00	.0000E+00	0.0650	.1838E-02	.5325E-03	0.0013	.1075E-05	.3903E-0
55	*	*	0.00	0.000	0.037	0.2471	0.0000	.0000E+00	.0000E+00	0.0588	.1664E-02	.4936E-03	0.0006	.5277E-06	.2892E-0
56		*	0.00	0.017	0.031	0.2617	0.0000	.0000E+00	.0000E+00	0.0532	.1506E-02	.4575E-03	0.0013	.1016E-05	.3799E-0
57		*	0.03	0.169	0.000	0.2935	0.0000	.0000E+00	.0000E+00	0.0482	.1362E-02	.4238E-03	0.0012	.9840E-06	.3739E-0
58		*	0.00	0.080	0.019	0.3106	0.0000	.0000E+00	.0000E+00	0.0435	.1231E-02	.3924E-03	0.0012	.9531E-06	.3680E-0
59		*	0.56	0.625	0.000	0.3377	0.0000	.0000E+00	.0000E+00	0.0393	.1112E-02	.3631E-03	0.0012	.9228E-06	.3621E-0
60		*	0.00	0.000	0.000	0.3377	0.0000	.0000E+00	.0000E+00	0.0355	.1003E-02	.3359E-03	0.0012	.8932E-06	.3562E-0
61		*	0.00	0.000	0.000	0.3377	0.0000	.0000E+00	.0000E+00	0.0320	.9052E-03	.3106E-03	0.0012	.8644E-06	.4369E-0
62		*	0.62	0.501	0.005	0.3568	0.0000	.0000E+00	.0000E+00	0.0289	.8160E-03	.2871E-03	0.0011	.8309E-06	.3433E-0
63		*	0.00	0.000	0.000	0.3568	0.0000	.0000E+00	.0000E+00	0.0260	.7352E-03	.2652E-03	0.0011	.8037E-06	.3376E-0
64		*	0.00	0.000	0.000	0.3568	0.0000	.0000E+00	.0000E+00	0.0234	.6619E-03	.2448E-03	0.0011	.7773E-06	.3320E-0
65	*	*	0.16	0.000	0.062	0.3568	0.0000	.0000E+00	.0000E+00	0.0211	.5954E-03	.2259E-03	0.0011	.7517E-06	.3265E-0
66		*	0.00	0.009	0.089	0.3568	0.0000	.0000E+00	.0000E+00	0.0189	.5353E-03	.2083E-03	0.0011	.7269E-06	.3211E-0
67		*	0.00	0.000	0.000	0.3568	0.0000	.0000E+00	.0000E+00	0.0170	.4808E-03	.1920E-03	0.0005	.3553E-06	.2375E-0
68		*	0.00	0.000	0.000	0.3568	0.0000	.0000E+00	.0000E+00	0.0153	.4315E-03	.1768E-03	0.0010	.6846E-06	.3118E-0
69		*	1.55	1.452	0.005	0.3723	0.0000	.0000E+00	.0000E+00	0.0137	.3870E-03	.1628E-03	0.0010	.6621E-06	.3066E-0
70	*	*	0.00	0.000	0.000	0.3723	0.0000	.0000E+00	.0000E+00	0.0123	.3468E-03	.1497E-03	0.0010	.6404E-06	.3016E-0
71		*	0.00	0.000	0.000	0.3723	0.0000	.0000E+00	.0000E+00	0.0110	.3104E-03	.1377E-03	0.0010	.6195E-06	.2966E-0
72			0.00	0.000	0.105	0.3509	1.5711	.0000E+00	.2337E-01	0.0330	.9330E-03	.3093E-03	0.0009	.5543E-06	.2782E-0
73			0.24	0.000	0.105	0.3679	2.7598	.0000E+00	.3263E-01	0.0996	.2816E-02	.7337E-03	0.0008	.4168E-06	.2375E-0
74			0.00	0.000	0.113	0.3437	2.5241	.0000E+00	.3211E-01	0.1747	.4938E-02	.1130E-02	0.0007	.2811E-06	.1944E-0
75			1.03	0.079	0.107	0.4790	2.9218	.0000E+00	.3299E-01	0.2432	.6878E-02	.1455E-02	0.0006	.1878E-06	.1590E-0
76			0.66	0.354	0.135	0.5010	5.7796	.0000E+00	.3931E-01	0.3136	.8868E-02	.1768E-02	0.0004	.1222E-06	.1276E-0
77			0.02	0.016	0.118	0.4756	5.7442	.0000E+00	.3923E-01	0.3882	.1098E-01	.2081E-02	0.0003	.7321E-07	.9779E-0
78			0.00	0.000	0.137	0.4465	5.0610	.0000E+00	.3772E-01	0.4548	.1286E-01	.2350E-02	0.0003	.4072E-07	.7253E-0
79			0.00	0.000	0.138	0.4174	4.4819	.0000E+00	.3644E-01	0.5121	.1448E-01	.2574E-02	0.0002	.2217E-07	.6526E-0
80			0.00	0.000	0.112	0.3928	3.9815	.0000E+00	.3534E-01	0.5614	.1587E-01	.2763E-02	0.0001	.8109E-08	.3427E-0
81			0.00	0.000	0.096	0.3711	3.6367	.0000E+00	.3457E-01	0.6041	.1708E-01	.2923E-02	0.0001	.3884E-08	.2383E-0
82			0.00	0.000	0.099	0.3490	3.3323	.0000E+00	.3390E-01	0.6414	.1814E-01	.3060E-02	0.0001	.1785E-08	.1626E-0
83			0.21	0.000	0.091	0.3633	3.0162	.0000E+00	.3320E-01	0.6738	.1905E-01	.3178E-02	0.0000	.8308E-09	.1118E-0
84			0.00	0.000	0.110	0.3395	2.7611	.0000E+00	.3264E-01	0.7018	.1984E-01	.3280E-02	0.0000	.2127E-09	.5497E-0
85			0.30	0.000	0.124	0.3635	2.5183	.0000E+00	.3210E-01	0.7260	.2053E-01	.3366E-02	0.0000	.4530E-09	.7410E-0
86			0.00	0.000	0.132	0.3363	2.2737	.0000E+00	.3156E-01	0.7468	.2112E-01	.3441E-02	0.0000	.4439E-09	.7552E-0
87			0.00	0.000	0.154	0.3054	2.0092	.0000E+00	.3097E-01	0.7645	.2162E-01	.3503E-02	0.0000	.6243E-09	.9196E-0
88			0.25	0.000	0.133	0.3198	1.8093	.0000E+00	.3053E-01	0.7793	.2203E-01	.3555E-02	0.0000	.1057E-08	.1216E-0
89			0.00	0.000	0.141	0.2914	1.6153	.0000E+00	.3010E-01	0.7917	.2239E-01	.3599E-02	0.0001	.1852E-08	.1623E-0
90			0.00	0.000	0.122	0.2660	1.4231	.0000E+00	.2968E-01	0.8020	.2268E-01	.3635E-02	0.0001	.3149E-08	.2126E-0
91			0.00	0.000	0.131	0.2394	1.2362	.0000E+00	.2927E-01	0.8104	.2291E-01	.3664E-02	0.0001	.5101E-08	.2711E-0
92			0.00	0.000	0.114	0.2155	1.0223	.0000E+00	.2879E-01	0.8169	.2310E-01	.3687E-02	0.0001	.7869E-08	.4341E-0
93			0.00	0.000	0.160	0.1842	0.8294	.0000E+00	.2837E-01	0.8217	.2323E-01	.3703E-02	0.0001	.1259E-07	.4282E-0
94			0.00	0.000	0.141	0.1572	0.3804	.0000E+00	.2069E-01	0.8178	.2312E-01	.3690E-02	0.0002	.1951E-07	.5320E-0
95			0.00	0.000	0.083	0.1433	0.0000	.0000E+00	.0000E+00	0.7813	.2209E-01	.3562E-02	0.0001	.1820E-07	.5511E-0
96			0.00	0.000	0.050	0.1350	0.0000	.0000E+00	.0000E+00	0.7145	.2020E-01	.3325E-02	0.0003	.6347E-07	.9793E-0
97			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6533	.1847E-01	.3104E-02	0.0004	.1080E-06	.1267E-0
98			0.44	0.000	0.024	0.2044	0.0000	.0000E+00	.0000E+00	0.5971	.1688E-01	.2896E-02	0.0005	.1594E-06	.1928E-0
99			0.10	0.000	0.039	0.2145	0.0000	.0000E+00	.0000E+00	0.5456	.1543E-01	.2703E-02	0.0006	.2313E-06	.1816E-0
100			0.00	0.000	0.036	0.2085	0.0000	.0000E+00	.0000E+00	0.4984	.1409E-01	.2521E-02	0.0007	.2859E-06	.2018E-0
101			0.00	0.000	0.035	0.2027	0.0000	.0000E+00	.0000E+00	0.4552	.1287E-01	.2352E-02	0.0007	.3393E-06	.2197E-0
102			0.00	0.000	0.032	0.1974	0.0000	.0000E+00	.0000E+00	0.4156	.1175E-01	.2193E-02	0.0008	.3901E-06	.2355E-0
103			0.00	0.000	0.030	0.1925	0.0000	.0000E+00	.0000E+00	0.3793	.1073E-01	.2045E-02	0.0008	.4377E-06	.2494E-0
104			0.00	0.000	0.028	0.1878	0.0000	.0000E+00	.0000E+00	0.3461	.9786E-02	.1907E-02	0.0009	.4814E-06	.2615E-0
105			0.22	0.000	0.031	0.2193	0.0000	.0000E+00	.0000E+00	0.3157	.8926E-02	.1777E-02	0.0009	.5209E-06	.2720E-0
106			0.00	0.000	0.026	0.2149	0.0000	.0000E+00	.0000E+00	0.2878	.8139E-02	.1656E-02	0.0009	.5560E-06	.2810E-0
107			0.00	0.000	0.025	0.2107	0.0000	.0000E+00	.0000E+00	0.2624	.7418E-02	.1543E-02	0.0010	.5867E-06	.2886E-0
108			0.00	0.000	0.024	0.2067	0.0000	.0000E+00	.0000E+00	0.2391	.6759E-02	.1437E-02	0.0010	.6130E-06	.2950E-0
109			0.00	0.000	0.024	0.2027	0.0000	.0000E+00	.0000E+00	0.2177	.6157E-02	.1338E-02	0.0010	.6351E-06	.3002E-0
110			0.00	0.000	0.024	0.1987	0.0000	.0000E+00	.0000E+00	0.1983	.5606E-02	.1246E-02	0.0010	.6533E-06	.3045E-0
111			0.00	0.000	0.023	0.1948	0.0000	.0000E+00	.0000E+00	0.1804	.5102E-02	.1159E-02	0.0010	.6677E-06	.3078E-0
112			0.63	0.000	0.027	0.2953	0.0000	.0000E+00	.0000E+00	0.1642	.4642E-02	.1079E-02	0.0010	.6786E-06	.3103E-0
113			0.00	0.000	0.182	0.2651	0.0000	.0000E+00	.0000E+00	0.1493	.4222E-02	.1003E-02	0.0010	.6863E-06	.3121E-0
114			0.00	0.000	0.155	0.2389	0.0012	.0000E+00	.1437E-02	0.1371	.3878E-02	.9404E-03	0.0010	.6879E-06	.3124E-0
115			0.00	0.000	0.193	0.2068	0.0000	.0000E+00	.0000E+00	0.1269	.3589E-02	.8865E-03	0.0010	.6853E-06	.3118E-0
116			0.00	0.000	0.202	0.1732	0.0000	.0000E+00	.0000E+00	0.1153	.3260E-02	.8239E-03	0.0010	.6861E-06	.3120E-0
117			0.33	0.000	0.088	0.2135	0.0000	.0000E+00	.0000E+00	0.1047	.2960E-02	.7655E-03	0.0005	.3423E-06	.2343E-0
118			0.00	0.000	0.065	0.2027	0.0000	.0000E+00	.0000E+00	0.0950	.2687E-02	.7109E-03	0.0010	.6793E-06	.3111E-0
119			0.00	0.000	0.055	0.1934	0.0000	.0000E+00	.0000E+00	0.0862	.2437E-02	.6601E-03	0.0010	.6749E-06	.3101E-0
120			0.00	0.000	0.049	0.1853	0.0000	.0000E+00	.0000E+00	0.0781	.2210E-02	.6126E-03	0.0010	.6690E-06	.3852E-0
121			0.00	0.000	0.045	0.1778	0.0000	.0000E+00	.0000E+00	0.0708	.2002E-02	.5684E-03	0.0010	.6623E-06	.3065E-0
122			0.00	0.000	0.042	0.1708	0.0000	.0000E+00	.0000E+00	0.0641	.1814E-02	.5271E-03	0.0010	.6534E-06	.3045E-0
123			0.00	0.000	0.039	0.1643	0.0000	.0000E+00	.0000E+00	0.0581	.1642E-02	.4886E-03	0.0010	.6436E-06	.3022E-0
124			1.41	0.130	0.040	0.3709	0.0000	.0000E+00	.0000E+00	0.0525	.1486E-02	.4528E-03	0.0010	.6331E-06	.2997E-0
125			0.08	0.000	0.193	0.3481	1.7206	.0000E+00	.2370E-01	0.0710	.2008E-02	.5670E-03	0.0009	.5629E-06	.2826E-0
126			0.00	0.000	0.163	0.3156	2.2975	.0000E+00	.3161E-01	0.1338	.3782E-02	.9207E-03	0.0004	.2078E-06	.1825E-0
127			0.00	0.000	0.166	0.2827	2.0263	.0000E+00	.3101E-01	0.2031	.5743E-02	.1268E-02	0.0007	.3388E-06	.2659E-0
128			0.00	0.000	0.171	0.2490	1.8012	.0000E+00	.3051E-01	0.2650	.7493E-02	.1554E-02	0.0006	.2173E-06	.1758E-0
129			0.00	0.000	0.204	0.2102	1.3108	.0000E+00	.2943E-01	0.3198	.9042E-02	.1794E-02	0.0003	.8083E-07	.1138E-0
130			0.01	0.000	0.164	0.1798	0.7804	.0000E+00	.2826E-01	0.3670	.1038E-01	.1994E-02	0.0005	.1381E-06	.1376E-0
131			0.11	0.000	0.143	0.1708	0.3224	.0000E+00	.2056E-01	0.4007	.1133E-01	.2133E-02	0.0004	.1113E-06	.1543E-0
132			0.00	0.000	0.087	0.1563	0.0000	.0000E+00	.0000E+00	0.3987	.1127E-01	.2125E-02	0.0004	.1076E-06	.1238E-0
133			0.00	0.000	0.062	0.1460	0.0000	.0000E+00	.0000E+00	0.3638	.1029E-01	.1981E-02	0.0005	.1374E-06	.1399E-0
134			0.05	0.000	0.061	0.1442	0.0000	.0000E+00	.0000E+00	0.3319	.9385E-02	.1847E-02	0.0005	.1674E-06	.1544E-0
135			0.01	0.000	0.039	0.1395	0.0000	.0000E+00	.0000E+00	0.3027	.8559E-02	.1721E-02	0.0003	.9839E-07	.1255E-0
136			0.00	0.000	0.011	0.1376	0.0000	.0000E+00	.0000E+00	0.2760	.7803E-02	.1603E-02	0.0006	.2145E-06	.1761E-0
137			0.00	0.000	0.011	0.1357	0.0000	.0000E+00	.0000E+00	0.2515	.7111E-02	.1494E-02	0.0006	.2416E-06	.1867E-0
138			0.00	0.000	0.004	0.1351	0.0000	.0000E+00	.0000E+00	0.2291	.6479E-02	.1391E-02	0.0006	.2671E-06	.2455E-0

139	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.2087	.5900E-02	.1295E-02	0.0007	.2996E-06	.2063E-0
140	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1900	.5371E-02	.1206E-02	0.0004	.1602E-06	.1602E-0
141	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1729	.4888E-02	.1122E-02	0.0007	.3311E-06	.2179E-0
142	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1572	.4446E-02	.1044E-02	0.0007	.3481E-06	.2233E-0
143	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1430	.4043E-02	.9706E-03	0.0007	.3630E-06	.2280E-0
144	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1299	.3674E-02	.9025E-03	0.0008	.3746E-06	.2898E-0
145	0.03	0.000	0.007	0.1388	0.0000	.0000E+00	.0000E+00	0.1181	.3338E-02	.8388E-03	0.0008	.3918E-06	.2359E-0
146	0.05	0.000	0.007	0.1460	0.0000	.0000E+00	.0000E+00	0.1072	.3031E-02	.7794E-03	0.0004	.2001E-06	.1791E-0
147	0.00	0.000	0.013	0.1438	0.0000	.0000E+00	.0000E+00	0.0973	.2751E-02	.7239E-03	0.0008	.4028E-06	.2398E-0
148	0.00	0.000	0.017	0.1409	0.0000	.0000E+00	.0000E+00	0.0883	.2496E-02	.6722E-03	0.0008	.4067E-06	.3015E-0
149	0.58	0.000	0.024	0.2336	0.0000	.0000E+00	.0000E+00	0.0800	.2263E-02	.6239E-03	0.0008	.4152E-06	.2428E-0
150	0.16	0.000	0.033	0.2548	0.0000	.0000E+00	.0000E+00	0.0725	.2051E-02	.5789E-03	0.0004	.2104E-06	.1829E-0
151	0.59	0.006	0.243	0.3105	0.0130	.0000E+00	.6662E-02	0.0723	.2045E-02	.5775E-03	0.0008	.4078E-06	.2406E-0
152	0.00	0.000	0.276	0.2599	0.2415	.0000E+00	.2707E-01	0.1031	.2915E-02	.7544E-03	0.0008	.3601E-06	.2238E-0
153	0.00	0.000	0.305	0.2046	0.2712	.0000E+00	.2713E-01	0.1639	.4635E-02	.1077E-02	0.0007	.2732E-06	.1927E-0
154	0.00	0.000	0.193	0.1680	0.1301	.0000E+00	.2682E-01	0.2193	.6201E-02	.1345E-02	0.0006	.1957E-06	.1632E-0
155	0.52	0.000	0.098	0.2371	0.0114	.0000E+00	.7135E-02	0.2499	.7065E-02	.1486E-02	0.0005	.1528E-06	.1456E-0
156	1.13	0.111	0.195	0.3745	0.0000	.0000E+00	.0000E+00	0.2391	.6761E-02	.1437E-02	0.0005	.1482E-06	.1458E-0
157	0.00	0.000	0.259	0.3263	1.8298	.0000E+00	.3058E-01	0.2482	.7017E-02	.1478E-02	0.0005	.1467E-06	.1439E-0
158	0.00	0.000	0.262	0.2776	1.7620	.0000E+00	.3043E-01	0.3054	.8636E-02	.1733E-02	0.0004	.1144E-06	.1242E-0
159	0.00	0.000	0.249	0.2312	1.4871	.0000E+00	.2982E-01	0.3570	.1009E-01	.1952E-02	0.0004	.7867E-07	.1273E-0
160	0.00	0.000	0.265	0.1823	0.9765	.0000E+00	.2869E-01	0.4021	.1137E-01	.2139E-02	0.0001	.2281E-07	.6081E-0
161	0.00	0.000	0.226	0.1423	0.2465	.0000E+00	.1379E-01	0.4268	.1207E-01	.2239E-02	0.0003	.4188E-07	.7608E-0
162	0.00	0.000	0.044	0.1350	0.0000	.0000E+00	.0000E+00	0.4118	.1164E-01	.2178E-02	0.0003	.4530E-07	.8117E-0
163	0.40	0.000	0.042	0.1946	0.0000	.0000E+00	.0000E+00	0.3758	.1063E-01	.2031E-02	0.0003	.6286E-07	.1217E-0
164	0.00	0.000	0.058	0.1849	0.0000	.0000E+00	.0000E+00	0.3429	.9695E-02	.1893E-02	0.0004	.9486E-07	.1163E-0
165	0.00	0.000	0.066	0.1739	0.0000	.0000E+00	.0000E+00	0.3127	.8843E-02	.1764E-02	0.0004	.1194E-06	.1304E-0
166	0.00	0.000	0.069	0.1623	0.0000	.0000E+00	.0000E+00	0.2852	.8063E-02	.1644E-02	0.0005	.1440E-06	.1431E-0
167	0.00	0.000	0.070	0.1507	0.0000	.0000E+00	.0000E+00	0.2599	.7349E-02	.1532E-02	0.0003	.8403E-07	.1160E-0
168	0.00	0.000	0.068	0.1393	0.0000	.0000E+00	.0000E+00	0.2368	.6696E-02	.1427E-02	0.0005	.1824E-06	.1623E-0
169	0.02	0.000	0.035	0.1369	0.0000	.0000E+00	.0000E+00	0.2157	.6099E-02	.1328E-02	0.0006	.2046E-06	.2152E-0
170	0.00	0.000	0.008	0.1355	0.0000	.0000E+00	.0000E+00	0.1964	.5553E-02	.1237E-02	0.0006	.2333E-06	.1821E-0
171	0.00	0.000	0.002	0.1352	0.0000	.0000E+00	.0000E+00	0.1787	.5054E-02	.1151E-02	0.0006	.2521E-06	.1893E-0
172	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1626	.4598E-02	.1071E-02	0.0006	.2692E-06	.1955E-0
173	0.66	0.000	0.053	0.2362	0.0000	.0000E+00	.0000E+00	0.1479	.4181E-02	.9959E-03	0.0007	.2845E-06	.2010E-0
174	0.00	0.000	0.230	0.1978	0.0000	.0000E+00	.0000E+00	0.1344	.3801E-02	.9260E-03	0.0007	.2981E-06	.2058E-0
175	0.00	0.000	0.247	0.1567	0.0000	.0000E+00	.0000E+00	0.1221	.3453E-02	.8608E-03	0.0007	.3100E-06	.2098E-0
176	0.24	0.000	0.187	0.1654	0.0000	.0000E+00	.0000E+00	0.1109	.3136E-02	.7999E-03	0.0007	.3202E-06	.2132E-0
177	0.17	0.000	0.092	0.1785	0.0000	.0000E+00	.0000E+00	0.1007	.2847E-02	.7431E-03	0.0007	.3289E-06	.2161E-0
178	0.01	0.000	0.096	0.1642	0.0000	.0000E+00	.0000E+00	0.0914	.2584E-02	.6901E-03	0.0007	.3361E-06	.2184E-0
179	0.01	0.000	0.077	0.1530	0.0000	.0000E+00	.0000E+00	0.0829	.2343E-02	.6406E-03	0.0004	.1721E-06	.1655E-0
180	0.00	0.000	0.076	0.1403	0.0000	.0000E+00	.0000E+00	0.0751	.2124E-02	.5944E-03	0.0007	.3434E-06	.2214E-0
181	0.00	0.000	0.025	0.1362	0.0000	.0000E+00	.0000E+00	0.0681	.1924E-02	.5514E-03	0.0007	.3471E-06	.2225E-0
182	0.60	0.000	0.087	0.2216	0.0000	.0000E+00	.0000E+00	0.0616	.1743E-02	.5113E-03	0.0007	.3497E-06	.2789E-0
183	0.00	0.000	0.223	0.1844	0.0000	.0000E+00	.0000E+00	0.0558	.1577E-02	.4739E-03	0.0007	.3529E-06	.2238E-0
184	0.00	0.000	0.256	0.1417	0.0000	.0000E+00	.0000E+00	0.0505	.1427E-02	.4391E-03	0.0007	.3532E-06	.2239E-0
185	0.00	0.000	0.035	0.1360	0.0000	.0000E+00	.0000E+00	0.0456	.1290E-02	.4067E-03	0.0007	.3526E-06	.2237E-0
186	0.00	0.000	0.006	0.1350	0.0000	.0000E+00	.0000E+00	0.0412	.1165E-02	.3764E-03	0.0007	.3512E-06	.2233E-0
187	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0372	.1052E-02	.3483E-03	0.0007	.3492E-06	.2227E-0
188	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0336	.9496E-03	.3221E-03	0.0007	.3466E-06	.2218E-0
189	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0303	.8563E-03	.2978E-03	0.0007	.3435E-06	.2208E-0
190	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0273	.7717E-03	.2751E-03	0.0004	.1713E-06	.1651E-0
191	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0246	.6950E-03	.2541E-03	0.0007	.3361E-06	.2187E-0
192	0.35	0.000	0.064	0.1826	0.0000	.0000E+00	.0000E+00	0.0221	.6254E-03	.2345E-03	0.0007	.3307E-06	.2713E-0
193	0.00	0.000	0.086	0.1682	0.0000	.0000E+00	.0000E+00	0.0199	.5624E-03	.2163E-03	0.0007	.3270E-06	.2155E-0
194	0.04	0.000	0.113	0.1562	0.0000	.0000E+00	.0000E+00	0.0179	.5054E-03	.1994E-03	0.0007	.3221E-06	.2138E-0
195	0.03	0.000	0.101	0.1443	0.0000	.0000E+00	.0000E+00	0.0160	.4538E-03	.1837E-03	0.0007	.3171E-06	.2122E-0
196	0.00	0.000	0.040	0.1377	0.0000	.0000E+00	.0000E+00	0.0144	.4071E-03	.1692E-03	0.0007	.3118E-06	.2104E-0
197	0.00	0.000	0.010	0.1359	0.0000	.0000E+00	.0000E+00	0.0129	.3649E-03	.1557E-03	0.0003	.1544E-06	.1567E-0
198	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0116	.3268E-03	.1431E-03	0.0007	.3019E-06	.2586E-0
199	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0103	.2924E-03	.1315E-03	0.0007	.2955E-06	.2048E-0
200	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0092	.2614E-03	.1208E-03	0.0007	.2899E-06	.2029E-0
201	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0083	.2335E-03	.1108E-03	0.0007	.2842E-06	.2009E-0
202	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0074	.2083E-03	.1016E-03	0.0007	.2786E-06	.1989E-0
203	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0066	.1857E-03	.9312E-04	0.0007	.2730E-06	.1969E-0
204	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0058	.1653E-03	.8525E-04	0.0003	.1337E-06	.1464E-0
205	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0052	.1470E-03	.7798E-04	0.0006	.2630E-06	.1933E-0
206	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0046	.1306E-03	.7126E-04	0.0006	.2566E-06	.2387E-0
207	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0041	.1158E-03	.6506E-04	0.0006	.2509E-06	.1887E-0
208	0.45	0.000	0.052	0.2013	0.0000	.0000E+00	.0000E+00	0.0036	.1026E-03	.5935E-04	0.0006	.2455E-06	.1867E-0
209	0.22	0.000	0.112	0.2194	0.0000	.0000E+00	.0000E+00	0.0032	.9082E-04	.5408E-04	0.0006	.2402E-06	.1847E-0
210	0.00	0.000	0.100	0.2028	0.0000	.0000E+00	.0000E+00	0.0028	.8025E-04	.4923E-04	0.0006	.2350E-06	.1827E-0
211	0.00	0.000	0.109	0.1847	0.0000	.0000E+00	.0000E+00	0.0025	.7082E-04	.4476E-04	0.0006	.2298E-06	.1806E-0
212	0.00	0.000	0.116	0.1653	0.0000	.0000E+00	.0000E+00	0.0022	.6240E-04	.4066E-04	0.0006	.2248E-06	.1787E-0
213	0.00	0.000	0.130	0.1436	0.0000	.0000E+00	.0000E+00	0.0019	.5489E-04	.3689E-04	0.0006	.2198E-06	.1767E-0
214	0.00	0.000	0.045	0.1362	0.0000	.0000E+00	.0000E+00	0.0017	.4821E-04	.3342E-04	0.0003	.1082E-06	.1313E-0
215	0.00	0.000	0.007	0.1350	0.0000	.0000E+00	.0000E+00	0.0015	.4227E-04	.3025E-04	0.0006	.2113E-06	.1733E-0
216	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0013	.3700E-04	.2733E-04	0.0006	.2066E-06	.1713E-0
217	0.13	0.000	0.051	0.1481	0.0000	.0000E+00	.0000E+00	0.0011	.3232E-04	.2467E-04	0.0006	.2020E-06	.1694E-0
218	0.00	0.000	0.046	0.1405	0.0000	.0000E+00	.0000E+00	0.0010	.2818E-04	.2224E-04	0.0006	.1970E-06	.2091E-0
219	0.00	0.000	0.023	0.1366	0.0000	.0000E+00	.0000E+00	0.0009	.2452E-04	.2006E-04	0.0005	.1922E-06	.1652E-0
220	0.00	0.000	0.007	0.1354	0.0000	.0000E+00	.0000E+00	0.0008	.2129E-04	.1794E-04	0.0005	.1880E-06	.1634E-0
221	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0007	.1844E-04	.1610E-04	0.0005	.1838E-06	.1616E-0
222	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0006	.1594E-04	.1441E-04	0.0005	.1798E-06	.1598E-0
223	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0005	.1374E-04	.1287E-04	0.0005	.1758E-06	.1580E-0
224	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0004	.1182E-04	.1148E-04	0.0005	.1720E-06	.1563E-0
225	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0004	.1013E-04	.1021E-04	0.0005	.1682E-06	.1546E-0
226	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0003	.8662E-05	.9068E-05	0.0005	.1646E-06	.1529E-0
227	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0003	.7382E-05	.8031E-05	0.0005	.1610E-06	.1512E-0
228	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0002	.6270E-05	.7095E-05	0.0002	.7877E-07	.1124E-0
229	0.05	0.000	0.025	0.1392	0.0000	.0000E+00	.0000E+00	0.0002	.5307E-05	.6251E-05	0.0005	.1550E-06	.1852E-0
230	0.26	0.000	0.076	0.1699	0.0000	.0000E+00	.0000E+00	0.0002	.4475E-05	.5492E-05	0.0005	.1509E-06	.1464E-0
231	0.21	0.000	0.083	0.1910	0.0000	.0000E+00	.0000E+00	0.0001	.3758E-05	.4811E-05	0.0005	.1477E-06	.1448E-0
232	0.00	0.000	0.160	0.1643	0.0000	.0000E+00	.0000E+00	0.0001	.3143E-05	.4200E-05	0.0002	.7228E-07	.1076E-0
233	1.30	0.099	0.095	0.3486	0.0000	.0000E+00	.0000E+00	0.0001	.2616E-05	.3655E-05	0.0005	.1423E-06	.1422E-0
234	0.00	0.000	0.223	0.3078	0.9877	.0000E+00	.2208E-01	0.0220	.6207E-03	.2150E-03	0.0004	.1149E-06	.1249E-0

235		0.00	0.000	0.189	0.2714	1.4313	.0000E+00	.2970E-01	0.0846	.2392E-02	.6473E-03	0.0003	.6074E-07	.8641E-0
236		0.34	0.000	0.173	0.2944	1.2235	.0000E+00	.2924E-01	0.1534	.4337E-02	.1023E-02	0.0002	.2025E-07	.5715E-0
237		0.00	0.000	0.243	0.2492	1.0167	.0000E+00	.2878E-01	0.2150	.6079E-02	.1324E-02	0.0000	.5769E-09	.9137E-0
238		0.00	0.000	0.204	0.2105	0.8390	.0000E+00	.2839E-01	0.2702	.7640E-02	.1577E-02	0.0000	.0000E+00	.0000E+0
239		0.00	0.000	0.217	0.1696	0.5601	.0000E+00	.2777E-01	0.3194	.9032E-02	.1793E-02	0.0000	.0000E+00	.0000E+0
240		0.00	0.000	0.196	0.1358	0.0683	.0000E+00	.6779E-02	0.3427	.9689E-02	.1892E-02	0.0000	.0000E+00	.0000E+0
241		0.00	0.000	0.005	0.1350	0.0000	.0000E+00	.0000E+00	0.3234	.9145E-02	.1810E-02	0.0000	.0000E+00	.0000E+0
242		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2949	.8339E-02	.1687E-02	0.0000	.0000E+00	.0000E+0
243		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2689	.7602E-02	.1572E-02	0.0000	.0000E+00	.0000E+0
244		0.12	0.000	0.049	0.1468	0.0000	.0000E+00	.0000E+00	0.2450	.6927E-02	.1464E-02	0.0000	.4833E-09	.8384E-0
245		0.00	0.000	0.048	0.1388	0.0000	.0000E+00	.0000E+00	0.2232	.6310E-02	.1363E-02	0.0001	.2777E-08	.1996E-0
246		0.00	0.000	0.017	0.1359	0.0000	.0000E+00	.0000E+00	0.2032	.5746E-02	.1269E-02	0.0001	.6567E-08	.3064E-0
247		0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.1850	.5231E-02	.1181E-02	0.0001	.1148E-07	.4047E-0
248		0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.1683	.4759E-02	.1099E-02	0.0002	.1720E-07	.4951E-0
249		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1531	.4329E-02	.1023E-02	0.0002	.2348E-07	.5782E-0
250		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1392	.3935E-02	.9510E-03	0.0002	.3008E-07	.6543E-0
251		0.20	0.000	0.053	0.1596	0.0000	.0000E+00	.0000E+00	0.1265	.3576E-02	.8841E-03	0.0002	.3684E-07	.7240E-0
252		0.00	0.000	0.038	0.1532	0.0000	.0000E+00	.0000E+00	0.1149	.3249E-02	.8216E-03	0.0003	.4361E-07	.7876E-0
253		0.00	0.000	0.057	0.1437	0.0000	.0000E+00	.0000E+00	0.1043	.2950E-02	.7634E-03	0.0003	.5027E-07	.8456E-0
254		0.00	0.000	0.048	0.1358	0.0000	.0000E+00	.0000E+00	0.0947	.2677E-02	.7090E-03	0.0003	.5675E-07	.8983E-0
255		0.32	0.000	0.047	0.1812	0.0000	.0000E+00	.0000E+00	0.0859	.2428E-02	.6582E-03	0.0003	.6296E-07	.9461E-0
256		1.87	0.386	0.076	0.4158	0.0000	.0000E+00	.0000E+00	0.0779	.2202E-02	.6109E-03	0.0003	.6886E-07	.9894E-0
257		0.00	0.000	0.158	0.3839	2.9118	.0000E+00	.3297E-01	0.1033	.2921E-02	.7544E-03	0.0003	.4997E-07	.8430E-0
258		0.00	0.000	0.207	0.3438	3.2674	.0000E+00	.3376E-01	0.1802	.5095E-02	.1157E-02	0.0001	.1387E-07	.4447E-0
259		0.00	0.000	0.213	0.3028	2.8264	.0000E+00	.3278E-01	0.2507	.7089E-02	.1490E-02	0.0000	.1072E-08	.1245E-0
260		0.32	0.000	0.148	0.3261	2.3934	.0000E+00	.3182E-01	0.3127	.8842E-02	.1764E-02	0.0000	.0000E+00	.0000E+0
261		0.00	0.000	0.176	0.2916	1.9674	.0000E+00	.3088E-01	0.3670	.1038E-01	.1994E-02	0.0000	.0000E+00	.0000E+0
262		0.18	0.000	0.121	0.2963	1.7538	.0000E+00	.3041E-01	0.4147	.1172E-01	.2190E-02	0.0000	.0000E+00	.0000E+0
263		0.00	0.000	0.176	0.2620	1.5617	.0000E+00	.2998E-01	0.4572	.1293E-01	.2360E-02	0.0000	.0000E+00	.0000E+0
264		0.00	0.000	0.103	0.2400	1.3600	.0000E+00	.2954E-01	0.4950	.1400E-01	.2508E-02	0.0000	.0000E+00	.0000E+0
265		0.00	0.000	0.149	0.2104	1.0663	.0000E+00	.2889E-01	0.5282	.1494E-01	.2636E-02	0.0000	.0000E+00	.0000E+0
266		1.17	0.070	0.113	0.3701	0.8450	.0000E+00	.2840E-01	0.5572	.1576E-01	.2747E-02	0.0000	.0000E+00	.0000E+0
267		0.97	0.143	0.110	0.4841	2.8746	.0000E+00	.3289E-01	0.5874	.1661E-01	.2860E-02	0.0000	.0000E+00	.0000E+0
268		0.40	0.129	0.130	0.5010	5.7914	.0000E+00	.3934E-01	0.6288	.1778E-01	.3014E-02	0.0000	.0000E+00	.0000E+0
269		0.85	0.831	0.133	0.4755	5.7438	.0000E+00	.3923E-01	0.6769	.1914E-01	.3190E-02	0.0000	.0000E+00	.0000E+0
270		0.00	0.000	0.148	0.4446	5.0438	.0000E+00	.3768E-01	0.7194	.2034E-01	.3343E-02	0.0000	.0000E+00	.0000E+0
271		0.00	0.000	0.134	0.4162	4.4472	.0000E+00	.3636E-01	0.7545	.2133E-01	.3468E-02	0.0000	.0000E+00	.0000E+0
272		0.28	0.000	0.108	0.4389	3.9912	.0000E+00	.3536E-01	0.7836	.2216E-01	.3570E-02	0.0000	.0000E+00	.0000E+0
273		0.00	0.000	0.114	0.4140	4.2166	.0000E+00	.3585E-01	0.8092	.2288E-01	.3660E-02	0.0000	.0000E+00	.0000E+0
274		0.00	0.000	0.125	0.3874	3.7917	.0000E+00	.3492E-01	0.8325	.2354E-01	.3741E-02	0.0000	.0000E+00	.0000E+0
275		0.00	0.000	0.111	0.3632	3.4515	.0000E+00	.3416E-01	0.8516	.2408E-01	.3807E-02	0.0000	.0000E+00	.0000E+0
276		0.00	0.000	0.078	0.3446	3.1463	.0000E+00	.3349E-01	0.8673	.2452E-01	.3861E-02	0.0000	.0000E+00	.0000E+0
277		0.00	0.000	0.086	0.3247	2.8926	.0000E+00	.3293E-01	0.8800	.2488E-01	.3905E-02	0.0000	.0000E+00	.0000E+0
278		0.00	0.000	0.094	0.3036	2.6684	.0000E+00	.3243E-01	0.8903	.2517E-01	.3940E-02	0.0000	.0000E+00	.0000E+0
279		1.07	0.071	0.096	0.4488	2.4601	.0000E+00	.3197E-01	0.8985	.2541E-01	.3968E-02	0.0000	.0000E+00	.0000E+0
280		0.00	0.000	0.080	0.4296	4.3485	.0000E+00	.3615E-01	0.9094	.2571E-01	.4005E-02	0.0000	.0000E+00	.0000E+0
281		0.00	0.000	0.074	0.4113	4.0355	.0000E+00	.3545E-01	0.9255	.2617E-01	.4059E-02	0.0000	.0000E+00	.0000E+0
282		0.00	0.000	0.099	0.3890	3.7313	.0000E+00	.3478E-01	0.9384	.2653E-01	.4103E-02	0.0000	.0000E+00	.0000E+0
283		0.00	0.000	0.083	0.3696	3.4318	.0000E+00	.3412E-01	0.9485	.2682E-01	.4137E-02	0.0000	.0000E+00	.0000E+0
284		0.00	0.000	0.082	0.3504	3.1513	.0000E+00	.3350E-01	0.9561	.2704E-01	.4163E-02	0.0000	.0000E+00	.0000E+0
285		0.00	0.000	0.079	0.3318	2.8965	.0000E+00	.3294E-01	0.9616	.2719E-01	.4181E-02	0.0000	.0000E+00	.0000E+0
286		0.00	0.000	0.066	0.3153	2.6848	.0000E+00	.3247E-01	0.9652	.2729E-01	.4193E-02	0.0000	.0000E+00	.0000E+0
287		0.00	0.000	0.088	0.2953	2.4749	.0000E+00	.3200E-01	0.9673	.2735E-01	.4200E-02	0.0000	.0000E+00	.0000E+0
288		0.00	0.000	0.089	0.2753	2.1446	.0000E+00	.3127E-01	0.9677	.2736E-01	.4202E-02	0.0000	.0000E+00	.0000E+0
289		0.00	0.000	0.068	0.2588	1.8472	.0000E+00	.3062E-01	0.9663	.2732E-01	.4197E-02	0.0000	.0000E+00	.0000E+0
290		0.00	0.000	0.069	0.2423	1.6790	.0000E+00	.3024E-01	0.9636	.2725E-01	.4188E-02	0.0000	.0000E+00	.0000E+0
291		0.02	0.000	0.052	0.2320	1.4675	.0000E+00	.2978E-01	0.9600	.2715E-01	.4176E-02	0.0000	.0000E+00	.0000E+0
292		0.00	0.000	0.044	0.2199	1.1679	.0000E+00	.2911E-01	0.9554	.2701E-01	.4160E-02	0.0000	.0000E+00	.0000E+0
293		0.00	0.000	0.058	0.2054	0.9126	.0000E+00	.2855E-01	0.9494	.2685E-01	.4140E-02	0.0000	.0000E+00	.0000E+0
294		0.00	0.000	0.060	0.1908	0.7728	.0000E+00	.2824E-01	0.9428	.2666E-01	.4118E-02	0.0000	.0000E+00	.0000E+0
295		0.00	0.000	0.057	0.1765	0.6019	.0000E+00	.2786E-01	0.9358	.2646E-01	.4094E-02	0.0000	.0000E+00	.0000E+0
296		0.00	0.000	0.052	0.1633	0.3240	.0000E+00	.2725E-01	0.9282	.2624E-01	.4069E-02	0.0000	.1413E-10	.3157E-0
297		0.00	0.000	0.050	0.1537	0.0251	.0000E+00	.6685E-02	0.8998	.2544E-01	.3972E-02	0.0001	.2820E-08	.2102E-0
298		0.00	0.000	0.062	0.1434	0.0000	.0000E+00	.0000E+00	0.8340	.2358E-01	.3746E-02	0.0001	.1631E-07	.5056E-0
299		0.00	0.000	0.051	0.1350	0.0000	.0000E+00	.0000E+00	0.7628	.2157E-01	.3497E-02	0.0003	.4574E-07	.8362E-0
300		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6976	.1972E-01	.3264E-02	0.0004	.8753E-07	.1145E-0
301		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6377	.1803E-01	.3047E-02	0.0004	.1370E-06	.1424E-0
302		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5829	.1648E-01	.2843E-02	0.0005	.1910E-06	.1674E-0
303		0.29	0.000	0.033	0.1779	0.0000	.0000E+00	.0000E+00	0.5326	.1506E-01	.2653E-02	0.0006	.2471E-06	.1899E-0
304		0.00	0.000	0.029	0.1731	0.0000	.0000E+00	.0000E+00	0.4865	.1376E-01	.2475E-02	0.0007	.3030E-06	.2098E-0
305		0.00	0.000	0.032	0.1677	0.0000	.0000E+00	.0000E+00	0.4443	.1256E-01	.2308E-02	0.0007	.3574E-06	.2275E-0
306		0.00	0.000	0.030	0.1627	0.0000	.0000E+00	.0000E+00	0.4056	.1147E-01	.2153E-02	0.0008	.4091E-06	.3047E-0
307		0.03	0.000	0.040	0.1610	0.0000	.0000E+00	.0000E+00	0.3701	.1047E-01	.2007E-02	0.0009	.4754E-06	.2599E-0
308		0.00	0.000	0.027	0.1566	0.0000	.0000E+00	.0000E+00	0.3377	.9548E-02	.1871E-02	0.0009	.5182E-06	.2713E-0
309		0.34	0.000	0.041	0.2064	0.0000	.0000E+00	.0000E+00	0.3080	.8708E-02	.1744E-02	0.0009	.5566E-06	.2812E-0
310		0.00	0.000	0.053	0.1976	0.0000	.0000E+00	.0000E+00	0.2808	.7939E-02	.1625E-02	0.0010	.5903E-06	.2895E-0
311		0.94	0.034	0.059	0.3388	0.0000	.0000E+00	.0000E+00	0.2559	.7236E-02	.1514E-02	0.0010	.6195E-06	.2966E-0
312		0.17	0.000	0.058	0.3527	1.1291	.0000E+00	.2903E-01	0.2620	.7408E-02	.1541E-02	0.0010	.5911E-06	.2897E-0
313		0.00	0.000	0.052	0.3391	1.5008	.0000E+00	.2985E-01	0.3150	.8908E-02	.1774E-02	0.0009	.4873E-06	.2631E-0
314		0.11	0.000	0.059	0.3427	1.5295	.0000E+00	.2991E-01	0.3650	.1032E-01	.1986E-02	0.0008	.4056E-06	.2401E-0
315		0.00	0.000	0.056	0.3283	1.4464	.0000E+00	.2973E-01	0.4106	.1161E-01	.2173E-02	0.0004	.1712E-06	.1655E-0
316		0.14	0.000	0.065	0.3360	1.3071	.0000E+00	.2942E-01	0.4518	.1277E-01	.2338E-02	0.0007	.3118E-06	.2085E-0
317		0.00	0.000	0.065	0.3204	1.1490	.0000E+00	.2907E-01	0.4887	.1382E-01	.2483E-02	0.0007	.2710E-06	.2425E-0
318		0.00	0.000	0.071	0.3037	0.9606	.0000E+00	.2866E-01	0.5215	.1475E-01	.2610E-02	0.0006	.2290E-06	.1806E-0
319		0.00	0.000	0.048	0.2910	0.9132	.0000E+00	.2855E-01	0.5508	.1557E-01	.2722E-02	0.0006	.2078E-06	.1721E-0
320		0.00	0.000	0.046	0.2785	0.7803	.0000E+00	.2826E-01	0.5772	.1632E-01	.2822E-02	0.0005	.1918E-06	.1654E-0
321		0.00	0.000	0.046	0.2662	0.6438	.0000E+00	.2796E-01	0.6006	.1698E-01	.2910E-02	0.0005	.1801E-06	.1603E-0
322		0.00	0.000	0.041	0.2548	0.5090	.0000E+00	.2766E-01	0.6213	.1757E-01	.2986E-02	0.0003	.8607E-07	.1172E-0
323		0.00	0.000	0.045	0.2427	0.3758	.0000E+00	.2736E-01	0.6395	.1808E-01	.3053E-02	0.0005	.1702E-06	.1550E-0
324		0.84	0.012	0.054	0.3672	0.2437	.0000E+00	.2707E-01	0.6554	.1853E-01	.3112E-02	0.0005	.1669E-06	.1536E-0
325		0.00	0.000	0.054	0.3530	1.9324	.0000E+00	.3080E-01	0.6732	.1904E-01	.3177E-02	0.0005	.1640E-06	.1522E-0
326		0.68	0.014	0.056	0.4493	2.6703	.0000E+00	.3244E-01	0.6972	.1971E-01	.3263E-02	0.0005	.1599E-06	.1870E-0
327		0.00	0.000	0.047	0.4355	4.3969	.0000E+00	.3625E-01	0.7256	.2052E-01	.3365E-02	0.0005	.1455E-06	.1442E-0
328	*	0.01	0.000	0.043	0.4241	4.1761	.0000E+00	.3577E-01	0.7574	.2141E-01	.3478E-02	0.0005	.1357E-06	.1393E-0
329	*	0.00	0.000	0.035	0.4124	3.9303	.0000E+00	.3522E-01	0.7851	.2220E-01	.3576E-02	0.0004	.1301E-06	.1365E-0
330	*	0.00	0.000	0.035	0.4009	3.7138	.0000E+00	.3474E-01	0.8092	.2288E-01	.3660E-02	0.0002	.6402E-07	.1009E-0

331	*	0.55	0.000	0.031	0.3984	3.5217	.0000E+00	.3432E-01	0.8302	.2347E-01	.3733E-02	0.0005	.1304E-06	.1357E-0
332	*	0.04	0.000	0.023	0.3960	3.3690	.0000E+00	.3398E-01	0.8484	.2399E-01	.3796E-02	0.0005	.1328E-06	.1372E-0
333	*	0.02	0.000	0.030	0.3937	3.2360	.0000E+00	.3369E-01	0.8642	.2444E-01	.3850E-02	0.0005	.1376E-06	.1397E-0
334		0.00	0.000	0.038	0.3933	3.0989	.0000E+00	.3338E-01	0.8780	.2482E-01	.3898E-02	0.0005	.1465E-06	.1801E-0
335		0.11	0.002	0.000	0.4718	3.7855	.0000E+00	.3490E-01	0.8916	.2521E-01	.3944E-02	0.0005	.1532E-06	.1481E-0
336		0.00	0.000	0.049	0.4574	5.0837	.0000E+00	.3777E-01	0.9094	.2571E-01	.4005E-02	0.0002	.7706E-07	.1123E-0
337		0.00	0.000	0.043	0.4440	4.7575	.0000E+00	.3705E-01	0.9297	.2629E-01	.4074E-02	0.0005	.1640E-06	.1525E-0
338		0.00	0.000	0.045	0.4303	4.4698	.0000E+00	.3641E-01	0.9465	.2676E-01	.4130E-02	0.0005	.1708E-06	.1558E-0
339		0.00	0.000	0.049	0.4163	4.1782	.0000E+00	.3577E-01	0.9602	.2715E-01	.4177E-02	0.0005	.1807E-06	.1603E-0
340		0.00	0.000	0.055	0.4013	3.9022	.0000E+00	.3516E-01	0.9712	.2746E-01	.4213E-02	0.0005	.1933E-06	.1660E-0
341		0.00	0.000	0.042	0.3887	3.6660	.0000E+00	.3464E-01	0.9797	.2770E-01	.4242E-02	0.0006	.2086E-06	.1725E-0
342		0.00	0.000	0.048	0.3750	3.4411	.0000E+00	.3414E-01	0.9862	.2789E-01	.4264E-02	0.0006	.2263E-06	.2260E-0
343		0.00	0.000	0.052	0.3608	3.2104	.0000E+00	.3363E-01	0.9909	.2802E-01	.4279E-02	0.0006	.2508E-06	.1894E-0
344		0.04	0.000	0.052	0.3533	2.9853	.0000E+00	.3313E-01	0.9939	.2810E-01	.4289E-02	0.0006	.2734E-06	.1978E-0
345	*	0.05	0.000	0.041	0.3493	2.8060	.0000E+00	.3274E-01	0.9954	.2815E-01	.4294E-02	0.0003	.1489E-06	.1540E-0
346		0.00	0.000	0.039	0.3374	2.6878	.0000E+00	.3247E-01	0.9959	.2816E-01	.4296E-02	0.0007	.3173E-06	.2130E-0
347		0.05	0.000	0.051	0.3319	2.5650	.0000E+00	.3220E-01	0.9957	.2815E-01	.4295E-02	0.0007	.3438E-06	.2784E-0
348	*	0.00	0.000	0.029	0.3217	2.3933	.0000E+00	.3182E-01	0.9947	.2813E-01	.4292E-02	0.0008	.3786E-06	.2325E-0
349	*	0.48	0.000	0.030	0.3198	2.2528	.0000E+00	.3151E-01	0.9928	.2807E-01	.4286E-02	0.0008	.4076E-06	.2412E-0
350	*	0.66	0.000	0.033	0.3178	2.0935	.0000E+00	.3116E-01	0.9903	.2800E-01	.4277E-02	0.0008	.4373E-06	.2499E-0
351	*	0.00	0.000	0.029	0.3160	1.9528	.0000E+00	.3085E-01	0.9871	.2791E-01	.4267E-02	0.0008	.4677E-06	.2584E-0
352	*	0.80	0.000	0.000	0.3142	1.8235	.0000E+00	.3056E-01	0.9833	.2780E-01	.4254E-02	0.0009	.4985E-06	.2667E-0
353	*	0.25	0.000	0.032	0.3124	1.6832	.0000E+00	.3025E-01	0.9791	.2769E-01	.4240E-02	0.0009	.5295E-06	.2748E-0
354	*	0.15	0.000	0.031	0.3107	1.5443	.0000E+00	.2995E-01	0.9745	.2755E-01	.4224E-02	0.0009	.5606E-06	.2828E-0
355	*	0.00	0.000	0.032	0.3090	1.4068	.0000E+00	.2964E-01	0.9694	.2741E-01	.4207E-02	0.0010	.5917E-06	.2905E-0
356	*	0.00	0.000	0.028	0.3074	1.2707	.0000E+00	.2934E-01	0.9640	.2726E-01	.4189E-02	0.0010	.6225E-06	.2979E-0
357	*	0.00	0.000	0.035	0.3059	1.1360	.0000E+00	.2904E-01	0.9582	.2709E-01	.4170E-02	0.0010	.6531E-06	.3051E-0
358	*	0.00	0.000	0.032	0.3044	0.9777	.0000E+00	.2869E-01	0.9521	.2692E-01	.4149E-02	0.0010	.6832E-06	.3120E-0
359	*	0.00	0.000	0.028	0.3029	0.8717	.0000E+00	.2846E-01	0.9456	.2674E-01	.4128E-02	0.0010	.7127E-06	.3186E-0
360	*	0.00	0.000	0.034	0.3015	0.7571	.0000E+00	.2821E-01	0.9391	.2655E-01	.4106E-02	0.0011	.7414E-06	.3250E-0
361		0.00	0.000	0.021	0.3258	0.6411	.0000E+00	.2795E-01	0.9325	.2637E-01	.4083E-02	0.0011	.7691E-06	.3309E-0
362		0.00	0.000	0.021	0.3466	0.5770	.0000E+00	.2781E-01	0.9258	.2618E-01	.4061E-02	0.0011	.7956E-06	.3366E-0
363		0.00	0.000	0.000	0.4076	2.2126	.0000E+00	.3142E-01	0.9231	.2610E-01	.4051E-02	0.0011	.8149E-06	.3406E-0
364		0.00	0.001	0.000	0.4767	4.0740	.0000E+00	.3554E-01	0.9305	.2631E-01	.4076E-02	0.0011	.8174E-06	.3412E-0
365		0.00	0.007	0.017	0.5010	5.5671	.0000E+00	.3884E-01	0.9472	.2678E-01	.4133E-02	0.0011	.8061E-06	.3388E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 13

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.73	2.71	5.04	1.72	3.08	3.16
	1.69	2.29	6.68	1.38	3.87	2.59
RUNOFF	0.154	1.061	2.410	0.000	0.137	0.111
	0.000	0.099	1.559	0.071	0.060	0.010
EVAPOTRANSPIRATION	1.156	0.673	2.432	2.096	1.991	3.874
	1.515	2.200	2.880	2.014	1.378	0.996
PERCOLATION/LEAKAGE THROUGH	0.7152	0.0000	0.6284	0.1086	0.2018	0.2215
LAYER 2	0.0000	0.1727	0.5662	0.7409	0.7131	1.0011
LATERAL DRAINAGE COLLECTED	0.6196	0.1531	0.2903	0.3227	0.1639	0.1874
FROM LAYER 3	0.0169	0.0653	0.2982	0.7576	0.4730	0.8436
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1019	0.0327	0.0514	0.0590	0.0358	0.0397
LAYER 4	0.0061	0.0139	0.0555	0.1191	0.0815	0.1297
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1095	0.1173	0.0530	0.0684	0.0663	0.0493
LAYER 7	0.0645	0.0357	0.0093	0.0098	0.0590	0.0767

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.404	0.000	1.910	0.116	0.331	0.232
TOP OF LAYER 2	0.000	0.198	1.735	1.810	1.551	2.606
STD. DEVIATION OF DAILY	1.335	0.000	1.865	0.322	0.698	0.532
HEAD ON TOP OF LAYER 2	0.000	0.423	1.942	1.472	1.471	1.404
AVERAGE DAILY HEAD ON	0.707	0.193	0.331	0.380	0.187	0.221
TOP OF LAYER 4	0.019	0.074	0.352	0.864	0.558	0.962
STD. DEVIATION OF DAILY	0.129	0.142	0.317	0.261	0.112	0.109
HEAD ON TOP OF LAYER 4	0.017	0.124	0.243	0.136	0.201	0.029
AVERAGE DAILY HEAD ON	0.001	0.001	0.001	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.000	0.001	0.001

STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 13

	INCHES	CU. FEET	PERCENT
PRECIPITATION	35.94	326155.531	100.00
RUNOFF	5.671	51465.309	15.78
EVAPOTRANSPIRATION	23.203	210570.031	64.56
PERC./LEAKAGE THROUGH LAYER 2	5.069380	46004.621	14.11
AVG. HEAD ON TOP OF LAYER 2	0.9911		
DRAINAGE COLLECTED FROM LAYER 3	4.1916	38039.191	11.66
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.726285	6591.035	2.02
AVG. HEAD ON TOP OF LAYER 4	0.4041		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	1.235	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.718703	6522.230	2.00
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	2.155	19557.639	6.00
SOIL WATER AT START OF YEAR	284.010	2577390.250	
SOIL WATER AT END OF YEAR	285.909	2594621.750	
SNOW WATER AT START OF YEAR	0.078	710.952	0.22
SNOW WATER AT END OF YEAR	0.335	3037.224	0.93
ANNUAL WATER BUDGET BALANCE	0.0000	-0.120	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 14

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.00	0.282	0.013	0.5010	6.0000	.0000E+00	.3980E-01	0.9688	.2739E-01	.4205E-02	0.0011	.7893E-06	.3353E-0
2			0.23	0.223	0.053	0.4868	5.8538	.0000E+00	.3947E-01	0.9898	.2799E-01	.4276E-02	0.0011	.7761E-06	.3325E-0
3			0.00	0.000	0.045	0.4729	5.4792	.0000E+00	.3865E-01	1.0078	.2849E-01	.4336E-02	0.0011	.7699E-06	.3312E-0
4	*		0.00	0.000	0.041	0.4598	5.1200	.0000E+00	.3785E-01	1.0221	.2890E-01	.4383E-02	0.0011	.7709E-06	.3314E-0
5	*		0.00	0.000	0.038	0.4473	4.8164	.0000E+00	.3718E-01	1.0333	.2922E-01	.4420E-02	0.0011	.7776E-06	.3329E-0
6	*		0.00	0.000	0.037	0.4351	4.5454	.0000E+00	.3658E-01	1.0420	.2946E-01	.4449E-02	0.0011	.7890E-06	.3353E-0
7	*		0.00	0.000	0.040	0.4225	4.2765	.0000E+00	.3599E-01	1.0483	.2964E-01	.4470E-02	0.0006	.4020E-06	.2534E-0
8	*	*	0.00	0.000	0.000	0.4174	1.7211	.0000E+00	.3034E-01	1.0476	.2962E-01	.4468E-02	0.0011	.8234E-06	.3425E-0
9	*	*	0.43	0.000	0.031	0.4127	0.8111	.0000E+00	.2833E-01	1.0358	.2929E-01	.4429E-02	0.0012	.8595E-06	.3504E-0
10		*	0.00	0.000	0.043	0.4080	0.6811	.0000E+00	.2804E-01	1.0215	.2888E-01	.4381E-02	0.0012	.9030E-06	.3592E-0
11	*	*	0.00	0.000	0.035	0.4034	0.5524	.0000E+00	.2775E-01	1.0076	.2849E-01	.4335E-02	0.0012	.9455E-06	.3675E-0
12	*	*	0.00	0.000	0.035	0.3988	0.4250	.0000E+00	.2747E-01	0.9941	.2811E-01	.4290E-02	0.0012	.9851E-06	.3750E-0
13	*	*	0.00	0.000	0.032	0.3943	0.2989	.0000E+00	.2719E-01	0.9810	.2774E-01	.4246E-02	0.0013	.1022E-05	.3819E-0
14	*	*	0.09	0.000	0.035	0.3898	0.1740	.0000E+00	.2692E-01	0.9683	.2738E-01	.4204E-02	0.0013	.1057E-05	.4857E-0
15	*	*	0.76	0.000	0.030	0.3863	0.0505	.0000E+00	.2097E-01	0.9502	.2687E-01	.4143E-02	0.0013	.1107E-05	.3968E-0
16	*	*	0.00	0.000	0.033	0.3863	0.0000	.0000E+00	.0000E+00	0.9032	.2554E-01	.3984E-02	0.0014	.1199E-05	.4128E-0
17	*	*	0.00	0.000	0.041	0.3863	0.0000	.0000E+00	.0000E+00	0.8264	.2337E-01	.3719E-02	0.0007	.6727E-06	.3282E-0
18	*	*	0.11	0.000	0.000	0.3863	0.0000	.0000E+00	.0000E+00	0.7558	.2137E-01	.3472E-02	0.0015	.1423E-05	.4526E-0
19	*	*	0.25	0.000	0.033	0.3863	0.0000	.0000E+00	.0000E+00	0.6912	.1954E-01	.3241E-02	0.0015	.1532E-05	.5881E-0

20	*	*	0.04	0.000	0.031	0.3863	0.0000	.0000E+00	.0000E+00	0.6319	.1787E-01	.3025E-02	0.0008	.8454E-06	.3665E-0
21	*	*	0.21	0.000	0.029	0.3863	0.0000	.0000E+00	.0000E+00	0.5775	.1633E-01	.2823E-02	0.0016	.1713E-05	.4955E-0
22	*	*	0.15	0.000	0.029	0.3863	0.0000	.0000E+00	.0000E+00	0.5276	.1492E-01	.2634E-02	0.0017	.1774E-05	.5040E-0
23	*	*	0.00	0.000	0.029	0.3863	0.0000	.0000E+00	.0000E+00	0.4820	.1363E-01	.2457E-02	0.0017	.1820E-05	.5101E-0
24	*	*	0.00	0.000	0.025	0.3863	0.0000	.0000E+00	.0000E+00	0.4401	.1244E-01	.2292E-02	0.0017	.1839E-05	.6418E-0
25	*	*	0.01	0.000	0.000	0.3863	0.0000	.0000E+00	.0000E+00	0.4018	.1136E-01	.2137E-02	0.0017	.1886E-05	.5169E-0
26	*	*	0.27	0.000	0.030	0.3863	0.0000	.0000E+00	.0000E+00	0.3667	.1037E-01	.1993E-02	0.0009	.9441E-06	.3894E-0
27	*	*	0.00	0.000	0.030	0.3863	0.0000	.0000E+00	.0000E+00	0.3345	.9458E-02	.1858E-02	0.0017	.1871E-05	.5167E-0
28	*	*	0.00	0.000	0.027	0.3863	0.0000	.0000E+00	.0000E+00	0.3051	.8626E-02	.1731E-02	0.0017	.1859E-05	.5149E-0
29	*	*	0.00	0.000	0.025	0.3863	0.0000	.0000E+00	.0000E+00	0.2781	.7864E-02	.1613E-02	0.0017	.1827E-05	.6386E-0
30	*	*	0.00	0.000	0.027	0.3863	0.0000	.0000E+00	.0000E+00	0.2535	.7167E-02	.1503E-02	0.0017	.1818E-05	.5075E-0
31	*	*	0.00	0.000	0.038	0.3863	0.0000	.0000E+00	.0000E+00	0.2309	.6530E-02	.1399E-02	0.0017	.1785E-05	.5029E-0
32		*	0.15	0.025	0.000	0.4083	0.0000	.0000E+00	.0000E+00	0.2103	.5947E-02	.1303E-02	0.0016	.1749E-05	.4978E-0
33	*	*	0.00	0.000	0.038	0.4083	0.0000	.0000E+00	.0000E+00	0.1915	.5414E-02	.1213E-02	0.0016	.1710E-05	.4922E-0
34	*	*	0.00	0.000	0.035	0.4083	0.0000	.0000E+00	.0000E+00	0.1742	.4927E-02	.1129E-02	0.0016	.1668E-05	.4862E-0
35	*	*	0.00	0.000	0.036	0.4083	0.0000	.0000E+00	.0000E+00	0.1585	.4482E-02	.1050E-02	0.0016	.1625E-05	.4798E-0
36		*	0.00	0.000	0.042	0.4083	0.0000	.0000E+00	.0000E+00	0.1441	.4075E-02	.9766E-03	0.0016	.1580E-05	.4732E-0
37		*	0.48	0.512	0.000	0.4400	0.0000	.0000E+00	.0000E+00	0.1310	.3704E-02	.9080E-03	0.0015	.1535E-05	.4664E-0
38	*	*	0.61	0.000	0.037	0.4400	0.0000	.0000E+00	.0000E+00	0.1190	.3365E-02	.8440E-03	0.0015	.1489E-05	.4594E-0
39		*	0.00	0.272	0.001	0.4529	0.0000	.0000E+00	.0000E+00	0.1081	.3056E-02	.7842E-03	0.0008	.7321E-06	.3404E-0
40		*	0.00	0.950	0.000	0.4620	0.0000	.0000E+00	.0000E+00	0.0981	.2774E-02	.7284E-03	0.0015	.1405E-05	.4469E-0
41		*	0.00	0.464	0.022	0.4627	0.0000	.0000E+00	.0000E+00	0.0890	.2517E-02	.6764E-03	0.0015	.1360E-05	.5480E-0
42		*	0.03	0.016	0.004	0.4643	0.0000	.0000E+00	.0000E+00	0.0807	.2282E-02	.6278E-03	0.0014	.1309E-05	.4306E-0
43		*	0.00	0.000	0.000	0.4643	0.0000	.0000E+00	.0000E+00	0.0732	.2068E-02	.5826E-03	0.0014	.1265E-05	.4234E-0
44		*	0.00	0.000	0.000	0.4643	0.0000	.0000E+00	.0000E+00	0.0663	.1874E-02	.5403E-03	0.0014	.1222E-05	.4162E-0
45		*	0.08	0.066	0.004	0.4653	0.0023	.0000E+00	.4524E-02	0.0645	.1824E-02	.5293E-03	0.0013	.1165E-05	.4063E-0
46		*	0.31	0.296	0.004	0.4652	0.0057	.0000E+00	.9965E-02	0.0755	.2136E-02	.5967E-03	0.0013	.1069E-05	.3893E-0
47	*	*	0.00	0.000	0.000	0.4648	0.0029	.0000E+00	.2488E-02	0.0869	.2457E-02	.6642E-03	0.0006	.4909E-06	.2807E-0
48	*	*	0.02	0.000	0.020	0.4648	0.0000	.0000E+00	.0000E+00	0.0828	.2340E-02	.6400E-03	0.0012	.9549E-06	.3683E-0
49		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0750	.2122E-02	.5939E-03	0.0012	.9296E-06	.3636E-0
50	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0680	.1922E-02	.5509E-03	0.0012	.9086E-06	.3595E-0
51	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0616	.1741E-02	.5109E-03	0.0012	.8871E-06	.3552E-0
52	*	*	0.09	0.000	0.046	0.4648	0.0000	.0000E+00	.0000E+00	0.0557	.1575E-02	.4735E-03	0.0012	.8652E-06	.3507E-0
53	*	*	0.00	0.000	0.044	0.4648	0.0000	.0000E+00	.0000E+00	0.0504	.1425E-02	.4387E-03	0.0011	.8431E-06	.3462E-0
54		*	0.23	0.216	0.004	0.4648	0.0058	.0000E+00	.1004E-01	0.0555	.1570E-02	.4718E-03	0.0011	.8019E-06	.3368E-0
55		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0663	.1876E-02	.5407E-03	0.0011	.7421E-06	.3236E-0
56		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0601	.1698E-02	.5013E-03	0.0010	.7108E-06	.3967E-0
57		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0544	.1537E-02	.4646E-03	0.0010	.6966E-06	.3143E-0
58		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0492	.1390E-02	.4304E-03	0.0010	.6827E-06	.3112E-0
59		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0444	.1256E-02	.3986E-03	0.0010	.6684E-06	.3079E-0
60		*	0.08	0.067	0.004	0.4648	0.0053	.0000E+00	.9120E-02	0.0492	.1391E-02	.4302E-03	0.0005	.3173E-06	.2245E-0
61	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0591	.1671E-02	.4951E-03	0.0010	.5934E-06	.2893E-0
62		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0535	.1512E-02	.4588E-03	0.0009	.5704E-06	.2849E-0
63		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0483	.1367E-02	.4250E-03	0.0009	.5626E-06	.2829E-0
64	*	*	1.30	0.000	0.042	0.4648	0.0000	.0000E+00	.0000E+00	0.0437	.1236E-02	.3936E-03	0.0009	.5540E-06	.2808E-0
65		*	0.00	0.802	0.000	0.4654	0.0049	.0000E+00	.1091E-01	0.0503	.1422E-02	.4373E-03	0.0009	.5275E-06	.2730E-0
66		*	0.00	0.421	0.021	0.4648	0.0042	.0000E+00	.3637E-02	0.0666	.1882E-02	.5422E-03	0.0009	.4786E-06	.2593E-0
67			0.02	0.000	0.092	0.4482	3.6812	.0000E+00	.2804E-01	0.0939	.2656E-02	.7022E-03	0.0008	.4146E-06	.2405E-0
68			0.61	0.167	0.088	0.5010	5.2222	.0000E+00	.3808E-01	0.1680	.4751E-02	.1096E-02	0.0007	.3078E-06	.2522E-0
69			0.44	0.423	0.078	0.4842	5.8564	.0000E+00	.3948E-01	0.2532	.7160E-02	.1500E-02	0.0005	.1630E-06	.1523E-0
70			0.15	0.006	0.081	0.4882	5.5657	.0000E+00	.3884E-01	0.3327	.9408E-02	.1850E-02	0.0004	.9780E-07	.1180E-0
71			0.00	0.000	0.110	0.4634	5.3924	.0000E+00	.3845E-01	0.4041	.1143E-01	.2146E-02	0.0003	.5721E-07	.9037E-0
72			0.11	0.000	0.104	0.4582	4.8687	.0000E+00	.3730E-01	0.4677	.1322E-01	.2401E-02	0.0002	.3238E-07	.6809E-0
73			0.15	0.000	0.122	0.4567	4.6912	.0000E+00	.3690E-01	0.5237	.1481E-01	.2619E-02	0.0002	.1771E-07	.5047E-0
74			0.00	0.000	0.103	0.4335	4.5368	.0000E+00	.3656E-01	0.5740	.1623E-01	.2810E-02	0.0001	.9121E-08	.3633E-0
75			0.00	0.000	0.100	0.4109	4.1195	.0000E+00	.3564E-01	0.6187	.1749E-01	.2977E-02	0.0000	.1942E-08	.1849E-0
76			0.73	0.065	0.088	0.5010	4.4559	.0000E+00	.3638E-01	0.6589	.1863E-01	.3124E-02	0.0001	.3029E-08	.1909E-0
77			0.49	0.375	0.075	0.5010	6.0000	.0000E+00	.3980E-01	0.7004	.1980E-01	.3275E-02	0.0000	.1154E-08	.1103E-0
78			0.00	0.000	0.116	0.4752	5.7402	.0000E+00	.3922E-01	0.7434	.2102E-01	.3428E-02	0.0000	.2503E-09	.3708E-0
79			0.00	0.000	0.124	0.4482	5.0699	.0000E+00	.3774E-01	0.7804	.2206E-01	.3559E-02	0.0000	.3571E-10	.1127E-0
80			0.00	0.000	0.140	0.4188	4.5136	.0000E+00	.3651E-01	0.8107	.2292E-01	.3665E-02	0.0000	.0000E+00	.0000E+0
81			0.00	0.000	0.137	0.3900	3.9826	.0000E+00	.3534E-01	0.8354	.2362E-01	.3751E-02	0.0000	.0000E+00	.0000E+0
82			0.00	0.000	0.117	0.3648	3.5969	.0000E+00	.3448E-01	0.8552	.2418E-01	.3820E-02	0.0000	.0000E+00	.0000E+0
83	*		0.23	0.000	0.042	0.3625	3.3289	.0000E+00	.3389E-01	0.8715	.2464E-01	.3876E-02	0.0000	.2400E-10	.1964E-0
84			0.00	0.000	0.087	0.3601	3.1733	.0000E+00	.3355E-01	0.8852	.2503E-01	.3922E-02	0.0000	.3442E-09	.7034E-0
85			0.44	0.000	0.038	0.4319	3.1725	.0000E+00	.3355E-01	0.8971	.2537E-01	.3963E-02	0.0000	.1207E-08	.1791E-0
86			0.00	0.000	0.120	0.4059	3.9759	.0000E+00	.3532E-01	0.9099	.2573E-01	.4007E-02	0.0001	.2989E-08	.2113E-0
87	*		0.00	0.000	0.091	0.3850	3.6970	.0000E+00	.3471E-01	0.9238	.2612E-01	.4054E-02	0.0000	.1991E-08	.1939E-0
88			0.00	0.000	0.108	0.3614	3.3915	.0000E+00	.3403E-01	0.9350	.2644E-01	.4091E-02	0.0001	.7399E-08	.3264E-0
89	*		0.47	0.000	0.046	0.3591	3.1340	.0000E+00	.3346E-01	0.9435	.2668E-01	.4120E-02	0.0001	.1143E-07	.4062E-0
90			0.00	0.000	0.054	0.4119	2.9804	.0000E+00	.3312E-01	0.9501	.2686E-01	.4143E-02	0.0002	.1688E-07	.4938E-0
91			0.13	0.000	0.097	0.4117	3.5517	.0000E+00	.3438E-01	0.9569	.2706E-01	.4165E-02	0.0002	.2359E-07	.5831E-0
92			0.22	0.000	0.085	0.4284	3.5692	.0000E+00	.3442E-01	0.9651	.2729E-01	.4193E-02	0.0002	.3113E-07	.6687E-0
93			0.00	0.000	0.137	0.3998	3.7902	.0000E+00	.3491E-01	0.9733	.2752E-01	.4220E-02	0.0002	.3959E-07	.7539E-0
94			0.00	0.000	0.149	0.3694	3.4175	.0000E+00	.3409E-01	0.9807	.2773E-01	.4245E-02	0.0003	.4932E-07	.8413E-0
95			0.00	0.000	0.172	0.3352	3.0316	.0000E+00	.3323E-01	0.9854	.2786E-01	.4261E-02	0.0003	.6099E-07	.9363E-0
96			0.00	0.000	0.163	0.3027	2.7194	.0000E+00	.3254E-01	0.9876	.2792E-01	.4268E-02	0.0003	.7504E-07	.1039E-0
97			0.02	0.000	0.125	0.2798	2.3066	.0000E+00	.3163E-01	0.9876	.2792E-01	.4268E-02	0.0004	.9154E-07	.1148E-0
98			0.00	0.000	0.143	0.2509	1.8764	.0000E+00	.3068E-01	0.9852	.2786E-01	.4260E-02	0.0004	.1107E-06	.1262E-0
99			0.00	0.000	0.136	0.2232	1.4924	.0000E+00	.2983E-01	0.9806	.2773E-01	.4245E-02	0.0005	.1326E-06	.1382E-0
100			0.00	0.000	0.134	0.1961	0.9585	.0000E+00	.2865E-01	0.9739	.2754E-01	.4222E-02	0.0005	.1574E-06	.1505E-0
101			0.53	0.000	0.144	0.2558	0.7610	.0000E+00	.2821E-01	0.9653	.2730E-01	.4194E-02	0.0005	.1848E-06	.1630E-0
102			0.08	0.000	0.124	0.2438	0.5307	.0000E+00	.2771E-01	0.9563	.2704E-01	.4163E-02	0.0006	.2142E-06	.2209E-0
103			0.00	0.000	0.219	0.2027	0.3016	.0000E+00	.2720E-01	0.9467	.2677E-01	.4131E-02	0.0006	.2539E-06	.1906E-0
104			0.00	0.000	0.163	0.1716	0.0919	.0000E+00	.2348E-01	0.9334	.2639E-01	.4086E-02	0.0007	.2894E-06	.2034E-0
105			0.00	0.000	0.178	0.1419	0.0000	.0000E+00	.0000E+00	0.8918	.2522E-01	.3945E-02	0.0007	.3542E-06	.2249E-0
106			0.00	0.000	0.042	0.1350	0.0000	.0000E+00	.0000E+00	0.8159	.2307E-01	.3683E-02	0.0008	.4620E-06	.2566E-0
107			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7462	.2110E-01	.3438E-02	0.0005	.2842E-06	.2131E-0
108			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6824	.1929E-01	.3209E-02	0.0010	.6330E-06	.3029E-0
109			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6238	.1764E-01	.2995E-02	0.0011	.7297E-06	.3247E-0
110			0.05	0.000	0.007	0.1422	0.0000	.0000E+00	.0000E+00	0.5701	.1612E-01	.2795E-02	0.0011	.8184E-06	.3435E-0
111			0.00	0.000	0.018	0.1392	0.0000	.0000E+00	.0000E+00	0.5209	.1473E-01	.2608E-02	0.0012	.8980E-06	.3594E-0
112			0.65	0.000	0.029	0.2426	0.0000	.0000E+00	.0000E+00	0.4758	.1345E-01	.2433E-02	0.0012	.9679E-06	.3729E-0
113			0.00	0.000	0.192	0.2106	0.0000	.0000E+00	.0000E+00	0.4344	.1228E-01	.2269E-02	0.0013	.1028E-05	.3840E-0
114			0.00	0.000	0.036	0.2047	0.0000	.0000E+00	.0000E+00	0.3966	.1121E-01	.2116E-02	0.0013	.1079E-05	.3931E-0
115			0.00	0.000	0.034	0.1991	0.0000	.0000E+00	.0000E+00	0.3619	.1023E-01	.1973E-02	0.0013	.1120E-05	.4004E-0

116	0.00	0.000	0.032	0.1938	0.0000	.0000E+00	.0000E+00	0.3301	.9334E-02	.1839E-02	0.0013	.1152E-05	.4060E-0
117	0.00	0.000	0.030	0.1887	0.0000	.0000E+00	.0000E+00	0.3011	.8513E-02	.1714E-02	0.0013	.1177E-05	.4101E-0
118	0.00	0.000	0.029	0.1838	0.0000	.0000E+00	.0000E+00	0.2745	.7761E-02	.1597E-02	0.0014	.1194E-05	.4129E-0
119	0.00	0.000	0.028	0.1791	0.0000	.0000E+00	.0000E+00	0.2501	.7072E-02	.1487E-02	0.0014	.1204E-05	.4146E-0
120	0.00	0.000	0.027	0.1745	0.0000	.0000E+00	.0000E+00	0.2279	.6443E-02	.1385E-02	0.0014	.1208E-05	.4152E-0
121	0.00	0.000	0.027	0.1700	0.0000	.0000E+00	.0000E+00	0.2075	.5867E-02	.1290E-02	0.0014	.1207E-05	.4150E-0
122	0.00	0.000	0.026	0.1657	0.0000	.0000E+00	.0000E+00	0.1889	.5341E-02	.1200E-02	0.0014	.1202E-05	.4139E-0
123	0.00	0.000	0.026	0.1614	0.0000	.0000E+00	.0000E+00	0.1719	.4860E-02	.1117E-02	0.0014	.1192E-05	.4122E-0
124	0.00	0.000	0.025	0.1572	0.0000	.0000E+00	.0000E+00	0.1564	.4421E-02	.1039E-02	0.0013	.1172E-05	.5113E-0
125	0.02	0.000	0.028	0.1558	0.0000	.0000E+00	.0000E+00	0.1422	.4020E-02	.9665E-03	0.0007	.5896E-06	.3057E-0
126	0.00	0.000	0.024	0.1518	0.0000	.0000E+00	.0000E+00	0.1292	.3653E-02	.8986E-03	0.0013	.1145E-05	.4038E-0
127	0.00	0.000	0.024	0.1478	0.0000	.0000E+00	.0000E+00	0.1174	.3319E-02	.8352E-03	0.0013	.1125E-05	.4001E-0
128	0.00	0.000	0.025	0.1437	0.0000	.0000E+00	.0000E+00	0.1066	.3014E-02	.7760E-03	0.0013	.1103E-05	.3961E-0
129	0.00	0.000	0.021	0.1401	0.0000	.0000E+00	.0000E+00	0.0967	.2735E-02	.7208E-03	0.0013	.1079E-05	.3919E-0
130	0.66	0.000	0.027	0.2457	0.0000	.0000E+00	.0000E+00	0.0878	.2482E-02	.6692E-03	0.0013	.1048E-05	.4831E-0
131	0.05	0.000	0.150	0.2290	0.0000	.0000E+00	.0000E+00	0.0796	.2250E-02	.6212E-03	0.0013	.1027E-05	.3815E-0
132	0.00	0.000	0.023	0.2251	0.0000	.0000E+00	.0000E+00	0.0721	.2039E-02	.5763E-03	0.0006	.5003E-06	.2834E-0
133	0.01	0.000	0.026	0.2225	0.0000	.0000E+00	.0000E+00	0.0653	.1847E-02	.5345E-03	0.0012	.9781E-06	.3729E-0
134	0.00	0.000	0.023	0.2186	0.0000	.0000E+00	.0000E+00	0.0592	.1673E-02	.4956E-03	0.0012	.9519E-06	.3679E-0
135	0.18	0.000	0.026	0.2443	0.0000	.0000E+00	.0000E+00	0.0535	.1513E-02	.4593E-03	0.0012	.9258E-06	.3628E-0
136	0.00	0.000	0.202	0.2107	0.0000	.0000E+00	.0000E+00	0.0484	.1369E-02	.4254E-03	0.0012	.8997E-06	.3576E-0
137	0.00	0.000	0.025	0.2065	0.0000	.0000E+00	.0000E+00	0.0437	.1237E-02	.3939E-03	0.0012	.8739E-06	.3524E-0
138	0.15	0.000	0.029	0.2267	0.0000	.0000E+00	.0000E+00	0.0395	.1117E-02	.3646E-03	0.0011	.8484E-06	.3472E-0
139	0.25	0.000	0.031	0.2633	0.0000	.0000E+00	.0000E+00	0.0357	.1009E-02	.3373E-03	0.0011	.8232E-06	.3420E-0
140	0.72	0.018	0.241	0.3389	0.1348	.0000E+00	.6931E-02	0.0391	.1104E-02	.3610E-03	0.0011	.7801E-06	.4152E-0
141	0.08	0.000	0.185	0.3165	1.2039	.0000E+00	.2919E-01	0.0753	.2130E-02	.5918E-03	0.0010	.6388E-06	.3010E-0
142	2.77	1.454	0.176	0.5010	2.7700	.0000E+00	.3266E-01	0.1475	.4172E-02	.9924E-03	0.0008	.4620E-06	.2561E-0
143	0.00	0.000	0.236	0.4552	5.5410	.0000E+00	.3878E-01	0.2251	.6364E-02	.1371E-02	0.0007	.3266E-06	.2154E-0
144	0.00	0.000	0.215	0.4132	4.5211	.0000E+00	.3653E-01	0.3036	.8584E-02	.1724E-02	0.0003	.1127E-06	.1343E-0
145	0.00	0.000	0.248	0.3660	3.8124	.0000E+00	.3496E-01	0.3702	.1047E-01	.2007E-02	0.0005	.1842E-06	.1581E-0
146	0.00	0.000	0.221	0.3235	3.1308	.0000E+00	.3345E-01	0.4272	.1208E-01	.2240E-02	0.0005	.1339E-06	.1350E-0
147	0.00	0.000	0.223	0.2811	2.4899	.0000E+00	.3204E-01	0.4756	.1345E-01	.2432E-02	0.0004	.1006E-06	.1173E-0
148	1.85	0.366	0.260	0.4800	2.1426	.0000E+00	.3127E-01	0.5169	.1462E-01	.2593E-02	0.0004	.7852E-07	.1038E-0
149	1.13	0.746	0.219	0.5010	5.8259	.0000E+00	.3941E-01	0.5616	.1588E-01	.2763E-02	0.0003	.6093E-07	.9114E-0
150	0.00	0.000	0.227	0.4568	5.5570	.0000E+00	.3882E-01	0.6150	.1739E-01	.2963E-02	0.0003	.4403E-07	.7681E-0
151	0.89	0.366	0.220	0.5010	5.4122	.0000E+00	.3850E-01	0.6628	.1874E-01	.3138E-02	0.0002	.3100E-07	.6448E-0
152	0.01	0.006	0.180	0.4652	5.6408	.0000E+00	.3900E-01	0.7065	.1998E-01	.3297E-02	0.0002	.2243E-07	.5485E-0
153	0.16	0.000	0.306	0.4347	4.7229	.0000E+00	.3697E-01	0.7455	.2108E-01	.3436E-02	0.0002	.1697E-07	.4781E-0
154	0.02	0.000	0.195	0.3997	3.9736	.0000E+00	.3532E-01	0.7763	.2195E-01	.3545E-02	0.0002	.1489E-07	.5581E-0
155	0.00	0.000	0.195	0.3613	3.7417	.0000E+00	.3480E-01	0.8013	.2266E-01	.3632E-02	0.0001	.1286E-07	.4327E-0
156	0.00	0.000	0.290	0.3074	3.0886	.0000E+00	.3336E-01	0.8221	.2324E-01	.3705E-02	0.0001	.1389E-07	.4496E-0
157	0.00	0.000	0.305	0.2514	2.2061	.0000E+00	.3141E-01	0.8368	.2366E-01	.3756E-02	0.0002	.1654E-07	.4903E-0
158	0.00	0.000	0.241	0.2063	1.3629	.0000E+00	.2955E-01	0.8454	.2390E-01	.3785E-02	0.0002	.2116E-07	.5540E-0
159	0.00	0.000	0.125	0.1808	0.7866	.0000E+00	.2827E-01	0.8489	.2400E-01	.3798E-02	0.0002	.2788E-07	.6352E-0
160	0.00	0.000	0.104	0.1598	0.3518	.0000E+00	.2196E-01	0.8439	.2386E-01	.3780E-02	0.0002	.3845E-07	.7449E-0
161	0.00	0.000	0.087	0.1453	0.0000	.0000E+00	.0000E+00	0.8073	.2283E-01	.3653E-02	0.0003	.6399E-07	.9590E-0
162	0.00	0.000	0.062	0.1350	0.0000	.0000E+00	.0000E+00	0.7383	.2088E-01	.3410E-02	0.0004	.1137E-06	.1276E-0
163	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6751	.1909E-01	.3183E-02	0.0005	.1707E-06	.1561E-0
164	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6171	.1745E-01	.2971E-02	0.0006	.2316E-06	.1817E-0
165	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5640	.1595E-01	.2772E-02	0.0007	.2938E-06	.2046E-0
166	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5153	.1457E-01	.2586E-02	0.0007	.3551E-06	.2248E-0
167	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4706	.1331E-01	.2413E-02	0.0008	.4141E-06	.2427E-0
168	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4297	.1215E-01	.2250E-02	0.0004	.2353E-06	.1939E-0
169	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3923	.1109E-01	.2098E-02	0.0009	.5011E-06	.3365E-0
170	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3579	.1012E-01	.1956E-02	0.0009	.5672E-06	.2838E-0
171	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3265	.9232E-02	.1824E-02	0.0010	.6085E-06	.2940E-0
172	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.2978	.8419E-02	.1699E-02	0.0010	.6447E-06	.3026E-0
173	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2714	.7675E-02	.1583E-02	0.0010	.6759E-06	.3097E-0
174	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2474	.6994E-02	.1475E-02	0.0010	.7020E-06	.3157E-0
175	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2253	.6372E-02	.1373E-02	0.0011	.7235E-06	.3204E-0
176	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2052	.5802E-02	.1279E-02	0.0011	.7406E-06	.3242E-0
177	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1868	.5282E-02	.1190E-02	0.0011	.7536E-06	.3270E-0
178	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1700	.4806E-02	.1108E-02	0.0011	.7628E-06	.3290E-0
179	0.38	0.000	0.039	0.1918	0.0000	.0000E+00	.0000E+00	0.1546	.4371E-02	.1030E-02	0.0011	.7686E-06	.3302E-0
180	0.00	0.000	0.052	0.1832	0.0000	.0000E+00	.0000E+00	0.1406	.3974E-02	.9581E-03	0.0011	.7712E-06	.3308E-0
181	0.00	0.000	0.071	0.1713	0.0000	.0000E+00	.0000E+00	0.1277	.3612E-02	.8908E-03	0.0005	.3855E-06	.2487E-0
182	0.00	0.000	0.076	0.1585	0.0000	.0000E+00	.0000E+00	0.1160	.3281E-02	.8279E-03	0.0011	.7656E-06	.3303E-0
183	0.48	0.000	0.060	0.2285	0.0000	.0000E+00	.0000E+00	0.1054	.2979E-02	.7692E-03	0.0011	.7577E-06	.4111E-0
184	0.11	0.000	0.061	0.2366	0.0000	.0000E+00	.0000E+00	0.0956	.2704E-02	.7144E-03	0.0011	.7573E-06	.3277E-0
185	0.00	0.000	0.084	0.2226	0.0000	.0000E+00	.0000E+00	0.0867	.2453E-02	.6633E-03	0.0005	.3785E-06	.2451E-0
186	0.00	0.000	0.089	0.2077	0.0000	.0000E+00	.0000E+00	0.0787	.2224E-02	.6156E-03	0.0011	.7391E-06	.3244E-0
187	0.00	0.000	0.082	0.1941	0.0000	.0000E+00	.0000E+00	0.0713	.2016E-02	.5712E-03	0.0011	.7287E-06	.4018E-0
188	0.00	0.000	0.082	0.1804	0.0000	.0000E+00	.0000E+00	0.0646	.1826E-02	.5297E-03	0.0011	.7167E-06	.3188E-0
189	0.00	0.000	0.111	0.1619	0.0000	.0000E+00	.0000E+00	0.0585	.1653E-02	.4911E-03	0.0005	.3520E-06	.2376E-0
190	0.00	0.000	0.117	0.1424	0.0000	.0000E+00	.0000E+00	0.0529	.1495E-02	.4551E-03	0.0010	.6884E-06	.3914E-0
191	0.02	0.000	0.058	0.1361	0.0000	.0000E+00	.0000E+00	0.0478	.1352E-02	.4216E-03	0.0010	.6768E-06	.3098E-0
192	0.00	0.000	0.004	0.1353	0.0000	.0000E+00	.0000E+00	0.0432	.1222E-02	.3903E-03	0.0010	.6625E-06	.3066E-0
193	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0390	.1104E-02	.3612E-03	0.0010	.6479E-06	.3032E-0
194	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0352	.9964E-03	.3341E-03	0.0010	.6331E-06	.2997E-0
195	0.38	0.000	0.046	0.1906	0.0000	.0000E+00	.0000E+00	0.0318	.8988E-03	.3090E-03	0.0010	.6182E-06	.2961E-0
196	0.39	0.000	0.125	0.2347	0.0000	.0000E+00	.0000E+00	0.0287	.8103E-03	.2855E-03	0.0010	.6032E-06	.2925E-0
197	0.13	0.000	0.155	0.2305	0.0000	.0000E+00	.0000E+00	0.0258	.7300E-03	.2637E-03	0.0010	.5883E-06	.2889E-0
198	0.00	0.000	0.272	0.1852	0.0000	.0000E+00	.0000E+00	0.0232	.6571E-03	.2435E-03	0.0009	.5735E-06	.2852E-0
199	0.04	0.000	0.258	0.1488	0.0000	.0000E+00	.0000E+00	0.0209	.5912E-03	.2246E-03	0.0009	.5587E-06	.2815E-0
200	0.12	0.000	0.124	0.1480	0.0000	.0000E+00	.0000E+00	0.0188	.5314E-03	.2071E-03	0.0009	.5441E-06	.2779E-0
201	0.03	0.000	0.072	0.1410	0.0000	.0000E+00	.0000E+00	0.0169	.4773E-03	.1909E-03	0.0005	.2649E-06	.2061E-0
202	0.08	0.000	0.042	0.1473	0.0000	.0000E+00	.0000E+00	0.0151	.4284E-03	.1758E-03	0.0009	.5184E-06	.2714E-0
203	0.00	0.000	0.050	0.1390	0.0000	.0000E+00	.0000E+00	0.0136	.3841E-03	.1619E-03	0.0009	.5045E-06	.3340E-0
204	0.00	0.000	0.017	0.1360	0.0000	.0000E+00	.0000E+00	0.0122	.3442E-03	.1489E-03	0.0009	.4881E-06	.2632E-0
205	0.00	0.000	0.005	0.1353	0.0000	.0000E+00	.0000E+00	0.0109	.3081E-03	.1369E-03	0.0009	.4748E-06	.2596E-0
206	1.00	0.027	0.129	0.2758	0.0000	.0000E+00	.0000E+00	0.0097	.2755E-03	.1257E-03	0.0004	.2330E-06	.1924E-0
207	0.31	0.000	0.156	0.3014	0.0000	.0000E+00	.0000E+00	0.0087	.2462E-03	.1154E-03	0.0008	.4516E-06	.2533E-0
208	0.21	0.000	0.174	0.3075	0.0000	.0000E+00	.0000E+00	0.0078	.2198E-03	.1059E-03	0.0008	.4392E-06	.2498E-0
209	0.00	0.000	0.263	0.2604	0.0105	.0000E+00	.1992E-01	0.0267	.7544E-03	.2622E-03	0.0008	.3928E-06	.2341E-0
210	0.00	0.000	0.271	0.2130	0.0196	.0000E+00	.1331E-01	0.0691	.1955E-02	.5574E-03	0.0007	.3055E-06	.2535E-0
211	0.00	0.000	0.268	0.1683	0.0000	.0000E+00	.0000E+00	0.0840	.2374E-02	.6470E-03	0.0006	.2417E-06	.1853E-0

212	0.00	0.000	0.200	0.1350	0.0000	.0000E+00	.0000E+00	0.0761	.2152E-02	.6004E-03	0.0006	.2481E-06	.1877E-0
213	0.29	0.000	0.078	0.1703	0.0000	.0000E+00	.0000E+00	0.0690	.1950E-02	.5570E-03	0.0006	.2535E-06	.1897E-0
214	0.34	0.000	0.112	0.2082	0.0000	.0000E+00	.0000E+00	0.0625	.1766E-02	.5165E-03	0.0006	.2579E-06	.1914E-0
215	0.00	0.000	0.213	0.1728	0.0000	.0000E+00	.0000E+00	0.0565	.1599E-02	.4788E-03	0.0006	.2615E-06	.1927E-0
216	0.00	0.000	0.209	0.1380	0.0000	.0000E+00	.0000E+00	0.0511	.1446E-02	.4436E-03	0.0006	.2641E-06	.1937E-0
217	0.00	0.000	0.014	0.1358	0.0000	.0000E+00	.0000E+00	0.0462	.1307E-02	.4109E-03	0.0006	.2660E-06	.1944E-0
218	0.00	0.000	0.005	0.1350	0.0000	.0000E+00	.0000E+00	0.0418	.1181E-02	.3804E-03	0.0006	.2672E-06	.1948E-0
219	1.49	0.155	0.177	0.3280	0.0000	.0000E+00	.0000E+00	0.0377	.1067E-02	.3520E-03	0.0006	.2677E-06	.1950E-0
220	0.00	0.000	0.203	0.2907	0.5330	.0000E+00	.2108E-01	0.0550	.1554E-02	.4656E-03	0.0006	.2311E-06	.1812E-0
221	0.00	0.000	0.230	0.2475	0.8534	.0000E+00	.2842E-01	0.1117	.3159E-02	.8024E-03	0.0005	.1497E-06	.1459E-0
222	0.00	0.000	0.220	0.2062	0.7119	.0000E+00	.2811E-01	0.1750	.4947E-02	.1131E-02	0.0004	.8885E-07	.1124E-0
223	0.00	0.000	0.277	0.1566	0.3365	.0000E+00	.2061E-01	0.2248	.6356E-02	.1371E-02	0.0003	.5549E-07	.8889E-0
224	0.00	0.000	0.130	0.1350	0.0000	.0000E+00	.0000E+00	0.2378	.6724E-02	.1431E-02	0.0003	.4922E-07	.8374E-0
225	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2166	.6125E-02	.1333E-02	0.0003	.6259E-07	.9440E-0
226	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1972	.5576E-02	.1241E-02	0.0003	.7614E-07	.1041E-0
227	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1795	.5075E-02	.1155E-02	0.0004	.8956E-07	.1129E-0
228	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1633	.4617E-02	.1074E-02	0.0002	.5137E-07	.9064E-0
229	0.84	0.007	0.126	0.2528	0.0000	.0000E+00	.0000E+00	0.1485	.4199E-02	.9992E-03	0.0004	.1104E-06	.1262E-0
230	0.16	0.000	0.179	0.2497	0.0000	.0000E+00	.0000E+00	0.1350	.3817E-02	.9291E-03	0.0004	.1225E-06	.1328E-0
231	0.09	0.000	0.166	0.2370	0.0000	.0000E+00	.0000E+00	0.1227	.3468E-02	.8637E-03	0.0005	.1339E-06	.1387E-0
232	0.47	0.000	0.206	0.2809	0.0000	.0000E+00	.0000E+00	0.1114	.3150E-02	.8026E-03	0.0005	.1445E-06	.1440E-0
233	0.62	0.007	0.159	0.3541	0.4728	.0000E+00	.1431E-01	0.1153	.3262E-02	.8238E-03	0.0005	.1440E-06	.1784E-0
234	0.20	0.000	0.235	0.3431	1.7715	.0000E+00	.3045E-01	0.1579	.4466E-02	.1046E-02	0.0004	.1001E-06	.1193E-0
235	0.00	0.000	0.192	0.3062	1.6155	.0000E+00	.3010E-01	0.2224	.6289E-02	.1359E-02	0.0001	.2724E-07	.6614E-0
236	0.00	0.000	0.204	0.2672	1.4164	.0000E+00	.2966E-01	0.2804	.7928E-02	.1623E-02	0.0002	.3749E-07	.6934E-0
237	0.00	0.000	0.233	0.2236	1.1440	.0000E+00	.2906E-01	0.3321	.9390E-02	.1847E-02	0.0002	.1818E-07	.4772E-0
238	1.25	0.093	0.208	0.3770	0.8985	.0000E+00	.2852E-01	0.3779	.1069E-01	.2039E-02	0.0001	.7609E-08	.3019E-0
239	0.00	0.000	0.193	0.3397	1.7634	.0000E+00	.3043E-01	0.4209	.1190E-01	.2215E-02	0.0001	.2276E-08	.1533E-0
240	0.00	0.000	0.187	0.3034	2.0343	.0000E+00	.3103E-01	0.4640	.1312E-01	.2387E-02	0.0000	.3034E-09	.3285E-0
241	0.00	0.000	0.144	0.2743	1.8038	.0000E+00	.3052E-01	0.5038	.1425E-01	.2542E-02	0.0000	.0000E+00	.0000E+0
242	0.00	0.000	0.171	0.2408	1.5887	.0000E+00	.3004E-01	0.5391	.1524E-01	.2678E-02	0.0000	.0000E+00	.0000E+0
243	0.01	0.000	0.171	0.2092	1.1632	.0000E+00	.2910E-01	0.5697	.1611E-01	.2794E-02	0.0000	.0000E+00	.0000E+0
244	0.00	0.000	0.224	0.1672	0.6425	.0000E+00	.2795E-01	0.5951	.1683E-01	.2889E-02	0.0000	.0000E+00	.0000E+0
245	0.03	0.000	0.214	0.1366	0.0511	.0000E+00	.0000E+00	0.5888	.1665E-01	.2865E-02	0.0000	.0000E+00	.0000E+0
246	0.05	0.000	0.046	0.1373	0.0000	.0000E+00	.0000E+00	0.5380	.1521E-01	.2674E-02	0.0000	.0000E+00	.0000E+0
247	0.09	0.000	0.037	0.1460	0.0000	.0000E+00	.0000E+00	0.4915	.1390E-01	.2494E-02	0.0000	.1658E-08	.1615E-0
248	0.01	0.000	0.053	0.1389	0.0000	.0000E+00	.0000E+00	0.4488	.1269E-01	.2327E-02	0.0001	.9233E-08	.4841E-0
249	0.00	0.000	0.018	0.1360	0.0000	.0000E+00	.0000E+00	0.4097	.1159E-01	.2170E-02	0.0002	.2654E-07	.6163E-0
250	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.3739	.1057E-01	.2023E-02	0.0003	.4376E-07	.7905E-0
251	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.3412	.9647E-02	.1886E-02	0.0003	.6318E-07	.9492E-0
252	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3112	.8799E-02	.1758E-02	0.0002	.4171E-07	.8188E-0
253	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2837	.8022E-02	.1638E-02	0.0004	.9740E-07	.1192E-0
254	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2586	.7312E-02	.1526E-02	0.0004	.1187E-06	.1313E-0
255	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2356	.6662E-02	.1421E-02	0.0005	.1397E-06	.1784E-0
256	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2146	.6068E-02	.1323E-02	0.0003	.8392E-07	.1158E-0
257	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1954	.5524E-02	.1232E-02	0.0005	.1794E-06	.2014E-0
258	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1778	.5028E-02	.1146E-02	0.0006	.2045E-06	.1705E-0
259	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1618	.4574E-02	.1066E-02	0.0003	.1109E-06	.1330E-0
260	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1471	.4159E-02	.9920E-03	0.0006	.2299E-06	.1816E-0
261	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1337	.3781E-02	.9224E-03	0.0006	.2439E-06	.1870E-0
262	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1215	.3435E-02	.8574E-03	0.0006	.2564E-06	.1917E-0
263	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1103	.3120E-02	.7967E-03	0.0006	.2675E-06	.1957E-0
264	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1002	.2832E-02	.7401E-03	0.0007	.2772E-06	.1991E-0
265	0.03	0.000	0.022	0.1363	0.0000	.0000E+00	.0000E+00	0.0909	.2570E-02	.6873E-03	0.0007	.2855E-06	.2020E-0
266	0.00	0.000	0.005	0.1355	0.0000	.0000E+00	.0000E+00	0.0824	.2331E-02	.6380E-03	0.0007	.2925E-06	.2044E-0
267	0.00	0.000	0.002	0.1352	0.0000	.0000E+00	.0000E+00	0.0747	.2113E-02	.5920E-03	0.0007	.2983E-06	.2064E-0
268	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0677	.1914E-02	.5492E-03	0.0007	.3029E-06	.2079E-0
269	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0613	.1733E-02	.5092E-03	0.0007	.3065E-06	.2091E-0
270	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0555	.1569E-02	.4720E-03	0.0007	.3080E-06	.2622E-0
271	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0502	.1419E-02	.4373E-03	0.0007	.3123E-06	.2106E-0
272	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0454	.1283E-02	.4049E-03	0.0007	.3129E-06	.2108E-0
273	0.08	0.000	0.028	0.1437	0.0000	.0000E+00	.0000E+00	0.0410	.1159E-02	.3749E-03	0.0007	.3127E-06	.2107E-0
274	0.00	0.000	0.017	0.1409	0.0000	.0000E+00	.0000E+00	0.0370	.1046E-02	.3468E-03	0.0007	.3118E-06	.2104E-0
275	0.00	0.000	0.022	0.1372	0.0000	.0000E+00	.0000E+00	0.0334	.9443E-03	.3208E-03	0.0007	.3104E-06	.2099E-0
276	0.00	0.000	0.009	0.1357	0.0000	.0000E+00	.0000E+00	0.0301	.8515E-03	.2965E-03	0.0007	.3084E-06	.2093E-0
277	0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.0271	.7673E-03	.2739E-03	0.0007	.3060E-06	.2084E-0
278	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0244	.6910E-03	.2530E-03	0.0007	.3031E-06	.2074E-0
279	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0220	.6219E-03	.2335E-03	0.0007	.2999E-06	.2063E-0
280	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0198	.5592E-03	.2153E-03	0.0003	.1493E-06	.1541E-0
281	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0178	.5025E-03	.1985E-03	0.0007	.2929E-06	.2041E-0
282	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0160	.4511E-03	.1829E-03	0.0007	.2889E-06	.2027E-0
283	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0143	.4047E-03	.1684E-03	0.0007	.2848E-06	.2013E-0
284	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0128	.3627E-03	.1550E-03	0.0007	.2805E-06	.1997E-0
285	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0115	.3249E-03	.1425E-03	0.0007	.2760E-06	.2473E-0
286	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0103	.2907E-03	.1309E-03	0.0006	.2707E-06	.1960E-0
287	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0092	.2598E-03	.1202E-03	0.0006	.2660E-06	.1943E-0
288	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0082	.2320E-03	.1103E-03	0.0006	.2612E-06	.1926E-0
289	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0073	.2070E-03	.1012E-03	0.0006	.2564E-06	.1908E-0
290	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0065	.1845E-03	.9268E-04	0.0006	.2516E-06	.1890E-0
291	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0058	.1642E-03	.8484E-04	0.0006	.2467E-06	.1872E-0
292	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0052	.1460E-03	.7760E-04	0.0006	.2419E-06	.1853E-0
293	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0046	.1297E-03	.7091E-04	0.0006	.2371E-06	.1835E-0
294	0.08	0.000	0.026	0.1440	0.0000	.0000E+00	.0000E+00	0.0041	.1151E-03	.6474E-04	0.0006	.2323E-06	.1816E-0
295	0.00	0.000	0.007	0.1428	0.0000	.0000E+00	.0000E+00	0.0036	.1020E-03	.5905E-04	0.0006	.2276E-06	.1798E-0
296	0.00	0.000	0.008	0.1415	0.0000	.0000E+00	.0000E+00	0.0032	.9021E-04	.5380E-04	0.0006	.2229E-06	.1779E-0
297	0.00	0.000	0.010	0.1398	0.0000	.0000E+00	.0000E+00	0.0028	.7971E-04	.4898E-04	0.0006	.2183E-06	.1761E-0
298	0.00	0.000	0.011	0.1380	0.0000	.0000E+00	.0000E+00	0.0025	.7033E-04	.4453E-04	0.0003	.1069E-06	.1309E-0
299	0.13	0.000	0.036	0.1537	0.0000	.0000E+00	.0000E+00	0.0022	.6196E-04	.4044E-04	0.0006	.2102E-06	.1728E-0
300	0.01	0.000	0.015	0.1528	0.0000	.0000E+00	.0000E+00	0.0019	.5451E-04	.3669E-04	0.0006	.2058E-06	.1710E-0
301	0.00	0.000	0.010	0.1512	0.0000	.0000E+00	.0000E+00	0.0017	.4787E-04	.3324E-04	0.0006	.2015E-06	.1692E-0
302	0.00	0.000	0.009	0.1496	0.0000	.0000E+00	.0000E+00	0.0015	.4197E-04	.3008E-04	0.0006	.1972E-06	.1674E-0
303	0.00	0.000	0.009	0.1481	0.0000	.0000E+00	.0000E+00	0.0013	.3673E-04	.2718E-04	0.0005	.1930E-06	.1656E-0
304	0.00	0.000	0.009	0.1465	0.0000	.0000E+00	.0000E+00	0.0011	.3208E-04	.2453E-04	0.0005	.1889E-06	.1638E-0
305	0.00	0.000	0.009	0.1450	0.0000	.0000E+00	.0000E+00	0.0010	.2797E-04	.2211E-04	0.0005	.1843E-06	.2023E-0
306	0.67	0.000	0.027	0.2522	0.0000	.0000E+00	.0000E+00	0.0009	.2435E-04	.1901E-04	0.0005	.1802E-06	.1600E-0
307	0.00	0.000	0.012	0.2502	0.0000	.0000E+00	.0000E+00	0.0007	.2119E-04	.1788E-04	0.0003	.8860E-07	.1188E-0

308		0.22	0.000	0.031	0.2818	0.0000	.0000E+00	.0000E+00	0.0006	.1836E-04	.1604E-04	0.0005	.1733E-06	.1569E-0
309		0.00	0.000	0.013	0.2796	0.0000	.0000E+00	.0000E+00	0.0006	.1586E-04	.1436E-04	0.0005	.1691E-06	.1937E-0
310	*	2.27	0.000	0.000	0.2829	0.0000	.0000E+00	.0000E+00	0.0005	.1368E-04	.1283E-04	0.0005	.1651E-06	.1531E-0
311		0.10	0.012	0.000	0.3997	0.5849	.0000E+00	.1456E-01	0.0148	.4194E-03	.1612E-03	0.0005	.1316E-06	.1367E-0
312		0.04	0.472	0.000	0.5010	4.4658	.0000E+00	.3641E-01	0.0727	.2056E-02	.5731E-03	0.0003	.6297E-07	.9461E-0
313		0.01	0.537	0.000	0.4977	5.9656	.0000E+00	.3972E-01	0.1638	.4630E-02	.1074E-02	0.0001	.1400E-07	.4467E-0
314		0.00	0.000	0.051	0.4826	5.7554	.0000E+00	.3926E-01	0.2517	.7118E-02	.1494E-02	0.0000	.5137E-10	.2789E-0
315		0.00	0.000	0.045	0.4686	5.3676	.0000E+00	.3840E-01	0.3306	.9347E-02	.1840E-02	0.0000	.3668E-10	.1142E-0
316		0.32	0.038	0.050	0.5010	5.4496	.0000E+00	.3858E-01	0.4015	.1135E-01	.2136E-02	0.0000	.0000E+00	.0000E+0
317		0.00	0.000	0.039	0.4879	5.8645	.0000E+00	.3950E-01	0.4677	.1323E-01	.2401E-02	0.0000	.0000E+00	.0000E+0
318		0.00	0.000	0.040	0.4748	5.5145	.0000E+00	.3872E-01	0.5291	.1496E-01	.2639E-02	0.0000	.0000E+00	.0000E+0
319		0.00	0.000	0.044	0.4611	5.1632	.0000E+00	.3795E-01	0.5833	.1649E-01	.2845E-02	0.0000	.0000E+00	.0000E+0
320		0.00	0.000	0.035	0.4491	4.8384	.0000E+00	.3723E-01	0.6310	.1784E-01	.3022E-02	0.0000	.0000E+00	.0000E+0
321	*	0.00	0.000	0.030	0.4380	4.5794	.0000E+00	.3666E-01	0.6730	.1903E-01	.3176E-02	0.0000	.0000E+00	.0000E+0
322	*	0.00	0.000	0.030	0.4270	4.3314	.0000E+00	.3611E-01	0.7101	.2008E-01	.3310E-02	0.0000	.0000E+00	.0000E+0
323		0.00	0.000	0.035	0.4153	4.0805	.0000E+00	.3555E-01	0.7427	.2100E-01	.3426E-02	0.0000	.0000E+00	.0000E+0
324		0.00	0.000	0.036	0.4034	3.8484	.0000E+00	.3504E-01	0.7711	.2180E-01	.3527E-02	0.0000	.0000E+00	.0000E+0
325	*	0.00	0.000	0.027	0.3932	3.6384	.0000E+00	.3458E-01	0.7960	.2251E-01	.3614E-02	0.0000	.0000E+00	.0000E+0
326	*	0.00	0.000	0.000	0.3875	3.4545	.0000E+00	.3417E-01	0.8176	.2312E-01	.3689E-02	0.0000	.0000E+00	.0000E+0
327	*	0.00	0.000	0.032	0.3766	3.2797	.0000E+00	.3378E-01	0.8364	.2365E-01	.3754E-02	0.0000	.0000E+00	.0000E+0
328		0.00	0.000	0.047	0.3632	3.0683	.0000E+00	.3332E-01	0.8525	.2410E-01	.3810E-02	0.0000	.0000E+00	.0000E+0
329		0.00	0.000	0.050	0.3494	2.8640	.0000E+00	.3286E-01	0.8661	.2449E-01	.3857E-02	0.0000	.0000E+00	.0000E+0
330		0.00	0.000	0.052	0.3353	2.6715	.0000E+00	.3244E-01	0.8775	.2481E-01	.3896E-02	0.0000	.0000E+00	.0000E+0
331		0.00	0.000	0.047	0.3220	2.4816	.0000E+00	.3202E-01	0.8868	.2507E-01	.3928E-02	0.0000	.0000E+00	.0000E+0
332		0.00	0.000	0.046	0.3091	2.2964	.0000E+00	.3161E-01	0.8942	.2528E-01	.3953E-02	0.0000	.0000E+00	.0000E+0
333		0.00	0.000	0.057	0.2943	2.0989	.0000E+00	.3117E-01	0.8999	.2545E-01	.3973E-02	0.0000	.0000E+00	.0000E+0
334		0.00	0.000	0.057	0.2797	1.9214	.0000E+00	.3078E-01	0.9041	.2556E-01	.3987E-02	0.0000	.0000E+00	.0000E+0
335		0.00	0.000	0.054	0.2656	1.7594	.0000E+00	.3042E-01	0.9070	.2564E-01	.3997E-02	0.0000	.0000E+00	.0000E+0
336		0.27	0.000	0.053	0.2968	1.6001	.0000E+00	.3007E-01	0.9086	.2569E-01	.4002E-02	0.0000	.0000E+00	.0000E+0
337		1.45	0.220	0.049	0.4885	2.0516	.0000E+00	.3107E-01	0.9106	.2575E-01	.4009E-02	0.0000	.0000E+00	.0000E+0
338		0.05	0.000	0.049	0.4822	5.6097	.0000E+00	.3894E-01	0.9218	.2607E-01	.4047E-02	0.0000	.0000E+00	.0000E+0
339		0.38	0.180	0.048	0.5010	5.7751	.0000E+00	.3930E-01	0.9452	.2673E-01	.4126E-02	0.0000	.0000E+00	.0000E+0
340		0.00	0.000	0.040	0.4877	5.8628	.0000E+00	.3949E-01	0.9674	.2735E-01	.4201E-02	0.0000	.0000E+00	.0000E+0
341		0.00	0.000	0.040	0.4746	5.5101	.0000E+00	.3871E-01	0.9873	.2792E-01	.4267E-02	0.0000	.0000E+00	.0000E+0
342		0.00	0.000	0.040	0.4616	5.1646	.0000E+00	.3795E-01	1.0035	.2837E-01	.4321E-02	0.0000	.0000E+00	.0000E+0
343		0.21	0.000	0.054	0.4813	5.0706	.0000E+00	.3774E-01	1.0170	.2876E-01	.4366E-02	0.0000	.0000E+00	.0000E+0
344		0.00	0.000	0.035	0.4690	5.3719	.0000E+00	.3841E-01	1.0297	.2911E-01	.4408E-02	0.0000	.0000E+00	.0000E+0
345		0.00	0.000	0.038	0.4564	5.0465	.0000E+00	.3769E-01	1.0417	.2945E-01	.4448E-02	0.0000	.0000E+00	.0000E+0
346		0.00	0.000	0.044	0.4429	4.7540	.0000E+00	.3704E-01	1.0509	.2972E-01	.4478E-02	0.0000	.0000E+00	.0000E+0
347		0.00	0.000	0.035	0.4310	4.4750	.0000E+00	.3643E-01	1.0577	.2991E-01	.4501E-02	0.0000	.0000E+00	.0000E+0
348		0.00	0.000	0.034	0.4193	4.2147	.0000E+00	.3585E-01	1.0624	.3004E-01	.4516E-02	0.0000	.0000E+00	.0000E+0
349		0.00	0.000	0.035	0.4076	3.9658	.0000E+00	.3530E-01	1.0652	.3012E-01	.4526E-02	0.0000	.0000E+00	.0000E+0
350	*	0.00	0.000	0.031	0.3967	3.7513	.0000E+00	.3483E-01	1.0665	.3015E-01	.4530E-02	0.0000	.0000E+00	.0000E+0
351	*	0.00	0.000	0.029	0.3862	3.5464	.0000E+00	.3437E-01	1.0664	.3015E-01	.4529E-02	0.0000	.0000E+00	.0000E+0
352		0.00	0.000	0.032	0.3752	3.3433	.0000E+00	.3392E-01	1.0651	.3012E-01	.4525E-02	0.0000	.0000E+00	.0000E+0
353	*	0.22	0.000	0.029	0.3729	3.1574	.0000E+00	.3351E-01	1.0629	.3005E-01	.4518E-02	0.0000	.0000E+00	.0000E+0
354	*	0.00	0.000	0.032	0.3706	3.0036	.0000E+00	.3317E-01	1.0598	.2997E-01	.4508E-02	0.0000	.5224E-10	.2395E-0
355	*	0.00	0.000	0.035	0.3684	2.8513	.0000E+00	.3284E-01	1.0560	.2986E-01	.4495E-02	0.0000	.1705E-08	.1607E-0
356	*	0.72	0.000	0.031	0.3663	2.7006	.0000E+00	.3250E-01	1.0518	.2974E-01	.4481E-02	0.0000	.3147E-08	.2183E-0
357	*	0.08	0.000	0.030	0.3642	2.5513	.0000E+00	.3217E-01	1.0470	.2960E-01	.4465E-02	0.0001	.1177E-07	.4177E-0
358		0.00	0.000	0.037	0.3622	2.4305	.0000E+00	.3191E-01	1.0418	.2946E-01	.4448E-02	0.0002	.2163E-07	.7254E-0
359		0.31	0.000	0.000	0.4352	2.8189	.0000E+00	.3276E-01	1.0374	.2933E-01	.4434E-02	0.0002	.3777E-07	.7402E-0
360		0.00	0.000	0.012	0.4682	4.4323	.0000E+00	.3633E-01	1.0383	.2936E-01	.4437E-02	0.0003	.5127E-07	.8612E-0
361		0.00	0.019	0.011	0.5010	5.4378	.0000E+00	.3856E-01	1.0472	.2961E-01	.4466E-02	0.0003	.6321E-07	.9555E-0
362		0.00	0.000	0.044	0.4931	5.9179	.0000E+00	.3962E-01	1.0599	.2997E-01	.4508E-02	0.0003	.7463E-07	.1038E-0
363	*	0.26	0.000	0.031	0.4898	5.7610	.0000E+00	.3927E-01	1.0729	.3034E-01	.4551E-02	0.0004	.8700E-07	.1120E-0
364	*	0.34	0.000	0.024	0.4866	5.6689	.0000E+00	.3907E-01	1.0841	.3065E-01	.4588E-02	0.0004	.1015E-06	.1209E-0
365	*	0.00	0.000	0.027	0.4834	5.5799	.0000E+00	.3887E-01	1.0939	.3093E-01	.4620E-02	0.0004	.1180E-06	.1303E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 14

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	2.55	2.00	5.22	1.68	8.76	0.58
	3.30	5.76	0.29	0.22	3.63	4.29
RUNOFF	0.505	2.816	2.324	0.000	2.950	0.006
	0.027	0.263	0.000	0.000	1.058	0.418
EVAPOTRANSPIRATION	0.933	0.338	2.329	2.674	3.458	2.262
	3.457	4.640	0.655	0.203	0.942	1.082
PERCOLATION/LEAKAGE THROUGH	0.4825	0.0270	0.8841	0.4310	0.3925	0.2906
LAYER 2	0.0332	0.4114	0.0280	0.0000	0.8304	1.1081
LATERAL DRAINAGE COLLECTED	0.6539	0.0734	0.4667	0.6074	0.1787	0.4283
FROM LAYER 3	0.0394	0.1817	0.1925	0.0099	0.4235	0.8999
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1049	0.0192	0.0781	0.0984	0.0369	0.0744
LAYER 4	0.0119	0.0381	0.0394	0.0040	0.0702	0.1363
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1320	0.1117	0.0315	0.0742	0.0937	0.0597

LAYER 7	0.0882	0.0344	0.0431	0.0584	0.0126	0.0088

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.316	0.001	3.360	0.947	1.372	0.862
TOP OF LAYER 2	0.001	0.584	0.023	0.000	3.119	4.167
STD. DEVIATION OF DAILY	2.157	0.002	2.025	1.365	2.091	1.646
HEAD ON TOP OF LAYER 2	0.004	0.719	0.117	0.000	2.050	1.381
AVERAGE DAILY HEAD ON	0.746	0.093	0.532	0.716	0.204	0.505
TOP OF LAYER 4	0.045	0.207	0.227	0.011	0.499	1.027
STD. DEVIATION OF DAILY	0.299	0.046	0.350	0.285	0.189	0.264
HEAD ON TOP OF LAYER 4	0.032	0.156	0.173	0.010	0.357	0.055
AVERAGE DAILY HEAD ON	0.001	0.001	0.000	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.001	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 14

	INCHES	CU. FEET	PERCENT
PRECIPITATION	38.28	347391.031	100.00
RUNOFF	10.369	94096.312	27.09
EVAPOTRANSPIRATION	22.973	208480.922	60.01
PERC./LEAKAGE THROUGH LAYER 2	4.918943	44639.410	12.85
AVG. HEAD ON TOP OF LAYER 2	1.3128		
DRAINAGE COLLECTED FROM LAYER 3	4.1554	37709.859	10.86
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.711865	6460.174	1.86
AVG. HEAD ON TOP OF LAYER 4	0.4010		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.419	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.748231	6790.197	1.95
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	0.034	312.221	0.09
SOIL WATER AT START OF YEAR	285.909	2594621.750	
SOIL WATER AT END OF YEAR	285.818	2593801.250	
SNOW WATER AT START OF YEAR	0.335	3037.224	0.87
SNOW WATER AT END OF YEAR	0.459	4169.763	1.20
ANNUAL WATER BUDGET BALANCE	0.0000	0.087	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 15

DAY	A	S O	RAIN	RUNOFF	ET	E. ZONE	HEAD	DRAIN	LEAK	HEAD	DRAIN	LEAK	HEAD	DRAIN	LEAK

	IR	IL	IN.	IN.	IN.	WATER IN./IN.	#1 IN.	#1 IN.	#1 IN.	#2 IN.	#2 IN.	#2 IN.	#3 IN.	#3 IN.	#3 IN.
1	*		0.00	0.000	0.034	0.4802	5.4919	.0000E+00	.3867E-01	1.1023	.3117E-01	.4647E-02	0.0002	.6521E-07	.1039E-0
2	*		0.00	0.000	0.031	0.4771	5.4048	.0000E+00	.3848E-01	1.1096	.3137E-01	.4671E-02	0.0005	.1525E-06	.1478E-0
3	*		0.00	0.000	0.040	0.4740	5.3186	.0000E+00	.3829E-01	1.1157	.3155E-01	.4691E-02	0.0005	.1746E-06	.1995E-0
4	*		0.04	0.000	0.000	0.4709	5.2332	.0000E+00	.3810E-01	1.1209	.3169E-01	.4708E-02	0.0006	.2046E-06	.1713E-0
5			0.00	0.000	0.037	0.4755	5.2473	.0000E+00	.3813E-01	1.1254	.3182E-01	.4722E-02	0.0006	.2310E-06	.1820E-0
6	*	*	0.00	0.000	0.036	0.4704	2.0257	.0000E+00	.3101E-01	1.1224	.3174E-01	.4713E-02	0.0006	.2648E-06	.1948E-0
7		*	0.00	0.088	0.033	0.4749	0.8081	.0000E+00	.2832E-01	1.1056	.3126E-01	.4658E-02	0.0007	.3126E-06	.2115E-0
8	*	*	0.00	0.000	0.000	0.4703	0.6780	.0000E+00	.2803E-01	1.0855	.3069E-01	.4592E-02	0.0007	.3652E-06	.2285E-0
9	*	*	0.00	0.000	0.000	0.4656	0.5494	.0000E+00	.2775E-01	1.0663	.3015E-01	.4529E-02	0.0004	.2050E-06	.1824E-0
10	*	*	0.00	0.000	0.000	0.4610	0.4220	.0000E+00	.2746E-01	1.0480	.2963E-01	.4469E-02	0.0008	.4545E-06	.2555E-0
11	*	*	1.91	0.000	0.000	0.4565	0.2959	.0000E+00	.2719E-01	1.0304	.2914E-01	.4411E-02	0.0009	.5062E-06	.2695E-0
12	*	*	0.00	0.000	0.029	0.4520	0.1711	.0000E+00	.2691E-01	1.0136	.2866E-01	.4355E-02	0.0009	.5566E-06	.2825E-0
13	*	*	0.00	0.000	0.024	0.4486	0.0476	.0000E+00	.2033E-01	0.9912	.2803E-01	.4280E-02	0.0010	.6107E-06	.2960E-0
14	*	*	0.03	0.000	0.000	0.4486	0.0000	.0000E+00	.0000E+00	0.9398	.2657E-01	.4108E-02	0.0010	.6924E-06	.3162E-0
15	*	*	0.99	0.000	0.000	0.4486	0.0000	.0000E+00	.0000E+00	0.8599	.2431E-01	.3835E-02	0.0011	.8171E-06	.4323E-0
16	*	*	0.00	0.000	0.032	0.4486	0.0000	.0000E+00	.0000E+00	0.7866	.2224E-01	.3581E-02	0.0012	.1001E-05	.3773E-0
17	*	*	0.10	0.000	0.000	0.4486	0.0000	.0000E+00	.0000E+00	0.7194	.2034E-01	.3343E-02	0.0013	.1121E-05	.3991E-0
18		*	0.00	0.000	0.042	0.4486	0.0000	.0000E+00	.0000E+00	0.6578	.1860E-01	.3120E-02	0.0014	.1227E-05	.4175E-0
19		*	0.17	0.246	0.000	0.4618	0.0000	.0000E+00	.0000E+00	0.6012	.1700E-01	.2912E-02	0.0014	.1319E-05	.4327E-0
20	*	*	0.00	0.001	0.039	0.4618	0.0000	.0000E+00	.0000E+00	0.5494	.1553E-01	.2717E-02	0.0015	.1396E-05	.4450E-0
21		*	1.53	3.676	0.000	0.4656	0.0045	.0000E+00	.6643E-02	0.5085	.1438E-01	.2560E-02	0.0015	.1443E-05	.4524E-0
22		*	0.12	0.167	0.000	0.4654	0.0071	.0000E+00	.1494E-01	0.4900	.1385E-01	.2489E-02	0.0015	.1432E-05	.4508E-0
23	*	*	0.00	0.000	0.039	0.4648	0.0039	.0000E+00	.3420E-02	0.4749	.1343E-01	.2429E-02	0.0007	.7067E-06	.3367E-0
24	*	*	0.45	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.4391	.1242E-01	.2288E-02	0.0015	.1426E-05	.4515E-0
25		*	0.30	0.961	0.000	0.4654	0.0049	.0000E+00	.1093E-01	0.4117	.1164E-01	.2178E-02	0.0015	.1442E-05	.4536E-0
26		*	0.00	0.128	0.043	0.4648	0.0042	.0000E+00	.3644E-02	0.3970	.1122E-01	.2118E-02	0.0015	.1429E-05	.5624E-0
27	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3681	.1041E-01	.1999E-02	0.0015	.1438E-05	.4516E-0
28		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3358	.9496E-02	.1863E-02	0.0015	.1457E-05	.4544E-0
29	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3063	.8660E-02	.1736E-02	0.0015	.1467E-05	.4560E-0
30		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2792	.7896E-02	.1618E-02	0.0015	.1469E-05	.4563E-0
31		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2545	.7196E-02	.1507E-02	0.0015	.1465E-05	.4557E-0
32		*	0.98	0.965	0.008	0.4648	0.0041	.0000E+00	.7049E-02	0.2389	.6754E-02	.1436E-02	0.0007	.7174E-06	.3394E-0
33	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2289	.6472E-02	.1390E-02	0.0015	.1389E-05	.5557E-0
34	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2085	.5894E-02	.1294E-02	0.0015	.1379E-05	.4421E-0
35	*	*	0.17	0.000	0.044	0.4648	0.0000	.0000E+00	.0000E+00	0.1898	.5366E-02	.1205E-02	0.0015	.1363E-05	.4395E-0
36	*	*	0.00	0.000	0.052	0.4648	0.0000	.0000E+00	.0000E+00	0.1727	.4883E-02	.1121E-02	0.0007	.6716E-06	.3284E-0
37	*	*	0.94	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1571	.4441E-02	.1043E-02	0.0014	.1320E-05	.4336E-0
38	*	*	0.15	0.000	0.031	0.4648	0.0000	.0000E+00	.0000E+00	0.1428	.4038E-02	.9699E-03	0.0014	.1296E-05	.4296E-0
39	*	*	0.00	0.000	0.031	0.4648	0.0000	.0000E+00	.0000E+00	0.1298	.3670E-02	.9017E-03	0.0014	.1270E-05	.4252E-0
40	*	*	0.00	0.000	0.036	0.4648	0.0000	.0000E+00	.0000E+00	0.1179	.3334E-02	.8381E-03	0.0014	.1243E-05	.4205E-0
41	*	*	0.00	0.000	0.039	0.4648	0.0000	.0000E+00	.0000E+00	0.1071	.3028E-02	.7787E-03	0.0014	.1206E-05	.5181E-0
42	*	*	0.00	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.0972	.2748E-02	.7233E-03	0.0014	.1180E-05	.4090E-0
43	*	*	0.00	0.000	0.030	0.4648	0.0000	.0000E+00	.0000E+00	0.0882	.2493E-02	.6716E-03	0.0007	.5745E-06	.3037E-0
44	*	*	0.00	0.000	0.030	0.4648	0.0000	.0000E+00	.0000E+00	0.0800	.2261E-02	.6234E-03	0.0013	.1122E-05	.3994E-0
45	*	*	0.00	0.000	0.031	0.4648	0.0000	.0000E+00	.0000E+00	0.0725	.2049E-02	.5784E-03	0.0013	.1091E-05	.3938E-0
46	*	*	0.01	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0656	.1856E-02	.5365E-03	0.0013	.1060E-05	.3881E-0
47	*	*	0.00	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.0594	.1681E-02	.4974E-03	0.0013	.1029E-05	.3824E-0
48	*	*	0.00	0.000	0.040	0.4648	0.0000	.0000E+00	.0000E+00	0.0538	.1521E-02	.4610E-03	0.0012	.9981E-06	.3766E-0
49	*	*	0.00	0.000	0.031	0.4648	0.0000	.0000E+00	.0000E+00	0.0486	.1375E-02	.4270E-03	0.0012	.9678E-06	.3709E-0
50	*	*	0.00	0.000	0.031	0.4648	0.0000	.0000E+00	.0000E+00	0.0440	.1243E-02	.3954E-03	0.0012	.9380E-06	.3651E-0
51		*	0.00	0.412	0.000	0.4648	0.0048	.0000E+00	.1438E-01	0.0540	.1526E-02	.4610E-03	0.0012	.8797E-06	.3523E-0
52		*	0.00	0.041	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.0719	.2033E-02	.5749E-03	0.0011	.7910E-06	.4161E-0
53		*	0.28	0.531	0.000	0.4648	0.0048	.0000E+00	.1446E-01	0.0795	.2247E-02	.6198E-03	0.0011	.7143E-06	.3183E-0
54		*	0.41	0.396	0.006	0.4648	0.0048	.0000E+00	.8409E-02	0.1036	.2928E-02	.7591E-03	0.0010	.6269E-06	.2982E-0
55		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1075	.3039E-02	.7809E-03	0.0010	.5950E-06	.2906E-0
56	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0976	.2759E-02	.7254E-03	0.0010	.5958E-06	.2907E-0
57		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0885	.2503E-02	.6735E-03	0.0010	.5947E-06	.2905E-0
58		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0803	.2269E-02	.6252E-03	0.0010	.5921E-06	.2898E-0
59	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0727	.2057E-02	.5801E-03	0.0005	.2968E-06	.2172E-0
60		*	0.31	0.296	0.006	0.4648	0.0049	.0000E+00	.8484E-02	0.0743	.2101E-02	.5895E-03	0.0009	.5693E-06	.2841E-0
61		*	0.19	0.176	0.006	0.4648	0.0047	.0000E+00	.8170E-02	0.0891	.2518E-02	.6766E-03	0.0009	.5265E-06	.2722E-0
62		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0939	.2654E-02	.7044E-03	0.0009	.4900E-06	.2634E-0
63		*	0.13	0.116	0.006	0.4648	0.0046	.0000E+00	.7975E-02	0.0931	.2631E-02	.6997E-03	0.0009	.4712E-06	.2587E-0
64		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0972	.2748E-02	.7234E-03	0.0008	.4513E-06	.2528E-0
65	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0882	.2493E-02	.6717E-03	0.0008	.4453E-06	.2520E-0
66	*	*	0.52	0.000	0.043	0.4648	0.0000	.0000E+00	.0000E+00	0.0800	.2261E-02	.6234E-03	0.0008	.4482E-06	.3157E-0
67	*	*	0.84	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.0725	.2049E-02	.5784E-03	0.0008	.4520E-06	.2533E-0
68		*	0.00	0.522	0.000	0.4654	0.0048	.0000E+00	.1084E-01	0.0764	.2161E-02	.6019E-03	0.0008	.4292E-06	.2468E-0
69		*	0.00	0.324	0.002	0.4653	0.0076	.0000E+00	.1249E-01	0.0990	.2800E-02	.7334E-03	0.0004	.1863E-06	.1728E-0
70		*	0.00	0.000	0.044	0.4648	0.0034	.0000E+00	.2959E-02	0.1128	.3190E-02	.8104E-03	0.0007	.3498E-06	.2219E-0
71	*	*	0.00	0.000	0.038	0.4648	0.0000	.0000E+00	.0000E+00	0.1072	.3031E-02	.7793E-03	0.0007	.3376E-06	.2193E-0
72		*	0.00	0.036	0.041	0.4648	0.0000	.0000E+00	.0000E+00	0.0973	.2751E-02	.7238E-03	0.0007	.3427E-06	.2213E-0
73		*	0.36	0.592	0.000	0.4654	0.0049	.0000E+00	.1086E-01	0.0990	.2801E-02	.7336E-03	0.0007	.3378E-06	.2189E-0
74		*	0.00	0.000	0.000	0.4648	0.0042	.0000E+00	.3621E-02	0.1109	.3136E-02	.7998E-03	0.0007	.3155E-06	.2108E-0
75			0.00	0.000	0.095	0.4443	3.6950	.0000E+00	.2807E-01	0.1344	.3799E-02	.9243E-03	0.0007	.2781E-06	.2456E-0
76			0.00	0.000	0.116	0.4188	4.6594	.0000E+00	.3683E-01	0.2037	.5761E-02	.1270E-02	0.0005	.1752E-06	.1578E-0
77			0.00	0.000	0.128	0.3916	4.1447	.0000E+00	.3570E-01	0.2801	.7920E-02	.1621E-02	0.0004	.1060E-06	.1228E-0
78			0.00	0.000	0.103	0.3685	3.7032	.0000E+00	.3472E-01	0.3472	.9816E-02	.1911E-02	0.0002	.3180E-07	.7124E-0
79			0.00	0.000	0.084	0.3489	3.3787	.0000E+00	.3400E-01	0.4063	.1149E-01	.2155E-02	0.0003	.4708E-07	.7861E-0
80			0.00	0.000	0.106	0.3256	2.9985	.0000E+00	.3316E-01	0.4584	.1296E-01	.2365E-02	0.0002	.2753E-07	.5990E-0
81			0.35	0.000	0.086	0.3643	2.7392	.0000E+00	.3259E-01	0.5042	.1426E-01	.2544E-02	0.0002	.1575E-07	.4511E-0
82			0.00	0.000	0.126	0.3380	2.5100	.0000E+00	.3208E-01	0.5448	.1540E-01	.2700E-02	0.0001	.8790E-08	.3351E-0
83			0.00	0.000	0.121	0.3125	2.2614	.0000E+00	.3153E-01	0.5807	.1642E-01	.2835E-02	0.0001	.4809E-08	.2463E-0
84			0.00	0.000	0.142	0.2836	2.0032	.0000E+00	.3096E-01	0.6120	.1731E-01	.2952E-02	0.0001	.2641E-08	.1816E-0
85			0.03	0.000	0.099	0.2670	1.8115	.0000E+00	.3054E-01	0.6395	.1808E-01	.3053E-02	0.0001	.1529E-08	.1379E-0
86			0.00	0.000	0.113	0.2431	1.7033	.0000E+00	.3030E-01	0.6637	.1877E-01	.3142E-02	0.0000	.1128E-08	.1448E-0
87			0.00	0.000	0.146	0.2139	1.2894	.0000E+00	.2938E-01	0.6846	.1936E-01	.3218E-02	0.0000	.6694E-09	.1005E-0
88			0.00	0.000	0.170	0.1808	0.8136	.0000E+00	.2833E-01	0.7013	.1983E-01	.3278E-02	0.0000	.8496E-09	.1131E-0
89			0.00	0.000	0.165	0.1509	0.2663	.0000E+00	.1378E-01	0.7004	.1981E-01	.3275E-02	0.0001	.2437E-08	.1899E-0
90			0.00	0.000	0.083	0.1371	0.0000	.0000E+00	.0000E+00	0.6625	.1873E-01	.3138E-02	0.0001	.5430E-08	.2917E-0
91			0.00	0.000	0.012	0.1350	0.0000	.0000E+00	.0000E+00	0.6056	.1712E-01	.2928E-02	0.0002	.2343E-07	.7731E-0
92			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5534	.1565E-01	.2732E-02	0.0003	.5836E-07	.9138E-0

93	0.02	0.000	0.009	0.1369	0.0000	.0000E+00	.0000E+00	0.5056	.1430E-01	.2549E-02	0.0004	.9059E-07	.1137E-0
94	0.00	0.000	0.004	0.1363	0.0000	.0000E+00	.0000E+00	0.4618	.1306E-01	.2378E-02	0.0004	.1258E-06	.1339E-0
95	0.00	0.000	0.006	0.1353	0.0000	.0000E+00	.0000E+00	0.4216	.1192E-01	.2218E-02	0.0005	.1625E-06	.1522E-0
96	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.3848	.1088E-01	.2068E-02	0.0006	.1995E-06	.1685E-0
97	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3511	.9928E-02	.1928E-02	0.0006	.2357E-06	.1831E-0
98	0.49	0.000	0.018	0.2136	0.0000	.0000E+00	.0000E+00	0.3203	.9056E-02	.1797E-02	0.0006	.2705E-06	.1961E-0
99	0.00	0.000	0.025	0.2094	0.0000	.0000E+00	.0000E+00	0.2921	.8258E-02	.1674E-02	0.0007	.3033E-06	.2076E-0
100	0.00	0.000	0.027	0.2049	0.0000	.0000E+00	.0000E+00	0.2662	.7528E-02	.1560E-02	0.0007	.3337E-06	.2178E-0
101	0.00	0.000	0.026	0.2006	0.0000	.0000E+00	.0000E+00	0.2426	.6859E-02	.1453E-02	0.0007	.3616E-06	.2266E-0
102	0.00	0.000	0.025	0.1964	0.0000	.0000E+00	.0000E+00	0.2210	.6248E-02	.1353E-02	0.0004	.1933E-06	.1760E-0
103	0.00	0.000	0.024	0.1924	0.0000	.0000E+00	.0000E+00	0.2012	.5689E-02	.1260E-02	0.0008	.3996E-06	.2394E-0
104	0.00	0.000	0.023	0.1885	0.0000	.0000E+00	.0000E+00	0.1831	.5178E-02	.1172E-02	0.0008	.4200E-06	.2453E-0
105	0.00	0.000	0.023	0.1848	0.0000	.0000E+00	.0000E+00	0.1666	.4712E-02	.1091E-02	0.0008	.4377E-06	.2503E-0
106	0.14	0.000	0.027	0.2037	0.0000	.0000E+00	.0000E+00	0.1516	.4285E-02	.1015E-02	0.0008	.4511E-06	.3180E-0
107	0.89	0.027	0.027	0.3430	0.0000	.0000E+00	.0000E+00	0.1378	.3896E-02	.9436E-03	0.0009	.4714E-06	.2587E-0
108	0.26	0.000	0.139	0.3583	1.2520	.0000E+00	.2930E-01	0.1543	.4363E-02	.1028E-02	0.0008	.4283E-06	.2466E-0
109	0.00	0.000	0.151	0.3281	1.6124	.0000E+00	.3010E-01	0.2172	.6143E-02	.1335E-02	0.0007	.3199E-06	.2132E-0
110	0.25	0.000	0.182	0.3344	1.5953	.0000E+00	.3006E-01	0.2760	.7805E-02	.1603E-02	0.0006	.2410E-06	.1851E-0
111	0.00	0.000	0.174	0.3006	1.4098	.0000E+00	.2965E-01	0.3293	.9312E-02	.1835E-02	0.0005	.1842E-06	.1619E-0
112	0.28	0.000	0.153	0.3169	1.2115	.0000E+00	.2921E-01	0.3770	.1066E-01	.2036E-02	0.0005	.1433E-06	.1428E-0
113	0.00	0.000	0.182	0.2817	1.0167	.0000E+00	.2878E-01	0.4196	.1186E-01	.2209E-02	0.0002	.5634E-07	.9527E-0
114	0.00	0.000	0.142	0.2533	0.8513	.0000E+00	.2841E-01	0.4575	.1293E-01	.2361E-02	0.0004	.1006E-06	.1178E-0
115	0.00	0.000	0.122	0.2282	0.7012	.0000E+00	.2808E-01	0.4913	.1389E-01	.2494E-02	0.0004	.8299E-07	.1071E-0
116	0.05	0.000	0.092	0.2166	0.5556	.0000E+00	.2776E-01	0.5214	.1474E-01	.2610E-02	0.0003	.7027E-07	.1233E-0
117	0.00	0.000	0.135	0.1896	0.4111	.0000E+00	.2744E-01	0.5482	.1550E-01	.2712E-02	0.0003	.5764E-07	.9082E-0
118	0.00	0.000	0.197	0.1545	0.1377	.0000E+00	.1354E-01	0.5584	.1579E-01	.2751E-02	0.0003	.5847E-07	.9148E-0
119	0.00	0.000	0.084	0.1405	0.0000	.0000E+00	.0000E+00	0.5319	.1504E-01	.2650E-02	0.0002	.3921E-07	.7902E-0
120	0.00	0.000	0.033	0.1350	0.0000	.0000E+00	.0000E+00	0.4859	.1374E-01	.2472E-02	0.0004	.1007E-06	.1219E-0
121	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4437	.1255E-01	.2306E-02	0.0005	.1370E-06	.1417E-0
122	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4050	.1145E-01	.2151E-02	0.0005	.1744E-06	.1595E-0
123	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3697	.1045E-01	.2005E-02	0.0006	.2119E-06	.1754E-0
124	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3372	.9536E-02	.1869E-02	0.0006	.2483E-06	.2378E-0
125	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3076	.8697E-02	.1742E-02	0.0007	.2962E-06	.2052E-0
126	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2804	.7929E-02	.1623E-02	0.0007	.3283E-06	.2160E-0
127	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2556	.7227E-02	.1512E-02	0.0007	.3577E-06	.2254E-0
128	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2329	.6584E-02	.1408E-02	0.0008	.3845E-06	.2337E-0
129	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2121	.5996E-02	.1311E-02	0.0008	.4083E-06	.2408E-0
130	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1931	.5459E-02	.1221E-02	0.0008	.4294E-06	.2469E-0
131	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1757	.4968E-02	.1136E-02	0.0008	.4476E-06	.2521E-0
132	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1598	.4520E-02	.1057E-02	0.0008	.4631E-06	.2564E-0
133	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1453	.4110E-02	.9829E-03	0.0009	.4760E-06	.2599E-0
134	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1321	.3736E-02	.9139E-03	0.0009	.4865E-06	.2628E-0
135	2.05	0.392	0.028	0.4066	0.0000	.0000E+00	.0000E+00	0.1200	.3394E-02	.8495E-03	0.0009	.4947E-06	.2650E-0
136	0.00	0.000	0.192	0.3692	2.6432	.0000E+00	.3238E-01	0.1412	.3991E-02	.9594E-03	0.0008	.4402E-06	.2500E-0
137	0.00	0.000	0.206	0.3293	3.0081	.0000E+00	.3318E-01	0.2132	.6029E-02	.1316E-02	0.0007	.3151E-06	.2116E-0
138	0.00	0.000	0.213	0.2884	2.5412	.0000E+00	.3215E-01	0.2794	.7900E-02	.1618E-02	0.0006	.2284E-06	.1802E-0
139	0.67	0.002	0.240	0.3547	2.0145	.0000E+00	.3099E-01	0.3371	.9532E-02	.1868E-02	0.0005	.1696E-06	.1553E-0
140	0.00	0.000	0.205	0.3155	1.7522	.0000E+00	.3041E-01	0.3875	.1096E-01	.2079E-02	0.0002	.6407E-07	.1015E-0
141	0.00	0.000	0.202	0.2769	1.5445	.0000E+00	.2995E-01	0.4322	.1222E-01	.2260E-02	0.0004	.1110E-06	.1234E-0
142	0.00	0.000	0.174	0.2430	1.3297	.0000E+00	.2947E-01	0.4720	.1335E-01	.2418E-02	0.0004	.8762E-07	.1098E-0
143	0.00	0.000	0.184	0.2075	1.0573	.0000E+00	.2887E-01	0.5071	.1434E-01	.2555E-02	0.0003	.7100E-07	.9896E-0
144	0.04	0.000	0.091	0.1942	0.8319	.0000E+00	.2837E-01	0.5377	.1520E-01	.2673E-02	0.0003	.5940E-07	.9067E-0
145	0.00	0.000	0.069	0.1781	0.6221	.0000E+00	.2791E-01	0.5646	.1596E-01	.2775E-02	0.0003	.5145E-07	.8454E-0
146	0.00	0.000	0.059	0.1638	0.2968	.0000E+00	.2719E-01	0.5877	.1662E-01	.2862E-02	0.0003	.4700E-07	.1007E-0
147	0.04	0.000	0.057	0.1598	0.0236	.0000E+00	.6682E-02	0.5874	.1661E-01	.2860E-02	0.0003	.5007E-07	.8470E-0
148	0.34	0.000	0.052	0.2077	0.0000	.0000E+00	.0000E+00	0.5475	.1548E-01	.2710E-02	0.0003	.7628E-07	.1044E-0
149	0.00	0.000	0.047	0.1999	0.0000	.0000E+00	.0000E+00	0.5002	.1414E-01	.2528E-02	0.0002	.5593E-07	.9446E-0
150	0.00	0.000	0.044	0.1925	0.0000	.0000E+00	.0000E+00	0.4568	.1292E-01	.2358E-02	0.0005	.1361E-06	.1413E-0
151	0.00	0.000	0.044	0.1851	0.0000	.0000E+00	.0000E+00	0.4170	.1179E-01	.2199E-02	0.0005	.1745E-06	.1595E-0
152	0.00	0.000	0.045	0.1777	0.0000	.0000E+00	.0000E+00	0.3806	.1076E-01	.2051E-02	0.0006	.2130E-06	.1759E-0
153	0.00	0.000	0.043	0.1706	0.0000	.0000E+00	.0000E+00	0.3473	.9820E-02	.1912E-02	0.0006	.2507E-06	.1905E-0
154	0.43	0.000	0.042	0.2352	0.0000	.0000E+00	.0000E+00	0.3168	.8957E-02	.1782E-02	0.0007	.2867E-06	.2551E-0
155	0.00	0.000	0.228	0.1972	0.0000	.0000E+00	.0000E+00	0.2888	.8167E-02	.1660E-02	0.0007	.3334E-06	.2177E-0
156	0.00	0.000	0.045	0.1897	0.0000	.0000E+00	.0000E+00	0.2633	.7445E-02	.1547E-02	0.0008	.3639E-06	.2274E-0
157	0.00	0.000	0.046	0.1821	0.0000	.0000E+00	.0000E+00	0.2399	.6783E-02	.1441E-02	0.0008	.3917E-06	.2359E-0
158	0.00	0.000	0.045	0.1747	0.0000	.0000E+00	.0000E+00	0.2185	.6179E-02	.1342E-02	0.0008	.4165E-06	.2432E-0
159	0.00	0.000	0.047	0.1668	0.0000	.0000E+00	.0000E+00	0.1990	.5626E-02	.1249E-02	0.0008	.4383E-06	.2495E-0
160	0.00	0.000	0.049	0.1587	0.0000	.0000E+00	.0000E+00	0.1811	.5120E-02	.1162E-02	0.0008	.4572E-06	.2548E-0
161	0.00	0.000	0.040	0.1520	0.0000	.0000E+00	.0000E+00	0.1648	.4659E-02	.1082E-02	0.0009	.4733E-06	.2592E-0
162	0.38	0.000	0.054	0.2063	0.0000	.0000E+00	.0000E+00	0.1498	.4237E-02	.1006E-02	0.0009	.4868E-06	.2629E-0
163	0.08	0.000	0.233	0.1808	0.0000	.0000E+00	.0000E+00	0.1362	.3852E-02	.9355E-03	0.0009	.4977E-06	.2658E-0
164	0.00	0.000	0.052	0.1722	0.0000	.0000E+00	.0000E+00	0.1238	.3500E-02	.8696E-03	0.0009	.5062E-06	.2681E-0
165	0.00	0.000	0.048	0.1642	0.0000	.0000E+00	.0000E+00	0.1124	.3179E-02	.8081E-03	0.0009	.5126E-06	.2697E-0
166	0.08	0.000	0.060	0.1675	0.0000	.0000E+00	.0000E+00	0.1021	.2886E-02	.7508E-03	0.0009	.5169E-06	.2709E-0
167	0.00	0.000	0.055	0.1584	0.0000	.0000E+00	.0000E+00	0.0926	.2619E-02	.6972E-03	0.0009	.5195E-06	.2715E-0
168	0.00	0.000	0.058	0.1488	0.0000	.0000E+00	.0000E+00	0.0840	.2375E-02	.6473E-03	0.0009	.5203E-06	.2717E-0
169	0.17	0.000	0.065	0.1663	0.0000	.0000E+00	.0000E+00	0.0762	.2153E-02	.6007E-03	0.0005	.2622E-06	.2041E-0
170	0.00	0.000	0.145	0.1422	0.0000	.0000E+00	.0000E+00	0.0690	.1951E-02	.5572E-03	0.0009	.5161E-06	.2712E-0
171	0.00	0.000	0.034	0.1365	0.0000	.0000E+00	.0000E+00	0.0625	.1767E-02	.5167E-03	0.0009	.5134E-06	.2704E-0
172	0.00	0.000	0.007	0.1353	0.0000	.0000E+00	.0000E+00	0.0566	.1599E-02	.4790E-03	0.0009	.5096E-06	.2694E-0
173	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0512	.1447E-02	.4438E-03	0.0009	.5049E-06	.2681E-0
174	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0463	.1308E-02	.4110E-03	0.0009	.4993E-06	.2666E-0
175	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.0418	.1182E-02	.3805E-03	0.0009	.4930E-06	.2649E-0
176	0.03	0.000	0.014	0.1377	0.0000	.0000E+00	.0000E+00	0.0377	.1067E-02	.3521E-03	0.0009	.4861E-06	.2630E-0
177	0.00	0.000	0.006	0.1366	0.0000	.0000E+00	.0000E+00	0.0341	.9633E-03	.3257E-03	0.0009	.4787E-06	.2610E-0
178	0.00	0.000	0.007	0.1355	0.0000	.0000E+00	.0000E+00	0.0307	.8688E-03	.3011E-03	0.0009	.4687E-06	.3229E-0
179	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0277	.7830E-03	.2782E-03	0.0008	.4616E-06	.2559E-0
180	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0249	.7052E-03	.2569E-03	0.0008	.4530E-06	.2535E-0
181	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0224	.6347E-03	.2371E-03	0.0008	.4441E-06	.2511E-0
182	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0202	.5708E-03	.2187E-03	0.0008	.4351E-06	.2485E-0
183	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0181	.5130E-03	.2017E-03	0.0008	.4261E-06	.2459E-0
184	0.08	0.000	0.013	0.1461	0.0000	.0000E+00	.0000E+00	0.0163	.4607E-03	.1858E-03	0.0008	.4170E-06	.2433E-0
185	0.00	0.000	0.029	0.1413	0.0000	.0000E+00	.0000E+00	0.0146	.4133E-03	.1711E-03	0.0008	.4078E-06	.2406E-0
186	0.00	0.000	0.031	0.1362	0.0000	.0000E+00	.0000E+00	0.0131	.3705E-03	.1575E-03	0.0004	.1993E-06	.1788E-0
187	0.33	0.000	0.044	0.1839	0.0000	.0000E+00	.0000E+00	0.0117	.3319E-03	.1448E-03	0.0008	.3913E-06	.2942E-0
188	0.69	0.004	0.060	0.2881	0.0000	.0000E+00	.0000E+00	0.0105	.2970E-03	.1331E-03	0.0008	.3806E-06	.2324E-0

189	0.35	0.000	0.277	0.2981	0.0143	.0000E+00	.1330E-01	0.0226	.6383E-03	.2340E-03	0.0007	.3369E-06	.2187E-0
190	0.00	0.000	0.310	0.2430	0.0657	.0000E+00	.2075E-01	0.0622	.1758E-02	.5124E-03	0.0003	.1244E-06	.1412E-0
191	0.00	0.000	0.308	0.1917	0.0000	.0000E+00	.0000E+00	0.0896	.2533E-02	.6797E-03	0.0006	.2182E-06	.1738E-0
192	0.00	0.000	0.294	0.1427	0.0000	.0000E+00	.0000E+00	0.0812	.2297E-02	.6309E-03	0.0006	.2057E-06	.1715E-0
193	0.00	0.000	0.046	0.1350	0.0000	.0000E+00	.0000E+00	0.0736	.2082E-02	.5854E-03	0.0006	.2125E-06	.1743E-0
194	1.19	0.066	0.145	0.2981	0.0000	.0000E+00	.0000E+00	0.0667	.1886E-02	.5430E-03	0.0006	.2183E-06	.1766E-0
195	0.00	0.000	0.258	0.2528	0.0416	.0000E+00	.1336E-01	0.0737	.2083E-02	.5850E-03	0.0006	.2109E-06	.1725E-0
196	0.00	0.000	0.317	0.1985	0.0210	.0000E+00	.8649E-02	0.0967	.2735E-02	.7207E-03	0.0005	.1832E-06	.1596E-0
197	0.17	0.000	0.272	0.1815	0.0000	.0000E+00	.0000E+00	0.1016	.2874E-02	.7484E-03	0.0005	.1649E-06	.1527E-0
198	0.00	0.000	0.243	0.1411	0.0000	.0000E+00	.0000E+00	0.0922	.2608E-02	.6950E-03	0.0005	.1671E-06	.1547E-0
199	0.00	0.000	0.034	0.1354	0.0000	.0000E+00	.0000E+00	0.0837	.2365E-02	.6452E-03	0.0005	.1751E-06	.1584E-0
200	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0758	.2144E-02	.5988E-03	0.0005	.1823E-06	.1615E-0
201	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0687	.1943E-02	.5554E-03	0.0005	.1882E-06	.2053E-0
202	0.27	0.000	0.067	0.1688	0.0000	.0000E+00	.0000E+00	0.0622	.1760E-02	.5151E-03	0.0006	.1967E-06	.1671E-0
203	0.00	0.000	0.077	0.1560	0.0000	.0000E+00	.0000E+00	0.0563	.1593E-02	.4774E-03	0.0006	.2011E-06	.1690E-0
204	0.00	0.000	0.091	0.1408	0.0000	.0000E+00	.0000E+00	0.0510	.1441E-02	.4424E-03	0.0006	.2048E-06	.1706E-0
205	0.00	0.000	0.029	0.1359	0.0000	.0000E+00	.0000E+00	0.0461	.1302E-02	.4097E-03	0.0003	.1039E-06	.1291E-0
206	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0416	.1177E-02	.3793E-03	0.0006	.2081E-06	.2156E-0
207	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0376	.1063E-02	.3509E-03	0.0006	.2121E-06	.1735E-0
208	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0339	.9591E-03	.3246E-03	0.0006	.2133E-06	.1740E-0
209	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0306	.8649E-03	.3000E-03	0.0006	.2140E-06	.1743E-0
210	0.16	0.000	0.066	0.1507	0.0000	.0000E+00	.0000E+00	0.0276	.7795E-03	.2772E-03	0.0006	.2143E-06	.1744E-0
211	0.00	0.000	0.049	0.1425	0.0000	.0000E+00	.0000E+00	0.0248	.7021E-03	.2560E-03	0.0006	.2141E-06	.1744E-0
212	0.13	0.000	0.087	0.1497	0.0000	.0000E+00	.0000E+00	0.0223	.6319E-03	.2363E-03	0.0006	.2136E-06	.1741E-0
213	0.00	0.000	0.055	0.1404	0.0000	.0000E+00	.0000E+00	0.0201	.5683E-03	.2180E-03	0.0006	.2127E-06	.1738E-0
214	0.04	0.000	0.046	0.1394	0.0000	.0000E+00	.0000E+00	0.0181	.5107E-03	.2010E-03	0.0003	.1064E-06	.1302E-0
215	0.07	0.000	0.029	0.1462	0.0000	.0000E+00	.0000E+00	0.0162	.4586E-03	.1852E-03	0.0006	.2099E-06	.1728E-0
216	0.16	0.000	0.059	0.1631	0.0000	.0000E+00	.0000E+00	0.0146	.4114E-03	.1705E-03	0.0006	.2082E-06	.1721E-0
217	0.07	0.000	0.070	0.1632	0.0000	.0000E+00	.0000E+00	0.0130	.3688E-03	.1569E-03	0.0006	.2063E-06	.1714E-0
218	0.13	0.000	0.095	0.1690	0.0000	.0000E+00	.0000E+00	0.0117	.3303E-03	.1443E-03	0.0006	.2043E-06	.1705E-0
219	0.00	0.000	0.089	0.1542	0.0000	.0000E+00	.0000E+00	0.0105	.2956E-03	.1326E-03	0.0006	.2020E-06	.1695E-0
220	0.00	0.000	0.083	0.1405	0.0000	.0000E+00	.0000E+00	0.0093	.2643E-03	.1218E-03	0.0006	.1990E-06	.2104E-0
221	0.00	0.000	0.028	0.1359	0.0000	.0000E+00	.0000E+00	0.0083	.2361E-03	.1118E-03	0.0006	.1968E-06	.1672E-0
222	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0074	.2106E-03	.1025E-03	0.0005	.1941E-06	.1660E-0
223	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0066	.1877E-03	.9392E-04	0.0003	.9567E-07	.1238E-0
224	0.13	0.000	0.056	0.1474	0.0000	.0000E+00	.0000E+00	0.0059	.1672E-03	.8598E-04	0.0005	.1890E-06	.1639E-0
225	0.00	0.000	0.045	0.1398	0.0000	.0000E+00	.0000E+00	0.0053	.1487E-03	.7865E-04	0.0005	.1861E-06	.2031E-0
226	0.00	0.000	0.021	0.1363	0.0000	.0000E+00	.0000E+00	0.0047	.1321E-03	.7189E-04	0.0005	.1827E-06	.1611E-0
227	0.00	0.000	0.006	0.1353	0.0000	.0000E+00	.0000E+00	0.0041	.1172E-03	.6564E-04	0.0005	.1797E-06	.1598E-0
228	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0037	.1038E-03	.5988E-04	0.0005	.1767E-06	.1584E-0
229	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0033	.9190E-04	.5457E-04	0.0005	.1737E-06	.1571E-0
230	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0029	.8122E-04	.4968E-04	0.0005	.1707E-06	.1557E-0
231	0.24	0.000	0.070	0.1633	0.0000	.0000E+00	.0000E+00	0.0025	.7168E-04	.4518E-04	0.0005	.1677E-06	.1543E-0
232	1.01	0.046	0.135	0.3014	0.0000	.0000E+00	.0000E+00	0.0022	.6317E-04	.4104E-04	0.0005	.1647E-06	.1530E-0
233	0.49	0.002	0.220	0.3427	0.1846	.0000E+00	.2031E-01	0.0221	.6246E-03	.2216E-03	0.0002	.6291E-07	.1001E-0
234	0.00	0.000	0.225	0.3003	1.4086	.0000E+00	.2965E-01	0.0818	.2313E-02	.6308E-03	0.0004	.8197E-07	.1020E-0
235	0.00	0.000	0.241	0.2553	1.2343	.0000E+00	.2926E-01	0.1508	.4264E-02	.1010E-02	0.0002	.3352E-07	.6321E-0
236	0.00	0.000	0.182	0.2202	1.0046	.0000E+00	.2875E-01	0.2126	.6013E-02	.1313E-02	0.0001	.9487E-08	.3791E-0
237	0.00	0.000	0.165	0.1880	0.8202	.0000E+00	.2835E-01	0.2680	.7576E-02	.1567E-02	0.0000	.6148E-12	.5883E-0
238	0.00	0.000	0.177	0.1552	0.3863	.0000E+00	.2072E-01	0.3103	.8774E-02	.1754E-02	0.0000	.0000E+00	.0000E+0
239	0.00	0.000	0.121	0.1350	0.0000	.0000E+00	.0000E+00	0.3162	.8942E-02	.1780E-02	0.0000	.0000E+00	.0000E+0
240	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2884	.8153E-02	.1658E-02	0.0000	.0000E+00	.0000E+0
241	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2628	.7432E-02	.1545E-02	0.0000	.3825E-09	.8076E-0
242	0.74	0.001	0.105	0.2407	0.0000	.0000E+00	.0000E+00	0.2395	.6772E-02	.1439E-02	0.0001	.2588E-08	.2616E-0
243	0.00	0.000	0.138	0.2176	0.0000	.0000E+00	.0000E+00	0.2181	.6168E-02	.1340E-02	0.0001	.8350E-08	.3454E-0
244	0.00	0.000	0.220	0.1811	0.0000	.0000E+00	.0000E+00	0.1986	.5616E-02	.1247E-02	0.0001	.1416E-07	.4494E-0
245	0.00	0.000	0.196	0.1484	0.0000	.0000E+00	.0000E+00	0.1808	.5112E-02	.1161E-02	0.0002	.2083E-07	.5449E-0
246	0.00	0.000	0.066	0.1374	0.0000	.0000E+00	.0000E+00	0.1645	.4651E-02	.1080E-02	0.0002	.2809E-07	.6325E-0
247	0.00	0.000	0.014	0.1350	0.0000	.0000E+00	.0000E+00	0.1496	.4229E-02	.1005E-02	0.0002	.3568E-07	.7126E-0
248	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1360	.3845E-02	.9342E-03	0.0003	.4341E-07	.7859E-0
249	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1236	.3494E-02	.8684E-03	0.0003	.5112E-07	.8528E-0
250	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1122	.3173E-02	.8070E-03	0.0002	.2936E-07	.6853E-0
251	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1019	.2881E-02	.7497E-03	0.0003	.6321E-07	.1197E-0
252	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0925	.2614E-02	.6963E-03	0.0003	.7300E-07	.1019E-0
253	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0839	.2371E-02	.6464E-03	0.0004	.7961E-07	.1064E-0
254	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0760	.2149E-02	.5998E-03	0.0004	.8582E-07	.1104E-0
255	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0689	.1948E-02	.5565E-03	0.0004	.9158E-07	.1141E-0
256	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0624	.1764E-02	.5160E-03	0.0004	.9688E-07	.1173E-0
257	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0565	.1596E-02	.4783E-03	0.0004	.1017E-06	.1202E-0
258	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0511	.1444E-02	.4432E-03	0.0004	.1061E-06	.1228E-0
259	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0462	.1306E-02	.4104E-03	0.0004	.1100E-06	.1250E-0
260	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0417	.1180E-02	.3800E-03	0.0004	.1135E-06	.1270E-0
261	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0377	.1065E-02	.3516E-03	0.0004	.1166E-06	.1287E-0
262	0.03	0.000	0.018	0.1370	0.0000	.0000E+00	.0000E+00	0.0340	.9615E-03	.3252E-03	0.0002	.5990E-07	.9774E-0
263	0.01	0.000	0.010	0.1370	0.0000	.0000E+00	.0000E+00	0.0307	.8671E-03	.3006E-03	0.0004	.1204E-06	.1311E-0
264	0.00	0.000	0.004	0.1363	0.0000	.0000E+00	.0000E+00	0.0276	.7815E-03	.2778E-03	0.0004	.1224E-06	.1322E-0
265	0.00	0.000	0.006	0.1354	0.0000	.0000E+00	.0000E+00	0.0249	.7039E-03	.2565E-03	0.0004	.1241E-06	.1331E-0
266	0.00	0.000	0.002	0.1350	0.0000	.0000E+00	.0000E+00	0.0224	.6335E-03	.2368E-03	0.0004	.1255E-06	.1338E-0
267	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0201	.5697E-03	.2184E-03	0.0004	.1266E-06	.1343E-0
268	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0181	.5120E-03	.2014E-03	0.0004	.1273E-06	.1683E-0
269	0.39	0.000	0.029	0.1952	0.0000	.0000E+00	.0000E+00	0.0163	.4597E-03	.1855E-03	0.0004	.1283E-06	.1350E-0
270	0.00	0.000	0.016	0.1926	0.0000	.0000E+00	.0000E+00	0.0146	.4125E-03	.1709E-03	0.0004	.1285E-06	.1351E-0
271	0.00	0.000	0.018	0.1895	0.0000	.0000E+00	.0000E+00	0.0131	.3698E-03	.1572E-03	0.0004	.1285E-06	.1351E-0
272	0.00	0.000	0.020	0.1862	0.0000	.0000E+00	.0000E+00	0.0117	.3312E-03	.1446E-03	0.0004	.1283E-06	.1350E-0
273	0.00	0.000	0.020	0.1829	0.0000	.0000E+00	.0000E+00	0.0105	.2964E-03	.1329E-03	0.0004	.1279E-06	.1348E-0
274	0.00	0.000	0.020	0.1796	0.0000	.0000E+00	.0000E+00	0.0094	.2650E-03	.1221E-03	0.0004	.1273E-06	.1345E-0
275	0.00	0.000	0.019	0.1765	0.0000	.0000E+00	.0000E+00	0.0084	.2367E-03	.1120E-03	0.0004	.1266E-06	.1341E-0
276	0.59	0.000	0.036	0.2688	0.0000	.0000E+00	.0000E+00	0.0075	.2112E-03	.1027E-03	0.0004	.1258E-06	.1337E-0
277	0.00	0.000	0.018	0.2657	0.0000	.0000E+00	.0000E+00	0.0067	.1883E-03	.9412E-04	0.0004	.1249E-06	.1332E-0
278	0.00	0.000	0.018	0.2626	0.0000	.0000E+00	.0000E+00	0.0059	.1676E-03	.8617E-04	0.0002	.6222E-07	.9959E-0
279	0.00	0.000	0.018	0.2596	0.0000	.0000E+00	.0000E+00	0.0053	.1491E-03	.7883E-04	0.0004	.1228E-06	.1322E-0
280	0.00	0.000	0.018	0.2567	0.0000	.0000E+00	.0000E+00	0.0047	.1325E-03	.7204E-04	0.0004	.1216E-06	.1315E-0
281	0.00	0.000	0.017	0.2538	0.0000	.0000E+00	.0000E+00	0.0042	.1175E-03	.6578E-04	0.0004	.1203E-06	.1308E-0
282	0.00	0.000	0.017	0.2510	0.0000	.0000E+00	.0000E+00	0.0037	.1042E-03	.6001E-04	0.0004	.1190E-06	.1301E-0
283	0.00	0.000	0.017	0.2481	0.0000	.0000E+00	.0000E+00	0.0033	.9218E-04	.5469E-04	0.0004	.1176E-06	.1293E-0
284	0.00	0.000	0.017	0.2454	0.0000	.0000E+00	.0000E+00	0.0029	.8147E-04	.4979E-04	0.0004	.1162E-06	.1286E-0

285		0.06	0.000	0.034	0.2496	0.0000	.0000E+00	.0000E+00	0.0025	.7190E-04	.4528E-04	0.0004	.1148E-06	.1277E-0
286		0.80	0.014	0.035	0.3737	0.0759	.0000E+00	.6801E-02	0.0090	.2538E-03	.1144E-03	0.0004	.1054E-06	.1512E-0
287		0.00	0.000	0.072	0.3565	2.0873	.0000E+00	.3115E-01	0.0498	.1407E-02	.4259E-03	0.0003	.5388E-07	.8752E-0
288		0.00	0.000	0.070	0.3396	2.1000	.0000E+00	.3117E-01	0.1259	.3560E-02	.8790E-03	0.0001	.1252E-07	.4222E-0
289		0.00	0.000	0.073	0.3224	1.9129	.0000E+00	.3076E-01	0.1950	.5513E-02	.1229E-02	0.0000	.4475E-09	.8047E-0
290		0.00	0.000	0.056	0.3080	1.7451	.0000E+00	.3039E-01	0.2571	.7268E-02	.1518E-02	0.0000	.0000E+00	.0000E+0
291		0.00	0.000	0.048	0.2949	1.5841	.0000E+00	.3003E-01	0.3129	.8847E-02	.1765E-02	0.0000	.0000E+00	.0000E+0
292		0.00	0.000	0.048	0.2820	1.4268	.0000E+00	.2969E-01	0.3631	.1027E-01	.1978E-02	0.0000	.0000E+00	.0000E+0
293		0.00	0.000	0.063	0.2666	1.2688	.0000E+00	.2934E-01	0.4081	.1154E-01	.2163E-02	0.0000	.0000E+00	.0000E+0
294		0.00	0.000	0.060	0.2518	1.0964	.0000E+00	.2896E-01	0.4484	.1268E-01	.2325E-02	0.0000	.0000E+00	.0000E+0
295		0.00	0.000	0.051	0.2386	0.9505	.0000E+00	.2863E-01	0.4844	.1370E-01	.2467E-02	0.0000	.0000E+00	.0000E+0
296		0.00	0.000	0.061	0.2237	0.8157	.0000E+00	.2834E-01	0.5165	.1461E-01	.2591E-02	0.0000	.0000E+00	.0000E+0
297		0.00	0.000	0.065	0.2083	0.6899	.0000E+00	.2806E-01	0.5453	.1542E-01	.2701E-02	0.0000	.0000E+00	.0000E+0
298		0.00	0.000	0.052	0.1950	0.5689	.0000E+00	.2779E-01	0.5709	.1614E-01	.2798E-02	0.0000	.0000E+00	.0000E+0
299		0.00	0.000	0.048	0.1824	0.4340	.0000E+00	.2749E-01	0.5936	.1678E-01	.2883E-02	0.0000	.0000E+00	.0000E+0
300		0.28	0.000	0.061	0.2144	0.3010	.0000E+00	.2720E-01	0.6137	.1735E-01	.2958E-02	0.0000	.0000E+00	.0000E+0
301		0.00	0.000	0.039	0.2034	0.1701	.0000E+00	.2691E-01	0.6313	.1785E-01	.3023E-02	0.0000	.0000E+00	.0000E+0
302		0.00	0.000	0.037	0.1942	0.0427	.0000E+00	.1845E-01	0.6386	.1806E-01	.3050E-02	0.0000	.0000E+00	.0000E+0
303		0.00	0.000	0.034	0.1884	0.0000	.0000E+00	.0000E+00	0.6133	.1734E-01	.2957E-02	0.0000	.0000E+00	.0000E+0
304		0.00	0.000	0.033	0.1830	0.0000	.0000E+00	.0000E+00	0.5605	.1585E-01	.2759E-02	0.0000	.0000E+00	.0000E+0
305		0.00	0.000	0.031	0.1779	0.0000	.0000E+00	.0000E+00	0.5121	.1448E-01	.2574E-02	0.0000	.0000E+00	.0000E+0
306		0.00	0.000	0.030	0.1729	0.0000	.0000E+00	.0000E+00	0.4677	.1322E-01	.2401E-02	0.0000	.0000E+00	.0000E+0
307		0.00	0.000	0.028	0.1682	0.0000	.0000E+00	.0000E+00	0.4270	.1207E-01	.2240E-02	0.0000	.0000E+00	.0000E+0
308		0.00	0.000	0.027	0.1636	0.0000	.0000E+00	.0000E+00	0.3898	.1102E-01	.2088E-02	0.0000	.0000E+00	.0000E+0
309		0.00	0.000	0.026	0.1592	0.0000	.0000E+00	.0000E+00	0.3557	.1006E-01	.1947E-02	0.0000	.0000E+00	.0000E+0
310		0.00	0.000	0.024	0.1552	0.0000	.0000E+00	.0000E+00	0.3245	.9174E-02	.1815E-02	0.0000	.8051E-09	.1084E-0
311		0.00	0.000	0.025	0.1511	0.0000	.0000E+00	.0000E+00	0.2959	.8366E-02	.1691E-02	0.0001	.4508E-08	.2545E-0
312		0.00	0.000	0.024	0.1471	0.0000	.0000E+00	.0000E+00	0.2697	.7627E-02	.1576E-02	0.0001	.1058E-07	.3889E-0
313		0.00	0.000	0.023	0.1432	0.0000	.0000E+00	.0000E+00	0.2458	.6950E-02	.1468E-02	0.0002	.1840E-07	.5125E-0
314		0.26	0.000	0.033	0.1810	0.0000	.0000E+00	.0000E+00	0.2239	.6331E-02	.1367E-02	0.0002	.2748E-07	.6259E-0
315		0.54	0.000	0.033	0.2655	0.0000	.0000E+00	.0000E+00	0.2039	.5765E-02	.1272E-02	0.0001	.1858E-07	.5465E-0
316		0.12	0.000	0.072	0.2735	0.0000	.0000E+00	.0000E+00	0.1856	.5248E-02	.1184E-02	0.0003	.4389E-07	.1008E-0
317		0.13	0.000	0.070	0.2834	0.0000	.0000E+00	.0000E+00	0.1689	.4775E-02	.1102E-02	0.0003	.5829E-07	.9107E-0
318		0.00	0.000	0.070	0.2717	0.0000	.0000E+00	.0000E+00	0.1536	.4343E-02	.1025E-02	0.0003	.6880E-07	.9893E-0
319		0.00	0.000	0.060	0.2617	0.0000	.0000E+00	.0000E+00	0.1396	.3948E-02	.9534E-03	0.0003	.7909E-07	.1061E-0
320		0.00	0.000	0.045	0.2541	0.0000	.0000E+00	.0000E+00	0.1269	.3588E-02	.8863E-03	0.0004	.8902E-07	.1125E-0
321	*	0.00	0.000	0.035	0.2483	0.0000	.0000E+00	.0000E+00	0.1153	.3260E-02	.8237E-03	0.0004	.9847E-07	.1183E-0
322		0.83	0.013	0.048	0.3754	0.1052	.0000E+00	.6866E-02	0.1115	.3152E-02	.8030E-03	0.0004	.1010E-06	.1198E-0
323		0.12	0.000	0.048	0.3821	2.3889	.0000E+00	.3181E-01	0.1438	.4067E-02	.9733E-03	0.0002	.3692E-07	.7686E-0
324		0.00	0.000	0.050	0.3684	2.5097	.0000E+00	.3208E-01	0.2137	.6042E-02	.1318E-02	0.0003	.4714E-07	.9405E-0
325		0.00	0.000	0.056	0.3537	2.3910	.0000E+00	.3182E-01	0.2777	.7852E-02	.1611E-02	0.0001	.1149E-07	.4053E-0
326		0.00	0.000	0.054	0.3394	2.1995	.0000E+00	.3139E-01	0.3354	.9484E-02	.1861E-02	0.0000	.1074E-08	.1299E-0
327		0.19	0.000	0.059	0.3561	1.9986	.0000E+00	.3095E-01	0.3871	.1095E-01	.2077E-02	0.0000	.6070E-09	.4646E-0
328		0.00	0.000	0.051	0.3425	1.8856	.0000E+00	.3070E-01	0.4335	.1226E-01	.2266E-02	0.0000	.4243E-14	.1228E-0
329		0.15	0.000	0.064	0.3516	1.9089	.0000E+00	.3075E-01	0.4757	.1345E-01	.2433E-02	0.0000	.0000E+00	.0000E+0
330		0.00	0.000	0.059	0.3367	1.7945	.0000E+00	.3050E-01	0.5141	.1454E-01	.2582E-02	0.0000	.0000E+00	.0000E+0
331		0.00	0.000	0.047	0.3238	1.6398	.0000E+00	.3016E-01	0.5486	.1551E-01	.2714E-02	0.0000	.0000E+00	.0000E+0
332		0.73	0.010	0.056	0.4294	1.8996	.0000E+00	.3073E-01	0.5802	.1641E-01	.2833E-02	0.0000	.0000E+00	.0000E+0
333		0.63	0.108	0.055	0.5010	4.7707	.0000E+00	.3708E-01	0.6164	.1743E-01	.2968E-02	0.0000	.0000E+00	.0000E+0
334		0.00	0.000	0.050	0.4861	5.8464	.0000E+00	.3946E-01	0.6622	.1872E-01	.3136E-02	0.0000	.0000E+00	.0000E+0
335		0.00	0.000	0.040	0.4730	5.4672	.0000E+00	.3862E-01	0.7072	.2000E-01	.3299E-02	0.0000	.0000E+00	.0000E+0
336		0.00	0.000	0.048	0.4587	5.1088	.0000E+00	.3783E-01	0.7463	.2110E-01	.3439E-02	0.0000	.0000E+00	.0000E+0
337	*	0.11	0.000	0.039	0.4558	4.8416	.0000E+00	.3724E-01	0.7803	.2206E-01	.3559E-02	0.0000	.0000E+00	.0000E+0
338		0.02	0.000	0.048	0.4534	4.7402	.0000E+00	.3701E-01	0.8103	.2291E-01	.3664E-02	0.0000	.0000E+00	.0000E+0
339		0.00	0.000	0.046	0.4396	4.5814	.0000E+00	.3666E-01	0.8371	.2367E-01	.3757E-02	0.0000	.0000E+00	.0000E+0
340		0.00	0.000	0.038	0.4273	4.2981	.0000E+00	.3604E-01	0.8606	.2433E-01	.3838E-02	0.0000	.0000E+00	.0000E+0
341		0.00	0.000	0.040	0.4147	4.0324	.0000E+00	.3545E-01	0.8804	.2489E-01	.3906E-02	0.0000	.0000E+00	.0000E+0
342	*	0.00	0.000	0.029	0.4040	3.8066	.0000E+00	.3495E-01	0.8973	.2537E-01	.3963E-02	0.0000	.0000E+00	.0000E+0
343	*	0.27	0.000	0.026	0.4015	3.6186	.0000E+00	.3453E-01	0.9115	.2577E-01	.4012E-02	0.0000	.0000E+00	.0000E+0
344		0.00	0.000	0.019	0.4268	3.5955	.0000E+00	.3448E-01	0.9238	.2612E-01	.4054E-02	0.0000	.0000E+00	.0000E+0
345		0.00	0.000	0.046	0.4164	3.8496	.0000E+00	.3504E-01	0.9355	.2645E-01	.4093E-02	0.0000	.0000E+00	.0000E+0
346		0.42	0.001	0.054	0.4713	4.1431	.0000E+00	.3569E-01	0.9479	.2680E-01	.4135E-02	0.0000	.0000E+00	.0000E+0
347		0.00	0.000	0.038	0.4587	5.0831	.0000E+00	.3777E-01	0.9623	.2721E-01	.4184E-02	0.0000	.0000E+00	.0000E+0
348		0.00	0.000	0.049	0.4443	4.7753	.0000E+00	.3709E-01	0.9783	.2766E-01	.4237E-02	0.0000	.0000E+00	.0000E+0
349		0.00	0.000	0.050	0.4298	4.4723	.0000E+00	.3642E-01	0.9911	.2802E-01	.4280E-02	0.0000	.0000E+00	.0000E+0
350		0.01	0.000	0.052	0.4169	4.1747	.0000E+00	.3576E-01	1.0012	.2831E-01	.4314E-02	0.0000	.0000E+00	.0000E+0
351		0.34	0.000	0.050	0.4593	4.1332	.0000E+00	.3567E-01	1.0093	.2854E-01	.4341E-02	0.0000	.0000E+00	.0000E+0
352	*	1.21	0.000	0.029	0.4563	4.8597	.0000E+00	.3728E-01	1.0181	.2879E-01	.4370E-02	0.0000	.0000E+00	.0000E+0
353	*	0.00	0.000	0.035	0.4535	4.7532	.0000E+00	.3704E-01	1.0286	.2908E-01	.4405E-02	0.0000	.0000E+00	.0000E+0
354		0.17	0.178	0.000	0.5010	5.3775	.0000E+00	.3842E-01	1.0392	.2939E-01	.4440E-02	0.0000	.0000E+00	.0000E+0
355		0.00	0.490	0.000	0.4977	5.9656	.0000E+00	.3972E-01	1.0525	.2976E-01	.4484E-02	0.0000	.0000E+00	.0000E+0
356		0.75	0.955	0.000	0.5010	5.9771	.0000E+00	.3975E-01	1.0668	.3016E-01	.4531E-02	0.0000	.0000E+00	.0000E+0
357		0.00	0.000	0.038	0.4880	5.8662	.0000E+00	.3950E-01	1.0797	.3053E-01	.4573E-02	0.0000	.0000E+00	.0000E+0
358	*	0.00	0.000	0.031	0.4764	5.5327	.0000E+00	.3876E-01	1.0904	.3083E-01	.4608E-02	0.0000	.1845E-10	.3816E-0
359	*	0.66	0.000	0.033	0.4733	5.3005	.0000E+00	.3825E-01	1.0986	.3106E-01	.4635E-02	0.0000	.1439E-08	.1478E-0
360	*	0.00	0.000	0.032	0.4703	5.2149	.0000E+00	.3806E-01	1.1050	.3125E-01	.4656E-02	0.0001	.4820E-08	.2684E-0
361	*	0.00	0.000	0.027	0.4672	5.1305	.0000E+00	.3788E-01	1.1105	.3140E-01	.4674E-02	0.0001	.5177E-08	.2812E-0
362	*	0.00	0.000	0.032	0.4642	5.0469	.0000E+00	.3769E-01	1.1150	.3153E-01	.4688E-02	0.0002	.1633E-07	.4881E-0
363	*	0.07	0.000	0.000	0.4613	4.9649	.0000E+00	.3751E-01	1.1187	.3163E-01	.4700E-02	0.0002	.2782E-07	.7925E-0
364		0.00	0.001	0.009	0.4994	5.2217	.0000E+00	.3808E-01	1.1223	.3173E-01	.4712E-02	0.0003	.4167E-07	.7779E-0
365		0.00	0.162	0.020	0.5010	5.9890	.0000E+00	.3977E-01	1.1282	.3190E-01	.4731E-02	0.0003	.5571E-07	.8983E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 15

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	5.64	2.94	2.73	2.38	3.14	1.18
	3.37	3.08	0.43	1.73	3.70	4.03

RUNOFF	5.265	2.345	2.062	0.027	0.394	0.000
	0.070	0.049	0.000	0.014	0.131	1.787
EVAPOTRANSPIRATION	0.497	0.550	2.107	2.063	2.108	1.481
	3.156	2.466	0.638	1.255	1.356	1.000
PERCOLATION/LEAKAGE THROUGH	0.4483	0.0443	0.5274	0.3023	0.3375	0.0000
LAYER 2	0.0561	0.1570	0.0000	0.4611	0.3943	1.1540
LATERAL DRAINAGE COLLECTED	0.6621	0.0865	0.2690	0.3063	0.3036	0.1126
FROM LAYER 3	0.0432	0.0719	0.0573	0.2262	0.2801	0.8583
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1058	0.0217	0.0508	0.0582	0.0581	0.0261
LAYER 4	0.0129	0.0164	0.0155	0.0415	0.0540	0.1313
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1053	0.1048	0.0462	0.0503	0.0547	0.0761
LAYER 7	0.0580	0.0367	0.0337	0.0183	0.0122	0.0037

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.023	0.001	1.226	0.358	0.570	0.000
TOP OF LAYER 2	0.005	0.163	0.000	0.557	1.045	4.836
STD. DEVIATION OF DAILY	1.966	0.002	1.544	0.559	0.931	0.000
HEAD ON TOP OF LAYER 2	0.014	0.390	0.000	0.728	1.525	0.697
AVERAGE DAILY HEAD ON	0.755	0.109	0.307	0.361	0.346	0.133
TOP OF LAYER 4	0.049	0.082	0.068	0.258	0.330	0.979
STD. DEVIATION OF DAILY	0.320	0.055	0.248	0.146	0.151	0.105
HEAD ON TOP OF LAYER 4	0.029	0.115	0.055	0.259	0.164	0.120
AVERAGE DAILY HEAD ON	0.001	0.001	0.000	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 15

	INCHES	CU. FEET	PERCENT
PRECIPITATION	34.35	311726.281	100.00
RUNOFF	12.144	110208.523	35.35
EVAPOTRANSPIRATION	18.677	169497.312	54.37
PERC./LEAKAGE THROUGH LAYER 2	3.882325	35232.098	11.30
AVG. HEAD ON TOP OF LAYER 2	0.8153		
DRAINAGE COLLECTED FROM LAYER 3	3.2772	29740.246	9.54
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.592497	5376.912	1.72
AVG. HEAD ON TOP OF LAYER 4	0.3148		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	0.942	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.600012	5445.112	1.75
AVG. HEAD ON TOP OF LAYER 7	0.0005		
CHANGE IN WATER STORAGE	-0.349	-3165.830	-1.02
SOIL WATER AT START OF YEAR	285.818	2593801.250	
SOIL WATER AT END OF YEAR	285.929	2594805.250	
SNOW WATER AT START OF YEAR	0.459	4169.763	1.34
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	-0.029	0.00

HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 16

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.00	0.000	0.045	0.4869	5.8546	.0000E+00	.3948E-01	1.1361	.3212E-01	.4757E-02	0.0003	.7085E-07	.1012E-0
2			0.00	0.000	0.044	0.4732	5.4826	.0000E+00	.3865E-01	1.1421	.3229E-01	.4776E-02	0.0002	.4432E-07	.8356E-0
3	*		0.00	0.000	0.041	0.4600	5.1256	.0000E+00	.3786E-01	1.1454	.3239E-01	.4787E-02	0.0004	.1046E-06	.1227E-0
4			0.00	0.000	0.045	0.4464	4.8150	.0000E+00	.3718E-01	1.1465	.3242E-01	.4791E-02	0.0004	.1280E-06	.1357E-0
5			0.00	0.000	0.048	0.4323	4.5215	.0000E+00	.3653E-01	1.1458	.3240E-01	.4788E-02	0.0005	.1547E-06	.1491E-0
6	*		0.00	0.000	0.039	0.4199	4.2354	.0000E+00	.3590E-01	1.1434	.3233E-01	.4781E-02	0.0005	.1843E-06	.1628E-0
7	*		0.21	0.000	0.036	0.4172	4.0058	.0000E+00	.3539E-01	1.1398	.3223E-01	.4769E-02	0.0006	.2169E-06	.1765E-0
8	*		0.55	0.000	0.000	0.4147	3.8434	.0000E+00	.3503E-01	1.1352	.3210E-01	.4754E-02	0.0006	.2518E-06	.1902E-0
9			0.10	0.000	0.000	0.4425	3.8013	.0000E+00	.3494E-01	1.1304	.3196E-01	.4739E-02	0.0007	.2887E-06	.2035E-0
10			0.00	0.000	0.042	0.4398	4.4210	.0000E+00	.3631E-01	1.1272	.3187E-01	.4728E-02	0.0007	.3258E-06	.2161E-0
11			0.00	0.000	0.012	0.4794	4.6148	.0000E+00	.3674E-01	1.1268	.3186E-01	.4727E-02	0.0007	.3613E-06	.2859E-0
12			0.83	0.681	0.000	0.5010	5.8443	.0000E+00	.3945E-01	1.1299	.3195E-01	.4737E-02	0.0008	.4017E-06	.2397E-0
13			0.00	0.188	0.028	0.4944	5.9313	.0000E+00	.3965E-01	1.1373	.3216E-01	.4761E-02	0.0008	.4290E-06	.2477E-0
14			0.00	0.000	0.049	0.4797	5.6715	.0000E+00	.3907E-01	1.1438	.3234E-01	.4782E-02	0.0008	.4579E-06	.2558E-0
15	*		0.00	0.000	0.042	0.4663	5.2967	.0000E+00	.3824E-01	1.1481	.3246E-01	.4796E-02	0.0004	.2402E-06	.1975E-0
16			0.00	0.000	0.055	0.4509	4.9401	.0000E+00	.3745E-01	1.1499	.3251E-01	.4802E-02	0.0009	.5162E-06	.2715E-0
17			0.00	0.000	0.053	0.4360	4.6179	.0000E+00	.3674E-01	1.1495	.3250E-01	.4801E-02	0.0009	.5529E-06	.2810E-0
18			0.00	0.000	0.051	0.4214	4.3098	.0000E+00	.3606E-01	1.1474	.3244E-01	.4794E-02	0.0010	.5919E-06	.2908E-0
19			0.00	0.000	0.055	0.4064	4.0079	.0000E+00	.3539E-01	1.1437	.3234E-01	.4782E-02	0.0010	.6328E-06	.3007E-0
20			0.07	0.000	0.063	0.4019	3.7629	.0000E+00	.3485E-01	1.1386	.3220E-01	.4765E-02	0.0010	.6750E-06	.3895E-0
21			0.00	0.000	0.054	0.3871	3.5562	.0000E+00	.3439E-01	1.1327	.3203E-01	.4746E-02	0.0011	.7298E-06	.3226E-0
22			0.00	0.000	0.054	0.3724	3.3461	.0000E+00	.3393E-01	1.1260	.3184E-01	.4724E-02	0.0011	.7731E-06	.3320E-0
23	*		0.00	0.000	0.039	0.3604	3.1429	.0000E+00	.3348E-01	1.1187	.3163E-01	.4701E-02	0.0011	.8161E-06	.3411E-0
24	*		0.00	0.000	0.000	0.3549	2.9552	.0000E+00	.3307E-01	1.1109	.3141E-01	.4675E-02	0.0012	.8587E-06	.3498E-0
25	*		0.00	0.000	0.000	0.3494	2.8034	.0000E+00	.3273E-01	1.1027	.3118E-01	.4648E-02	0.0012	.9003E-06	.3582E-0
26	*		0.09	0.000	0.036	0.3473	2.6532	.0000E+00	.3240E-01	1.0943	.3094E-01	.4621E-02	0.0006	.4703E-06	.2741E-0
27	*		0.00	0.000	0.035	0.3420	2.5044	.0000E+00	.3207E-01	1.0857	.3070E-01	.4593E-02	0.0012	.9680E-06	.3717E-0
28	*	*	0.00	0.000	0.000	0.3371	1.3008	.0000E+00	.2941E-01	1.0747	.3039E-01	.4557E-02	0.0012	.1008E-05	.3793E-0
29		*	0.00	0.000	0.000	0.3323	0.8154	.0000E+00	.2833E-01	1.0592	.2995E-01	.4506E-02	0.0013	.1052E-05	.3877E-0
30	*	*	0.00	0.000	0.000	0.3277	0.6853	.0000E+00	.2805E-01	1.0430	.2949E-01	.4452E-02	0.0013	.1098E-05	.3959E-0
31	*	*	0.00	0.000	0.000	0.3230	0.5566	.0000E+00	.2776E-01	1.0274	.2905E-01	.4401E-02	0.0013	.1140E-05	.4034E-0
32	*	*	0.00	0.000	0.000	0.3185	0.4291	.0000E+00	.2748E-01	1.0123	.2862E-01	.4351E-02	0.0013	.1179E-05	.4101E-0
33		*	0.00	0.000	0.000	0.3139	0.3030	.0000E+00	.2720E-01	0.9977	.2821E-01	.4302E-02	0.0014	.1213E-05	.4161E-0
34		*	0.31	0.082	0.006	0.3464	0.1781	.0000E+00	.2693E-01	0.9836	.2781E-01	.4255E-02	0.0014	.1245E-05	.4213E-0
35		*	0.00	0.000	0.000	0.3428	0.0545	.0000E+00	.2184E-01	0.9651	.2729E-01	.4193E-02	0.0014	.1278E-05	.4271E-0
36		*	0.00	0.000	0.000	0.3428	0.0000	.0000E+00	.0000E+00	0.9183	.2597E-01	.4035E-02	0.0014	.1348E-05	.4396E-0
37	*	*	0.00	0.000	0.000	0.3428	0.0000	.0000E+00	.0000E+00	0.8402	.2376E-01	.3767E-02	0.0015	.1474E-05	.4609E-0
38	*	*	0.10	0.000	0.038	0.3428	0.0000	.0000E+00	.0000E+00	0.7686	.2173E-01	.3517E-02	0.0016	.1609E-05	.6019E-0
39	*	*	0.00	0.000	0.048	0.3428	0.0000	.0000E+00	.0000E+00	0.7028	.1987E-01	.3283E-02	0.0017	.1770E-05	.5012E-0
40	*	*	0.38	0.000	0.030	0.3428	0.0000	.0000E+00	.0000E+00	0.6426	.1817E-01	.3064E-02	0.0017	.1858E-05	.5134E-0
41	*	*	0.00	0.000	0.038	0.3428	0.0000	.0000E+00	.0000E+00	0.5873	.1661E-01	.2860E-02	0.0017	.1927E-05	.5227E-0
42	*	*	0.00	0.000	0.035	0.3428	0.0000	.0000E+00	.0000E+00	0.5366	.1517E-01	.2668E-02	0.0018	.1977E-05	.5295E-0
43	*	*	0.39	0.000	0.000	0.3428	0.0000	.0000E+00	.0000E+00	0.4902	.1386E-01	.2489E-02	0.0018	.2012E-05	.5340E-0
44	*	*	0.41	0.000	0.027	0.3428	0.0000	.0000E+00	.0000E+00	0.4477	.1266E-01	.2322E-02	0.0018	.2031E-05	.5365E-0
45	*	*	0.59	0.000	0.025	0.3428	0.0000	.0000E+00	.0000E+00	0.4087	.1156E-01	.2165E-02	0.0009	.1019E-05	.4045E-0
46	*	*	0.00	0.000	0.029	0.3428	0.0000	.0000E+00	.0000E+00	0.3730	.1055E-01	.2019E-02	0.0018	.2021E-05	.5369E-0
47	*	*	0.00	0.000	0.035	0.3428	0.0000	.0000E+00	.0000E+00	0.3403	.9622E-02	.1882E-02	0.0018	.2010E-05	.5353E-0
48	*	*	0.21	0.000	0.000	0.3428	0.0000	.0000E+00	.0000E+00	0.3104	.8776E-02	.1754E-02	0.0018	.1990E-05	.5326E-0
49	*	*	0.57	0.000	0.000	0.3428	0.0000	.0000E+00	.0000E+00	0.2830	.8001E-02	.1635E-02	0.0017	.1964E-05	.5289E-0
50		*	0.00	0.189	0.000	0.3785	0.0000	.0000E+00	.0000E+00	0.2579	.7293E-02	.1523E-02	0.0017	.1931E-05	.5245E-0
51		*	0.00	0.542	0.000	0.4075	0.0000	.0000E+00	.0000E+00	0.2350	.6645E-02	.1418E-02	0.0017	.1894E-05	.5193E-0
52	*	*	0.00	0.000	0.040	0.4075	0.0000	.0000E+00	.0000E+00	0.2140	.6052E-02	.1321E-02	0.0017	.1853E-05	.5136E-0
53	*	*	0.00	0.000	0.038	0.4075	0.0000	.0000E+00	.0000E+00	0.1949	.5510E-02	.1229E-02	0.0017	.1795E-05	.6324E-0
54	*	*	0.00	0.000	0.036	0.4075	0.0000	.0000E+00	.0000E+00	0.1773	.5014E-02	.1144E-02	0.0017	.1758E-05	.4991E-0
55	*	*	0.00	0.000	0.034	0.4075	0.0000	.0000E+00	.0000E+00	0.1613	.4562E-02	.1064E-02	0.0016	.1710E-05	.4921E-0
56		*	0.00	0.065	0.030	0.4137	0.0000	.0000E+00	.0000E+00	0.1467	.4148E-02	.9899E-03	0.0016	.1660E-05	.4849E-0
57		*	0.00	0.469	0.000	0.4280	0.0000	.0000E+00	.0000E+00	0.1334	.3771E-02	.9205E-03	0.0016	.1610E-05	.4775E-0
58	*	*	0.00	0.000	0.039	0.4280	0.0000	.0000E+00	.0000E+00	0.1212	.3426E-02	.8556E-03	0.0016	.1559E-05	.4700E-0
59		*	0.00	0.217	0.047	0.4298	0.0000	.0000E+00	.0000E+00	0.1100	.3111E-02	.7951E-03	0.0008	.7545E-06	.3481E-0
60		*	0.00	0.000	0.078	0.4298	0.0000	.0000E+00	.0000E+00	0.0999	.2825E-02	.7386E-03	0.0015	.1467E-05	.5692E-0
61		*	0.00	0.000	0.000	0.4298	0.0000	.0000E+00	.0000E+00	0.0906	.2563E-02	.6858E-03	0.0015	.1411E-05	.4471E-0
62		*	0.09	0.047	0.004	0.4361	0.0000	.0000E+00	.0000E+00	0.0822	.2324E-02	.6367E-03	0.0015	.1363E-05	.4395E-0
63		*	0.64	0.589	0.004	0.4439	0.0000	.0000E+00	.0000E+00	0.0745	.2107E-02	.5908E-03	0.0014	.1316E-05	.4318E-0
64		*	0.00	0.000	0.000	0.4439	0.0000	.0000E+00	.0000E+00	0.0675	.1909E-02	.5480E-03	0.0014	.1270E-05	.4243E-0
65		*	0.00	0.000	0.000	0.4439	0.0000	.0000E+00	.0000E+00	0.0611	.1728E-02	.5081E-03	0.0014	.1225E-05	.4167E-0
66		*	0.16	0.127	0.004	0.4486	0.0000	.0000E+00	.0000E+00	0.0553	.1564E-02	.4710E-03	0.0014	.1182E-05	.4093E-0
67		*	0.00	0.000	0.000	0.4486	0.0000	.0000E+00	.0000E+00	0.0500	.1415E-02	.4363E-03	0.0013	.1140E-05	.4020E-0
68		*	0.32	0.289	0.004	0.4530	0.0000	.0000E+00	.0000E+00	0.0452	.1279E-02	.4041E-03	0.0007	.5568E-06	.2970E-0
69		*	0.00	0.000	0.000	0.4530	0.0000	.0000E+00	.0000E+00	0.0409	.1156E-02	.3740E-03	0.0013	.1067E-05	.3894E-0

70		0.06	0.004	0.088	0.4430	3.6756	.0000E+00	.2803E-01	0.0647	.1830E-02	.5262E-03	0.0012	.9712E-06	.3691E-0
71		0.01	0.000	0.088	0.4239	4.6013	.0000E+00	.3671E-01	0.1400	.3958E-02	.9527E-03	0.0011	.7728E-06	.3254E-0
72		0.00	0.000	0.119	0.3980	4.2102	.0000E+00	.3584E-01	0.2218	.6271E-02	.1356E-02	0.0010	.5702E-06	.2791E-0
73		0.05	0.000	0.091	0.3854	3.7885	.0000E+00	.3491E-01	0.2942	.8319E-02	.1683E-02	0.0008	.4249E-06	.2993E-0
74		0.10	0.000	0.102	0.3792	3.4912	.0000E+00	.3425E-01	0.3583	.1013E-01	.1958E-02	0.0007	.2933E-06	.2042E-0
75		0.00	0.000	0.100	0.3569	3.1909	.0000E+00	.3359E-01	0.4153	.1174E-01	.2192E-02	0.0006	.2307E-06	.1812E-0
76	*	0.00	0.000	0.091	0.3362	2.9375	.0000E+00	.3303E-01	0.4659	.1317E-01	.2394E-02	0.0003	.9276E-07	.1217E-0
77		0.00	0.000	0.094	0.3151	2.7162	.0000E+00	.3254E-01	0.5109	.1444E-01	.2569E-02	0.0005	.1653E-06	.1512E-0
78		0.00	0.000	0.100	0.2930	2.4746	.0000E+00	.3200E-01	0.5507	.1557E-01	.2722E-02	0.0005	.1385E-06	.1386E-0
79		0.00	0.000	0.121	0.2676	2.0772	.0000E+00	.3112E-01	0.5855	.1656E-01	.2853E-02	0.0004	.1193E-06	.1288E-0
80		0.00	0.000	0.122	0.2422	1.7602	.0000E+00	.3042E-01	0.6153	.1740E-01	.2964E-02	0.0004	.1062E-06	.1218E-0
81		0.00	0.000	0.150	0.2123	1.2801	.0000E+00	.2936E-01	0.6405	.1811E-01	.3057E-02	0.0004	.9776E-07	.1171E-0
82		0.00	0.000	0.114	0.1885	0.8753	.0000E+00	.2847E-01	0.6609	.1869E-01	.3132E-02	0.0004	.9327E-07	.1146E-0
83		0.00	0.000	0.107	0.1660	0.5524	.0000E+00	.2775E-01	0.6775	.1916E-01	.3192E-02	0.0004	.9191E-07	.1140E-0
84		0.00	0.000	0.147	0.1415	0.0424	.0000E+00	.1288E-03	0.6641	.1878E-01	.3143E-02	0.0004	.1029E-06	.1219E-0
85		0.52	0.000	0.087	0.2137	0.0000	.0000E+00	.0000E+00	0.6073	.1717E-01	.2934E-02	0.0005	.1416E-06	.1820E-0
86		0.00	0.000	0.130	0.1920	0.0000	.0000E+00	.0000E+00	0.5549	.1569E-01	.2738E-02	0.0006	.2113E-06	.1736E-0
87		0.00	0.000	0.097	0.1758	0.0000	.0000E+00	.0000E+00	0.5070	.1433E-01	.2554E-02	0.0006	.2651E-06	.1943E-0
88		0.00	0.000	0.079	0.1627	0.0000	.0000E+00	.0000E+00	0.4630	.1309E-01	.2383E-02	0.0007	.3181E-06	.2128E-0
89		0.76	0.002	0.066	0.2781	0.0000	.0000E+00	.0000E+00	0.4228	.1195E-01	.2222E-02	0.0008	.3690E-06	.2291E-0
90		0.00	0.000	0.115	0.2588	0.0000	.0000E+00	.0000E+00	0.3859	.1091E-01	.2072E-02	0.0004	.2084E-06	.1827E-0
91		0.00	0.000	0.122	0.2386	0.0000	.0000E+00	.0000E+00	0.3521	.9956E-02	.1932E-02	0.0008	.4440E-06	.2529E-0
92		0.18	0.000	0.124	0.2480	0.0000	.0000E+00	.0000E+00	0.3212	.9081E-02	.1801E-02	0.0009	.4842E-06	.3307E-0
93		0.08	0.000	0.155	0.2355	0.0000	.0000E+00	.0000E+00	0.2929	.8281E-02	.1678E-02	0.0009	.5373E-06	.2762E-0
94		0.00	0.000	0.214	0.1999	0.0000	.0000E+00	.0000E+00	0.2670	.7549E-02	.1563E-02	0.0009	.5689E-06	.2842E-0
95		0.37	0.000	0.150	0.2365	0.0000	.0000E+00	.0000E+00	0.2433	.6879E-02	.1456E-02	0.0010	.5962E-06	.2909E-0
96		0.00	0.000	0.170	0.2081	0.0000	.0000E+00	.0000E+00	0.2216	.6266E-02	.1356E-02	0.0010	.6193E-06	.2965E-0
97		0.00	0.000	0.111	0.1896	0.0000	.0000E+00	.0000E+00	0.2018	.5705E-02	.1262E-02	0.0010	.6385E-06	.3010E-0
98		0.00	0.000	0.150	0.1647	0.0000	.0000E+00	.0000E+00	0.1837	.5193E-02	.1175E-02	0.0010	.6539E-06	.3046E-0
99		0.00	0.000	0.145	0.1405	0.0000	.0000E+00	.0000E+00	0.1671	.4725E-02	.1093E-02	0.0010	.6658E-06	.3074E-0
100		0.01	0.000	0.043	0.1350	0.0000	.0000E+00	.0000E+00	0.1520	.4297E-02	.1017E-02	0.0010	.6745E-06	.3094E-0
101		0.09	0.000	0.012	0.1480	0.0000	.0000E+00	.0000E+00	0.1382	.3907E-02	.9457E-03	0.0010	.6802E-06	.3107E-0
102		0.06	0.000	0.026	0.1537	0.0000	.0000E+00	.0000E+00	0.1256	.3550E-02	.8792E-03	0.0010	.6833E-06	.3113E-0
103		0.00	0.000	0.030	0.1487	0.0000	.0000E+00	.0000E+00	0.1141	.3225E-02	.8171E-03	0.0010	.6839E-06	.3115E-0
104		0.00	0.000	0.028	0.1440	0.0000	.0000E+00	.0000E+00	0.1036	.2928E-02	.7591E-03	0.0010	.6824E-06	.3111E-0
105		0.00	0.000	0.027	0.1395	0.0000	.0000E+00	.0000E+00	0.0940	.2657E-02	.7050E-03	0.0010	.6790E-06	.3104E-0
106		0.00	0.000	0.021	0.1361	0.0000	.0000E+00	.0000E+00	0.0852	.2410E-02	.6545E-03	0.0005	.3404E-06	.2325E-0
107		0.00	0.000	0.005	0.1352	0.0000	.0000E+00	.0000E+00	0.0773	.2185E-02	.6074E-03	0.0010	.6665E-06	.3081E-0
108		0.01	0.000	0.007	0.1357	0.0000	.0000E+00	.0000E+00	0.0700	.1980E-02	.5635E-03	0.0010	.6558E-06	.3823E-0
109		0.55	0.000	0.025	0.2233	0.0000	.0000E+00	.0000E+00	0.0634	.1793E-02	.5226E-03	0.0010	.6507E-06	.3038E-0
110		0.00	0.000	0.024	0.2192	0.0000	.0000E+00	.0000E+00	0.0574	.1623E-02	.4845E-03	0.0010	.6409E-06	.3015E-0
111		0.00	0.000	0.026	0.2148	0.0000	.0000E+00	.0000E+00	0.0519	.1469E-02	.4489E-03	0.0010	.6304E-06	.2990E-0
112		0.00	0.000	0.025	0.2106	0.0000	.0000E+00	.0000E+00	0.0470	.1328E-02	.4158E-03	0.0010	.6192E-06	.2964E-0
113		0.00	0.000	0.025	0.2064	0.0000	.0000E+00	.0000E+00	0.0424	.1200E-02	.3849E-03	0.0010	.6075E-06	.2936E-0
114		0.00	0.000	0.025	0.2022	0.0000	.0000E+00	.0000E+00	0.0383	.1084E-02	.3562E-03	0.0010	.5954E-06	.2906E-0
115		0.00	0.000	0.025	0.1980	0.0000	.0000E+00	.0000E+00	0.0346	.9782E-03	.3295E-03	0.0010	.5830E-06	.2876E-0
116		0.00	0.000	0.024	0.1939	0.0000	.0000E+00	.0000E+00	0.0312	.8823E-03	.3046E-03	0.0009	.5703E-06	.2845E-0
117		0.00	0.000	0.024	0.1900	0.0000	.0000E+00	.0000E+00	0.0281	.7953E-03	.2815E-03	0.0009	.5576E-06	.2813E-0
118		0.14	0.000	0.027	0.2088	0.0000	.0000E+00	.0000E+00	0.0253	.7164E-03	.2600E-03	0.0005	.2750E-06	.2090E-0
119		0.00	0.000	0.023	0.2050	0.0000	.0000E+00	.0000E+00	0.0228	.6448E-03	.2400E-03	0.0009	.5340E-06	.2755E-0
120		0.00	0.000	0.023	0.2012	0.0000	.0000E+00	.0000E+00	0.0205	.5800E-03	.2214E-03	0.0009	.5213E-06	.2722E-0
121		0.00	0.000	0.023	0.1973	0.0000	.0000E+00	.0000E+00	0.0184	.5213E-03	.2041E-03	0.0009	.5086E-06	.2688E-0
122		0.00	0.000	0.022	0.1936	0.0000	.0000E+00	.0000E+00	0.0166	.4682E-03	.1881E-03	0.0009	.4960E-06	.2655E-0
123		0.00	0.000	0.022	0.1898	0.0000	.0000E+00	.0000E+00	0.0149	.4201E-03	.1733E-03	0.0009	.4835E-06	.2621E-0
124		0.00	0.000	0.022	0.1862	0.0000	.0000E+00	.0000E+00	0.0133	.3767E-03	.1595E-03	0.0009	.4712E-06	.2587E-0
125		0.00	0.000	0.023	0.1824	0.0000	.0000E+00	.0000E+00	0.0119	.3374E-03	.1467E-03	0.0008	.4570E-06	.3186E-0
126		0.00	0.000	0.024	0.1785	0.0000	.0000E+00	.0000E+00	0.0107	.3020E-03	.1348E-03	0.0008	.4447E-06	.2512E-0
127		0.00	0.000	0.023	0.1747	0.0000	.0000E+00	.0000E+00	0.0096	.2701E-03	.1238E-03	0.0004	.2165E-06	.1863E-0
128		0.04	0.000	0.027	0.1768	0.0000	.0000E+00	.0000E+00	0.0085	.2413E-03	.1136E-03	0.0008	.4239E-06	.2454E-0
129		0.03	0.000	0.027	0.1773	0.0000	.0000E+00	.0000E+00	0.0076	.2153E-03	.1042E-03	0.0008	.4127E-06	.2421E-0
130		0.00	0.000	0.024	0.1733	0.0000	.0000E+00	.0000E+00	0.0068	.1920E-03	.9551E-04	0.0008	.4017E-06	.2389E-0
131		0.00	0.000	0.023	0.1695	0.0000	.0000E+00	.0000E+00	0.0060	.1709E-03	.8746E-04	0.0008	.3910E-06	.2940E-0
132		0.00	0.000	0.024	0.1655	0.0000	.0000E+00	.0000E+00	0.0054	.1521E-03	.8002E-04	0.0008	.3782E-06	.2317E-0
133		0.00	0.000	0.026	0.1612	0.0000	.0000E+00	.0000E+00	0.0048	.1351E-03	.7314E-04	0.0008	.3681E-06	.2286E-0
134		0.00	0.000	0.024	0.1571	0.0000	.0000E+00	.0000E+00	0.0042	.1199E-03	.6680E-04	0.0007	.3582E-06	.2255E-0
135		0.17	0.000	0.028	0.1809	0.0000	.0000E+00	.0000E+00	0.0038	.1063E-03	.6095E-04	0.0007	.3486E-06	.2224E-0
136		0.05	0.000	0.030	0.1842	0.0000	.0000E+00	.0000E+00	0.0033	.9410E-04	.5556E-04	0.0004	.1696E-06	.1649E-0
137		0.00	0.000	0.028	0.1796	0.0000	.0000E+00	.0000E+00	0.0029	.8318E-04	.5059E-04	0.0007	.3322E-06	.2172E-0
138		0.00	0.000	0.024	0.1756	0.0000	.0000E+00	.0000E+00	0.0026	.7343E-04	.4601E-04	0.0007	.3233E-06	.2143E-0
139		0.00	0.000	0.026	0.1714	0.0000	.0000E+00	.0000E+00	0.0023	.6473E-04	.4181E-04	0.0007	.3147E-06	.2114E-0
140		0.00	0.000	0.026	0.1670	0.0000	.0000E+00	.0000E+00	0.0020	.5697E-04	.3794E-04	0.0007	.3064E-06	.2086E-0
141		0.51	0.000	0.031	0.2468	0.0000	.0000E+00	.0000E+00	0.0018	.5006E-04	.3439E-04	0.0007	.2983E-06	.2568E-0
142		0.00	0.000	0.206	0.2126	0.0000	.0000E+00	.0000E+00	0.0016	.4392E-04	.3113E-04	0.0007	.2886E-06	.2024E-0
143		0.00	0.000	0.203	0.1787	0.0000	.0000E+00	.0000E+00	0.0014	.3846E-04	.2815E-04	0.0007	.2810E-06	.1997E-0
144		0.00	0.000	0.202	0.1450	0.0000	.0000E+00	.0000E+00	0.0012	.3362E-04	.2542E-04	0.0003	.1368E-06	.1481E-0
145		0.00	0.000	0.048	0.1369	0.0000	.0000E+00	.0000E+00	0.0010	.2933E-04	.2292E-04	0.0006	.2682E-06	.1952E-0
146		0.39	0.000	0.052	0.1933	0.0000	.0000E+00	.0000E+00	0.0009	.2553E-04	.2067E-04	0.0006	.2612E-06	.1926E-0
147		0.03	0.000	0.054	0.1894	0.0000	.0000E+00	.0000E+00	0.0008	.2218E-04	.1849E-04	0.0006	.2545E-06	.1901E-0
148		0.19	0.000	0.060	0.2110	0.0000	.0000E+00	.0000E+00	0.0007	.1923E-04	.1661E-04	0.0006	.2480E-06	.1877E-0
149		0.01	0.000	0.063	0.2023	0.0000	.0000E+00	.0000E+00	0.0006	.1663E-04	.1488E-04	0.0006	.2417E-06	.1853E-0
150		0.03	0.000	0.059	0.1974	0.0000	.0000E+00	.0000E+00	0.0005	.1435E-04	.1330E-04	0.0006	.2356E-06	.1829E-0
151		0.00	0.000	0.060	0.1875	0.0000	.0000E+00	.0000E+00	0.0004	.1235E-04	.1187E-04	0.0006	.2296E-06	.1806E-0
152		0.00	0.000	0.060	0.1775	0.0000	.0000E+00	.0000E+00	0.0004	.1060E-04	.1057E-04	0.0006	.2239E-06	.1783E-0
153		0.15	0.000	0.063	0.1921	0.0000	.0000E+00	.0000E+00	0.0003	.9067E-05	.9388E-05	0.0006	.2183E-06	.1761E-0
154		0.00	0.000	0.067	0.1808	0.0000	.0000E+00	.0000E+00	0.0003	.7734E-05	.8321E-05	0.0006	.2129E-06	.1739E-0
155		0.00	0.000	0.070	0.1692	0.0000	.0000E+00	.0000E+00	0.0002	.6576E-05	.7356E-05	0.0006	.2071E-06	.2144E-0
156		0.00	0.000	0.064	0.1586	0.0000	.0000E+00	.0000E+00	0.0002	.5572E-05	.6487E-05	0.0006	.2015E-06	.1691E-0
157		0.09	0.000	0.078	0.1605	0.0000	.0000E+00	.0000E+00	0.0002	.4703E-05	.5704E-05	0.0006	.1966E-06	.1671E-0
158		0.00	0.000	0.083	0.1466	0.0000	.0000E+00	.0000E+00	0.0001	.3955E-05	.5001E-05	0.0005	.1919E-06	.1651E-0
159		0.00	0.000	0.061	0.1365	0.0000	.0000E+00	.0000E+00	0.0001	.3312E-05	.4370E-05	0.0005	.1873E-06	.1631E-0
160		0.00	0.000	0.008	0.1351	0.0000	.0000E+00	.0000E+00	0.0001	.2760E-05	.3806E-05	0.0005	.1829E-06	.1612E-0
161		1.35	0.110	0.086	0.3274	0.0000	.0000E+00	.0000E+00	0.0001	.2290E-05	.3303E-05	0.0005	.1786E-06	.1593E-0
162		0.00	0.000	0.324	0.2699	0.5082	.0000E+00	.2102E-01	0.0209	.5907E-03	.2070E-03	0.0002	.6664E-07	.1031E-0
163		0.00	0.000	0.292	0.2165	0.7872	.0000E+00	.2827E-01	0.0805	.2277E-02	.6234E-03	0.0004	.8721E-07	.1053E-0
164		0.00	0.000	0.277	0.1657	0.4977	.0000E+00	.2763E-01	0.1458	.4122E-02	.9840E-03	0.0003	.3756E-07	.6763E-0
165		0.00	0.000	0.184	0.1350	0.0293	.0000E+00	.0000E+00	0.1769	.5002E-02	.1142E-02	0.0002	.1724E-07	.4734E-0

166	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1609	.4550E-02	.1062E-02	0.0002	.1700E-07	.6327E-0
167	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1463	.4138E-02	.9880E-03	0.0002	.2552E-07	.6028E-0
168	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1330	.3761E-02	.9187E-03	0.0002	.3210E-07	.6759E-0
169	0.52	0.000	0.068	0.2104	0.0000	.0000E+00	.0000E+00	0.1209	.3417E-02	.8539E-03	0.0002	.3878E-07	.7428E-0
170	0.00	0.000	0.199	0.1772	0.0000	.0000E+00	.0000E+00	0.1098	.3103E-02	.7935E-03	0.0001	.2271E-07	.6029E-0
171	0.00	0.000	0.124	0.1566	0.0000	.0000E+00	.0000E+00	0.0996	.2817E-02	.7371E-03	0.0003	.4947E-07	.8456E-0
172	0.00	0.000	0.110	0.1382	0.0000	.0000E+00	.0000E+00	0.0904	.2556E-02	.6845E-03	0.0003	.5578E-07	.1125E-0
173	0.00	0.000	0.014	0.1358	0.0000	.0000E+00	.0000E+00	0.0820	.2318E-02	.6354E-03	0.0003	.6424E-07	.9557E-0
174	0.00	0.000	0.005	0.1350	0.0000	.0000E+00	.0000E+00	0.0743	.2101E-02	.5896E-03	0.0003	.6994E-07	.9971E-0
175	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0673	.1904E-02	.5469E-03	0.0003	.7527E-07	.1034E-0
176	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0610	.1724E-02	.5071E-03	0.0004	.8024E-07	.1068E-0
177	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0552	.1560E-02	.4700E-03	0.0004	.8481E-07	.1098E-0
178	0.30	0.000	0.060	0.1751	0.0000	.0000E+00	.0000E+00	0.0499	.1411E-02	.4354E-03	0.0002	.4450E-07	.8442E-0
179	0.03	0.000	0.085	0.1659	0.0000	.0000E+00	.0000E+00	0.0451	.1276E-02	.4032E-03	0.0004	.9120E-07	.1142E-0
180	0.00	0.000	0.111	0.1473	0.0000	.0000E+00	.0000E+00	0.0408	.1152E-02	.3733E-03	0.0004	.9474E-07	.1164E-0
181	0.45	0.000	0.109	0.2042	0.0000	.0000E+00	.0000E+00	0.0368	.1041E-02	.3453E-03	0.0004	.9790E-07	.1183E-0
182	0.00	0.000	0.244	0.1635	0.0000	.0000E+00	.0000E+00	0.0332	.9389E-03	.3194E-03	0.0004	.1007E-06	.1499E-0
183	0.00	0.000	0.140	0.1402	0.0000	.0000E+00	.0000E+00	0.0299	.8466E-03	.2952E-03	0.0004	.1043E-06	.1217E-0
184	0.41	0.000	0.119	0.1887	0.0000	.0000E+00	.0000E+00	0.0270	.7629E-03	.2727E-03	0.0002	.5313E-07	.9226E-0
185	0.52	0.000	0.153	0.2498	0.0000	.0000E+00	.0000E+00	0.0243	.6870E-03	.2518E-03	0.0004	.1071E-06	.1236E-0
186	0.50	0.000	0.181	0.3031	0.0000	.0000E+00	.0000E+00	0.0219	.6182E-03	.2324E-03	0.0004	.1086E-06	.1245E-0
187	0.00	0.000	0.222	0.2647	0.0074	.0000E+00	.8010E-02	0.0276	.7805E-03	.2766E-03	0.0004	.1032E-06	.1205E-0
188	0.07	0.000	0.228	0.2363	0.0064	.0000E+00	.1254E-01	0.0501	.1418E-02	.4359E-03	0.0004	.8308E-07	.1065E-0
189	1.03	0.044	0.172	0.3718	0.0019	.0000E+00	.3723E-03	0.0658	.1861E-02	.5374E-03	0.0003	.6438E-07	.9433E-0
190	0.00	0.000	0.285	0.3193	1.6966	.0000E+00	.3028E-01	0.0902	.2551E-02	.6803E-03	0.0003	.4805E-07	.8074E-0
191	0.00	0.000	0.281	0.2674	1.7310	.0000E+00	.3036E-01	0.1606	.4541E-02	.1059E-02	0.0002	.2126E-07	.4887E-0
192	0.00	0.000	0.250	0.2208	1.3572	.0000E+00	.2953E-01	0.2241	.6337E-02	.1367E-02	0.0001	.3775E-08	.1721E-0
193	0.00	0.000	0.252	0.1742	0.7725	.0000E+00	.2824E-01	0.2796	.7906E-02	.1619E-02	0.0000	.1895E-09	.2596E-0
194	0.00	0.000	0.228	0.1350	0.1225	.0000E+00	.6852E-02	0.3070	.8681E-02	.1740E-02	0.0000	.0000E+00	.0000E+0
195	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2909	.8227E-02	.1670E-02	0.0000	.0000E+00	.0000E+0
196	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2652	.7499E-02	.1555E-02	0.0000	.0000E+00	.0000E+0
197	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2417	.6833E-02	.1449E-02	0.0000	.8065E-09	.1080E-0
198	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2201	.6224E-02	.1349E-02	0.0001	.3451E-08	.2224E-0
199	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2004	.5667E-02	.1256E-02	0.0001	.7525E-08	.3279E-0
200	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1824	.5158E-02	.1169E-02	0.0001	.1266E-07	.4250E-0
201	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1660	.4693E-02	.1088E-02	0.0001	.9279E-08	.3850E-0
202	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1510	.4268E-02	.1012E-02	0.0002	.2257E-07	.5759E-0
203	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1372	.3880E-02	.9408E-03	0.0002	.2916E-07	.6527E-0
204	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1247	.3526E-02	.8746E-03	0.0002	.3593E-07	.7229E-0
205	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1133	.3203E-02	.8128E-03	0.0003	.4273E-07	.7871E-0
206	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1028	.2908E-02	.7551E-03	0.0003	.4944E-07	.1060E-0
207	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0933	.2639E-02	.7013E-03	0.0003	.5845E-07	.9116E-0
208	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0846	.2393E-02	.6510E-03	0.0003	.6464E-07	.9587E-0
209	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0767	.2170E-02	.6042E-03	0.0003	.7052E-07	.1001E-0
210	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0695	.1966E-02	.5605E-03	0.0003	.7603E-07	.1040E-0
211	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0630	.1781E-02	.5198E-03	0.0002	.4071E-07	.8062E-0
212	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0570	.1612E-02	.4818E-03	0.0004	.8399E-07	.1097E-0
213	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0516	.1458E-02	.4465E-03	0.0004	.8845E-07	.1126E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0466	.1318E-02	.4135E-03	0.0004	.9252E-07	.1151E-0
215	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0421	.1191E-02	.3828E-03	0.0004	.9619E-07	.1173E-0
216	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0381	.1076E-02	.3543E-03	0.0004	.9927E-07	.1491E-0
217	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0343	.9711E-03	.3277E-03	0.0004	.1036E-06	.1214E-0
218	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0310	.8758E-03	.3029E-03	0.0004	.1061E-06	.1228E-0
219	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0279	.7894E-03	.2799E-03	0.0004	.1082E-06	.1240E-0
220	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0251	.7110E-03	.2585E-03	0.0004	.1099E-06	.1250E-0
221	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0226	.6400E-03	.2386E-03	0.0004	.1114E-06	.1258E-0
222	1.11	0.048	0.101	0.2952	0.0000	.0000E+00	.0000E+00	0.0204	.5756E-03	.2201E-03	0.0002	.5630E-07	.9498E-0
223	0.07	0.000	0.124	0.2840	0.1286	.0000E+00	.1355E-01	0.0317	.8973E-03	.3060E-03	0.0004	.1019E-06	.1192E-0
224	3.98	2.485	0.162	0.5010	2.0204	.0000E+00	.3100E-01	0.0811	.2293E-02	.6260E-03	0.0003	.6602E-07	.9229E-0
225	0.07	0.053	0.169	0.4692	5.6803	.0000E+00	.3909E-01	0.1621	.4582E-02	.1066E-02	0.0002	.2414E-07	.5134E-0
226	0.00	0.000	0.240	0.4229	4.7841	.0000E+00	.3711E-01	0.2470	.6985E-02	.1472E-02	0.0001	.2955E-08	.1081E-0
227	0.00	0.000	0.258	0.3741	3.9411	.0000E+00	.3525E-01	0.3197	.9040E-02	.1794E-02	0.0000	.4804E-11	.4133E-0
228	0.00	0.000	0.228	0.3305	3.2235	.0000E+00	.3366E-01	0.3816	.1079E-01	.2055E-02	0.0000	.0000E+00	.0000E+0
229	0.00	0.000	0.223	0.2879	2.5813	.0000E+00	.3224E-01	0.4344	.1228E-01	.2269E-02	0.0000	.0000E+00	.0000E+0
230	0.00	0.000	0.221	0.2460	1.9199	.0000E+00	.3078E-01	0.4789	.1354E-01	.2445E-02	0.0000	.0000E+00	.0000E+0
231	0.00	0.000	0.223	0.2039	1.2737	.0000E+00	.2935E-01	0.5160	.1459E-01	.2589E-02	0.0000	.0000E+00	.0000E+0
232	0.00	0.000	0.228	0.1613	0.5514	.0000E+00	.2775E-01	0.5461	.1544E-01	.2704E-02	0.0000	.0000E+00	.0000E+0
233	1.40	0.129	0.153	0.3471	0.0102	.0000E+00	.2966E-02	0.5465	.1545E-01	.2706E-02	0.0000	.0000E+00	.0000E+0
234	0.09	0.000	0.214	0.3226	1.0170	.0000E+00	.2215E-01	0.5260	.1487E-01	.2628E-02	0.0000	.0000E+00	.0000E+0
235	0.00	0.000	0.191	0.2859	1.5780	.0000E+00	.3002E-01	0.5459	.1544E-01	.2704E-02	0.0000	.0000E+00	.0000E+0
236	0.00	0.000	0.201	0.2474	1.3723	.0000E+00	.2957E-01	0.5764	.1630E-01	.2819E-02	0.0000	.0000E+00	.0000E+0
237	0.50	0.000	0.139	0.3027	1.1685	.0000E+00	.2912E-01	0.6031	.1705E-01	.2919E-02	0.0000	.0000E+00	.0000E+0
238	0.00	0.000	0.189	0.2665	0.9784	.0000E+00	.2870E-01	0.6265	.1771E-01	.3006E-02	0.0000	.0000E+00	.0000E+0
239	0.00	0.000	0.254	0.2194	0.8095	.0000E+00	.2832E-01	0.6469	.1829E-01	.3080E-02	0.0000	.0000E+00	.0000E+0
240	0.00	0.000	0.205	0.1807	0.5862	.0000E+00	.2783E-01	0.6645	.1879E-01	.3145E-02	0.0000	.0000E+00	.0000E+0
241	0.00	0.000	0.187	0.1476	0.1449	.0000E+00	.1150E-01	0.6636	.1876E-01	.3141E-02	0.0000	.0000E+00	.0000E+0
242	0.06	0.000	0.109	0.1395	0.0000	.0000E+00	.0000E+00	0.6251	.1767E-01	.3000E-02	0.0000	.0000E+00	.0000E+0
243	0.49	0.000	0.092	0.2058	0.0000	.0000E+00	.0000E+00	0.5713	.1615E-01	.2800E-02	0.0000	.0000E+00	.0000E+0
244	0.24	0.000	0.134	0.2235	0.0000	.0000E+00	.0000E+00	0.5220	.1476E-01	.2612E-02	0.0000	.0000E+00	.0000E+0
245	0.00	0.000	0.149	0.1987	0.0000	.0000E+00	.0000E+00	0.4767	.1348E-01	.2437E-02	0.0000	.0000E+00	.0000E+0
246	0.00	0.000	0.149	0.1739	0.0000	.0000E+00	.0000E+00	0.4353	.1231E-01	.2273E-02	0.0000	.0000E+00	.0000E+0
247	0.00	0.000	0.168	0.1460	0.0000	.0000E+00	.0000E+00	0.3974	.1124E-01	.2119E-02	0.0000	.8771E-09	.1135E-0
248	0.00	0.000	0.058	0.1362	0.0000	.0000E+00	.0000E+00	0.3626	.1025E-01	.1976E-02	0.0001	.5724E-08	.2870E-0
249	0.00	0.000	0.007	0.1350	0.0000	.0000E+00	.0000E+00	0.3308	.9354E-02	.1842E-02	0.0001	.6783E-08	.3327E-0
250	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3017	.8531E-02	.1717E-02	0.0002	.2063E-07	.5567E-0
251	0.49	0.000	0.079	0.2035	0.0000	.0000E+00	.0000E+00	0.2750	.7777E-02	.1599E-02	0.0002	.3245E-07	.6936E-0
252	0.00	0.000	0.154	0.1780	0.0000	.0000E+00	.0000E+00	0.2507	.7088E-02	.1490E-02	0.0003	.4576E-07	.1032E-0
253	0.00	0.000	0.170	0.1496	0.0000	.0000E+00	.0000E+00	0.2284	.6457E-02	.1388E-02	0.0003	.6478E-07	.9604E-0
254	0.00	0.000	0.078	0.1367	0.0000	.0000E+00	.0000E+00	0.2080	.5880E-02	.1292E-02	0.0004	.7920E-07	.1062E-0
255	0.00	0.000	0.008	0.1353	0.0000	.0000E+00	.0000E+00	0.1893	.5353E-02	.1202E-02	0.0004	.9351E-07	.1153E-0
256	0.00	0.000	0.002	0.1350	0.0000	.0000E+00	.0000E+00	0.1723	.4871E-02	.1119E-02	0.0004	.1075E-06	.1236E-0
257	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1567	.4431E-02	.1041E-02	0.0004	.1209E-06	.1311E-0
258	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1425	.4029E-02	.9681E-03	0.0005	.1336E-06	.1378E-0
259	0.18	0.000	0.071	0.1532	0.0000	.0000E+00	.0000E+00	0.1295	.3662E-02	.9001E-03	0.0005	.1455E-06	.1438E-0
260	0.46	0.000	0.111	0.2114	0.0000	.0000E+00	.0000E+00	0.1176	.3326E-02	.8366E-03	0.0005	.1565E-06	.1491E-0
261	0.03	0.000	0.105	0.1989	0.0000	.0000E+00	.0000E+00	0.1068	.3021E-02	.7773E-03	0.0005	.1666E-06	.1539E-0

262		0.00	0.000	0.110	0.1806	0.0000	.0000E+00	.0000E+00	0.0970	.2742E-02	.7220E-03	0.0005	.1758E-06	.1581E-0
263		0.00	0.000	0.121	0.1603	0.0000	.0000E+00	.0000E+00	0.0880	.2487E-02	.6704E-03	0.0005	.1841E-06	.1617E-0
264		0.00	0.000	0.123	0.1398	0.0000	.0000E+00	.0000E+00	0.0798	.2255E-02	.6222E-03	0.0005	.1914E-06	.1649E-0
265		0.00	0.000	0.024	0.1358	0.0000	.0000E+00	.0000E+00	0.0723	.2044E-02	.5773E-03	0.0006	.1979E-06	.1676E-0
266		0.00	0.000	0.005	0.1350	0.0000	.0000E+00	.0000E+00	0.0655	.1852E-02	.5355E-03	0.0006	.2034E-06	.1700E-0
267		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0593	.1676E-02	.4964E-03	0.0006	.2082E-06	.1720E-0
268		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0536	.1517E-02	.4601E-03	0.0006	.2121E-06	.1736E-0
269		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0485	.1372E-02	.4262E-03	0.0006	.2154E-06	.1749E-0
270		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0439	.1240E-02	.3946E-03	0.0006	.2179E-06	.1759E-0
271		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0396	.1120E-02	.3652E-03	0.0003	.1099E-06	.1327E-0
272		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0358	.1011E-02	.3379E-03	0.0006	.2200E-06	.1771E-0
273		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0323	.9122E-03	.3124E-03	0.0006	.2210E-06	.1775E-0
274		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0291	.8224E-03	.2887E-03	0.0006	.2215E-06	.2219E-0
275		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0262	.7409E-03	.2667E-03	0.0006	.2221E-06	.1776E-0
276		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0236	.6671E-03	.2463E-03	0.0006	.2216E-06	.1774E-0
277		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0212	.6002E-03	.2272E-03	0.0003	.1103E-06	.1330E-0
278		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0191	.5395E-03	.2096E-03	0.0006	.2192E-06	.1766E-0
279		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0171	.4847E-03	.1931E-03	0.0006	.2177E-06	.1760E-0
280		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0154	.4350E-03	.1779E-03	0.0006	.2160E-06	.1753E-0
281		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0138	.3902E-03	.1638E-03	0.0006	.2141E-06	.1745E-0
282		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0124	.3496E-03	.1507E-03	0.0006	.2112E-06	.2168E-0
283		0.70	0.000	0.049	0.2435	0.0000	.0000E+00	.0000E+00	0.0111	.3130E-03	.1385E-03	0.0006	.2093E-06	.1724E-0
284		0.06	0.000	0.052	0.2449	0.0000	.0000E+00	.0000E+00	0.0099	.2800E-03	.1273E-03	0.0006	.2068E-06	.1714E-0
285		0.00	0.000	0.028	0.2402	0.0000	.0000E+00	.0000E+00	0.0088	.2502E-03	.1168E-03	0.0003	.1027E-06	.1279E-0
286		0.00	0.000	0.025	0.2360	0.0000	.0000E+00	.0000E+00	0.0079	.2234E-03	.1072E-03	0.0006	.2017E-06	.1694E-0
287		0.00	0.000	0.025	0.2319	0.0000	.0000E+00	.0000E+00	0.0070	.1992E-03	.9824E-04	0.0006	.1988E-06	.1681E-0
288		0.00	0.000	0.025	0.2278	0.0000	.0000E+00	.0000E+00	0.0063	.1775E-03	.8998E-04	0.0006	.1959E-06	.1669E-0
289		0.00	0.000	0.024	0.2238	0.0000	.0000E+00	.0000E+00	0.0056	.1579E-03	.8235E-04	0.0005	.1929E-06	.1656E-0
290		0.00	0.000	0.023	0.2200	0.0000	.0000E+00	.0000E+00	0.0050	.1404E-03	.7530E-04	0.0005	.1898E-06	.1643E-0
291		0.00	0.000	0.022	0.2164	0.0000	.0000E+00	.0000E+00	0.0044	.1246E-03	.6879E-04	0.0005	.1868E-06	.1629E-0
292		0.00	0.000	0.021	0.2129	0.0000	.0000E+00	.0000E+00	0.0039	.1105E-03	.6278E-04	0.0005	.1836E-06	.1616E-0
293		0.00	0.000	0.021	0.2094	0.0000	.0000E+00	.0000E+00	0.0035	.9787E-04	.5724E-04	0.0005	.1805E-06	.1602E-0
294		0.00	0.000	0.021	0.2059	0.0000	.0000E+00	.0000E+00	0.0031	.8656E-04	.5214E-04	0.0005	.1774E-06	.1588E-0
295		0.00	0.000	0.020	0.2026	0.0000	.0000E+00	.0000E+00	0.0027	.7645E-04	.4744E-04	0.0005	.1743E-06	.1574E-0
296		0.05	0.000	0.043	0.2039	0.0000	.0000E+00	.0000E+00	0.0024	.6742E-04	.4312E-04	0.0005	.1711E-06	.1560E-0
297		0.10	0.000	0.046	0.2128	0.0000	.0000E+00	.0000E+00	0.0021	.5937E-04	.3915E-04	0.0005	.1680E-06	.1545E-0
298		0.71	0.001	0.047	0.3230	0.0000	.0000E+00	.0000E+00	0.0018	.5220E-04	.3550E-04	0.0005	.1650E-06	.1911E-0
299		1.53	0.374	0.057	0.5010	2.1008	.0000E+00	.3118E-01	0.0325	.9196E-03	.2948E-03	0.0004	.1106E-06	.1254E-0
300		0.00	0.000	0.051	0.4859	5.8439	.0000E+00	.3945E-01	0.1185	.3350E-02	.8372E-03	0.0001	.1753E-07	.5298E-0
301		0.00	0.000	0.077	0.4666	5.4026	.0000E+00	.3848E-01	0.2092	.5914E-02	.1296E-02	0.0002	.1417E-07	.4315E-0
302		0.00	0.000	0.064	0.4497	4.9413	.0000E+00	.3746E-01	0.2894	.8184E-02	.1662E-02	0.0000	.0000E+00	.0000E+0
303		0.00	0.000	0.067	0.4325	4.5893	.0000E+00	.3668E-01	0.3605	.1019E-01	.1967E-02	0.0000	.0000E+00	.0000E+0
304		0.83	0.318	0.063	0.5010	5.1402	.0000E+00	.3790E-01	0.4255	.1203E-01	.2233E-02	0.0000	.0000E+00	.0000E+0
305		0.00	0.000	0.047	0.4866	5.8514	.0000E+00	.3947E-01	0.4885	.1381E-01	.2483E-02	0.0000	.0000E+00	.0000E+0
306		0.00	0.000	0.061	0.4700	5.4467	.0000E+00	.3857E-01	0.5480	.1549E-01	.2711E-02	0.0000	.0000E+00	.0000E+0
307		0.00	0.000	0.057	0.4542	5.0242	.0000E+00	.3764E-01	0.6000	.1697E-01	.2907E-02	0.0000	.0000E+00	.0000E+0
308		0.75	0.375	0.056	0.5010	5.4727	.0000E+00	.3863E-01	0.6473	.1830E-01	.3082E-02	0.0000	.0000E+00	.0000E+0
309		0.11	0.093	0.052	0.4887	5.8726	.0000E+00	.3952E-01	0.6930	.1960E-01	.3248E-02	0.0000	.0000E+00	.0000E+0
310		0.03	0.000	0.051	0.4787	5.5669	.0000E+00	.3884E-01	0.7358	.2080E-01	.3401E-02	0.0000	.0000E+00	.0000E+0
311	*	0.11	0.000	0.042	0.4756	5.3613	.0000E+00	.3839E-01	0.7734	.2187E-01	.3535E-02	0.0000	.0000E+00	.0000E+0
312		0.00	0.000	0.058	0.4676	5.2280	.0000E+00	.3809E-01	0.8069	.2282E-01	.3652E-02	0.0000	.0000E+00	.0000E+0
313		0.00	0.000	0.037	0.4552	4.9748	.0000E+00	.3753E-01	0.8366	.2366E-01	.3755E-02	0.0000	.0000E+00	.0000E+0
314		0.00	0.000	0.043	0.4418	4.6895	.0000E+00	.3690E-01	0.8623	.2438E-01	.3844E-02	0.0000	.0000E+00	.0000E+0
315		0.00	0.000	0.044	0.4284	4.4035	.0000E+00	.3627E-01	0.8843	.2500E-01	.3919E-02	0.0000	.0000E+00	.0000E+0
316		0.00	0.000	0.040	0.4159	4.1236	.0000E+00	.3565E-01	0.9028	.2553E-01	.3982E-02	0.0000	.0000E+00	.0000E+0
317		0.00	0.000	0.045	0.4025	3.8683	.0000E+00	.3508E-01	0.9182	.2596E-01	.4035E-02	0.0000	.0000E+00	.0000E+0
318		0.00	0.000	0.066	0.3859	3.6279	.0000E+00	.3455E-01	0.9309	.2632E-01	.4078E-02	0.0000	.0000E+00	.0000E+0
319		0.00	0.000	0.068	0.3689	3.3693	.0000E+00	.3398E-01	0.9412	.2661E-01	.4113E-02	0.0000	.0000E+00	.0000E+0
320		0.00	0.000	0.067	0.3521	3.1116	.0000E+00	.3341E-01	0.9491	.2684E-01	.4139E-02	0.0000	.0000E+00	.0000E+0
321		0.00	0.000	0.089	0.3318	2.8676	.0000E+00	.3287E-01	0.9549	.2700E-01	.4159E-02	0.0000	.0000E+00	.0000E+0
322		0.52	0.000	0.082	0.3993	2.6504	.0000E+00	.3239E-01	0.9589	.2711E-01	.4172E-02	0.0000	.0000E+00	.0000E+0
323		0.00	0.000	0.069	0.3823	3.0270	.0000E+00	.3322E-01	0.9626	.2722E-01	.4185E-02	0.0000	.0000E+00	.0000E+0
324		0.00	0.000	0.052	0.3681	2.8913	.0000E+00	.3292E-01	0.9670	.2734E-01	.4200E-02	0.0000	.0000E+00	.0000E+0
325		0.00	0.000	0.045	0.3552	2.6998	.0000E+00	.3250E-01	0.9702	.2743E-01	.4210E-02	0.0000	.0000E+00	.0000E+0
326		0.00	0.000	0.046	0.3421	2.5136	.0000E+00	.3209E-01	0.9720	.2748E-01	.4216E-02	0.0000	.0000E+00	.0000E+0
327		0.00	0.000	0.035	0.3310	2.3318	.0000E+00	.3169E-01	0.9727	.2750E-01	.4218E-02	0.0000	.0000E+00	.0000E+0
328		0.00	0.000	0.036	0.3198	2.1574	.0000E+00	.3130E-01	0.9722	.2749E-01	.4217E-02	0.0000	.0000E+00	.0000E+0
329		0.00	0.000	0.035	0.3087	1.9661	.0000E+00	.3088E-01	0.9707	.2745E-01	.4212E-02	0.0000	.0000E+00	.0000E+0
330		0.00	0.000	0.034	0.2979	1.8268	.0000E+00	.3057E-01	0.9684	.2738E-01	.4204E-02	0.0000	.0000E+00	.0000E+0
331	*	0.00	0.000	0.032	0.2876	1.6730	.0000E+00	.3023E-01	0.9654	.2730E-01	.4194E-02	0.0000	.0000E+00	.0000E+0
332		0.00	0.000	0.035	0.2768	1.5209	.0000E+00	.2989E-01	0.9618	.2719E-01	.4182E-02	0.0000	.0000E+00	.0000E+0
333		0.00	0.000	0.037	0.2658	1.3694	.0000E+00	.2956E-01	0.9576	.2708E-01	.4168E-02	0.0000	.0000E+00	.0000E+0
334		0.00	0.000	0.050	0.2527	1.2169	.0000E+00	.2922E-01	0.9529	.2694E-01	.4152E-02	0.0000	.0000E+00	.0000E+0
335		0.00	0.000	0.045	0.2404	1.0464	.0000E+00	.2885E-01	0.9476	.2679E-01	.4134E-02	0.0000	.0000E+00	.0000E+0
336		0.00	0.000	0.052	0.2270	0.9169	.0000E+00	.2856E-01	0.9419	.2663E-01	.4115E-02	0.0000	.0000E+00	.0000E+0
337		0.17	0.000	0.057	0.2411	0.7786	.0000E+00	.2825E-01	0.9359	.2646E-01	.4095E-02	0.0000	.0000E+00	.0000E+0
338		0.00	0.000	0.037	0.2302	0.6427	.0000E+00	.2795E-01	0.9296	.2629E-01	.4073E-02	0.0000	.3234E-10	.1905E-0
339		1.48	0.183	0.061	0.4317	0.5423	.0000E+00	.2773E-01	0.9231	.2610E-01	.4051E-02	0.0000	.1237E-08	.1377E-0
340		0.01	0.000	0.055	0.4183	4.0227	.0000E+00	.3543E-01	0.9245	.2614E-01	.4056E-02	0.0001	.4205E-08	.2496E-0
341		0.00	0.000	0.055	0.4032	4.0249	.0000E+00	.3543E-01	0.9381	.2652E-01	.4102E-02	0.0001	.7323E-08	.3238E-0
342		0.00	0.000	0.046	0.3897	3.8660	.0000E+00	.3508E-01	0.9503	.2687E-01	.4143E-02	0.0001	.1077E-07	.3932E-0
343		0.03	0.000	0.059	0.3791	3.6589	.0000E+00	.3462E-01	0.9604	.2716E-01	.4177E-02	0.0002	.1538E-07	.4704E-0
344	*	0.01	0.000	0.040	0.3684	3.4372	.0000E+00	.3413E-01	0.9685	.2738E-01	.4204E-02	0.0002	.2142E-07	.5555E-0
345	*	0.00	0.000	0.029	0.3578	3.2589	.0000E+00	.3374E-01	0.9747	.2756E-01	.4225E-02	0.0002	.2909E-07	.6475E-0
346	*	0.00	0.000	0.026	0.3479	3.0999	.0000E+00	.3339E-01	0.9794	.2769E-01	.4241E-02	0.0002	.3848E-07	.7447E-0
347	*	0.93	0.000	0.032	0.3457	2.9428	.0000E+00	.3304E-01	0.9829	.2779E-01	.4253E-02	0.0003	.4968E-07	.8459E-0
348	*	0.01	0.000	0.030	0.3435	2.7911	.0000E+00	.3270E-01	0.9851	.2785E-01	.4260E-02	0.0003	.6273E-07	.9504E-0
349		0.00	0.000	0.038	0.3414	2.6410	.0000E+00	.3237E-01	0.9863	.2789E-01	.4264E-02	0.0003	.7767E-07	.1057E-0
350		0.00	0.000	0.002	0.3885	2.4924	.0000E+00	.3204E-01	0.9866	.2790E-01	.4265E-02	0.0004	.9448E-07	.1474E-0
351		0.00	0.000	0.010	0.4245	3.1962	.0000E+00	.3360E-01	0.9878	.2793E-01	.4269E-02	0.0004	.1170E-06	.1296E-0
352	*	0.00	0.000	0.030	0.4219	3.9360	.0000E+00	.3523E-01	0.9931	.2808E-01	.4287E-02	0.0005	.1337E-06	.1386E-0
353	*	0.00	0.000	0.036	0.4194	3.8387	.0000E+00	.3502E-01	1.0003	.2828E-01	.4311E-02	0.0005	.1501E-06	.1467E-0
354	*	0.00	0.000	0.032	0.4169	3.7486	.0000E+00	.3482E-01	1.0064	.2846E-01	.4331E-02	0.0003	.8400E-07	.1154E-0
355	*	0.00	0.000	0.035	0.4133	3.6754	.0000E+00	.3466E-01	1.0116	.2860E-01	.4348E-02	0.0005	.1831E-06	.1618E-0
356	*	0.52	0.000	0.029	0.4108	3.6104	.0000E+00	.3451E-01	1.0159	.2872E-01	.4363E-02	0.0006	.2037E-06	.1707E-0
357	*	0.06	0.000	0.030	0.4084	3.5214	.0000E+00	.3432E-01	1.0194	.2882E-01	.4374E-02	0.0006	.2257E-06	.1796E-0

358	*	0.00	0.000	0.028	0.4060	3.4427	.0000E+00	.3414E-01	1.0221	.2890E-01	.4383E-02	0.0006	.2524E-06	.2374E-0
359	*	0.00	0.000	0.035	0.4036	3.3739	.0000E+00	.3399E-01	1.0242	.2896E-01	.4390E-02	0.0007	.2798E-06	.2001E-0
360	*	0.14	0.000	0.000	0.4012	3.3079	.0000E+00	.3385E-01	1.0257	.2900E-01	.4395E-02	0.0007	.3060E-06	.2092E-0
361		0.00	0.000	0.034	0.4048	3.2321	.0000E+00	.3368E-01	1.0267	.2903E-01	.4399E-02	0.0007	.3331E-06	.2182E-0
362		0.00	0.000	0.000	0.4672	3.9660	.0000E+00	.3530E-01	1.0290	.2910E-01	.4406E-02	0.0007	.3592E-06	.2266E-0
363		0.00	0.000	0.053	0.4522	4.9751	.0000E+00	.3753E-01	1.0359	.2929E-01	.4429E-02	0.0008	.3809E-06	.2333E-0
364		0.00	0.000	0.038	0.4397	4.7665	.0000E+00	.3707E-01	1.0454	.2956E-01	.4460E-02	0.0004	.1963E-06	.1785E-0
365	*	0.18	0.000	0.036	0.4368	4.5691	.0000E+00	.3663E-01	1.0529	.2977E-01	.4485E-02	0.0008	.4175E-06	.2439E-0
366		0.71	0.411	0.000	0.5010	5.2570	.0000E+00	.3816E-01	1.0606	.2999E-01	.4510E-02	0.0008	.4395E-06	.2502E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 16

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.85	2.96	2.71	1.49	1.45	2.89
	2.53	8.01	1.16	3.98	1.52	4.25
RUNOFF	0.869	1.565	1.059	0.000	0.000	0.110
	0.044	2.715	0.000	0.693	0.468	0.594
EVAPOTRANSPIRATION	0.963	0.651	2.350	1.738	1.569	2.788
	2.510	4.245	1.691	0.917	1.509	1.045
PERCOLATION/LEAKAGE THROUGH	1.0865	0.1034	0.4481	0.0000	0.0000	0.0769
LAYER 2	0.1462	0.5199	0.0000	0.2606	1.0213	1.0470
LATERAL DRAINAGE COLLECTED	0.9835	0.3806	0.3033	0.0944	0.0042	0.0518
FROM LAYER 3	0.1131	0.2998	0.1421	0.0610	0.7489	0.8687
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1460	0.0666	0.0562	0.0228	0.0021	0.0137
LAYER 4	0.0267	0.0547	0.0312	0.0137	0.1172	0.1327
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0822	0.1438	0.0787	0.0884	0.0679	0.0349
LAYER 7	0.0215	0.0137	0.0369	0.0424	0.0000	0.0383

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	3.852	0.033	1.215	0.000	0.000	0.061
TOP OF LAYER 2	0.184	1.089	0.000	1.093	3.397	3.275
STD. DEVIATION OF DAILY	1.517	0.100	1.587	0.000	0.000	0.187
HEAD ON TOP OF LAYER 2	0.493	1.521	0.000	2.136	1.507	1.180
AVERAGE DAILY HEAD ON	1.122	0.464	0.346	0.111	0.005	0.061
TOP OF LAYER 4	0.129	0.342	0.168	0.070	0.883	0.991
STD. DEVIATION OF DAILY	0.033	0.312	0.234	0.089	0.005	0.056
HEAD ON TOP OF LAYER 4	0.088	0.256	0.131	0.135	0.123	0.039
AVERAGE DAILY HEAD ON	0.001	0.002	0.001	0.001	0.001	0.000
TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 16

	INCHES	CU. FEET	PERCENT
PRECIPITATION	34.80	315809.969	100.00
RUNOFF	8.115	73647.914	23.32
EVAPOTRANSPIRATION	21.975	199418.703	63.15
PERC./LEAKAGE THROUGH LAYER 2	4.710022	42743.449	13.53
AVG. HEAD ON TOP OF LAYER 2	1.1833		
DRAINAGE COLLECTED FROM LAYER 3	4.0515	36767.105	11.64
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00

PERC./LEAKAGE THROUGH LAYER 4	0.683390	6201.764	1.96
AVG. HEAD ON TOP OF LAYER 4	0.3910		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	1.156	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.648697	5886.927	1.86
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	0.010	88.346	0.03
SOIL WATER AT START OF YEAR	285.929	2594805.250	
SOIL WATER AT END OF YEAR	285.939	2594893.500	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	-0.189	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 17

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.30	0.291	0.057	0.4864	5.8496	.0000E+00	.3947E-01	1.0714	.3029E-01	.4546E-02	0.0008	.4595E-06	.2557E-0
2			0.06	0.000	0.063	0.4794	5.5561	.0000E+00	.3882E-01	1.0828	.3062E-01	.4583E-02	0.0009	.4782E-06	.2609E-0
3			0.10	0.000	0.052	0.4810	5.4314	.0000E+00	.3854E-01	1.0920	.3088E-01	.4613E-02	0.0009	.4988E-06	.2665E-0
4			0.06	0.000	0.055	0.4753	5.4208	.0000E+00	.3852E-01	1.0999	.3110E-01	.4639E-02	0.0009	.5218E-06	.2726E-0
5			0.00	0.000	0.043	0.4618	5.1586	.0000E+00	.3794E-01	1.1065	.3129E-01	.4661E-02	0.0009	.5508E-06	.3501E-0
6	*		0.00	0.000	0.035	0.4498	4.8362	.0000E+00	.3722E-01	1.1110	.3141E-01	.4675E-02	0.0009	.5801E-06	.2878E-0
7	*		0.00	0.000	0.034	0.4380	4.5728	.0000E+00	.3664E-01	1.1134	.3148E-01	.4683E-02	0.0010	.6111E-06	.2953E-0
8			0.00	0.000	0.045	0.4245	4.3023	.0000E+00	.3604E-01	1.1140	.3150E-01	.4685E-02	0.0010	.6441E-06	.3032E-0
9			0.00	0.000	0.057	0.4091	4.0087	.0000E+00	.3540E-01	1.1130	.3147E-01	.4682E-02	0.0005	.3395E-06	.2327E-0
10			0.33	0.000	0.060	0.4482	3.8572	.0000E+00	.3506E-01	1.1107	.3141E-01	.4675E-02	0.0010	.7058E-06	.3174E-0
11	*		0.38	0.000	0.041	0.4453	4.5562	.0000E+00	.3661E-01	1.1096	.3137E-01	.4671E-02	0.0011	.7404E-06	.3250E-0
12	*		0.05	0.000	0.030	0.4426	4.4521	.0000E+00	.3638E-01	1.1108	.3141E-01	.4675E-02	0.0011	.7714E-06	.3316E-0
13	*		0.00	0.000	0.039	0.4398	4.3747	.0000E+00	.3620E-01	1.1114	.3143E-01	.4677E-02	0.0011	.8011E-06	.3379E-0
14	*		0.00	0.000	0.034	0.4371	4.2987	.0000E+00	.3604E-01	1.1115	.3143E-01	.4677E-02	0.0011	.8347E-06	.4312E-0
15	*		0.00	0.000	0.045	0.4344	4.2237	.0000E+00	.3587E-01	1.1112	.3142E-01	.4676E-02	0.0012	.8683E-06	.3518E-0
16	*		0.45	0.000	0.036	0.4317	4.1493	.0000E+00	.3571E-01	1.1104	.3140E-01	.4674E-02	0.0012	.8980E-06	.3577E-0
17	*		0.25	0.000	0.029	0.4291	4.0758	.0000E+00	.3554E-01	1.1093	.3137E-01	.4670E-02	0.0012	.9274E-06	.3635E-0
18	*		0.00	0.000	0.030	0.4265	4.0010	.0000E+00	.3538E-01	1.1079	.3133E-01	.4665E-02	0.0012	.9564E-06	.3691E-0
19	*		0.00	0.000	0.033	0.4239	3.9352	.0000E+00	.3523E-01	1.1061	.3128E-01	.4660E-02	0.0012	.9848E-06	.3745E-0
20			0.00	0.000	0.043	0.4213	3.8661	.0000E+00	.3508E-01	1.1041	.3122E-01	.4653E-02	0.0006	.5063E-06	.2844E-0
21	*		0.00	0.000	0.037	0.4188	3.7957	.0000E+00	.3492E-01	1.1019	.3116E-01	.4646E-02	0.0013	.1032E-05	.3835E-0
22	*		0.83	0.000	0.033	0.4163	3.7257	.0000E+00	.3477E-01	1.0995	.3109E-01	.4638E-02	0.0013	.1059E-05	.4862E-0
23	*		0.05	0.000	0.000	0.4138	3.6571	.0000E+00	.3462E-01	1.0968	.3101E-01	.4629E-02	0.0013	.1091E-05	.3942E-0
24	*		0.14	0.000	0.030	0.4113	3.5890	.0000E+00	.3447E-01	1.0940	.3093E-01	.4620E-02	0.0007	.5579E-06	.2986E-0
25	*	*	0.24	0.000	0.031	0.4063	1.5809	.0000E+00	.3003E-01	1.0868	.3073E-01	.4596E-02	0.0013	.1138E-05	.4027E-0
26	*	*	0.00	0.000	0.027	0.4016	0.8126	.0000E+00	.2833E-01	1.0713	.3029E-01	.4546E-02	0.0013	.1177E-05	.4099E-0
27	*	*	0.00	0.000	0.040	0.3969	0.6825	.0000E+00	.2804E-01	1.0541	.2980E-01	.4489E-02	0.0014	.1221E-05	.4175E-0
28	*	*	0.00	0.000	0.028	0.3923	0.5538	.0000E+00	.2776E-01	1.0375	.2934E-01	.4434E-02	0.0014	.1262E-05	.4244E-0
29	*	*	0.00	0.000	0.034	0.3877	0.4264	.0000E+00	.2747E-01	1.0216	.2889E-01	.4381E-02	0.0014	.1299E-05	.4305E-0
30		*	0.00	0.000	0.043	0.3832	0.3002	.0000E+00	.2720E-01	1.0062	.2845E-01	.4330E-02	0.0014	.1332E-05	.5451E-0
31	*	*	0.00	0.000	0.037	0.3787	0.1754	.0000E+00	.2692E-01	0.9914	.2803E-01	.4281E-02	0.0015	.1371E-05	.4415E-0
32	*	*	0.00	0.000	0.033	0.3752	0.0518	.0000E+00	.2126E-01	0.9717	.2748E-01	.4215E-02	0.0015	.1406E-05	.4470E-0
33	*	*	0.21	0.000	0.032	0.3752	0.0000	.0000E+00	.2776E-16	0.9234	.2611E-01	.4052E-02	0.0008	.7507E-06	.3462E-0
34		*	0.00	0.000	0.041	0.3790	0.0000	.0000E+00	.0000E+00	0.8449	.2389E-01	.3784E-02	0.0016	.1589E-05	.5988E-0
35	*	*	0.00	0.000	0.037	0.3790	0.0000	.0000E+00	.0000E+00	0.7729	.2185E-01	.3532E-02	0.0017	.1776E-05	.5021E-0
36		*	0.00	0.000	0.042	0.3790	0.0000	.0000E+00	.0000E+00	0.7068	.1998E-01	.3297E-02	0.0017	.1883E-05	.5168E-0
37		*	0.00	0.207	0.000	0.4139	0.0000	.0000E+00	.0000E+00	0.6462	.1827E-01	.3078E-02	0.0009	.9944E-06	.3973E-0
38		*	0.00	0.134	0.013	0.4310	0.0000	.0000E+00	.0000E+00	0.5906	.1670E-01	.2872E-02	0.0018	.1998E-05	.5348E-0
39		*	0.05	0.655	0.000	0.4471	0.0000	.0000E+00	.0000E+00	0.5397	.1526E-01	.2680E-02	0.0018	.2049E-05	.5414E-0
40		*	0.00	0.000	0.049	0.4471	0.0000	.0000E+00	.0000E+00	0.4930	.1394E-01	.2500E-02	0.0018	.2084E-05	.5457E-0
41		*	0.00	0.000	0.000	0.4471	0.0000	.0000E+00	.0000E+00	0.4502	.1273E-01	.2332E-02	0.0018	.2103E-05	.5480E-0
42		*	0.36	0.315	0.006	0.4536	0.0000	.0000E+00	.0000E+00	0.4110	.1162E-01	.2175E-02	0.0018	.2109E-05	.5486E-0
43		*	0.00	0.000	0.000	0.4536	0.0000	.0000E+00	.0000E+00	0.3751	.1061E-01	.2028E-02	0.0018	.2088E-05	.6831E-0
44		*	0.00	0.000	0.000	0.4536	0.0000	.0000E+00	.0000E+00	0.3422	.9677E-02	.1890E-02	0.0018	.2096E-05	.5449E-0
45		*	0.00	0.000	0.000	0.4536	0.0000	.0000E+00	.0000E+00	0.3122	.8826E-02	.1762E-02	0.0018	.2069E-05	.5413E-0

46	*	*	0.28	0.000	0.035	0.4536	0.0000	.0000E+00	.0000E+00	0.2846	.8048E-02	.1642E-02	0.0018	.2035E-05	.5369E-0
47		*	0.00	0.000	0.060	0.4536	0.0000	.0000E+00	.0000E+00	0.2594	.7335E-02	.1529E-02	0.0009	.9980E-06	.4004E-0
48	*	*	0.00	0.000	0.057	0.4536	0.0000	.0000E+00	.0000E+00	0.2364	.6683E-02	.1425E-02	0.0017	.1954E-05	.5274E-0
49	*	*	0.33	0.000	0.036	0.4536	0.0000	.0000E+00	.0000E+00	0.2153	.6087E-02	.1326E-02	0.0017	.1909E-05	.5212E-0
50	*	*	0.02	0.000	0.000	0.4536	0.0000	.0000E+00	.0000E+00	0.1960	.5542E-02	.1235E-02	0.0017	.1861E-05	.5146E-0
51	*	*	0.01	0.000	0.033	0.4536	0.0000	.0000E+00	.0000E+00	0.1784	.5044E-02	.1149E-02	0.0017	.1811E-05	.5076E-0
52	*	*	0.03	0.000	0.000	0.4536	0.0000	.0000E+00	.0000E+00	0.1623	.4589E-02	.1069E-02	0.0017	.1760E-05	.5003E-0
53	*	*	0.63	0.000	0.000	0.4536	0.0000	.0000E+00	.0000E+00	0.1476	.4173E-02	.9944E-03	0.0016	.1708E-05	.4928E-0
54	*	*	0.02	0.000	0.029	0.4536	0.0000	.0000E+00	.0000E+00	0.1342	.3793E-02	.9247E-03	0.0016	.1656E-05	.4852E-0
55	*	*	0.00	0.000	0.029	0.4536	0.0000	.0000E+00	.0000E+00	0.1219	.3447E-02	.8595E-03	0.0016	.1591E-05	.5950E-0
56		*	0.01	0.013	0.000	0.4569	0.0000	.0000E+00	.0000E+00	0.1107	.3130E-02	.7987E-03	0.0015	.1543E-05	.4676E-0
57		*	0.00	0.534	0.000	0.4618	0.0000	.0000E+00	.0000E+00	0.1005	.2842E-02	.7420E-03	0.0015	.1492E-05	.4597E-0
58		*	0.39	0.823	0.000	0.4653	0.0000	.0000E+00	.0000E+00	0.0912	.2578E-02	.6890E-03	0.0015	.1441E-05	.4518E-0
59		*	0.01	0.003	0.005	0.4649	0.0042	.0000E+00	.4917E-02	0.0876	.2476E-02	.6682E-03	0.0015	.1373E-05	.4412E-0
60		*	0.00	0.000	0.000	0.4648	0.0008	.0000E+00	.6549E-03	0.0880	.2487E-02	.6703E-03	0.0014	.1298E-05	.4288E-0
61		*	1.54	1.525	0.005	0.4648	0.0053	.0000E+00	.9263E-02	0.0900	.2545E-02	.6821E-03	0.0014	.1222E-05	.4162E-0
62	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0965	.2728E-02	.7193E-03	0.0013	.1139E-05	.4018E-0
63		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0875	.2475E-02	.6679E-03	0.0013	.1110E-05	.3967E-0
64		*	0.08	0.067	0.005	0.4648	0.0045	.0000E+00	.7767E-02	0.0871	.2462E-02	.6652E-03	0.0006	.5284E-06	.2913E-0
65		*	1.21	1.195	0.005	0.4648	0.0053	.0000E+00	.9283E-02	0.1006	.2845E-02	.7427E-03	0.0012	.9934E-06	.3743E-0
66		*	0.52	0.506	0.005	0.4648	0.0053	.0000E+00	.9141E-02	0.1153	.3260E-02	.8238E-03	0.0012	.9077E-06	.3577E-0
67		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1194	.3375E-02	.8458E-03	0.0011	.8468E-06	.3463E-0
68			0.00	0.000	0.115	0.4409	3.6878	.0000E+00	.2805E-01	0.1362	.3852E-02	.9342E-03	0.0011	.7818E-06	.3319E-0
69			0.00	0.000	0.102	0.4178	4.6335	.0000E+00	.3678E-01	0.2054	.5807E-02	.1278E-02	0.0010	.6421E-06	.3695E-0
70			0.00	0.000	0.077	0.3991	4.1916	.0000E+00	.3580E-01	0.2816	.7963E-02	.1628E-02	0.0008	.4388E-06	.2497E-0
71			0.72	0.038	0.076	0.4942	4.1975	.0000E+00	.3581E-01	0.3498	.9891E-02	.1922E-02	0.0007	.3365E-06	.2187E-0
72			0.41	0.245	0.084	0.5010	5.9583	.0000E+00	.3971E-01	0.4161	.1177E-01	.2195E-02	0.0006	.2575E-06	.1914E-0
73			0.00	0.000	0.100	0.4777	5.7628	.0000E+00	.3927E-01	0.4827	.1365E-01	.2460E-02	0.0005	.1945E-06	.1665E-0
74			0.12	0.000	0.085	0.4772	5.3488	.0000E+00	.3836E-01	0.5420	.1533E-01	.2689E-02	0.0005	.1502E-06	.1464E-0
75			0.00	0.000	0.102	0.4539	5.1071	.0000E+00	.3782E-01	0.5944	.1681E-01	.2887E-02	0.0004	.1193E-06	.1305E-0
76			0.04	0.000	0.082	0.4409	4.6364	.0000E+00	.3678E-01	0.6406	.1811E-01	.3057E-02	0.0004	.9792E-07	.1183E-0
77			0.09	0.000	0.086	0.4356	4.2826	.0000E+00	.3600E-01	0.6805	.1924E-01	.3203E-02	0.0004	.8373E-07	.1095E-0
78			0.00	0.000	0.098	0.4134	4.0189	.0000E+00	.3542E-01	0.7152	.2022E-01	.3328E-02	0.0002	.3726E-07	.7690E-0
79			0.00	0.000	0.128	0.3862	3.6770	.0000E+00	.3466E-01	0.7453	.2107E-01	.3435E-02	0.0003	.7225E-07	.1005E-0
80			0.51	0.000	0.084	0.4514	3.5701	.0000E+00	.3443E-01	0.7715	.2181E-01	.3528E-02	0.0003	.6998E-07	.1233E-0
81			0.10	0.000	0.103	0.4449	4.4913	.0000E+00	.3646E-01	0.7972	.2254E-01	.3618E-02	0.0003	.6488E-07	.9655E-0
82			0.16	0.000	0.149	0.4406	4.3050	.0000E+00	.3605E-01	0.8236	.2329E-01	.3710E-02	0.0003	.6361E-07	.9563E-0
83			2.21	1.678	0.132	0.5010	5.3738	.0000E+00	.3841E-01	0.8495	.2402E-01	.3800E-02	0.0003	.6323E-07	.9537E-0
84			0.00	0.000	0.148	0.4699	5.6872	.0000E+00	.3911E-01	0.8778	.2482E-01	.3897E-02	0.0003	.6247E-07	.9482E-0
85			0.03	0.000	0.128	0.4472	4.9972	.0000E+00	.3758E-01	0.9033	.2554E-01	.3984E-02	0.0003	.6363E-07	.9572E-0
86			0.01	0.000	0.157	0.4165	4.6131	.0000E+00	.3673E-01	0.9234	.2611E-01	.4052E-02	0.0003	.6787E-07	.9885E-0
87			0.25	0.000	0.124	0.4316	4.1528	.0000E+00	.3571E-01	0.9395	.2657E-01	.4107E-02	0.0003	.7461E-07	.1036E-0
88			0.40	0.003	0.131	0.4700	4.3753	.0000E+00	.3621E-01	0.9531	.2695E-01	.4153E-02	0.0004	.8323E-07	.1094E-0
89			0.14	0.000	0.123	0.4665	5.0582	.0000E+00	.3772E-01	0.9679	.2737E-01	.4203E-02	0.0004	.9196E-07	.1150E-0
90			0.00	0.000	0.146	0.4361	4.7978	.0000E+00	.3714E-01	0.9834	.2780E-01	.4254E-02	0.0002	.4826E-07	.8940E-0
91			0.00	0.000	0.127	0.4089	4.2854	.0000E+00	.3601E-01	0.9955	.2815E-01	.4295E-02	0.0004	.1107E-06	.1256E-0
92			0.00	0.000	0.153	0.3776	3.8222	.0000E+00	.3498E-01	1.0037	.2838E-01	.4322E-02	0.0004	.1246E-06	.1334E-0
93			0.00	0.000	0.178	0.3424	3.3559	.0000E+00	.3395E-01	1.0086	.2852E-01	.4338E-02	0.0005	.1416E-06	.1424E-0
94			0.00	0.000	0.184	0.3062	2.8702	.0000E+00	.3288E-01	1.0104	.2857E-01	.4344E-02	0.0005	.1617E-06	.1522E-0
95			0.00	0.000	0.156	0.2749	2.3489	.0000E+00	.3173E-01	1.0092	.2853E-01	.4340E-02	0.0005	.1850E-06	.1629E-0
96			0.12	0.000	0.094	0.2741	1.8816	.0000E+00	.3069E-01	1.0052	.2842E-01	.4327E-02	0.0006	.2116E-06	.1742E-0
97			0.00	0.000	0.169	0.2410	1.6487	.0000E+00	.3018E-01	0.9993	.2826E-01	.4307E-02	0.0006	.2408E-06	.1859E-0
98			0.55	0.000	0.106	0.3101	1.3375	.0000E+00	.2949E-01	0.9924	.2806E-01	.4284E-02	0.0006	.2721E-06	.1976E-0
99			0.00	0.000	0.137	0.2825	1.0649	.0000E+00	.2889E-01	0.9844	.2783E-01	.4258E-02	0.0007	.3051E-06	.2092E-0
100			0.00	0.000	0.138	0.2547	0.8779	.0000E+00	.2847E-01	0.9756	.2759E-01	.4228E-02	0.0007	.3394E-06	.2206E-0
101			0.00	0.000	0.135	0.2274	0.7333	.0000E+00	.2815E-01	0.9666	.2733E-01	.4198E-02	0.0008	.3745E-06	.2316E-0
102			0.00	0.000	0.139	0.1995	0.5903	.0000E+00	.2784E-01	0.9575	.2707E-01	.4167E-02	0.0008	.4098E-06	.3041E-0
103			0.23	0.000	0.124	0.2126	0.4827	.0000E+00	.2760E-01	0.9484	.2682E-01	.4137E-02	0.0008	.4551E-06	.2548E-0
104			0.00	0.000	0.181	0.1780	0.2762	.0000E+00	.2714E-01	0.9392	.2656E-01	.4106E-02	0.0009	.4901E-06	.2644E-0
105			0.00	0.000	0.127	0.1566	0.0155	.0000E+00	.1730E-02	0.9048	.2558E-01	.3989E-02	0.0005	.2759E-06	.2108E-0
106			0.00	0.000	0.079	0.1433	0.0000	.0000E+00	.0000E+00	0.8306	.2348E-01	.3734E-02	0.0010	.6357E-06	.3039E-0
107			0.00	0.000	0.049	0.1351	0.0000	.0000E+00	.0000E+00	0.7597	.2148E-01	.3486E-02	0.0011	.7563E-06	.3310E-0
108			0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.6947	.1964E-01	.3254E-02	0.0012	.8704E-06	.3546E-0
109			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6351	.1796E-01	.3037E-02	0.0012	.9742E-06	.3747E-0
110			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5805	.1641E-01	.2834E-02	0.0013	.1067E-05	.3917E-0
111			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5304	.1500E-01	.2644E-02	0.0013	.1147E-05	.4058E-0
112			0.42	0.000	0.019	0.2018	0.0000	.0000E+00	.0000E+00	0.4845	.1370E-01	.2467E-02	0.0014	.1215E-05	.5218E-0
113			0.00	0.000	0.028	0.1971	0.0000	.0000E+00	.0000E+00	0.4424	.1251E-01	.2301E-02	0.0014	.1296E-05	.4289E-0
114			0.00	0.000	0.027	0.1926	0.0000	.0000E+00	.0000E+00	0.4039	.1142E-01	.2146E-02	0.0014	.1338E-05	.4357E-0
115			0.07	0.000	0.033	0.1988	0.0000	.0000E+00	.0000E+00	0.3686	.1042E-01	.2001E-02	0.0015	.1369E-05	.4407E-0
116			0.00	0.000	0.027	0.1943	0.0000	.0000E+00	.0000E+00	0.3363	.9508E-02	.1865E-02	0.0015	.1391E-05	.4442E-0
117			0.26	0.000	0.032	0.2323	0.0000	.0000E+00	.0000E+00	0.3067	.8671E-02	.1738E-02	0.0007	.7109E-06	.3358E-0
118			0.25	0.000	0.163	0.2467	0.0000	.0000E+00	.0000E+00	0.2796	.7906E-02	.1620E-02	0.0015	.1400E-05	.4470E-0
119			0.00	0.000	0.224	0.2094	0.0000	.0000E+00	.0000E+00	0.2548	.7205E-02	.1509E-02	0.0015	.1401E-05	.4471E-0
120			0.00	0.000	0.157	0.1833	0.0000	.0000E+00	.0000E+00	0.2322	.6565E-02	.1405E-02	0.0015	.1397E-05	.5567E-0
121			0.30	0.000	0.085	0.2190	0.0000	.0000E+00	.0000E+00	0.2114	.5979E-02	.1308E-02	0.0015	.1391E-05	.4441E-0
122			0.00	0.000	0.063	0.2085	0.0000	.0000E+00	.0000E+00	0.1925	.5443E-02	.1218E-02	0.0015	.1375E-05	.4415E-0
123			0.00	0.000	0.054	0.1996	0.0000	.0000E+00	.0000E+00	0.1752	.4953E-02	.1133E-02	0.0015	.1355E-05	.4383E-0
124			0.00	0.000	0.049	0.1914	0.0000	.0000E+00	.0000E+00	0.1594	.4506E-02	.1054E-02	0.0007	.6752E-06	.3271E-0
125			0.27	0.000	0.048	0.2284	0.0000	.0000E+00	.0000E+00	0.1449	.4097E-02	.9807E-03	0.0014	.1308E-05	.4315E-0
126			0.00	0.000	0.041	0.2215	0.0000	.0000E+00	.0000E+00	0.1317	.3724E-02	.9118E-03	0.0014	.1282E-05	.4271E-0
127			0.30	0.000	0.043	0.2644	0.0000	.0000E+00	.0000E+00	0.1197	.3384E-02	.8475E-03	0.0014	.1254E-05	.5267E-0
128			0.00	0.000	0.163	0.2373	0.0000	.0000E+00	.0000E+00	0.1087	.3073E-02	.7875E-03	0.0014	.1222E-05	.4161E-0
129			0.00	0.000	0.209	0.2025	0.0000	.0000E+00	.0000E+00	0.0986	.2789E-02	.7315E-03	0.0014	.1191E-05	.4109E-0
130			0.33	0.000	0.180	0.2275	0.0000	.0000E+00	.0000E+00	0.0895	.2531E-02	.6793E-03	0.0013	.1160E-05	.4054E-0
131			0.00	0.000	0.087	0.2130	0.0000	.0000E+00	.0000E+00	0.0812	.2295E-02	.6305E-03	0.0013	.1128E-05	.3999E-0
132			0.00	0.000	0.068	0.2017	0.0000	.0000E+00	.0000E+00	0.0736	.2080E-02	.5851E-03	0.0013	.1096E-05	.3942E-0
133			0.00	0.000	0.059	0.1919	0.0000	.0000E+00	.0000E+00	0.0666	.1884E-02	.5427E-03	0.0006	.5322E-06	.2923E-0
134			0.00	0.000	0.054	0.1830	0.0000	.0000E+00	.0000E+00	0.0603	.1706E-02	.5032E-03	0.0013	.1038E-05	.3841E-0
135			0.00	0.000	0.049	0.1748	0.0000	.0000E+00	.0000E+00	0.0546	.1544E-02	.4663E-03	0.0012	.1007E-05	.3783E-0
136			0.00	0.000	0.046	0.1672	0.0000	.0000E+00	.0000E+00	0.0494	.1397E-02	.4320E-03	0.0012	.9704E-06	.4644E-0
137			0.61	0.000	0.047	0.2610	0.0000	.0000E+00	.0000E+00	0.0446	.1262E-02	.4001E-03	0.0012	.9409E-06	.3652E-0
138			0.00	0.000	0.234	0.2221	0.0000	.0000E+00	.0000E+00	0.0403	.1140E-02	.3703E-03	0.0012	.9113E-06	.3595E-0
139			0.00	0.000	0.043	0.2148	0.0000	.0000E+00	.0000E+00	0.0364	.1030E-02	.3426E-03	0.0012	.8824E-06	.3537E-0
140			0.30	0.000	0.045	0.2574	0.0000	.0000E+00	.0000E+00	0.0329	.9290E-03	.3168E-03	0.0012	.8541E-06	.3480E-0
141			0.00	0.000	0.196	0.2247	0.0000	.0000E+00	.0000E+00	0.0296	.8377E-03	.2928E-03	0.0011	.8266E-06	.3424E-0

142	0.00	0.000	0.257	0.1819	0.0000	.0000E+00	.0000E+00	0.0267	.7548E-03	.2705E-03	0.0011	.7999E-06	.3368E-0
143	0.28	0.000	0.180	0.1986	0.0000	.0000E+00	.0000E+00	0.0240	.6797E-03	.2498E-03	0.0011	.7739E-06	.3313E-0
144	0.00	0.000	0.094	0.1830	0.0000	.0000E+00	.0000E+00	0.0216	.6115E-03	.2305E-03	0.0011	.7486E-06	.3258E-0
145	0.00	0.000	0.075	0.1706	0.0000	.0000E+00	.0000E+00	0.0194	.5499E-03	.2126E-03	0.0011	.7242E-06	.3205E-0
146	0.53	0.000	0.068	0.2475	0.0000	.0000E+00	.0000E+00	0.0175	.4940E-03	.1960E-03	0.0005	.3541E-06	.2371E-0
147	0.00	0.000	0.227	0.2097	0.0000	.0000E+00	.0000E+00	0.0157	.4435E-03	.1805E-03	0.0010	.6824E-06	.3113E-0
148	0.00	0.000	0.068	0.1984	0.0000	.0000E+00	.0000E+00	0.0141	.3978E-03	.1662E-03	0.0010	.6602E-06	.3062E-0
149	0.00	0.000	0.065	0.1877	0.0000	.0000E+00	.0000E+00	0.0126	.3565E-03	.1529E-03	0.0010	.6387E-06	.3012E-0
150	0.00	0.000	0.064	0.1770	0.0000	.0000E+00	.0000E+00	0.0113	.3192E-03	.1406E-03	0.0010	.6179E-06	.2962E-0
151	0.00	0.000	0.057	0.1675	0.0000	.0000E+00	.0000E+00	0.0101	.2856E-03	.1292E-03	0.0010	.5949E-06	.3634E-0
152	0.00	0.000	0.055	0.1584	0.0000	.0000E+00	.0000E+00	0.0090	.2553E-03	.1186E-03	0.0009	.5744E-06	.2855E-0
153	0.49	0.000	0.064	0.2294	0.0000	.0000E+00	.0000E+00	0.0081	.2279E-03	.1088E-03	0.0009	.5558E-06	.2808E-0
154	0.00	0.000	0.289	0.1813	0.0000	.0000E+00	.0000E+00	0.0072	.2033E-03	.9978E-04	0.0009	.5380E-06	.2763E-0
155	0.40	0.000	0.058	0.2384	0.0000	.0000E+00	.0000E+00	0.0064	.1811E-03	.9140E-04	0.0009	.5207E-06	.2718E-0
156	0.00	0.000	0.268	0.1937	0.0000	.0000E+00	.0000E+00	0.0057	.1612E-03	.8366E-04	0.0009	.5042E-06	.2675E-0
157	0.62	0.000	0.179	0.2672	0.0000	.0000E+00	.0000E+00	0.0051	.1434E-03	.7651E-04	0.0009	.4882E-06	.2632E-0
158	0.00	0.000	0.278	0.2209	0.0000	.0000E+00	.0000E+00	0.0045	.1273E-03	.6990E-04	0.0009	.4728E-06	.2590E-0
159	0.00	0.000	0.246	0.1799	0.0000	.0000E+00	.0000E+00	0.0040	.1129E-03	.6381E-04	0.0008	.4580E-06	.2549E-0
160	0.21	0.000	0.217	0.1788	0.0000	.0000E+00	.0000E+00	0.0035	.1000E-03	.5819E-04	0.0008	.4437E-06	.2509E-0
161	0.00	0.000	0.214	0.1431	0.0000	.0000E+00	.0000E+00	0.0031	.8847E-04	.5302E-04	0.0008	.4300E-06	.2470E-0
162	0.00	0.000	0.042	0.1361	0.0000	.0000E+00	.0000E+00	0.0028	.7816E-04	.4825E-04	0.0004	.2084E-06	.1828E-0
163	0.00	0.000	0.005	0.1352	0.0000	.0000E+00	.0000E+00	0.0024	.6895E-04	.4386E-04	0.0008	.4069E-06	.2404E-0
164	0.29	0.000	0.049	0.1755	0.0000	.0000E+00	.0000E+00	0.0021	.6073E-04	.3983E-04	0.0008	.3946E-06	.2367E-0
165	0.06	0.000	0.068	0.1742	0.0000	.0000E+00	.0000E+00	0.0019	.5341E-04	.3613E-04	0.0008	.3827E-06	.2331E-0
166	1.05	0.052	0.087	0.3260	0.0000	.0000E+00	.0000E+00	0.0017	.4689E-04	.3273E-04	0.0008	.3697E-06	.2864E-0
167	0.08	0.000	0.260	0.2926	0.4593	.0000E+00	.2091E-01	0.0222	.6271E-03	.2211E-03	0.0007	.3003E-06	.2065E-0
168	0.00	0.000	0.260	0.2446	0.7184	.0000E+00	.2812E-01	0.0814	.2300E-02	.6285E-03	0.0005	.1879E-06	.1634E-0
169	0.05	0.000	0.289	0.2001	0.5925	.0000E+00	.2784E-01	0.1465	.4143E-02	.9878E-03	0.0002	.5631E-07	.9486E-0
170	0.00	0.000	0.294	0.1488	0.2401	.0000E+00	.1374E-01	0.1915	.5416E-02	.1213E-02	0.0004	.8889E-07	.1094E-0
171	0.00	0.000	0.081	0.1354	0.0000	.0000E+00	.0000E+00	0.1964	.5553E-02	.1237E-02	0.0003	.7395E-07	.1023E-0
172	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.1787	.5053E-02	.1151E-02	0.0004	.8104E-07	.1084E-0
173	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1626	.4597E-02	.1071E-02	0.0004	.9391E-07	.1462E-0
174	0.02	0.000	0.017	0.1355	0.0000	.0000E+00	.0000E+00	0.1479	.4181E-02	.9959E-03	0.0004	.1111E-06	.1257E-0
175	0.00	0.000	0.002	0.1352	0.0000	.0000E+00	.0000E+00	0.1344	.3800E-02	.9260E-03	0.0004	.1229E-06	.1321E-0
176	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.1221	.3453E-02	.8608E-03	0.0002	.6713E-07	.1035E-0
177	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1109	.3136E-02	.7999E-03	0.0005	.1400E-06	.1418E-0
178	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1007	.2847E-02	.7431E-03	0.0005	.1493E-06	.1833E-0
179	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0914	.2583E-02	.6900E-03	0.0005	.1620E-06	.1517E-0
180	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0829	.2343E-02	.6406E-03	0.0005	.1697E-06	.1553E-0
181	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0751	.2124E-02	.5944E-03	0.0005	.1765E-06	.1584E-0
182	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0681	.1924E-02	.5514E-03	0.0005	.1825E-06	.1610E-0
183	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0616	.1743E-02	.5113E-03	0.0003	.9441E-07	.1227E-0
184	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0558	.1577E-02	.4739E-03	0.0005	.1901E-06	.1648E-0
185	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0505	.1427E-02	.4391E-03	0.0005	.1941E-06	.1665E-0
186	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0456	.1290E-02	.4066E-03	0.0006	.1975E-06	.1679E-0
187	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0412	.1165E-02	.3764E-03	0.0006	.2002E-06	.1690E-0
188	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0372	.1052E-02	.3483E-03	0.0006	.2023E-06	.1698E-0
189	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0336	.9495E-03	.3221E-03	0.0006	.2038E-06	.1705E-0
190	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0303	.8563E-03	.2978E-03	0.0006	.2049E-06	.1709E-0
191	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0273	.7717E-03	.2751E-03	0.0006	.2054E-06	.1711E-0
192	0.05	0.000	0.016	0.1407	0.0000	.0000E+00	.0000E+00	0.0246	.6950E-03	.2540E-03	0.0006	.2056E-06	.1711E-0
193	0.14	0.000	0.044	0.1566	0.0000	.0000E+00	.0000E+00	0.0221	.6254E-03	.2345E-03	0.0006	.2053E-06	.1710E-0
194	1.00	0.037	0.079	0.3039	0.0000	.0000E+00	.0000E+00	0.0199	.5624E-03	.2163E-03	0.0006	.2047E-06	.1707E-0
195	0.00	0.000	0.102	0.2835	0.1308	.0000E+00	.2019E-01	0.0379	.1072E-02	.3483E-03	0.0005	.1825E-06	.1593E-0
196	0.00	0.000	0.115	0.2599	0.2950	.0000E+00	.2718E-01	0.0935	.2645E-02	.7002E-03	0.0005	.1247E-06	.1282E-0
197	0.00	0.000	0.117	0.2359	0.2146	.0000E+00	.2701E-01	0.1553	.4391E-02	.1033E-02	0.0003	.6854E-07	.9397E-0
198	0.56	0.000	0.135	0.3028	0.0725	.0000E+00	.2321E-01	0.2076	.5871E-02	.1290E-02	0.0002	.3489E-07	.6679E-0
199	0.00	0.000	0.269	0.2558	0.0653	.0000E+00	.1341E-01	0.2396	.6775E-02	.1439E-02	0.0002	.1916E-07	.5021E-0
200	0.00	0.000	0.327	0.1968	0.1176	.0000E+00	.2679E-01	0.2664	.7533E-02	.1561E-02	0.0001	.1148E-07	.3884E-0
201	0.00	0.000	0.241	0.1555	0.0044	.0000E+00	.6642E-02	0.2924	.8269E-02	.1676E-02	0.0001	.6511E-08	.2893E-0
202	0.40	0.000	0.192	0.1902	0.0000	.0000E+00	.0000E+00	0.2772	.7839E-02	.1609E-02	0.0001	.7284E-08	.4200E-0
203	0.00	0.000	0.224	0.1528	0.0000	.0000E+00	.0000E+00	0.2527	.7144E-02	.1499E-02	0.0002	.1603E-07	.4784E-0
204	0.06	0.000	0.110	0.1445	0.0000	.0000E+00	.0000E+00	0.2302	.6509E-02	.1396E-02	0.0002	.2480E-07	.5947E-0
205	0.00	0.000	0.043	0.1374	0.0000	.0000E+00	.0000E+00	0.2096	.5928E-02	.1300E-02	0.0001	.1715E-07	.5251E-0
206	0.19	0.000	0.084	0.1551	0.0000	.0000E+00	.0000E+00	0.1908	.5396E-02	.1210E-02	0.0002	.4098E-07	.7745E-0
207	0.00	0.000	0.058	0.1454	0.0000	.0000E+00	.0000E+00	0.1737	.4911E-02	.1126E-02	0.0003	.5141E-07	.8654E-0
208	0.00	0.000	0.049	0.1373	0.0000	.0000E+00	.0000E+00	0.1580	.4467E-02	.1047E-02	0.0003	.6194E-07	.1190E-0
209	0.00	0.000	0.010	0.1356	0.0000	.0000E+00	.0000E+00	0.1437	.4062E-02	.9742E-03	0.0003	.7627E-07	.1042E-0
210	0.00	0.000	0.003	0.1351	0.0000	.0000E+00	.0000E+00	0.1306	.3692E-02	.9057E-03	0.0002	.4322E-07	.8313E-0
211	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1186	.3354E-02	.8419E-03	0.0004	.9226E-07	.1445E-0
212	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1077	.3046E-02	.7822E-03	0.0004	.1050E-06	.1222E-0
213	0.23	0.000	0.069	0.1619	0.0000	.0000E+00	.0000E+00	0.0978	.2765E-02	.7266E-03	0.0002	.5694E-07	.9534E-0
214	0.00	0.000	0.067	0.1508	0.0000	.0000E+00	.0000E+00	0.0887	.2508E-02	.6747E-03	0.0004	.1183E-06	.1303E-0
215	0.00	0.000	0.073	0.1387	0.0000	.0000E+00	.0000E+00	0.0804	.2274E-02	.6262E-03	0.0004	.1257E-06	.1342E-0
216	0.00	0.000	0.017	0.1359	0.0000	.0000E+00	.0000E+00	0.0729	.2061E-02	.5811E-03	0.0005	.1325E-06	.1377E-0
217	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0660	.1867E-02	.5389E-03	0.0005	.1386E-06	.1408E-0
218	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0598	.1691E-02	.4997E-03	0.0005	.1441E-06	.1436E-0
219	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0541	.1530E-02	.4631E-03	0.0005	.1489E-06	.1459E-0
220	0.88	0.011	0.137	0.2571	0.0000	.0000E+00	.0000E+00	0.0489	.1384E-02	.4290E-03	0.0005	.1532E-06	.1479E-0
221	0.00	0.000	0.239	0.2172	0.0000	.0000E+00	.0000E+00	0.0442	.1251E-02	.3972E-03	0.0005	.1568E-06	.1496E-0
222	0.00	0.000	0.256	0.1745	0.0000	.0000E+00	.0000E+00	0.0400	.1130E-02	.3677E-03	0.0005	.1599E-06	.1511E-0
223	0.30	0.000	0.183	0.1939	0.0000	.0000E+00	.0000E+00	0.0361	.1020E-02	.3402E-03	0.0005	.1625E-06	.1523E-0
224	0.00	0.000	0.236	0.1546	0.0000	.0000E+00	.0000E+00	0.0325	.9203E-03	.3145E-03	0.0005	.1642E-06	.1914E-0
225	1.01	0.029	0.146	0.2938	0.0000	.0000E+00	.0000E+00	0.0293	.8297E-03	.2907E-03	0.0005	.1673E-06	.1541E-0
226	0.00	0.000	0.216	0.2555	0.0491	.0000E+00	.1337E-01	0.0397	.1123E-02	.3642E-03	0.0005	.1484E-06	.1452E-0
227	2.54	0.876	0.162	0.5010	1.1331	.0000E+00	.2904E-01	0.0861	.2435E-02	.6564E-03	0.0004	.9292E-07	.1149E-0
228	0.00	0.000	0.187	0.4633	5.6224	.0000E+00	.3896E-01	0.1634	.4619E-02	.1072E-02	0.0002	.3768E-07	.7324E-0
229	0.00	0.000	0.253	0.4150	4.6842	.0000E+00	.3689E-01	0.2478	.7007E-02	.1476E-02	0.0001	.8023E-08	.3388E-0
230	1.72	0.970	0.196	0.5010	5.0260	.0000E+00	.3764E-01	0.3224	.9117E-02	.1806E-02	0.0000	.5562E-10	.2902E-0
231	0.11	0.091	0.173	0.4688	5.6767	.0000E+00	.3908E-01	0.3934	.1112E-01	.2103E-02	0.0000	.0000E+00	.0000E+0
232	0.02	0.000	0.253	0.4238	4.8888	.0000E+00	.3734E-01	0.4589	.1298E-01	.2366E-02	0.0000	.0000E+00	.0000E+0
233	0.00	0.000	0.263	0.3741	4.0162	.0000E+00	.3541E-01	0.5142	.1454E-01	.2582E-02	0.0000	.0000E+00	.0000E+0
234	0.00	0.000	0.231	0.3300	3.2190	.0000E+00	.3365E-01	0.5601	.1584E-01	.2758E-02	0.0000	.0000E+00	.0000E+0
235	0.00	0.000	0.197	0.2918	2.6207	.0000E+00	.3233E-01	0.5980	.1691E-01	.2900E-02	0.0000	.0000E+00	.0000E+0
236	0.00	0.000	0.192	0.2547	2.0126	.0000E+00	.3098E-01	0.6292	.1779E-01	.3015E-02	0.0000	.0000E+00	.0000E+0
237	1.11	0.064	0.173	0.3951	1.6825	.0000E+00	.3025E-01	0.6550	.1852E-01	.3110E-02	0.0000	.0000E+00	.0000E+0

238		0.00	0.000	0.236	0.3505	2.4108	.0000E+00	.3186E-01	0.6790	.1920E-01	.3197E-02	0.0000	.0000E+00	.0000E+0
239		0.00	0.000	0.174	0.3161	2.4070	.0000E+00	.3185E-01	0.7036	.1990E-01	.3286E-02	0.0000	.0000E+00	.0000E+0
240		0.00	0.000	0.196	0.2783	2.0817	.0000E+00	.3113E-01	0.7255	.2051E-01	.3365E-02	0.0000	.0000E+00	.0000E+0
241		0.00	0.000	0.229	0.2352	1.7039	.0000E+00	.3030E-01	0.7436	.2102E-01	.3429E-02	0.0000	.0000E+00	.0000E+0
242		1.75	0.288	0.143	0.4500	1.3080	.0000E+00	.2942E-01	0.7579	.2143E-01	.3480E-02	0.0000	.0000E+00	.0000E+0
243		0.00	0.000	0.214	0.4083	4.0442	.0000E+00	.3547E-01	0.7757	.2193E-01	.3542E-02	0.0000	.0000E+00	.0000E+0
244		0.00	0.000	0.207	0.3680	3.6328	.0000E+00	.3456E-01	0.8008	.2264E-01	.3631E-02	0.0000	.0000E+00	.0000E+0
245		0.00	0.000	0.201	0.3289	3.0910	.0000E+00	.3337E-01	0.8212	.2322E-01	.3702E-02	0.0000	.0000E+00	.0000E+0
246		0.00	0.000	0.161	0.2966	2.6630	.0000E+00	.3242E-01	0.8370	.2367E-01	.3757E-02	0.0000	.0000E+00	.0000E+0
247		0.00	0.000	0.199	0.2582	2.1137	.0000E+00	.3121E-01	0.8488	.2400E-01	.3797E-02	0.0000	.0000E+00	.0000E+0
248		0.00	0.000	0.200	0.2198	1.4954	.0000E+00	.2984E-01	0.8563	.2421E-01	.3823E-02	0.0000	.0000E+00	.0000E+0
249		0.03	0.000	0.179	0.1903	0.9512	.0000E+00	.2863E-01	0.8598	.2431E-01	.3835E-02	0.0000	.0000E+00	.0000E+0
250		0.29	0.000	0.219	0.1974	0.5931	.0000E+00	.2784E-01	0.8603	.2433E-01	.3837E-02	0.0000	.0000E+00	.0000E+0
251		0.52	0.000	0.202	0.2482	0.0733	.0000E+00	.1343E-01	0.8452	.2390E-01	.3785E-02	0.0000	.0000E+00	.0000E+0
252		0.00	0.000	0.207	0.2137	0.0000	.0000E+00	.0000E+00	0.7947	.2247E-01	.3609E-02	0.0000	.0000E+00	.0000E+0
253		0.00	0.000	0.218	0.1773	0.0000	.0000E+00	.0000E+00	0.7268	.2055E-01	.3369E-02	0.0000	.0000E+00	.0000E+0
254		2.75	0.782	0.175	0.4762	0.0000	.0000E+00	.0000E+00	0.6645	.1879E-01	.3145E-02	0.0000	.4823E-09	.8544E-0
255		0.04	0.000	0.166	0.4490	4.9770	.0000E+00	.3754E-01	0.6448	.1823E-01	.3073E-02	0.0000	.1706E-08	.1622E-0
256		0.00	0.000	0.132	0.4208	4.5227	.0000E+00	.3653E-01	0.6860	.1940E-01	.3223E-02	0.0001	.2262E-08	.1623E-0
257		0.00	0.000	0.127	0.3937	4.0160	.0000E+00	.3541E-01	0.7211	.2039E-01	.3349E-02	0.0000	.9444E-09	.1030E-0
258		0.00	0.000	0.125	0.3671	3.6352	.0000E+00	.3457E-01	0.7507	.2123E-01	.3454E-02	0.0000	.4468E-09	.7080E-0
259		0.00	0.000	0.122	0.3411	3.2428	.0000E+00	.3370E-01	0.7755	.2193E-01	.3542E-02	0.0000	.3148E-09	.6136E-0
260		0.00	0.000	0.095	0.3197	2.8663	.0000E+00	.3287E-01	0.7961	.2251E-01	.3614E-02	0.0000	.3932E-09	.7173E-0
261		0.00	0.000	0.087	0.2999	2.6389	.0000E+00	.3237E-01	0.8132	.2299E-01	.3674E-02	0.0000	.7046E-09	.9866E-0
262		0.00	0.000	0.131	0.2728	2.2213	.0000E+00	.3144E-01	0.8271	.2339E-01	.3722E-02	0.0001	.1632E-08	.1861E-0
263		0.00	0.000	0.077	0.2548	1.8372	.0000E+00	.3059E-01	0.8376	.2368E-01	.3758E-02	0.0001	.2940E-08	.2091E-0
264		0.00	0.000	0.094	0.2341	1.5934	.0000E+00	.3005E-01	0.8452	.2390E-01	.3785E-02	0.0001	.5245E-08	.2782E-0
265		0.00	0.000	0.083	0.2154	1.1722	.0000E+00	.2912E-01	0.8505	.2405E-01	.3803E-02	0.0001	.8657E-08	.3562E-0
266		0.96	0.027	0.087	0.3516	0.8891	.0000E+00	.2850E-01	0.8532	.2412E-01	.3812E-02	0.0001	.1346E-07	.4430E-0
267		0.32	0.000	0.125	0.3790	1.7382	.0000E+00	.3038E-01	0.8565	.2422E-01	.3824E-02	0.0001	.8697E-08	.3866E-0
268		0.00	0.000	0.131	0.3518	2.4199	.0000E+00	.3188E-01	0.8641	.2443E-01	.3850E-02	0.0002	.2342E-07	.5798E-0
269		0.00	0.000	0.094	0.3310	2.1978	.0000E+00	.3139E-01	0.8730	.2468E-01	.3880E-02	0.0002	.2923E-07	.6469E-0
270		0.00	0.000	0.088	0.3113	1.9766	.0000E+00	.3090E-01	0.8798	.2488E-01	.3904E-02	0.0002	.3601E-07	.7187E-0
271		0.00	0.000	0.110	0.2878	1.7939	.0000E+00	.3050E-01	0.8850	.2502E-01	.3921E-02	0.0003	.4424E-07	.7969E-0
272		0.25	0.000	0.100	0.3078	1.6154	.0000E+00	.3010E-01	0.8886	.2513E-01	.3934E-02	0.0003	.5547E-07	.1115E-0
273		0.00	0.000	0.073	0.2907	1.4483	.0000E+00	.2973E-01	0.8910	.2519E-01	.3942E-02	0.0003	.6802E-07	.9893E-0
274		0.59	0.000	0.094	0.3685	1.2837	.0000E+00	.2937E-01	0.8922	.2523E-01	.3946E-02	0.0002	.4057E-07	.8014E-0
275		0.00	0.000	0.105	0.3459	2.0470	.0000E+00	.3106E-01	0.8944	.2529E-01	.3954E-02	0.0004	.9143E-07	.1145E-0
276		0.00	0.000	0.079	0.3276	1.9555	.0000E+00	.3086E-01	0.8989	.2542E-01	.3969E-02	0.0004	.1048E-06	.1225E-0
277		0.00	0.000	0.102	0.3055	1.8058	.0000E+00	.3052E-01	0.9024	.2552E-01	.3981E-02	0.0004	.1189E-06	.1644E-0
278		0.00	0.000	0.102	0.2835	1.6245	.0000E+00	.3012E-01	0.9047	.2558E-01	.3989E-02	0.0005	.1382E-06	.1408E-0
279		0.00	0.000	0.097	0.2623	1.4458	.0000E+00	.2973E-01	0.9057	.2561E-01	.3992E-02	0.0005	.1558E-06	.1494E-0
280		0.01	0.000	0.068	0.2478	1.2758	.0000E+00	.2935E-01	0.9057	.2561E-01	.3992E-02	0.0005	.1747E-06	.1582E-0
281		0.00	0.000	0.090	0.2280	1.1002	.0000E+00	.2896E-01	0.9046	.2558E-01	.3989E-02	0.0005	.1951E-06	.1671E-0
282		0.00	0.000	0.089	0.2084	0.9354	.0000E+00	.2860E-01	0.9027	.2552E-01	.3982E-02	0.0006	.2168E-06	.1761E-0
283		0.00	0.000	0.082	0.1899	0.7914	.0000E+00	.2828E-01	0.9000	.2545E-01	.3973E-02	0.0006	.2396E-06	.1851E-0
284		0.03	0.000	0.080	0.1769	0.6055	.0000E+00	.2787E-01	0.8967	.2535E-01	.3961E-02	0.0006	.2635E-06	.1941E-0
285		0.00	0.000	0.082	0.1599	0.2614	.0000E+00	.2043E-01	0.8855	.2504E-01	.3923E-02	0.0007	.2950E-06	.2053E-0
286		0.00	0.000	0.078	0.1469	0.0000	.0000E+00	.0000E+00	0.8430	.2384E-01	.3777E-02	0.0007	.3593E-06	.2264E-0
287		0.00	0.000	0.050	0.1386	0.0000	.0000E+00	.0000E+00	0.7711	.2180E-01	.3526E-02	0.0008	.4609E-06	.2563E-0
288		0.00	0.000	0.021	0.1350	0.0000	.0000E+00	.0000E+00	0.7052	.1994E-01	.3292E-02	0.0009	.5607E-06	.2825E-0
289		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6447	.1823E-01	.3072E-02	0.0010	.6557E-06	.3054E-0
290		0.15	0.000	0.055	0.1509	0.0000	.0000E+00	.0000E+00	0.5893	.1666E-01	.2867E-02	0.0005	.3728E-06	.2440E-0
291		0.00	0.000	0.033	0.1453	0.0000	.0000E+00	.0000E+00	0.5384	.1522E-01	.2675E-02	0.0011	.7930E-06	.3380E-0
292		0.00	0.000	0.045	0.1378	0.0000	.0000E+00	.0000E+00	0.4919	.1391E-01	.2496E-02	0.0012	.8667E-06	.3530E-0
293		0.00	0.000	0.014	0.1355	0.0000	.0000E+00	.0000E+00	0.4492	.1270E-01	.2328E-02	0.0012	.9313E-06	.3657E-0
294		0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.4101	.1159E-01	.2171E-02	0.0012	.9867E-06	.4703E-0
295		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3742	.1058E-01	.2024E-02	0.0013	.1054E-05	.3867E-0
296		0.42	0.000	0.045	0.1975	0.0000	.0000E+00	.0000E+00	0.3415	.9655E-02	.1887E-02	0.0013	.1089E-05	.3931E-0
297		0.00	0.000	0.032	0.1922	0.0000	.0000E+00	.0000E+00	0.3114	.8806E-02	.1759E-02	0.0013	.1117E-05	.3980E-0
298		0.00	0.000	0.036	0.1862	0.0000	.0000E+00	.0000E+00	0.2840	.8029E-02	.1639E-02	0.0013	.1137E-05	.4015E-0
299		0.83	0.011	0.063	0.3121	0.0000	.0000E+00	.0000E+00	0.2588	.7318E-02	.1527E-02	0.0013	.1150E-05	.4038E-0
300		0.04	0.000	0.048	0.3074	0.3013	.0000E+00	.2057E-01	0.2562	.7245E-02	.1515E-02	0.0013	.1107E-05	.3961E-0
301		0.00	0.000	0.038	0.2966	0.4051	.0000E+00	.2743E-01	0.2938	.8306E-02	.1682E-02	0.0012	.9732E-06	.3716E-0
302		0.00	0.000	0.047	0.2842	0.4099	.0000E+00	.2744E-01	0.3391	.9589E-02	.1877E-02	0.0011	.8422E-06	.3458E-0
303		0.00	0.000	0.055	0.2705	0.3608	.0000E+00	.2733E-01	0.3806	.1076E-01	.2050E-02	0.0011	.7377E-06	.3237E-0
304		0.00	0.000	0.052	0.2573	0.2302	.0000E+00	.2704E-01	0.4181	.1182E-01	.2203E-02	0.0010	.6543E-06	.3049E-0
305		0.01	0.000	0.054	0.2454	0.1016	.0000E+00	.2676E-01	0.4516	.1277E-01	.2338E-02	0.0010	.5879E-06	.2890E-0
306		0.92	0.025	0.062	0.3808	0.1340	.0000E+00	.2086E-01	0.4761	.1346E-01	.2434E-02	0.0009	.5432E-06	.2779E-0
307		0.00	0.000	0.044	0.3682	2.4460	.0000E+00	.3194E-01	0.5000	.1414E-01	.2528E-02	0.0009	.5041E-06	.2677E-0
308		0.00	0.000	0.060	0.3528	2.5313	.0000E+00	.3213E-01	0.5400	.1527E-01	.2681E-02	0.0008	.4477E-06	.2524E-0
309		0.00	0.000	0.077	0.3347	2.3295	.0000E+00	.3168E-01	0.5764	.1630E-01	.2819E-02	0.0008	.4032E-06	.2396E-0
310		0.00	0.000	0.054	0.3204	2.1134	.0000E+00	.3120E-01	0.6086	.1721E-01	.2939E-02	0.0004	.1847E-06	.1718E-0
311		0.00	0.000	0.059	0.3054	1.9374	.0000E+00	.3082E-01	0.6370	.1801E-01	.3044E-02	0.0007	.3543E-06	.2233E-0
312		0.00	0.000	0.050	0.2920	1.7781	.0000E+00	.3046E-01	0.6621	.1872E-01	.3136E-02	0.0007	.3334E-06	.2168E-0
313		0.61	0.000	0.057	0.3791	1.6194	.0000E+00	.3011E-01	0.6841	.1934E-01	.3216E-02	0.0007	.3184E-06	.2120E-0
314		0.00	0.000	0.057	0.3644	2.3960	.0000E+00	.3183E-01	0.7055	.1995E-01	.3293E-02	0.0007	.3068E-06	.2082E-0
315		0.27	0.000	0.052	0.3954	2.4825	.0000E+00	.3202E-01	0.7280	.2059E-01	.3374E-02	0.0007	.2963E-06	.2046E-0
316		0.00	0.000	0.037	0.3836	3.1639	.0000E+00	.3353E-01	0.7505	.2122E-01	.3454E-02	0.0007	.2870E-06	.2014E-0
317		0.13	0.000	0.051	0.3913	2.9852	.0000E+00	.3313E-01	0.7732	.2186E-01	.3534E-02	0.0007	.2811E-06	.2486E-0
318		0.00	0.000	0.040	0.3791	2.8447	.0000E+00	.3282E-01	0.7930	.2242E-01	.3603E-02	0.0006	.2711E-06	.1967E-0
319		0.00	0.000	0.043	0.3665	2.6703	.0000E+00	.3244E-01	0.8103	.2291E-01	.3664E-02	0.0006	.2710E-06	.1967E-0
320	*	0.00	0.000	0.034	0.3554	2.4890	.0000E+00	.3204E-01	0.8252	.2333E-01	.3716E-02	0.0006	.2740E-06	.1978E-0
321		0.27	0.000	0.049	0.3870	2.3140	.0000E+00	.3165E-01	0.8378	.2369E-01	.3759E-02	0.0007	.2798E-06	.1999E-0
322		0.00	0.000	0.046	0.3738	2.9291	.0000E+00	.3301E-01	0.8501	.2404E-01	.3802E-02	0.0007	.2864E-06	.2023E-0
323		0.24	0.000	0.050	0.3999	2.7423	.0000E+00	.3260E-01	0.8631	.2440E-01	.3847E-02	0.0007	.2928E-06	.2045E-0
324		0.00	0.000	0.036	0.3883	3.2889	.0000E+00	.3380E-01	0.8756	.2476E-01	.3890E-02	0.0007	.3003E-06	.2071E-0
325		0.03	0.000	0.046	0.3800	3.0808	.0000E+00	.3334E-01	0.8886	.2513E-01	.3934E-02	0.0007	.3078E-06	.2097E-0
326	*	0.00	0.000	0.030	0.3695	2.9286	.0000E+00	.3301E-01	0.8994	.2543E-01	.3971E-02	0.0007	.3180E-06	.2131E-0
327	*	0.00	0.000	0.000	0.3640	2.7616	.0000E+00	.3264E-01	0.9084	.2569E-01	.4002E-02	0.0007	.3305E-06	.2172E-0
328		0.00	0.000	0.033	0.3531	2.6016	.0000E+00	.3228E-01	0.9158	.2589E-01	.4026E-02	0.0004	.1697E-06	.1658E-0
329		0.00	0.000	0.045	0.3404	2.4228	.0000E+00	.3189E-01	0.9215	.2606E-01	.4046E-02	0.0007	.3580E-06	.2833E-0
330		0.00	0.000	0.043	0.3280	2.2405	.0000E+00	.3149E-01	0.9258	.2618E-01	.4060E-02	0.0008	.3796E-06	.2328E-0
331		0.00	0.000	0.040	0.3161	2.0459	.0000E+00	.3106E-01	0.9286	.2626E-01	.4070E-02	0.0004	.1998E-06	.1785E-0
332		0.00	0.000	0.040	0.3043	1.8927	.0000E+00	.3072E-01	0.9302	.2630E-01	.4075E-02	0.0008	.4158E-06	.3054E-0
333		0.00	0.000	0.036	0.2932	1.7361	.0000E+00	.3037E-01	0.9307	.2632E-01	.4077E-02	0.0008	.4434E-06	.2515E-0

334		0.54	0.000	0.048	0.3702	1.5822	.0000E+00	.3003E-01	0.9303	.2630E-01	.4076E-02	0.0004	.2306E-06	.1930E-0
335	*	0.00	0.000	0.031	0.3597	2.2656	.0000E+00	.3154E-01	0.9309	.2632E-01	.4078E-02	0.0009	.4834E-06	.3292E-0
336		0.54	0.002	0.051	0.4355	2.7280	.0000E+00	.3256E-01	0.9349	.2643E-01	.4091E-02	0.0009	.5064E-06	.2688E-0
337		0.43	0.006	0.048	0.4920	4.7167	.0000E+00	.3696E-01	0.9446	.2671E-01	.4124E-02	0.0009	.5169E-06	.2715E-0
338		0.56	0.418	0.048	0.5010	5.9496	.0000E+00	.3969E-01	0.9632	.2724E-01	.4187E-02	0.0009	.5167E-06	.2715E-0
339		0.13	0.117	0.047	0.4887	5.8729	.0000E+00	.3952E-01	0.9846	.2784E-01	.4258E-02	0.0004	.2540E-06	.2026E-0
340	*	0.29	0.000	0.034	0.4855	5.6378	.0000E+00	.3900E-01	1.0034	.2837E-01	.4321E-02	0.0009	.5191E-06	.2714E-0
341		0.14	0.132	0.000	0.5010	5.8268	.0000E+00	.3942E-01	1.0202	.2885E-01	.4377E-02	0.0009	.5241E-06	.2728E-0
342		0.00	0.063	0.049	0.4944	5.9313	.0000E+00	.3965E-01	1.0366	.2931E-01	.4431E-02	0.0009	.5314E-06	.2747E-0
343		0.00	0.000	0.036	0.4819	5.6925	.0000E+00	.3912E-01	1.0514	.2973E-01	.4480E-02	0.0009	.5410E-06	.2773E-0
344		0.01	0.000	0.047	0.4692	5.3692	.0000E+00	.3840E-01	1.0635	.3007E-01	.4520E-02	0.0009	.5582E-06	.3520E-0
345		0.51	0.231	0.049	0.5010	5.6175	.0000E+00	.3895E-01	1.0740	.3037E-01	.4554E-02	0.0005	.2829E-06	.2139E-0
346	*	0.04	0.000	0.042	0.4941	5.9279	.0000E+00	.3964E-01	1.0851	.3068E-01	.4591E-02	0.0010	.5881E-06	.2893E-0
347		0.86	0.728	0.050	0.5010	5.9393	.0000E+00	.3966E-01	1.0965	.3100E-01	.4628E-02	0.0010	.6053E-06	.2934E-0
348		0.00	0.000	0.035	0.4886	5.8721	.0000E+00	.3952E-01	1.1069	.3130E-01	.4662E-02	0.0010	.6237E-06	.2979E-0
349		0.18	0.026	0.050	0.4994	5.7582	.0000E+00	.3926E-01	1.1159	.3155E-01	.4691E-02	0.0010	.6441E-06	.3028E-0
350		0.04	0.003	0.053	0.4902	5.8680	.0000E+00	.3951E-01	1.1240	.3178E-01	.4718E-02	0.0010	.6662E-06	.3080E-0
351		0.00	0.000	0.041	0.4769	5.5713	.0000E+00	.3885E-01	1.1312	.3198E-01	.4741E-02	0.0010	.6898E-06	.3134E-0
352		0.18	0.003	0.048	0.4920	5.4638	.0000E+00	.3861E-01	1.1365	.3213E-01	.4758E-02	0.0011	.7156E-06	.3193E-0
353	*	0.05	0.000	0.040	0.4871	5.7163	.0000E+00	.3917E-01	1.1415	.3228E-01	.4775E-02	0.0011	.7425E-06	.3252E-0
354	*	0.06	0.000	0.032	0.4839	5.5947	.0000E+00	.3890E-01	1.1468	.3242E-01	.4792E-02	0.0011	.7691E-06	.3310E-0
355		0.22	0.038	0.049	0.5010	5.7244	.0000E+00	.3919E-01	1.1514	.3256E-01	.4807E-02	0.0011	.7960E-06	.3367E-0
356		0.00	0.000	0.040	0.4878	5.8641	.0000E+00	.3950E-01	1.1565	.3270E-01	.4823E-02	0.0011	.8226E-06	.3423E-0
357		0.01	0.000	0.041	0.4761	5.5400	.0000E+00	.3878E-01	1.1609	.3283E-01	.4837E-02	0.0011	.8493E-06	.3478E-0
358	*	0.00	0.000	0.027	0.4653	5.2426	.0000E+00	.3812E-01	1.1632	.3289E-01	.4845E-02	0.0012	.8781E-06	.3537E-0
359		0.00	0.000	0.034	0.4534	4.9530	.0000E+00	.3748E-01	1.1636	.3290E-01	.4846E-02	0.0012	.9094E-06	.3600E-0
360	*	0.00	0.000	0.028	0.4425	4.6929	.0000E+00	.3691E-01	1.1623	.3286E-01	.4842E-02	0.0012	.9427E-06	.3666E-0
361	*	1.11	0.000	0.030	0.4398	4.4768	.0000E+00	.3643E-01	1.1597	.3279E-01	.4834E-02	0.0012	.9773E-06	.4676E-0
362	*	0.00	0.000	0.025	0.4370	4.3278	.0000E+00	.3610E-01	1.1563	.3269E-01	.4822E-02	0.0013	.1022E-05	.3815E-0
363	*	0.00	0.000	0.036	0.4343	4.2261	.0000E+00	.3588E-01	1.1524	.3258E-01	.4810E-02	0.0013	.1056E-05	.3879E-0
364		0.00	0.000	0.037	0.4317	4.1483	.0000E+00	.3570E-01	1.1483	.3247E-01	.4796E-02	0.0013	.1090E-05	.3940E-0
365	*	0.12	0.000	0.000	0.4290	4.0744	.0000E+00	.3554E-01	1.1440	.3235E-01	.4783E-02	0.0013	.1122E-05	.3997E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 17

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	3.24	2.35	8.54	1.90	2.92	3.27
	2.40	9.67	5.16	2.07	3.02	5.48
RUNOFF	0.291	2.685	5.258	0.000	0.000	0.052
	0.037	2.330	0.809	0.011	0.025	1.766
EVAPOTRANSPIRATION	1.202	0.536	2.579	2.987	3.014	3.323
	2.218	5.115	4.218	1.784	1.376	1.179
PERCOLATION/LEAKAGE THROUGH	1.0662	0.0262	0.8761	0.4297	0.0000	0.0906
LAYER 2	0.1444	0.5850	0.8389	0.4750	0.9416	1.1776
LATERAL DRAINAGE COLLECTED	0.9548	0.3027	0.4627	0.6175	0.0615	0.0541
FROM LAYER 3	0.1075	0.2772	0.6915	0.5512	0.6539	0.9560
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1427	0.0552	0.0781	0.0997	0.0165	0.0138
LAYER 4	0.0254	0.0508	0.1104	0.0920	0.1054	0.1428
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1100	0.1420	0.0634	0.0919	0.1148	0.0592
LAYER 7	0.0365	0.0224	0.0075	0.0842	0.0667	0.0992

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	3.556	0.002	3.450	0.853	0.000	0.067
TOP OF LAYER 2	0.029	1.761	2.047	0.543	2.286	5.180
STD. DEVIATION OF DAILY	1.708	0.010	2.146	1.277	0.000	0.186
HEAD ON TOP OF LAYER 2	0.070	1.977	1.325	0.680	0.747	0.934
AVERAGE DAILY HEAD ON	1.089	0.382	0.528	0.728	0.070	0.064
TOP OF LAYER 4	0.123	0.316	0.815	0.629	0.771	1.091
STD. DEVIATION OF DAILY	0.033	0.271	0.340	0.289	0.059	0.069
HEAD ON TOP OF LAYER 4	0.090	0.288	0.067	0.259	0.153	0.077
AVERAGE DAILY HEAD ON	0.001	0.002	0.001	0.001	0.001	0.001
TOP OF LAYER 7	0.000	0.000	0.000	0.001	0.001	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 17

	INCHES	CU. FEET	PERCENT
PRECIPITATION	50.02	453931.469	100.00
RUNOFF	13.264	120371.984	26.52
EVAPOTRANSPIRATION	29.533	268011.469	59.04
PERC./LEAKAGE THROUGH LAYER 2	6.651300	60360.551	13.30
AVG. HEAD ON TOP OF LAYER 2	1.6479		
DRAINAGE COLLECTED FROM LAYER 3	5.6907	51642.676	11.38
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.932853	8465.638	1.86
AVG. HEAD ON TOP OF LAYER 4	0.5505		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.821	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.897949	8148.890	1.80
AVG. HEAD ON TOP OF LAYER 7	0.0008		
CHANGE IN WATER STORAGE	0.634	5754.668	1.27
SOIL WATER AT START OF YEAR	285.939	2594893.500	
SOIL WATER AT END OF YEAR	285.569	2591541.250	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	1.004	9107.111	2.01
ANNUAL WATER BUDGET BALANCE	0.0000	-0.034	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 18

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.00	0.193	0.000	0.5010	4.9823	.0000E+00	.3755E-01	1.1419	.3229E-01	.4776E-02	0.0013	.1149E-05	.4045E-0
2			0.38	0.702	0.000	0.4977	5.9656	.0000E+00	.3972E-01	1.1453	.3238E-01	.4787E-02	0.0013	.1165E-05	.4073E-0
3			0.17	0.088	0.055	0.4955	5.8861	.0000E+00	.3955E-01	1.1518	.3257E-01	.4808E-02	0.0007	.5848E-06	.3065E-0
4			0.00	0.000	0.050	0.4807	5.6986	.0000E+00	.3913E-01	1.1570	.3272E-01	.4825E-02	0.0014	.1186E-05	.4107E-0
5	*		0.79	0.000	0.038	0.4776	5.4183	.0000E+00	.3851E-01	1.1606	.3282E-01	.4836E-02	0.0014	.1200E-05	.5171E-0
6	*		0.00	0.000	0.037	0.4745	5.3319	.0000E+00	.3832E-01	1.1626	.3287E-01	.4843E-02	0.0014	.1222E-05	.4170E-0
7	*		0.00	0.000	0.030	0.4714	5.2464	.0000E+00	.3813E-01	1.1640	.3291E-01	.4847E-02	0.0007	.6175E-06	.3148E-0
8	*		0.19	0.000	0.025	0.4684	5.1618	.0000E+00	.3794E-01	1.1648	.3293E-01	.4850E-02	0.0014	.1255E-05	.4226E-0
9	*		0.00	0.000	0.033	0.4654	5.0780	.0000E+00	.3776E-01	1.1650	.3294E-01	.4851E-02	0.0014	.1274E-05	.4258E-0
10	*		0.00	0.000	0.038	0.4624	4.9955	.0000E+00	.3758E-01	1.1647	.3293E-01	.4850E-02	0.0014	.1293E-05	.4291E-0
11	*		0.00	0.000	0.040	0.4594	4.9192	.0000E+00	.3741E-01	1.1640	.3291E-01	.4847E-02	0.0014	.1313E-05	.5408E-0
12			0.00	0.000	0.039	0.4632	4.8515	.0000E+00	.3726E-01	1.1630	.3288E-01	.4844E-02	0.0014	.1337E-05	.4362E-0
13	*	*	0.00	0.000	0.039	0.4581	1.9245	.0000E+00	.3079E-01	1.1553	.3267E-01	.4819E-02	0.0015	.1367E-05	.4411E-0
14	*	*	0.00	0.000	0.035	0.4534	0.8091	.0000E+00	.2832E-01	1.1354	.3210E-01	.4755E-02	0.0015	.1420E-05	.4494E-0
15	*	*	0.00	0.000	0.039	0.4487	0.6791	.0000E+00	.2803E-01	1.1129	.3147E-01	.4682E-02	0.0015	.1473E-05	.4578E-0
16		*	0.00	0.000	0.042	0.4441	0.5504	.0000E+00	.2775E-01	1.0915	.3086E-01	.4612E-02	0.0008	.7602E-06	.3487E-0
17		*	0.04	0.212	0.000	0.4631	0.4230	.0000E+00	.2747E-01	1.0711	.3029E-01	.4545E-02	0.0015	.1545E-05	.4696E-0
18		*	0.00	0.000	0.033	0.4585	0.2969	.0000E+00	.2719E-01	1.0516	.2974E-01	.4481E-02	0.0016	.1581E-05	.4749E-0
19		*	0.10	0.050	0.008	0.4609	0.1721	.0000E+00	.2691E-01	1.0331	.2921E-01	.4420E-02	0.0016	.1612E-05	.4794E-0
20		*	0.44	0.395	0.008	0.4637	0.0485	.0000E+00	.2054E-01	1.0092	.2854E-01	.4340E-02	0.0016	.1645E-05	.6057E-0
21	*	*	0.00	0.000	0.000	0.4637	0.0000	.0000E+00	.0000E+00	0.9567	.2705E-01	.4165E-02	0.0017	.1757E-05	.4996E-0
22		*	0.03	0.017	0.008	0.4645	0.0000	.0000E+00	.0000E+00	0.8754	.2475E-01	.3889E-02	0.0017	.1913E-05	.5211E-0

23		*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.8009	.2264E-01	.3631E-02	0.0018	.2043E-05	.5384E-0
24		*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.7325	.2071E-01	.3389E-02	0.0009	.1074E-05	.4151E-0
25		*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.6697	.1894E-01	.3164E-02	0.0018	.2187E-05	.5597E-0
26		*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.6122	.1731E-01	.2953E-02	0.0019	.2252E-05	.5677E-0
27		*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.5595	.1582E-01	.2755E-02	0.0019	.2297E-05	.7151E-0
28		*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.5111	.1445E-01	.2571E-02	0.0019	.2346E-05	.5765E-0
29	*	*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.4668	.1320E-01	.2398E-02	0.0019	.2351E-05	.5771E-0
30	*	*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.4262	.1205E-01	.2236E-02	0.0019	.2342E-05	.5760E-0
31	*	*	0.00	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.3891	.1100E-01	.2085E-02	0.0019	.2322E-05	.5735E-0
32	*	*	0.04	0.000	0.029	0.4645	0.0000	.0000E+00	.0000E+00	0.3550	.1004E-01	.1944E-02	0.0019	.2293E-05	.5699E-0
33	*	*	0.24	0.000	0.023	0.4645	0.0000	.0000E+00	.0000E+00	0.3239	.9157E-02	.1812E-02	0.0019	.2256E-05	.5652E-0
34	*	*	0.00	0.000	0.026	0.4645	0.0000	.0000E+00	.0000E+00	0.2953	.8350E-02	.1689E-02	0.0009	.1106E-05	.4215E-0
35	*	*	0.14	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.2692	.7612E-02	.1573E-02	0.0018	.2164E-05	.5550E-0
36	*	*	0.13	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.2453	.6937E-02	.1466E-02	0.0018	.2113E-05	.5484E-0
37	*	*	0.31	0.000	0.024	0.4645	0.0000	.0000E+00	.0000E+00	0.2235	.6319E-02	.1365E-02	0.0018	.2059E-05	.6746E-0
38	*	*	0.00	0.000	0.026	0.4645	0.0000	.0000E+00	.0000E+00	0.2035	.5754E-02	.1271E-02	0.0018	.1997E-05	.5318E-0
39	*	*	0.14	0.000	0.023	0.4645	0.0000	.0000E+00	.0000E+00	0.1852	.5237E-02	.1183E-02	0.0017	.1938E-05	.5239E-0
40	*	*	0.52	0.000	0.026	0.4645	0.0000	.0000E+00	.0000E+00	0.1685	.4766E-02	.1100E-02	0.0017	.1878E-05	.5157E-0
41	*	*	0.00	0.000	0.032	0.4645	0.0000	.0000E+00	.0000E+00	0.1533	.4334E-02	.1024E-02	0.0008	.9088E-06	.3821E-0
42	*	*	0.02	0.000	0.000	0.4645	0.0000	.0000E+00	.0000E+00	0.1394	.3941E-02	.9519E-03	0.0017	.1766E-05	.5011E-0
43	*	*	0.00	0.000	0.029	0.4645	0.0000	.0000E+00	.0000E+00	0.1267	.3581E-02	.8850E-03	0.0016	.1707E-05	.4926E-0
44	*	*	0.00	0.000	0.025	0.4645	0.0000	.0000E+00	.0000E+00	0.1150	.3253E-02	.8225E-03	0.0016	.1649E-05	.4841E-0
45	*	*	0.00	0.000	0.029	0.4645	0.0000	.0000E+00	.0000E+00	0.1045	.2954E-02	.7642E-03	0.0016	.1591E-05	.4755E-0
46	*	*	0.00	0.000	0.039	0.4645	0.0000	.0000E+00	.0000E+00	0.0948	.2681E-02	.7097E-03	0.0015	.1535E-05	.4670E-0
47		*	0.33	0.333	0.000	0.4650	0.0064	.0000E+00	.1220E-01	0.0981	.2774E-02	.7283E-03	0.0015	.1453E-05	.4535E-0
48		*	0.00	0.010	0.040	0.4648	0.0012	.0000E+00	.1026E-02	0.1096	.3099E-02	.7927E-03	0.0014	.1344E-05	.4357E-0
49	*	*	0.00	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.1012	.2860E-02	.7456E-03	0.0014	.1276E-05	.4259E-0
50		*	2.32	2.521	0.000	0.4648	0.0050	.0000E+00	.1467E-01	0.1063	.3007E-02	.7743E-03	0.0014	.1210E-05	.4137E-0
51	*	*	0.00	0.000	0.032	0.4648	0.0000	.0000E+00	.0000E+00	0.1201	.3395E-02	.8497E-03	0.0013	.1117E-05	.3969E-0
52	*	*	0.00	0.000	0.033	0.4648	0.0000	.0000E+00	.0000E+00	0.1090	.3083E-02	.7896E-03	0.0013	.1068E-05	.4862E-0
53	*	*	0.00	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.0990	.2799E-02	.7334E-03	0.0013	.1046E-05	.3850E-0
54	*	*	0.00	0.000	0.039	0.4648	0.0000	.0000E+00	.0000E+00	0.0898	.2539E-02	.6810E-03	0.0013	.1023E-05	.3808E-0
55	*	*	0.00	0.000	0.027	0.4648	0.0000	.0000E+00	.0000E+00	0.0814	.2303E-02	.6322E-03	0.0012	.9996E-06	.3765E-0
56	*	*	0.00	0.000	0.021	0.4648	0.0000	.0000E+00	.0000E+00	0.0738	.2087E-02	.5866E-03	0.0012	.9756E-06	.3719E-0
57	*	*	0.00	0.000	0.020	0.4648	0.0000	.0000E+00	.0000E+00	0.0669	.1891E-02	.5441E-03	0.0012	.9512E-06	.3672E-0
58	*	*	0.00	0.000	0.030	0.4648	0.0000	.0000E+00	.0000E+00	0.0606	.1712E-02	.5045E-03	0.0012	.9265E-06	.3624E-0
59	*	*	0.00	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.0548	.1550E-02	.4676E-03	0.0006	.4508E-06	.2690E-0
60		*	0.00	0.033	0.038	0.4648	0.0000	.0000E+00	.0000E+00	0.0496	.1402E-02	.4332E-03	0.0012	.8809E-06	.3539E-0
61		*	0.29	0.281	0.000	0.4654	0.0046	.0000E+00	.1068E-01	0.0554	.1566E-02	.4709E-03	0.0011	.8311E-06	.4283E-0
62		*	0.00	0.160	0.022	0.4648	0.0041	.0000E+00	.3559E-02	0.0708	.2001E-02	.5680E-03	0.0011	.7395E-06	.3239E-0
63		*	0.19	0.528	0.000	0.4648	0.0048	.0000E+00	.1446E-01	0.0841	.2379E-02	.6475E-03	0.0010	.6746E-06	.3094E-0
64		*	0.45	0.436	0.006	0.4648	0.0051	.0000E+00	.8858E-02	0.1083	.3062E-02	.7853E-03	0.0010	.5919E-06	.2898E-0
65		*	0.13	0.116	0.006	0.4648	0.0047	.0000E+00	.8075E-02	0.1205	.3408E-02	.8521E-03	0.0005	.2724E-06	.2090E-0
66		*	0.83	0.816	0.005	0.4648	0.0052	.0000E+00	.9001E-02	0.1314	.3714E-02	.9099E-03	0.0009	.5176E-06	.2703E-0
67		*	0.15	0.136	0.005	0.4648	0.0048	.0000E+00	.8269E-02	0.1420	.4015E-02	.9656E-03	0.0009	.4804E-06	.2604E-0
68	*	*	0.14	0.000	0.058	0.4648	0.0000	.0000E+00	.0000E+00	0.1423	.4024E-02	.9673E-03	0.0008	.4582E-06	.2550E-0
69		*	0.18	0.227	0.036	0.4648	0.0000	.0000E+00	.0000E+00	0.1294	.3658E-02	.8994E-03	0.0008	.4594E-06	.2562E-0
70		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1175	.3323E-02	.8359E-03	0.0008	.4685E-06	.2587E-0
71		*	0.04	0.028	0.005	0.4648	0.0037	.0000E+00	.6370E-02	0.1130	.3196E-02	.8115E-03	0.0008	.4658E-06	.3220E-0
72		*	1.06	1.045	0.005	0.4648	0.0053	.0000E+00	.9226E-02	0.1220	.3450E-02	.8601E-03	0.0008	.4358E-06	.2487E-0
73		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1256	.3552E-02	.8795E-03	0.0004	.2097E-06	.1827E-0
74			0.00	0.000	0.131	0.4384	3.6828	.0000E+00	.2804E-01	0.1420	.4014E-02	.9641E-03	0.0008	.3901E-06	.2918E-0
75			0.00	0.000	0.076	0.4196	4.6321	.0000E+00	.3677E-01	0.2106	.5954E-02	.1303E-02	0.0006	.2683E-06	.1952E-0
76			0.09	0.000	0.085	0.4144	4.2473	.0000E+00	.3592E-01	0.2865	.8100E-02	.1649E-02	0.0005	.1798E-06	.1599E-0
77			0.00	0.000	0.101	0.3918	3.8702	.0000E+00	.3509E-01	0.3537	.1000E-01	.1938E-02	0.0002	.6065E-07	.9872E-0
78			0.24	0.000	0.078	0.4131	3.6431	.0000E+00	.3459E-01	0.4135	.1169E-01	.2185E-02	0.0004	.9767E-07	.1147E-0
79			0.02	0.000	0.093	0.3952	3.4436	.0000E+00	.3415E-01	0.4669	.1320E-01	.2398E-02	0.0003	.6738E-07	.1182E-0
80			0.00	0.000	0.090	0.3746	3.1802	.0000E+00	.3356E-01	0.5146	.1455E-01	.2584E-02	0.0002	.4028E-07	.7595E-0
81			0.00	0.000	0.105	0.3516	2.9095	.0000E+00	.3296E-01	0.5567	.1574E-01	.2745E-02	0.0002	.2889E-07	.6441E-0
82			0.00	0.000	0.108	0.3282	2.6715	.0000E+00	.3244E-01	0.5939	.1679E-01	.2885E-02	0.0002	.2151E-07	.5565E-0
83			0.00	0.000	0.117	0.3034	2.4318	.0000E+00	.3191E-01	0.6266	.1772E-01	.3006E-02	0.0002	.1684E-07	.4929E-0
84			0.00	0.000	0.098	0.2819	2.1751	.0000E+00	.3134E-01	0.6551	.1852E-01	.3111E-02	0.0001	.7014E-08	.3320E-0
85			0.00	0.000	0.090	0.2616	1.9325	.0000E+00	.3080E-01	0.6799	.1922E-01	.3201E-02	0.0001	.1362E-07	.4331E-0
86			0.00	0.000	0.140	0.2333	1.6421	.0000E+00	.3016E-01	0.7010	.1982E-01	.3277E-02	0.0001	.1287E-07	.4228E-0
87			0.00	0.000	0.178	0.1988	1.0829	.0000E+00	.2893E-01	0.7182	.2031E-01	.3339E-02	0.0001	.1319E-07	.4301E-0
88			0.00	0.000	0.127	0.1730	0.6872	.0000E+00	.2805E-01	0.7311	.2067E-01	.3385E-02	0.0002	.1462E-07	.4551E-0
89			0.00	0.000	0.147	0.1474	0.1323	.0000E+00	.6835E-02	0.7204	.2037E-01	.3346E-02	0.0002	.2044E-07	.5477E-0
90			0.00	0.000	0.074	0.1350	0.0000	.0000E+00	.0000E+00	0.6697	.1893E-01	.3163E-02	0.0002	.3872E-07	.7651E-0
91			0.03	0.000	0.010	0.1383	0.0000	.0000E+00	.0000E+00	0.6121	.1731E-01	.2952E-02	0.0003	.7067E-07	.1307E-0
92			0.18	0.000	0.027	0.1638	0.0000	.0000E+00	.0000E+00	0.5594	.1582E-01	.2755E-02	0.0004	.1252E-06	.1337E-0
93			0.04	0.000	0.025	0.1664	0.0000	.0000E+00	.0000E+00	0.5111	.1445E-01	.2570E-02	0.0005	.1696E-06	.1555E-0
94			0.00	0.000	0.029	0.1616	0.0000	.0000E+00	.0000E+00	0.4668	.1320E-01	.2398E-02	0.0006	.2152E-06	.1751E-0
95			0.00	0.000	0.026	0.1572	0.0000	.0000E+00	.0000E+00	0.4262	.1205E-01	.2236E-02	0.0006	.2605E-06	.1925E-0
96			0.00	0.000	0.025	0.1530	0.0000	.0000E+00	.0000E+00	0.3890	.1100E-01	.2085E-02	0.0007	.3044E-06	.2081E-0
97			0.00	0.000	0.023	0.1492	0.0000	.0000E+00	.0000E+00	0.3550	.1004E-01	.1944E-02	0.0007	.3461E-06	.2218E-0
98			0.00	0.000	0.019	0.1460	0.0000	.0000E+00	.0000E+00	0.3238	.9156E-02	.1812E-02	0.0008	.3849E-06	.2339E-0
99			0.39	0.000	0.029	0.2062	0.0000	.0000E+00	.0000E+00	0.2953	.8349E-02	.1689E-02	0.0008	.4206E-06	.2444E-0
100			0.00	0.000	0.025	0.2021	0.0000	.0000E+00	.0000E+00	0.2692	.7611E-02	.1573E-02	0.0008	.4527E-06	.2536E-0
101			0.00	0.000	0.026	0.1977	0.0000	.0000E+00	.0000E+00	0.2453	.6936E-02	.1465E-02	0.0009	.4814E-06	.2615E-0
102			0.00	0.000	0.025	0.1936	0.0000	.0000E+00	.0000E+00	0.2234	.6318E-02	.1365E-02	0.0009	.5064E-06	.2682E-0
103			0.00	0.000	0.024	0.1896	0.0000	.0000E+00	.0000E+00	0.2035	.5753E-02	.1270E-02	0.0005	.2640E-06	.2057E-0
104			0.00	0.000	0.023	0.1857	0.0000	.0000E+00	.0000E+00	0.1852	.5237E-02	.1183E-02	0.0009	.5375E-06	.2773E-0
105			0.00	0.000	0.023	0.1819	0.0000	.0000E+00	.0000E+00	0.1685	.4765E-02	.1100E-02	0.0009	.5535E-06	.3515E-0
106			0.00	0.000	0.022	0.1783	0.0000	.0000E+00	.0000E+00	0.1533	.4334E-02	.1024E-02	0.0009	.5732E-06	.2852E-0
107			0.00	0.000	0.021	0.1747	0.0000	.0000E+00	.0000E+00	0.1394	.3940E-02	.9519E-03	0.0010	.5824E-06	.2875E-0
108			0.00	0.000	0.021	0.1713	0.0000	.0000E+00	.0000E+00	0.1266	.3581E-02	.8849E-03	0.0005	.2971E-06	.2173E-0
109			0.21	0.000	0.025	0.2021	0.0000	.0000E+00	.0000E+00	0.1150	.3253E-02	.8224E-03	0.0010	.5891E-06	.2899E-0
110			0.00	0.000	0.020	0.1987	0.0000	.0000E+00	.0000E+00	0.1044	.2953E-02	.7641E-03	0.0010	.5919E-06	.2905E-0
111			0.62	0.000	0.025	0.2979	0.0000	.0000E+00	.0000E+00	0.0948	.2680E-02	.7097E-03	0.0010	.5928E-06	.2907E-0
112			0.28	0.000	0.123	0.3205	0.2216	.0000E+00	.2039E-01	0.1062	.3004E-02	.7731E-03	0.0009	.5637E-06	.2820E-0
113			0.00	0.000	0.166	0.2883	0.3743	.0000E+00	.2736E-01	0.1563	.4420E-02	.1038E-02	0.0009	.4744E-06	.2560E-0
114			0.00	0.000	0.142	0.2600	0.3873	.0000E+00	.2739E-01	0.2133	.6030E-02	.1316E-02	0.0008	.3695E-06	.2254E-0
115			0.00	0.000	0.137	0.2326	0.2994	.0000E+00	.2719E-01	0.2652	.7498E-02	.1555E-02	0.0007	.2868E-06	.1988E-0
116			0.00	0.000	0.133	0.2060	0.1548	.0000E+00	.2687E-01	0.3121	.8823E-02	.1761E-02	0.0006	.2263E-06	.1767E-0
117			1.29	0.102	0.128	0.3806	0.0238	.0000E+00	.1219E-01	0.3398	.9609E-02	.1880E-02	0.0005	.1899E-06	.1629E-0
118			0.00	0.000	0.143	0.3515	2.1093	.0000E+00	.3120E-01	0.3606	.1019E-01	.1967E-02	0.0005	.1696E-06	.1923E-0

119	0.00	0.000	0.164	0.3189	2.3720	.0000E+00	.3178E-01	0.4106	.1161E-01	.2173E-02	0.0004	.1244E-06	.1332E-0
120	0.00	0.000	0.167	0.2858	2.0911	.0000E+00	.3116E-01	0.4568	.1292E-01	.2358E-02	0.0004	.9611E-07	.1171E-0
121	0.00	0.000	0.135	0.2582	1.9039	.0000E+00	.3074E-01	0.4978	.1407E-01	.2519E-02	0.0003	.7615E-07	.1043E-0
122	0.00	0.000	0.184	0.2225	1.5127	.0000E+00	.2988E-01	0.5337	.1509E-01	.2657E-02	0.0003	.6225E-07	.9436E-0
123	0.00	0.000	0.171	0.1892	0.9409	.0000E+00	.2861E-01	0.5640	.1595E-01	.2772E-02	0.0003	.5325E-07	.8732E-0
124	0.00	0.000	0.167	0.1579	0.4753	.0000E+00	.2087E-01	0.5821	.1646E-01	.2840E-02	0.0003	.5089E-07	.8539E-0
125	0.00	0.000	0.137	0.1350	0.0000	.0000E+00	.0000E+00	0.5654	.1599E-01	.2778E-02	0.0003	.6505E-07	.9647E-0
126	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5166	.1461E-01	.2592E-02	0.0004	.9949E-07	.1192E-0
127	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4718	.1334E-01	.2418E-02	0.0005	.1369E-06	.1397E-0
128	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4308	.1218E-01	.2255E-02	0.0003	.8734E-07	.1185E-0
129	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3933	.1112E-01	.2103E-02	0.0005	.2003E-06	.1707E-0
130	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3589	.1015E-01	.1960E-02	0.0006	.2384E-06	.1859E-0
131	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3274	.9257E-02	.1827E-02	0.0006	.2751E-06	.2500E-0
132	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2985	.8441E-02	.1703E-02	0.0007	.3229E-06	.2142E-0
133	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2722	.7695E-02	.1587E-02	0.0007	.3544E-06	.2244E-0
134	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2480	.7013E-02	.1478E-02	0.0008	.3832E-06	.2333E-0
135	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2259	.6389E-02	.1376E-02	0.0004	.2045E-06	.1810E-0
136	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2057	.5818E-02	.1281E-02	0.0008	.4222E-06	.2460E-0
137	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1873	.5296E-02	.1193E-02	0.0008	.4431E-06	.2519E-0
138	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1704	.4819E-02	.1110E-02	0.0008	.4594E-06	.3211E-0
139	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1550	.4383E-02	.1032E-02	0.0009	.4833E-06	.2619E-0
140	0.15	0.000	0.016	0.1574	0.0000	.0000E+00	.0000E+00	0.1409	.3985E-02	.9601E-03	0.0009	.4951E-06	.2651E-0
141	0.12	0.000	0.016	0.1748	0.0000	.0000E+00	.0000E+00	0.1281	.3622E-02	.8926E-03	0.0004	.2543E-06	.2011E-0
142	0.00	0.000	0.017	0.1718	0.0000	.0000E+00	.0000E+00	0.1164	.3290E-02	.8296E-03	0.0009	.5068E-06	.2690E-0
143	0.08	0.000	0.021	0.1816	0.0000	.0000E+00	.0000E+00	0.1057	.2987E-02	.7708E-03	0.0009	.5125E-06	.2704E-0
144	0.02	0.000	0.025	0.1808	0.0000	.0000E+00	.0000E+00	0.0959	.2711E-02	.7159E-03	0.0009	.5163E-06	.2714E-0
145	0.32	0.000	0.027	0.2296	0.0000	.0000E+00	.0000E+00	0.0870	.2460E-02	.6647E-03	0.0009	.5160E-06	.3394E-0
146	0.23	0.000	0.028	0.2634	0.0000	.0000E+00	.0000E+00	0.0789	.2230E-02	.6169E-03	0.0009	.5209E-06	.2719E-0
147	0.18	0.000	0.029	0.2885	0.0000	.0000E+00	.0000E+00	0.0715	.2021E-02	.5724E-03	0.0005	.2620E-06	.2041E-0
148	0.00	0.000	0.269	0.2426	0.0126	.0000E+00	.6661E-02	0.0714	.2018E-02	.5716E-03	0.0009	.5058E-06	.2679E-0
149	0.09	0.000	0.030	0.2502	0.0249	.0000E+00	.1482E-01	0.0900	.2546E-02	.6818E-03	0.0009	.4638E-06	.3176E-0
150	1.90	0.369	0.030	0.4977	0.9960	.0000E+00	.1547E-01	0.1208	.3416E-02	.8533E-03	0.0008	.3745E-06	.2306E-0
151	0.00	0.000	0.262	0.4476	5.4077	.0000E+00	.3849E-01	0.1728	.4885E-02	.1119E-02	0.0007	.2856E-06	.2014E-0
152	0.01	0.000	0.145	0.4190	4.5728	.0000E+00	.3664E-01	0.2554	.7221E-02	.1510E-02	0.0005	.1829E-06	.1613E-0
153	0.25	0.000	0.195	0.4222	4.1039	.0000E+00	.3561E-01	0.3269	.9244E-02	.1825E-02	0.0002	.5959E-07	.9760E-0
154	0.38	0.000	0.213	0.4440	3.9326	.0000E+00	.3523E-01	0.3904	.1104E-01	.2091E-02	0.0004	.9300E-07	.1115E-0
155	0.00	0.000	0.251	0.3962	4.1781	.0000E+00	.3577E-01	0.4484	.1268E-01	.2325E-02	0.0003	.6057E-07	.1113E-0
156	0.24	0.000	0.221	0.3936	3.5724	.0000E+00	.3443E-01	0.5011	.1417E-01	.2532E-02	0.0002	.3203E-07	.6775E-0
157	0.19	0.000	0.236	0.3803	3.0998	.0000E+00	.3339E-01	0.5462	.1544E-01	.2705E-02	0.0001	.1049E-07	.4074E-0
158	0.00	0.000	0.264	0.3309	2.7226	.0000E+00	.3255E-01	0.5851	.1654E-01	.2851E-02	0.0002	.1714E-07	.5964E-0
159	0.00	0.000	0.263	0.2818	2.3083	.0000E+00	.3164E-01	0.6184	.1749E-01	.2976E-02	0.0001	.1039E-07	.3879E-0
160	0.00	0.000	0.279	0.2303	1.7223	.0000E+00	.3034E-01	0.6462	.1827E-01	.3078E-02	0.0001	.8323E-08	.3477E-0
161	0.00	0.000	0.270	0.1806	0.9137	.0000E+00	.2855E-01	0.6678	.1888E-01	.3157E-02	0.0001	.7702E-08	.3348E-0
162	0.02	0.000	0.219	0.1451	0.2339	.0000E+00	.1375E-01	0.6701	.1895E-01	.3165E-02	0.0001	.1071E-07	.3943E-0
163	0.22	0.000	0.101	0.1650	0.0000	.0000E+00	.0000E+00	0.6346	.1794E-01	.3035E-02	0.0002	.2400E-07	.5879E-0
164	0.00	0.000	0.037	0.1588	0.0000	.0000E+00	.0000E+00	0.5800	.1640E-01	.2833E-02	0.0003	.4995E-07	.8459E-0
165	0.00	0.000	0.047	0.1509	0.0000	.0000E+00	.0000E+00	0.5300	.1499E-01	.2643E-02	0.0004	.8167E-07	.1080E-0
166	0.00	0.000	0.054	0.1419	0.0000	.0000E+00	.0000E+00	0.4841	.1369E-01	.2466E-02	0.0004	.1171E-06	.1292E-0
167	0.00	0.000	0.038	0.1356	0.0000	.0000E+00	.0000E+00	0.4421	.1250E-01	.2300E-02	0.0005	.1545E-06	.1484E-0
168	0.14	0.000	0.033	0.1533	0.0000	.0000E+00	.0000E+00	0.4036	.1141E-01	.2145E-02	0.0005	.1925E-06	.1656E-0
169	0.00	0.000	0.024	0.1493	0.0000	.0000E+00	.0000E+00	0.3683	.1041E-01	.2000E-02	0.0003	.1149E-06	.1357E-0
170	0.47	0.000	0.041	0.2208	0.0000	.0000E+00	.0000E+00	0.3360	.9501E-02	.1864E-02	0.0006	.2528E-06	.2399E-0
171	0.00	0.000	0.221	0.1839	0.0000	.0000E+00	.0000E+00	0.3064	.8665E-02	.1737E-02	0.0007	.3007E-06	.2068E-0
172	0.00	0.000	0.056	0.1745	0.0000	.0000E+00	.0000E+00	0.2794	.7900E-02	.1619E-02	0.0007	.3328E-06	.2175E-0
173	0.00	0.000	0.058	0.1649	0.0000	.0000E+00	.0000E+00	0.2546	.7200E-02	.1508E-02	0.0007	.3622E-06	.2268E-0
174	0.00	0.000	0.064	0.1543	0.0000	.0000E+00	.0000E+00	0.2320	.6559E-02	.1404E-02	0.0008	.3888E-06	.2350E-0
175	0.00	0.000	0.061	0.1441	0.0000	.0000E+00	.0000E+00	0.2113	.5974E-02	.1308E-02	0.0008	.4126E-06	.2421E-0
176	0.00	0.000	0.041	0.1373	0.0000	.0000E+00	.0000E+00	0.1923	.5439E-02	.1217E-02	0.0008	.4335E-06	.2481E-0
177	0.00	0.000	0.014	0.1350	0.0000	.0000E+00	.0000E+00	0.1750	.4949E-02	.1133E-02	0.0008	.4515E-06	.2532E-0
178	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1592	.4502E-02	.1054E-02	0.0009	.4669E-06	.2574E-0
179	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1448	.4094E-02	.9801E-03	0.0009	.4796E-06	.2609E-0
180	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1316	.3721E-02	.9112E-03	0.0009	.4899E-06	.2637E-0
181	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1196	.3381E-02	.8470E-03	0.0009	.4980E-06	.2659E-0
182	0.52	0.000	0.044	0.2143	0.0000	.0000E+00	.0000E+00	0.1086	.3070E-02	.7870E-03	0.0009	.5039E-06	.2674E-0
183	0.15	0.000	0.059	0.2294	0.0000	.0000E+00	.0000E+00	0.0986	.2787E-02	.7311E-03	0.0009	.5079E-06	.2685E-0
184	0.00	0.000	0.313	0.1772	0.0000	.0000E+00	.0000E+00	0.0894	.2529E-02	.6788E-03	0.0004	.2550E-06	.2022E-0
185	0.00	0.000	0.075	0.1648	0.0000	.0000E+00	.0000E+00	0.0811	.2293E-02	.6301E-03	0.0009	.5083E-06	.2692E-0
186	0.00	0.000	0.076	0.1522	0.0000	.0000E+00	.0000E+00	0.0735	.2078E-02	.5847E-03	0.0009	.5080E-06	.2691E-0
187	0.00	0.000	0.067	0.1411	0.0000	.0000E+00	.0000E+00	0.0666	.1883E-02	.5423E-03	0.0009	.5064E-06	.3353E-0
188	0.00	0.000	0.032	0.1358	0.0000	.0000E+00	.0000E+00	0.0603	.1705E-02	.5028E-03	0.0009	.5047E-06	.2676E-0
189	0.15	0.000	0.040	0.1540	0.0000	.0000E+00	.0000E+00	0.0546	.1543E-02	.4660E-03	0.0004	.2502E-06	.2003E-0
190	0.00	0.000	0.038	0.1477	0.0000	.0000E+00	.0000E+00	0.0493	.1395E-02	.4317E-03	0.0009	.4950E-06	.2655E-0
191	0.00	0.000	0.055	0.1386	0.0000	.0000E+00	.0000E+00	0.0446	.1261E-02	.3998E-03	0.0009	.4895E-06	.2640E-0
192	0.00	0.000	0.017	0.1357	0.0000	.0000E+00	.0000E+00	0.0403	.1139E-02	.3701E-03	0.0009	.4833E-06	.2623E-0
193	0.00	0.000	0.003	0.1351	0.0000	.0000E+00	.0000E+00	0.0364	.1029E-02	.3424E-03	0.0009	.4765E-06	.2604E-0
194	0.04	0.000	0.016	0.1391	0.0000	.0000E+00	.0000E+00	0.0328	.9282E-03	.3166E-03	0.0009	.4692E-06	.2584E-0
195	0.00	0.000	0.008	0.1378	0.0000	.0000E+00	.0000E+00	0.0296	.8369E-03	.2926E-03	0.0008	.4615E-06	.2562E-0
196	0.00	0.000	0.013	0.1357	0.0000	.0000E+00	.0000E+00	0.0267	.7541E-03	.2703E-03	0.0008	.4534E-06	.2540E-0
197	0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.0240	.6790E-03	.2496E-03	0.0008	.4451E-06	.2516E-0
198	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0216	.6110E-03	.2303E-03	0.0008	.4366E-06	.2492E-0
199	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0194	.5494E-03	.2125E-03	0.0008	.4279E-06	.2467E-0
200	0.41	0.000	0.034	0.1977	0.0000	.0000E+00	.0000E+00	0.0175	.4936E-03	.1958E-03	0.0008	.4174E-06	.3046E-0
201	0.00	0.000	0.188	0.1663	0.0000	.0000E+00	.0000E+00	0.0157	.4431E-03	.1804E-03	0.0008	.4088E-06	.2409E-0
202	0.26	0.000	0.097	0.1935	0.0000	.0000E+00	.0000E+00	0.0141	.3974E-03	.1661E-03	0.0008	.3998E-06	.2382E-0
203	0.00	0.000	0.257	0.1507	0.0000	.0000E+00	.0000E+00	0.0126	.3562E-03	.1528E-03	0.0008	.3909E-06	.2355E-0
204	0.00	0.000	0.085	0.1366	0.0000	.0000E+00	.0000E+00	0.0113	.3189E-03	.1405E-03	0.0008	.3820E-06	.2329E-0
205	0.19	0.000	0.057	0.1587	0.0000	.0000E+00	.0000E+00	0.0101	.2853E-03	.1291E-03	0.0008	.3732E-06	.2302E-0
206	0.13	0.000	0.059	0.1705	0.0000	.0000E+00	.0000E+00	0.0090	.2550E-03	.1185E-03	0.0008	.3645E-06	.2275E-0
207	0.00	0.000	0.128	0.1491	0.0000	.0000E+00	.0000E+00	0.0081	.2277E-03	.1088E-03	0.0007	.3559E-06	.2248E-0
208	0.00	0.000	0.051	0.1407	0.0000	.0000E+00	.0000E+00	0.0072	.2031E-03	.9970E-04	0.0007	.3474E-06	.2221E-0
209	0.00	0.000	0.029	0.1359	0.0000	.0000E+00	.0000E+00	0.0064	.1810E-03	.9133E-04	0.0007	.3391E-06	.2194E-0
210	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0057	.1611E-03	.8359E-04	0.0007	.3308E-06	.2167E-0
211	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0051	.1432E-03	.7645E-04	0.0007	.3228E-06	.2141E-0
212	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0045	.1272E-03	.6985E-04	0.0007	.3149E-06	.2114E-0
213	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0040	.1128E-03	.6376E-04	0.0003	.1536E-06	.1569E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0035	.9991E-04	.5815E-04	0.0007	.3013E-06	.2069E-0

215		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0031	.8838E-04	.5297E-04	0.0007	.2938E-06	.2043E-0
216		0.57	0.000	0.078	0.2170	0.0000	.0000E+00	.0000E+00	0.0028	.7808E-04	.4821E-04	0.0007	.2866E-06	.2018E-0
217		0.00	0.000	0.248	0.1757	0.0000	.0000E+00	.0000E+00	0.0024	.6887E-04	.4383E-04	0.0007	.2795E-06	.1993E-0
218		0.00	0.000	0.217	0.1395	0.0000	.0000E+00	.0000E+00	0.0021	.6066E-04	.3980E-04	0.0006	.2726E-06	.1968E-0
219		0.90	0.013	0.157	0.2611	0.0000	.0000E+00	.0000E+00	0.0019	.5335E-04	.3610E-04	0.0006	.2659E-06	.1944E-0
220		1.94	0.578	0.241	0.4456	0.4393	.0000E+00	.1424E-01	0.0158	.4456E-03	.1719E-03	0.0006	.2368E-06	.2258E-0
221		0.00	0.000	0.295	0.3907	3.8862	.0000E+00	.3512E-01	0.0718	.2030E-02	.5678E-03	0.0005	.1308E-06	.1363E-0
222		0.00	0.000	0.258	0.3421	3.3394	.0000E+00	.3392E-01	0.1551	.4384E-02	.1031E-02	0.0003	.5637E-07	.8956E-0
223		0.84	0.033	0.202	0.4375	2.9964	.0000E+00	.3316E-01	0.2284	.6458E-02	.1387E-02	0.0001	.1036E-07	.4088E-0
224		0.10	0.000	0.206	0.4139	3.9978	.0000E+00	.3537E-01	0.2964	.8381E-02	.1693E-02	0.0001	.1004E-07	.3284E-0
225		0.00	0.000	0.252	0.3661	3.7205	.0000E+00	.3476E-01	0.3616	.1022E-01	.1971E-02	0.0000	.1233E-08	.7128E-0
226		0.00	0.000	0.220	0.3239	3.0774	.0000E+00	.3334E-01	0.4189	.1184E-01	.2207E-02	0.0000	.0000E+00	.0000E+0
227		0.00	0.000	0.215	0.2828	2.5193	.0000E+00	.3210E-01	0.4678	.1323E-01	.2402E-02	0.0000	.0000E+00	.0000E+0
228		0.00	0.000	0.233	0.2388	1.8171	.0000E+00	.3055E-01	0.5092	.1440E-01	.2563E-02	0.0000	.0000E+00	.0000E+0
229		0.06	0.000	0.183	0.2135	1.2045	.0000E+00	.2920E-01	0.5432	.1536E-01	.2693E-02	0.0000	.0000E+00	.0000E+0
230		0.00	0.000	0.202	0.1751	0.7199	.0000E+00	.2812E-01	0.5711	.1615E-01	.2799E-02	0.0000	.0000E+00	.0000E+0
231		0.00	0.000	0.187	0.1429	0.1330	.0000E+00	.6846E-02	0.5739	.1623E-01	.2809E-02	0.0000	.0000E+00	.0000E+0
232		1.43	0.135	0.200	0.3254	0.0000	.0000E+00	.0000E+00	0.5353	.1514E-01	.2663E-02	0.0000	.0000E+00	.0000E+0
233		0.00	0.000	0.221	0.2852	0.5330	.0000E+00	.2108E-01	0.5100	.1442E-01	.2566E-02	0.0000	.0000E+00	.0000E+0
234		0.00	0.000	0.271	0.2352	0.8200	.0000E+00	.2834E-01	0.5278	.1492E-01	.2635E-02	0.0000	.0000E+00	.0000E+0
235		0.00	0.000	0.200	0.1972	0.6469	.0000E+00	.2796E-01	0.5555	.1571E-01	.2740E-02	0.0000	.0000E+00	.0000E+0
236		0.15	0.000	0.172	0.1889	0.4688	.0000E+00	.2757E-01	0.5799	.1640E-01	.2832E-02	0.0000	.0000E+00	.0000E+0
237		0.00	0.000	0.188	0.1553	0.1612	.0000E+00	.1359E-01	0.5877	.1662E-01	.2861E-02	0.0000	.0000E+00	.0000E+0
238		0.18	0.000	0.150	0.1603	0.0000	.0000E+00	.0000E+00	0.5589	.1580E-01	.2753E-02	0.0000	.0000E+00	.0000E+0
239		0.00	0.000	0.115	0.1412	0.0000	.0000E+00	.0000E+00	0.5106	.1444E-01	.2568E-02	0.0000	.1766E-11	.5309E-0
240		0.30	0.000	0.124	0.1706	0.0000	.0000E+00	.0000E+00	0.4663	.1319E-01	.2396E-02	0.0000	.1889E-08	.1735E-0
241		0.00	0.000	0.156	0.1445	0.0000	.0000E+00	.0000E+00	0.4258	.1204E-01	.2235E-02	0.0001	.9092E-08	.3766E-0
242		0.00	0.000	0.050	0.1361	0.0000	.0000E+00	.0000E+00	0.3886	.1099E-01	.2084E-02	0.0002	.2089E-07	.5628E-0
243		0.00	0.000	0.006	0.1352	0.0000	.0000E+00	.0000E+00	0.3546	.1003E-01	.1943E-02	0.0002	.3603E-07	.7331E-0
244		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.3235	.9147E-02	.1811E-02	0.0003	.5347E-07	.1121E-0
245		0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.2950	.8341E-02	.1687E-02	0.0004	.7944E-07	.1064E-0
246		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2689	.7604E-02	.1572E-02	0.0004	.9928E-07	.1189E-0
247		0.36	0.000	0.075	0.1825	0.0000	.0000E+00	.0000E+00	0.2451	.6929E-02	.1464E-02	0.0004	.1191E-06	.1302E-0
248		0.00	0.000	0.134	0.1603	0.0000	.0000E+00	.0000E+00	0.2232	.6312E-02	.1364E-02	0.0002	.6927E-07	.1053E-0
249		0.00	0.000	0.125	0.1394	0.0000	.0000E+00	.0000E+00	0.2033	.5747E-02	.1270E-02	0.0005	.1502E-06	.1473E-0
250		0.00	0.000	0.022	0.1358	0.0000	.0000E+00	.0000E+00	0.1850	.5232E-02	.1182E-02	0.0005	.1682E-06	.1557E-0
251		0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.1684	.4760E-02	.1099E-02	0.0005	.1851E-06	.1632E-0
252		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1531	.4330E-02	.1023E-02	0.0006	.2004E-06	.2126E-0
253		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1392	.3936E-02	.9511E-03	0.0003	.1109E-06	.1330E-0
254		0.04	0.000	0.028	0.1370	0.0000	.0000E+00	.0000E+00	0.1265	.3577E-02	.8842E-03	0.0006	.2283E-06	.1809E-0
255		0.39	0.000	0.064	0.1913	0.0000	.0000E+00	.0000E+00	0.1149	.3249E-02	.8218E-03	0.0006	.2394E-06	.2319E-0
256		0.00	0.000	0.140	0.1679	0.0000	.0000E+00	.0000E+00	0.1043	.2950E-02	.7635E-03	0.0003	.1281E-06	.1429E-0
257		0.00	0.000	0.081	0.1545	0.0000	.0000E+00	.0000E+00	0.0947	.2677E-02	.7091E-03	0.0006	.2595E-06	.1927E-0
258		1.03	0.032	0.084	0.3068	0.0000	.0000E+00	.0000E+00	0.0859	.2429E-02	.6583E-03	0.0006	.2674E-06	.1955E-0
259		0.00	0.000	0.140	0.2800	0.1909	.0000E+00	.2032E-01	0.0981	.2773E-02	.7271E-03	0.0006	.2546E-06	.1893E-0
260		0.00	0.000	0.135	0.2529	0.3879	.0000E+00	.2739E-01	0.1488	.4207E-02	.9995E-03	0.0006	.2009E-06	.1653E-0
261		0.00	0.000	0.185	0.2175	0.2935	.0000E+00	.2718E-01	0.2062	.5831E-02	.1283E-02	0.0005	.1384E-06	.1364E-0
262		0.00	0.000	0.138	0.1899	0.1439	.0000E+00	.2685E-01	0.2581	.7297E-02	.1523E-02	0.0004	.9257E-07	.1115E-0
263		0.00	0.000	0.150	0.1627	0.0329	.0000E+00	.1333E-01	0.2915	.8243E-02	.1672E-02	0.0003	.6644E-07	.9532E-0
264		0.00	0.000	0.133	0.1405	0.0060	.0000E+00	.0000E+00	0.2872	.8120E-02	.1653E-02	0.0003	.6221E-07	.9438E-0
265		0.00	0.000	0.033	0.1350	0.0000	.0000E+00	.0000E+00	0.2618	.7401E-02	.1540E-02	0.0003	.7477E-07	.1045E-0
266		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2385	.6744E-02	.1434E-02	0.0004	.9255E-07	.1160E-0
267		0.10	0.000	0.030	0.1467	0.0000	.0000E+00	.0000E+00	0.2172	.6143E-02	.1336E-02	0.0004	.1103E-06	.1587E-0
268		1.42	0.135	0.116	0.3416	0.0000	.0000E+00	.0000E+00	0.1978	.5593E-02	.1243E-02	0.0005	.1341E-06	.1381E-0
269		0.00	0.000	0.145	0.3139	0.8203	.0000E+00	.2171E-01	0.2016	.5700E-02	.1261E-02	0.0004	.1302E-06	.1361E-0
270		0.92	0.040	0.152	0.4302	1.7370	.0000E+00	.3037E-01	0.2485	.7028E-02	.1480E-02	0.0004	.9203E-07	.1145E-0
271		0.02	0.000	0.107	0.4098	3.8462	.0000E+00	.3504E-01	0.3100	.8767E-02	.1752E-02	0.0003	.5472E-07	.8833E-0
272		0.00	0.000	0.132	0.3821	3.6814	.0000E+00	.3467E-01	0.3735	.1056E-01	.2021E-02	0.0002	.2830E-07	.6361E-0
273		0.47	0.000	0.104	0.4374	3.5086	.0000E+00	.3429E-01	0.4306	.1217E-01	.2254E-02	0.0001	.1310E-07	.4338E-0
274		0.22	0.000	0.118	0.4485	4.2353	.0000E+00	.3590E-01	0.4838	.1368E-01	.2464E-02	0.0000	.2355E-08	.1922E-0
275		0.00	0.000	0.095	0.4266	4.4786	.0000E+00	.3643E-01	0.5358	.1515E-01	.2665E-02	0.0001	.2165E-08	.1451E-0
276		0.00	0.000	0.073	0.4086	4.0801	.0000E+00	.3555E-01	0.5833	.1649E-01	.2845E-02	0.0000	.2793E-09	.3152E-0
277		0.00	0.000	0.058	0.3932	3.7844	.0000E+00	.3490E-01	0.6249	.1767E-01	.3000E-02	0.0000	.6188E-13	.4691E-0
278		0.00	0.000	0.062	0.3772	3.5351	.0000E+00	.3435E-01	0.6614	.1870E-01	.3133E-02	0.0000	.0000E+00	.0000E+0
279		0.00	0.000	0.096	0.3556	3.2654	.0000E+00	.3375E-01	0.6934	.1961E-01	.3249E-02	0.0000	.0000E+00	.0000E+0
280		0.00	0.000	0.082	0.3364	2.9805	.0000E+00	.3312E-01	0.7211	.2039E-01	.3349E-02	0.0000	.0000E+00	.0000E+0
281		0.00	0.000	0.092	0.3156	2.7505	.0000E+00	.3261E-01	0.7450	.2107E-01	.3434E-02	0.0000	.0000E+00	.0000E+0
282		0.00	0.000	0.114	0.2913	2.4790	.0000E+00	.3201E-01	0.7656	.2165E-01	.3507E-02	0.0000	.0000E+00	.0000E+0
283		0.00	0.000	0.066	0.2752	2.1022	.0000E+00	.3118E-01	0.7826	.2213E-01	.3567E-02	0.0000	.0000E+00	.0000E+0
284		0.00	0.000	0.066	0.2590	1.8523	.0000E+00	.3063E-01	0.7963	.2252E-01	.3615E-02	0.0000	.0000E+00	.0000E+0
285		0.00	0.000	0.061	0.2439	1.6857	.0000E+00	.3026E-01	0.8077	.2284E-01	.3655E-02	0.0000	.0000E+00	.0000E+0
286		0.00	0.000	0.075	0.2264	1.4221	.0000E+00	.2968E-01	0.8169	.2310E-01	.3687E-02	0.0000	.0000E+00	.0000E+0
287		0.00	0.000	0.096	0.2057	1.0137	.0000E+00	.2877E-01	0.8235	.2329E-01	.3710E-02	0.0000	.0000E+00	.0000E+0
288		0.00	0.000	0.109	0.1828	0.7946	.0000E+00	.2829E-01	0.8277	.2340E-01	.3724E-02	0.0000	.2689E-10	.1709E-0
289		0.00	0.000	0.077	0.1653	0.4538	.0000E+00	.2754E-01	0.8299	.2347E-01	.3732E-02	0.0000	.6505E-09	.1380E-0
290		0.00	0.000	0.070	0.1526	0.0481	.0000E+00	.6717E-02	0.8101	.2291E-01	.3663E-02	0.0001	.5397E-08	.2819E-0
291		0.00	0.000	0.071	0.1407	0.0000	.0000E+00	.0000E+00	0.7518	.2126E-01	.3458E-02	0.0002	.2258E-07	.5713E-0
292		0.00	0.000	0.034	0.1350	0.0000	.0000E+00	.0000E+00	0.6874	.1944E-01	.3228E-02	0.0003	.5311E-07	.8731E-0
293		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6284	.1777E-01	.3013E-02	0.0004	.9195E-07	.1147E-0
294		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5743	.1624E-01	.2811E-02	0.0005	.1362E-06	.1394E-0
295		0.03	0.000	0.020	0.1366	0.0000	.0000E+00	.0000E+00	0.5248	.1484E-01	.2623E-02	0.0005	.1833E-06	.1617E-0
296		0.00	0.000	0.003	0.1361	0.0000	.0000E+00	.0000E+00	0.4793	.1355E-01	.2447E-02	0.0006	.2315E-06	.1816E-0
297		0.00	0.000	0.005	0.1352	0.0000	.0000E+00	.0000E+00	0.4377	.1238E-01	.2282E-02	0.0007	.2793E-06	.1994E-0
298		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.3996	.1130E-01	.2128E-02	0.0007	.3254E-06	.2151E-0
299	*	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3646	.1031E-01	.1984E-02	0.0008	.3690E-06	.2290E-0
300		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3326	.9406E-02	.1850E-02	0.0008	.4096E-06	.2413E-0
301		0.31	0.000	0.031	0.1816	0.0000	.0000E+00	.0000E+00	0.3034	.8578E-02	.1724E-02	0.0004	.2243E-06	.1892E-0
302		0.29	0.000	0.038	0.2236	0.0000	.0000E+00	.0000E+00	0.2766	.7820E-02	.1606E-02	0.0008	.4665E-06	.2589E-0
303		0.20	0.000	0.060	0.2469	0.0000	.0000E+00	.0000E+00	0.2521	.7127E-02	.1496E-02	0.0009	.4972E-06	.2671E-0
304		0.12	0.000	0.066	0.2559	0.0000	.0000E+00	.0000E+00	0.2296	.6493E-02	.1393E-02	0.0009	.5241E-06	.2741E-0
305		0.00	0.000	0.061	0.2457	0.0000	.0000E+00	.0000E+00	0.2091	.5913E-02	.1297E-02	0.0009	.5473E-06	.2799E-0
306		0.28	0.000	0.067	0.2811	0.0000	.0000E+00	.0000E+00	0.1904	.5383E-02	.1208E-02	0.0009	.5669E-06	.2848E-0
307		0.00	0.000	0.057	0.2716	0.0008	.0000E+00	.2573E-03	0.1735	.4906E-02	.1125E-02	0.0009	.5828E-06	.3606E-0
308		0.00	0.000	0.055	0.2624	0.0000	.0000E+00	.0000E+00	0.1582	.4474E-02	.1049E-02	0.0010	.6017E-06	.2922E-0
309		0.02	0.000	0.061	0.2556	0.0000	.0000E+00	.0000E+00	0.1439	.4068E-02	.9754E-03	0.0010	.6109E-06	.2944E-0
310		0.02	0.000	0.059	0.2491	0.0000	.0000E+00	.0000E+00	0.1308	.3698E-02	.9069E-03	0.0010	.6174E-06	.2960E-0

311		0.00	0.000	0.070	0.2374	0.0000	.0000E+00	.0000E+00	0.1188	.3359E-02	.8429E-03	0.0005	.3136E-06	.2232E-0
312		0.00	0.000	0.059	0.2276	0.0007	.0000E+00	.1146E-03	0.1080	.3054E-02	.7838E-03	0.0010	.6195E-06	.3710E-0
313		0.17	0.000	0.061	0.2458	0.0000	.0000E+00	.0000E+00	0.0982	.2777E-02	.7291E-03	0.0010	.6223E-06	.2971E-0
314		0.00	0.000	0.059	0.2360	0.0000	.0000E+00	.0000E+00	0.0891	.2520E-02	.6770E-03	0.0010	.6203E-06	.2967E-0
315		0.00	0.000	0.062	0.2257	0.0000	.0000E+00	.0000E+00	0.0808	.2285E-02	.6284E-03	0.0010	.6168E-06	.2958E-0
316		0.00	0.000	0.067	0.2146	0.0000	.0000E+00	.0000E+00	0.0732	.2071E-02	.5831E-03	0.0005	.3059E-06	.2215E-0
317		0.00	0.000	0.064	0.2039	0.0000	.0000E+00	.0000E+00	0.0664	.1876E-02	.5409E-03	0.0010	.6050E-06	.2935E-0
318		0.00	0.000	0.059	0.1941	0.0000	.0000E+00	.0000E+00	0.0601	.1699E-02	.5015E-03	0.0010	.5953E-06	.3642E-0
319		0.00	0.000	0.057	0.1846	0.0000	.0000E+00	.0000E+00	0.0544	.1537E-02	.4647E-03	0.0010	.5903E-06	.2894E-0
320		0.00	0.000	0.053	0.1757	0.0000	.0000E+00	.0000E+00	0.0492	.1390E-02	.4305E-03	0.0009	.5815E-06	.2872E-0
321		0.00	0.000	0.039	0.1693	0.0000	.0000E+00	.0000E+00	0.0444	.1257E-02	.3987E-03	0.0009	.5719E-06	.2849E-0
322		0.00	0.000	0.039	0.1628	0.0000	.0000E+00	.0000E+00	0.0402	.1135E-02	.3690E-03	0.0005	.2809E-06	.2123E-0
323		0.39	0.000	0.053	0.2189	0.0000	.0000E+00	.0000E+00	0.0362	.1025E-02	.3414E-03	0.0009	.5526E-06	.2804E-0
324		0.00	0.000	0.037	0.2128	0.0000	.0000E+00	.0000E+00	0.0327	.9248E-03	.3157E-03	0.0009	.5420E-06	.2776E-0
325		0.00	0.000	0.034	0.2070	0.0000	.0000E+00	.0000E+00	0.0295	.8338E-03	.2918E-03	0.0009	.5286E-06	.3429E-0
326		0.00	0.000	0.033	0.2016	0.0000	.0000E+00	.0000E+00	0.0266	.7513E-03	.2696E-03	0.0009	.5183E-06	.2712E-0
327		0.00	0.000	0.031	0.1965	0.0000	.0000E+00	.0000E+00	0.0239	.6765E-03	.2489E-03	0.0009	.5069E-06	.2682E-0
328		0.00	0.000	0.030	0.1915	0.0000	.0000E+00	.0000E+00	0.0215	.6087E-03	.2297E-03	0.0009	.4955E-06	.2652E-0
329		0.00	0.000	0.028	0.1868	0.0000	.0000E+00	.0000E+00	0.0194	.5473E-03	.2118E-03	0.0009	.4841E-06	.2621E-0
330		0.00	0.000	0.027	0.1822	0.0000	.0000E+00	.0000E+00	0.0174	.4917E-03	.1953E-03	0.0009	.4726E-06	.2590E-0
331		0.06	0.000	0.039	0.1858	0.0000	.0000E+00	.0000E+00	0.0156	.4413E-03	.1799E-03	0.0008	.4613E-06	.2559E-0
332		0.38	0.000	0.038	0.2428	0.0000	.0000E+00	.0000E+00	0.0140	.3959E-03	.1656E-03	0.0008	.4500E-06	.2527E-0
333		0.07	0.000	0.059	0.2446	0.0000	.0000E+00	.0000E+00	0.0125	.3548E-03	.1524E-03	0.0008	.4389E-06	.2496E-0
334		0.03	0.000	0.052	0.2408	0.0000	.0000E+00	.0000E+00	0.0112	.3177E-03	.1401E-03	0.0008	.4279E-06	.2464E-0
335	*	0.00	0.000	0.030	0.2358	0.0000	.0000E+00	.0000E+00	0.0101	.2842E-03	.1287E-03	0.0008	.4171E-06	.2433E-0
336	*	0.00	0.000	0.000	0.2358	0.0000	.0000E+00	.0000E+00	0.0090	.2540E-03	.1182E-03	0.0008	.4065E-06	.2402E-0
337	*	0.00	0.000	0.000	0.2358	0.0000	.0000E+00	.0000E+00	0.0080	.2268E-03	.1084E-03	0.0004	.1997E-06	.1782E-0
338	*	0.00	0.000	0.028	0.2312	0.0000	.0000E+00	.0000E+00	0.0072	.2023E-03	.9939E-04	0.0008	.3880E-06	.2348E-0
339	*	0.00	0.000	0.027	0.2267	0.0000	.0000E+00	.0000E+00	0.0064	.1802E-03	.9104E-04	0.0008	.3780E-06	.2317E-0
340		0.00	0.000	0.034	0.2211	0.0000	.0000E+00	.0000E+00	0.0057	.1604E-03	.8333E-04	0.0008	.3682E-06	.2287E-0
341		0.18	0.000	0.050	0.2427	0.0000	.0000E+00	.0000E+00	0.0050	.1426E-03	.7620E-04	0.0007	.3586E-06	.2257E-0
342		0.14	0.000	0.052	0.2574	0.0000	.0000E+00	.0000E+00	0.0045	.1266E-03	.6962E-04	0.0007	.3493E-06	.2227E-0
343		0.17	0.000	0.049	0.2776	0.0000	.0000E+00	.0000E+00	0.0040	.1123E-03	.6355E-04	0.0007	.3402E-06	.2198E-0
344	*	0.00	0.000	0.027	0.2730	0.0000	.0000E+00	.0000E+00	0.0035	.9947E-04	.5795E-04	0.0007	.3313E-06	.2169E-0
345	*	0.00	0.000	0.032	0.2678	0.0000	.0000E+00	.0000E+00	0.0031	.8799E-04	.5280E-04	0.0007	.3226E-06	.2141E-0
346		0.00	0.000	0.035	0.2619	0.0000	.0000E+00	.0000E+00	0.0027	.7773E-04	.4805E-04	0.0007	.3130E-06	.2636E-0
347	*	0.00	0.000	0.029	0.2570	0.0000	.0000E+00	.0000E+00	0.0024	.6856E-04	.4368E-04	0.0003	.1533E-06	.1562E-0
348	*	0.12	0.000	0.025	0.2603	0.0000	.0000E+00	.0000E+00	0.0021	.6039E-04	.3966E-04	0.0007	.2981E-06	.2058E-0
349	*	0.00	0.000	0.033	0.2636	0.0000	.0000E+00	.0000E+00	0.0019	.5310E-04	.3597E-04	0.0007	.2904E-06	.2031E-0
350	*	0.00	0.000	0.036	0.2616	0.0000	.0000E+00	.0000E+00	0.0016	.4662E-04	.3258E-04	0.0007	.2829E-06	.2004E-0
351	*	0.77	0.000	0.032	0.2649	0.0000	.0000E+00	.0000E+00	0.0014	.4086E-04	.2947E-04	0.0007	.2756E-06	.1978E-0
352	*	0.00	0.000	0.029	0.2681	0.0000	.0000E+00	.0000E+00	0.0013	.3574E-04	.2663E-04	0.0006	.2685E-06	.1953E-0
353	*	0.00	0.000	0.030	0.2714	0.0000	.0000E+00	.0000E+00	0.0011	.3121E-04	.2402E-04	0.0006	.2616E-06	.1928E-0
354		0.05	0.000	0.000	0.2929	0.0000	.0000E+00	.0000E+00	0.0010	.2720E-04	.2165E-04	0.0006	.2549E-06	.2375E-0
355		0.00	0.000	0.037	0.2962	0.0000	.0000E+00	.0000E+00	0.0008	.2365E-04	.1951E-04	0.0006	.2470E-06	.1873E-0
356		0.00	0.000	0.027	0.3129	0.0100	.0000E+00	.6655E-02	0.0073	.2067E-03	.9580E-04	0.0006	.2210E-06	.1772E-0
357		0.00	0.000	0.003	0.3663	0.7519	.0000E+00	.2819E-01	0.0451	.1276E-02	.3952E-03	0.0005	.1487E-06	.1453E-0
358		0.54	0.005	0.058	0.4402	3.0305	.0000E+00	.3323E-01	0.1190	.3364E-02	.8411E-03	0.0003	.7021E-07	.9992E-0
359		0.28	0.000	0.056	0.4714	4.5692	.0000E+00	.3663E-01	0.1978	.5592E-02	.1242E-02	0.0002	.2542E-07	.6018E-0
360		0.34	0.078	0.046	0.5010	5.5697	.0000E+00	.3885E-01	0.2775	.7845E-02	.1609E-02	0.0001	.4293E-08	.2483E-0
361		0.00	0.000	0.040	0.4878	5.8639	.0000E+00	.3950E-01	0.3546	.1003E-01	.1942E-02	0.0000	.0000E+00	.0000E+0
362		0.00	0.000	0.036	0.4753	5.5182	.0000E+00	.3873E-01	0.4254	.1203E-01	.2233E-02	0.0000	.0000E+00	.0000E+0
363		0.00	0.000	0.037	0.4629	5.1874	.0000E+00	.3800E-01	0.4884	.1381E-01	.2482E-02	0.0000	.0000E+00	.0000E+0
364		0.00	0.000	0.039	0.4502	4.8782	.0000E+00	.3732E-01	0.5442	.1539E-01	.2697E-02	0.0000	.0000E+00	.0000E+0
365	*	0.00	0.000	0.031	0.4390	4.6116	.0000E+00	.3673E-01	0.5937	.1679E-01	.2884E-02	0.0000	.0000E+00	.0000E+0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 18

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	2.14	4.19	3.81	3.04	3.09	1.92
	1.85	6.47	4.76	1.17	1.42	2.59
RUNOFF	1.656	2.864	3.805	0.102	0.369	0.000
	0.000	0.759	0.207	0.000	0.000	0.082
EVAPOTRANSPIRATION	0.599	0.686	2.023	1.797	1.564	3.448
	1.850	5.245	2.468	1.738	1.510	0.985
PERCOLATION/LEAKAGE THROUGH	0.6759	0.0279	0.5700	0.2355	0.1855	0.3479
LAYER 2	0.0000	0.4653	0.2712	0.5217	0.0004	0.3338
LATERAL DRAINAGE COLLECTED	0.8360	0.1180	0.2984	0.2428	0.2342	0.3292
FROM LAYER 3	0.0307	0.2894	0.1838	0.5245	0.0608	0.0887
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1279	0.0274	0.0554	0.0484	0.0467	0.0612
LAYER 4	0.0097	0.0529	0.0394	0.0890	0.0163	0.0177
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1488	0.1283	0.0553	0.0672	0.0650	0.0454
LAYER 7	0.0767	0.0208	0.0408	0.0270	0.0848	0.0500

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	2.208	0.000	1.368	0.268	0.364	1.045
TOP OF LAYER 2	0.000	0.983	0.488	1.321	0.000	1.290
STD. DEVIATION OF DAILY	2.532	0.002	1.629	0.663	1.051	1.628
HEAD ON TOP OF LAYER 2	0.000	1.391	1.137	1.583	0.000	2.213
AVERAGE DAILY HEAD ON	0.954	0.149	0.340	0.286	0.267	0.388
TOP OF LAYER 4	0.035	0.330	0.217	0.598	0.072	0.101
STD. DEVIATION OF DAILY	0.266	0.083	0.256	0.145	0.175	0.180
HEAD ON TOP OF LAYER 4	0.030	0.230	0.086	0.196	0.058	0.183
AVERAGE DAILY HEAD ON	0.001	0.001	0.001	0.001	0.001	0.000
TOP OF LAYER 7	0.001	0.000	0.000	0.000	0.001	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 18

	INCHES	CU. FEET	PERCENT
PRECIPITATION	36.45	330783.687	100.00
RUNOFF	9.846	89348.828	27.01
EVAPOTRANSPIRATION	23.913	217010.812	65.61
PERC./LEAKAGE THROUGH LAYER 2	3.635081	32988.363	9.97
AVG. HEAD ON TOP OF LAYER 2	0.7780		
DRAINAGE COLLECTED FROM LAYER 3	3.2364	29370.156	8.88
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.591917	5371.650	1.62
AVG. HEAD ON TOP OF LAYER 4	0.3115		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.540	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.810046	7351.165	2.22
AVG. HEAD ON TOP OF LAYER 7	0.0007		
CHANGE IN WATER STORAGE	-1.355	-12298.926	-3.72
SOIL WATER AT START OF YEAR	285.569	2591541.250	
SOIL WATER AT END OF YEAR	285.218	2588349.250	
SNOW WATER AT START OF YEAR	1.004	9107.111	2.75
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.118	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

****

DAILY OUTPUT FOR YEAR 19

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.

1	*		0.00	0.000	0.037	0.4269	4.3553	.0000E+00	.3616E-01	0.6375	.1803E-01	.3046E-02	0.0000	.0000E+00	.0000E+0
2			0.00	0.000	0.041	0.4141	4.0871	.0000E+00	.3557E-01	0.6762	.1912E-01	.3187E-02	0.0000	.0000E+00	.0000E+0
3			0.00	0.000	0.048	0.4003	3.8402	.0000E+00	.3502E-01	0.7102	.2008E-01	.3310E-02	0.0000	.0000E+00	.0000E+0
4			0.29	0.000	0.051	0.4343	3.7283	.0000E+00	.3478E-01	0.7402	.2093E-01	.3417E-02	0.0000	.0000E+00	.0000E+0
5			0.00	0.000	0.045	0.4209	4.0100	.0000E+00	.3540E-01	0.7680	.2171E-01	.3515E-02	0.0000	.0000E+00	.0000E+0
6			0.00	0.000	0.040	0.4084	3.8866	.0000E+00	.3513E-01	0.7942	.2246E-01	.3607E-02	0.0000	.0000E+00	.0000E+0
7			0.20	0.000	0.063	0.4255	3.6708	.0000E+00	.3465E-01	0.8173	.2311E-01	.3688E-02	0.0000	.0000E+00	.0000E+0
8			0.00	0.000	0.057	0.4102	3.9514	.0000E+00	.3527E-01	0.8383	.2370E-01	.3761E-02	0.0000	.0000E+00	.0000E+0
9			0.00	0.000	0.048	0.3964	3.7051	.0000E+00	.3472E-01	0.8581	.2426E-01	.3829E-02	0.0000	.0000E+00	.0000E+0
10			0.00	0.000	0.049	0.3825	3.4729	.0000E+00	.3421E-01	0.8749	.2474E-01	.3887E-02	0.0000	.0000E+00	.0000E+0
11	*		0.00	0.000	0.035	0.3711	3.2500	.0000E+00	.3372E-01	0.8889	.2513E-01	.3935E-02	0.0000	.0000E+00	.0000E+0
12	*		0.01	0.000	0.041	0.3603	3.0447	.0000E+00	.3326E-01	0.9006	.2546E-01	.3975E-02	0.0000	.0000E+00	.0000E+0
13	*		0.37	0.000	0.026	0.3581	2.8679	.0000E+00	.3287E-01	0.9101	.2573E-01	.4007E-02	0.0000	.0000E+00	.0000E+0
14	*		0.00	0.000	0.023	0.3560	2.7170	.0000E+00	.3254E-01	0.9180	.2596E-01	.4034E-02	0.0000	.0000E+00	.0000E+0
15	*		0.73	0.000	0.000	0.3539	2.5676	.0000E+00	.3221E-01	0.9243	.2613E-01	.4055E-02	0.0000	.0000E+00	.0000E+0
16	*		0.00	0.000	0.038	0.3518	2.4198	.0000E+00	.3188E-01	0.9292	.2627E-01	.4072E-02	0.0000	.0000E+00	.0000E+0
17	*		0.00	0.000	0.037	0.3499	2.2734	.0000E+00	.3156E-01	0.9329	.2638E-01	.4084E-02	0.0000	.0000E+00	.0000E+0
18	*		0.22	0.000	0.000	0.3479	2.1565	.0000E+00	.3130E-01	0.9355	.2645E-01	.4093E-02	0.0000	.0000E+00	.0000E+0
19	*		0.00	0.000	0.037	0.3461	2.0017	.0000E+00	.3096E-01	0.9371	.2650E-01	.4099E-02	0.0000	.0000E+00	.0000E+0
20	*		0.00	0.000	0.038	0.3442	1.8844	.0000E+00	.3070E-01	0.9378	.2652E-01	.4101E-02	0.0000	.0000E+00	.0000E+0
21	*		0.98	0.000	0.036	0.3424	1.7765	.0000E+00	.3046E-01	0.9378	.2652E-01	.4101E-02	0.0000	.0000E+00	.0000E+0
22	*		0.60	0.000	0.035	0.3407	1.6712	.0000E+00	.3023E-01	0.9371	.2650E-01	.4099E-02	0.0000	.0000E+00	.0000E+0
23	*	*	0.61	0.000	0.026	0.3358	1.1015	.0000E+00	.2897E-01	0.9349	.2643E-01	.4091E-02	0.0000	.0000E+00	.0000E+0
24	*	*	0.00	0.000	0.035	0.3311	0.8174	.0000E+00	.2834E-01	0.9302	.2630E-01	.4075E-02	0.0000	.0000E+00	.0000E+0
25		*	0.00	0.000	0.043	0.3264	0.6873	.0000E+00	.2805E-01	0.9246	.2614E-01	.4057E-02	0.0000	.0000E+00	.0000E+0
26		*	0.03	0.000	0.000	0.3348	0.5586	.0000E+00	.2777E-01	0.9188	.2598E-01	.4037E-02	0.0000	.3461E-10	.3951E-0
27		*	0.15	0.533	0.000	0.3765	0.4311	.0000E+00	.2749E-01	0.9126	.2580E-01	.4016E-02	0.0001	.1890E-08	.1686E-0
28		*	0.00	0.020	0.034	0.3794	0.3049	.0000E+00	.2721E-01	0.9063	.2562E-01	.3994E-02	0.0001	.5986E-08	.2973E-0
29		*	0.00	0.242	0.000	0.3946	0.1800	.0000E+00	.2693E-01	0.8997	.2544E-01	.3972E-02	0.0001	.1234E-07	.4247E-0
30		*	0.00	0.336	0.000	0.4067	0.0564	.0000E+00	.2225E-01	0.8886	.2513E-01	.3934E-02	0.0002	.2198E-07	.5650E-0
31		*	0.00	0.645	0.000	0.4195	0.0000	.0000E+00	.0000E+00	0.8488	.2400E-01	.3797E-02	0.0003	.4416E-07	.7980E-0
32		*	0.00	0.541	0.000	0.4290	0.0000	.0000E+00	.0000E+00	0.7764	.2195E-01	.3545E-02	0.0004	.8953E-07	.1133E-0
33		*	1.15	1.124	0.000	0.4371	0.0000	.0000E+00	.0000E+00	0.7100	.2008E-01	.3309E-02	0.0005	.1441E-06	.1435E-0
34		*	0.00	0.000	0.000	0.4371	0.0000	.0000E+00	.0000E+00	0.6492	.1836E-01	.3089E-02	0.0003	.1008E-06	.1276E-0
35		*	0.00	0.000	0.000	0.4371	0.0000	.0000E+00	.0000E+00	0.5933	.1678E-01	.2882E-02	0.0006	.2443E-06	.1890E-0
36		*	1.19	1.151	0.006	0.4424	0.0000	.0000E+00	.0000E+00	0.5422	.1533E-01	.2690E-02	0.0007	.3068E-06	.2113E-0
37			0.06	0.002	0.059	0.4376	3.5512	.0000E+00	.2775E-01	0.5229	.1478E-01	.2616E-02	0.0007	.3473E-06	.2232E-0
38			0.00	0.000	0.070	0.4199	4.4455	.0000E+00	.3636E-01	0.5583	.1579E-01	.2751E-02	0.0007	.3340E-06	.2163E-0
39			0.00	0.000	0.063	0.4034	4.0979	.0000E+00	.3559E-01	0.6040	.1708E-01	.2922E-02	0.0007	.2937E-06	.2024E-0
40	*		0.00	0.000	0.047	0.3896	3.8206	.0000E+00	.3498E-01	0.6439	.1821E-01	.3070E-02	0.0006	.2589E-06	.1903E-0
41	*		0.10	0.000	0.032	0.3872	3.6154	.0000E+00	.3453E-01	0.6792	.1920E-01	.3198E-02	0.0006	.2338E-06	.1810E-0
42	*		0.84	0.000	0.030	0.3848	3.4569	.0000E+00	.3418E-01	0.7104	.2009E-01	.3310E-02	0.0006	.2159E-06	.1741E-0
43	*		0.00	0.000	0.027	0.3824	3.3001	.0000E+00	.3383E-01	0.7381	.2087E-01	.3409E-02	0.0006	.2035E-06	.1692E-0
44	*		0.95	0.000	0.000	0.3801	3.1448	.0000E+00	.3348E-01	0.7626	.2156E-01	.3496E-02	0.0006	.1957E-06	.1661E-0
45	*		0.77	0.000	0.034	0.3779	2.9910	.0000E+00	.3315E-01	0.7842	.2217E-01	.3572E-02	0.0005	.1916E-06	.1645E-0
46	*		0.00	0.000	0.024	0.3757	2.8389	.0000E+00	.3281E-01	0.8031	.2271E-01	.3639E-02	0.0005	.1907E-06	.1643E-0
47	*	*	0.00	0.000	0.027	0.3707	1.3832	.0000E+00	.2959E-01	0.8167	.2309E-01	.3686E-02	0.0005	.1940E-06	.2083E-0
48	*	*	0.00	0.000	0.027	0.3660	0.8146	.0000E+00	.2833E-01	0.8228	.2327E-01	.3707E-02	0.0006	.2056E-06	.1715E-0
49	*	*	0.00	0.000	0.032	0.3613	0.6845	.0000E+00	.2805E-01	0.8261	.2336E-01	.3719E-02	0.0006	.2199E-06	.1773E-0
50	*	*	0.00	0.000	0.039	0.3567	0.5558	.0000E+00	.2776E-01	0.8283	.2342E-01	.3726E-02	0.0006	.2353E-06	.1834E-0
51		*	0.27	0.860	0.000	0.4081	0.4283	.0000E+00	.2748E-01	0.8296	.2346E-01	.3731E-02	0.0006	.2518E-06	.1897E-0
52		*	0.00	0.000	0.041	0.4036	0.3022	.0000E+00	.2720E-01	0.8301	.2347E-01	.3733E-02	0.0006	.2692E-06	.1961E-0
53	*	*	0.14	0.000	0.042	0.3991	0.1773	.0000E+00	.2692E-01	0.8298	.2346E-01	.3732E-02	0.0007	.2875E-06	.2026E-0
54	*	*	0.00	0.000	0.039	0.3955	0.0537	.0000E+00	.2167E-01	0.8239	.2330E-01	.3711E-02	0.0007	.3114E-06	.2108E-0
55		*	0.00	0.004	0.040	0.3970	0.0000	.0000E+00	.0000E+00	0.7885	.2229E-01	.3587E-02	0.0008	.3666E-06	.2286E-0
56	*	*	0.00	0.000	0.035	0.3970	0.0000	.0000E+00	.0000E+00	0.7211	.2039E-01	.3349E-02	0.0008	.4616E-06	.2564E-0
57	*	*	0.06	0.000	0.035	0.3970	0.0000	.0000E+00	.0000E+00	0.6593	.1864E-01	.3126E-02	0.0009	.5541E-06	.2808E-0
58	*	*	0.00	0.000	0.040	0.3970	0.0000	.0000E+00	.0000E+00	0.6026	.1704E-01	.2917E-02	0.0010	.6416E-06	.3021E-0
59	*	*	0.00	0.000	0.038	0.3970	0.0000	.0000E+00	.0000E+00	0.5507	.1557E-01	.2722E-02	0.0011	.7225E-06	.3204E-0
60		*	0.59	0.860	0.000	0.4213	0.0000	.0000E+00	.0000E+00	0.5031	.1423E-01	.2539E-02	0.0011	.7957E-06	.3362E-0
61		*	0.21	0.442	0.000	0.4357	0.0000	.0000E+00	.0000E+00	0.4595	.1299E-01	.2369E-02	0.0006	.4329E-06	.2626E-0
62		*	0.00	0.426	0.016	0.4430	0.0000	.0000E+00	.0000E+00	0.4195	.1186E-01	.2209E-02	0.0012	.8932E-06	.3581E-0
63		*	0.00	0.000	0.000	0.4430	0.0000	.0000E+00	.0000E+00	0.3829	.1083E-01	.2060E-02	0.0012	.9435E-06	.4598E-0
64	*	*	0.00	0.000	0.000	0.4430	0.0000	.0000E+00	.0000E+00	0.3494	.9878E-02	.1920E-02	0.0012	.1004E-05	.3775E-0
65		*	1.11	1.063	0.005	0.4501	0.0000	.0000E+00	.0000E+00	0.3187	.9011E-02	.1790E-02	0.0006	.5181E-06	.2883E-0
66		*	0.55	0.515	0.005	0.4552	0.0000	.0000E+00	.0000E+00	0.2906	.8216E-02	.1668E-02	0.0013	.1047E-05	.3869E-0
67	*	*	0.46	0.000	0.040	0.4552	0.0000	.0000E+00	.0000E+00	0.2649	.7489E-02	.1554E-02	0.0013	.1067E-05	.4874E-0
68		*	0.00	0.130	0.028	0.4552	0.0000	.0000E+00	.0000E+00	0.2414	.6824E-02	.1447E-02	0.0013	.1091E-05	.3933E-0
69		*	0.02	0.144	0.000	0.4591	0.0000	.0000E+00	.0000E+00	0.2198	.6216E-02	.1348E-02	0.0007	.5485E-06	.2967E-0
70		*	1.04	1.133	0.000	0.4627	0.0000	.0000E+00	.0000E+00	0.2002	.5660E-02	.1255E-02	0.0013	.1092E-05	.3946E-0
71		*	0.25	0.233	0.005	0.4647	0.0000	.0000E+00	.0000E+00	0.1822	.5152E-02	.1168E-02	0.0013	.1084E-05	.4920E-0
72		*	0.14	0.126	0.005	0.4648	0.0045	.0000E+00	.8719E-02	0.1744	.4932E-02	.1130E-02	0.0013	.1066E-05	.3888E-0
73		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1727	.4883E-02	.1121E-02	0.0013	.1023E-05	.3808E-0
74		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1571	.4441E-02	.1043E-02	0.0006	.5087E-06	.2857E-0
75		*	0.02	0.010	0.004	0.4648	0.0030	.0000E+00	.5243E-02	0.1480	.4185E-02	.9968E-03	0.0012	.9979E-06	.3768E-0
76			0.31	0.228	0.092	0.4583	3.7365	.0000E+00	.2816E-01	0.1709	.4833E-02	.1111E-02	0.0012	.9214E-06	.4493E-0
77			0.00	0.000	0.087	0.4376	4.6668	.0000E+00	.3685E-01	0.2373	.6711E-02	.1428E-02	0.0011	.7128E-06	.3181E-0
78			0.00	0.000	0.104	0.4143	4.2498	.0000E+00	.3593E-01	0.3111	.8796E-02	.1757E-02	0.0005	.2779E-06	.2110E-0
79			0.00	0.000	0.088	0.3938	3.8616	.0000E+00	.3507E-01	0.3762	.1064E-01	.2032E-02	0.0009	.4824E-06	.3210E-0
80			0.00	0.000	0.128	0.3667	3.5453	.0000E+00	.3437E-01	0.4338	.1227E-01	.2267E-02	0.0007	.3621E-06	.2269E-0
81			0.00	0.000	0.111	0.3426	3.2010	.0000E+00	.3361E-01	0.4847	.1370E-01	.2468E-02	0.0007	.3022E-06	.2074E-0
82			0.00	0.000	0.122	0.3169	2.8997	.0000E+00	.3294E-01	0.5294	.1497E-01	.2641E-02	0.0003	.1284E-06	.1437E-0
83			0.20	0.000	0.135	0.3223	2.6395	.0000E+00	.3237E-01	0.5687	.1608E-01	.2790E-02	0.0006	.2386E-06	.1825E-0
84			0.64	0.004	0.087	0.4085	2.3661	.0000E+00	.3176E-01	0.6033	.1706E-01	.2919E-02	0.0006	.2121E-06	.1723E-0
85			0.00	0.000	0.120	0.3829	3.1741	.0000E+00	.3355E-01	0.6357	.1797E-01	.3039E-02	0.0005	.1918E-06	.1639E-0
86			0.60	0.008	0.088	0.4612	3.4468	.0000E+00	.3415E-01	0.6689	.1891E-01	.3161E-02	0.0005	.1746E-06	.1564E-0
87			0.00	0.000	0.104	0.4377	4.6770	.0000E+00	.3687E-01	0.7031	.1988E-01	.3284E-02	0.0005	.1592E-06	.1493E-0
88			0.00	0.000	0.117	0.4122	4.2499	.0000E+00	.3593E-01	0.7378	.2086E-01	.3409E-02	0.0005	.1455E-06	.1427E-0
89			0.45	0.001	0.091	0.4659	4.1752	.0000E+00	.3576E-01	0.7680	.2172E-01	.3515E-02	0.0005	.1358E-06	.1380E-0
90			1.15	0.823	0.078	0.5010	5.6499	.0000E+00	.3902E-01	0.7987	.2258E-01	.3623E-02	0.0004	.1286E-06	.1343E-0
91			0.20	0.196	0.078	0.4821	5.8052	.0000E+00	.3937E-01	0.8324	.2354E-01	.3740E-02	0.0004	.1214E-06	.1304E-0
92			0.00	0.000	0.118	0.4560	5.2379	.0000E+00	.3811E-01	0.8626	.2439E-01	.3845E-02	0.0004	.1164E-06	.1279E-0
93			0.00	0.000	0.127	0.4287	4.6702	.0000E+00	.3686E-01	0.8871	.2508E-01	.3929E-02	0.0004	.1175E-06	.1605E-0
94			0.00	0.000	0.117	0.4032	4.1711	.0000E+00	.3575E-01	0.9064	.2563E-01	.3995E-02	0.0004	.1185E-06	.1304E-0
95			0.37	0.000	0.094	0.4433	3.8545	.0000E+00	.3505E-01	0.9217	.2606E-01	.4047E-02	0.0002	.6310E-07	.1000E-0

96	0.60	0.117	0.099	0.5010	5.1031	.0000E+00	.3781E-01	0.9373	.2650E-01	.4099E-02	0.0005	.1335E-06	.1377E-0
97	0.36	0.274	0.146	0.4844	5.8443	.0000E+00	.3945E-01	0.9577	.2708E-01	.4168E-02	0.0005	.1402E-06	.1410E-0
98	0.66	0.417	0.104	0.5010	5.8165	.0000E+00	.3939E-01	0.9790	.2768E-01	.4240E-02	0.0005	.1461E-06	.1439E-0
99	0.00	0.000	0.145	0.4703	5.6916	.0000E+00	.3912E-01	0.9982	.2822E-01	.4304E-02	0.0005	.1535E-06	.1476E-0
100	0.00	0.000	0.169	0.4359	4.9097	.0000E+00	.3739E-01	1.0136	.2866E-01	.4355E-02	0.0005	.1639E-06	.1527E-0
101	0.00	0.000	0.152	0.4046	4.2878	.0000E+00	.3601E-01	1.0236	.2894E-01	.4388E-02	0.0005	.1785E-06	.1596E-0
102	0.51	0.005	0.100	0.4662	4.0281	.0000E+00	.3544E-01	1.0300	.2912E-01	.4410E-02	0.0006	.1971E-06	.1678E-0
103	0.49	0.066	0.177	0.5010	5.3553	.0000E+00	.3837E-01	1.0379	.2935E-01	.4436E-02	0.0006	.2167E-06	.1759E-0
104	0.00	0.000	0.195	0.4620	5.6092	.0000E+00	.3893E-01	1.0504	.2970E-01	.4477E-02	0.0006	.2343E-06	.1827E-0
105	0.00	0.000	0.192	0.4239	4.7218	.0000E+00	.3697E-01	1.0609	.3000E-01	.4511E-02	0.0006	.2524E-06	.1897E-0
106	0.00	0.000	0.206	0.3836	4.0047	.0000E+00	.3539E-01	1.0657	.3013E-01	.4527E-02	0.0007	.2749E-06	.1982E-0
107	0.00	0.000	0.180	0.3479	3.4544	.0000E+00	.3417E-01	1.0664	.3015E-01	.4529E-02	0.0007	.3024E-06	.2080E-0
108	0.00	0.000	0.157	0.3162	2.9291	.0000E+00	.3301E-01	1.0639	.3008E-01	.4521E-02	0.0007	.3339E-06	.2186E-0
109	0.00	0.000	0.207	0.2765	2.3933	.0000E+00	.3182E-01	1.0586	.2993E-01	.4504E-02	0.0008	.3689E-06	.2299E-0
110	0.00	0.000	0.174	0.2424	1.8124	.0000E+00	.3054E-01	1.0505	.2970E-01	.4477E-02	0.0008	.4072E-06	.2415E-0
111	0.38	0.000	0.130	0.2791	1.4168	.0000E+00	.2966E-01	1.0401	.2941E-01	.4443E-02	0.0008	.4484E-06	.2535E-0
112	0.60	0.002	0.155	0.3482	1.0087	.0000E+00	.2876E-01	1.0283	.2908E-01	.4404E-02	0.0009	.4915E-06	.2654E-0
113	0.00	0.000	0.224	0.3059	1.3024	.0000E+00	.2941E-01	1.0167	.2875E-01	.4365E-02	0.0009	.5348E-06	.2767E-0
114	0.00	0.000	0.186	0.2701	1.3385	.0000E+00	.2949E-01	1.0071	.2848E-01	.4334E-02	0.0009	.5758E-06	.2870E-0
115	0.17	0.000	0.116	0.2742	1.1572	.0000E+00	.2909E-01	0.9981	.2822E-01	.4303E-02	0.0010	.6146E-06	.2964E-0
116	0.11	0.000	0.216	0.2517	0.9645	.0000E+00	.2866E-01	0.9887	.2796E-01	.4272E-02	0.0010	.6525E-06	.3828E-0
117	0.00	0.000	0.197	0.2141	0.8192	.0000E+00	.2834E-01	0.9791	.2769E-01	.4240E-02	0.0010	.7007E-06	.3160E-0
118	0.00	0.000	0.189	0.1780	0.6137	.0000E+00	.2789E-01	0.9694	.2741E-01	.4207E-02	0.0005	.3658E-06	.2426E-0
119	0.00	0.000	0.081	0.1604	0.2686	.0000E+00	.2404E-01	0.9558	.2703E-01	.4162E-02	0.0011	.7647E-06	.3306E-0
120	0.16	0.000	0.068	0.1758	0.0000	.0000E+00	.0000E+00	0.9133	.2582E-01	.4018E-02	0.0011	.8339E-06	.4338E-0
121	0.00	0.000	0.056	0.1665	0.0000	.0000E+00	.0000E+00	0.8356	.2363E-01	.3752E-02	0.0012	.1005E-05	.3780E-0
122	0.00	0.000	0.050	0.1582	0.0000	.0000E+00	.0000E+00	0.7643	.2161E-01	.3502E-02	0.0013	.1135E-05	.4016E-0
123	0.00	0.000	0.045	0.1507	0.0000	.0000E+00	.0000E+00	0.6990	.1976E-01	.3269E-02	0.0014	.1251E-05	.4215E-0
124	0.00	0.000	0.036	0.1447	0.0000	.0000E+00	.0000E+00	0.6390	.1807E-01	.3051E-02	0.0014	.1351E-05	.4380E-0
125	0.06	0.000	0.038	0.1483	0.0000	.0000E+00	.0000E+00	0.5840	.1651E-01	.2848E-02	0.0015	.1436E-05	.4514E-0
126	0.00	0.000	0.036	0.1423	0.0000	.0000E+00	.0000E+00	0.5337	.1509E-01	.2657E-02	0.0015	.1506E-05	.4622E-0
127	0.50	0.000	0.033	0.2200	0.0000	.0000E+00	.0000E+00	0.4875	.1378E-01	.2479E-02	0.0008	.7887E-06	.3538E-0
128	0.12	0.000	0.126	0.2190	0.0000	.0000E+00	.0000E+00	0.4452	.1259E-01	.2312E-02	0.0016	.1579E-05	.4752E-0
129	0.00	0.000	0.031	0.2139	0.0000	.0000E+00	.0000E+00	0.4064	.1149E-01	.2156E-02	0.0016	.1602E-05	.5992E-0
130	0.00	0.000	0.031	0.2087	0.0000	.0000E+00	.0000E+00	0.3709	.1049E-01	.2010E-02	0.0016	.1650E-05	.4836E-0
131	0.09	0.000	0.033	0.2181	0.0000	.0000E+00	.0000E+00	0.3384	.9567E-02	.1874E-02	0.0016	.1659E-05	.4848E-0
132	0.51	0.000	0.031	0.2979	0.0000	.0000E+00	.0000E+00	0.3086	.8726E-02	.1747E-02	0.0016	.1658E-05	.4848E-0
133	0.25	0.000	0.157	0.3101	0.0230	.0000E+00	.1995E-01	0.3012	.8516E-02	.1714E-02	0.0008	.7968E-06	.3577E-0
134	0.44	0.000	0.157	0.3526	0.7999	.0000E+00	.2830E-01	0.3348	.9466E-02	.1859E-02	0.0015	.1468E-05	.5670E-0
135	0.63	0.015	0.184	0.4192	2.3446	.0000E+00	.3172E-01	0.3823	.1081E-01	.2057E-02	0.0014	.1243E-05	.4199E-0
136	0.24	0.000	0.221	0.4166	3.5448	.0000E+00	.3437E-01	0.4340	.1227E-01	.2267E-02	0.0013	.1079E-05	.3914E-0
137	0.00	0.000	0.204	0.3769	3.5449	.0000E+00	.3437E-01	0.4856	.1373E-01	.2471E-02	0.0006	.4732E-06	.2745E-0
138	1.33	0.374	0.176	0.5010	4.0177	.0000E+00	.3542E-01	0.5339	.1510E-01	.2658E-02	0.0012	.8665E-06	.3484E-0
139	0.00	0.000	0.178	0.4648	5.6365	.0000E+00	.3899E-01	0.5834	.1650E-01	.2845E-02	0.0011	.7640E-06	.3271E-0
140	0.00	0.000	0.201	0.4252	4.7461	.0000E+00	.3703E-01	0.6326	.1789E-01	.3028E-02	0.0010	.6757E-06	.3076E-0
141	0.40	0.001	0.205	0.4515	4.2278	.0000E+00	.3588E-01	0.6734	.1904E-01	.3177E-02	0.0010	.6078E-06	.3644E-0
142	0.92	0.437	0.148	0.5010	5.3990	.0000E+00	.3847E-01	0.7115	.2012E-01	.3315E-02	0.0009	.5372E-06	.2766E-0
143	0.00	0.000	0.208	0.4599	5.5876	.0000E+00	.3889E-01	0.7511	.2124E-01	.3456E-02	0.0009	.4934E-06	.2651E-0
144	0.00	0.000	0.230	0.4154	4.6276	.0000E+00	.3676E-01	0.7859	.2222E-01	.3579E-02	0.0004	.2306E-06	.1919E-0
145	0.00	0.000	0.262	0.3659	3.8246	.0000E+00	.3499E-01	0.8127	.2298E-01	.3672E-02	0.0008	.4515E-06	.2525E-0
146	0.00	0.000	0.266	0.3159	3.0770	.0000E+00	.3334E-01	0.8328	.2355E-01	.3742E-02	0.0008	.4401E-06	.2496E-0
147	0.00	0.000	0.223	0.2735	2.3638	.0000E+00	.3176E-01	0.8469	.2395E-01	.3791E-02	0.0008	.4400E-06	.3120E-0
148	0.08	0.000	0.195	0.2492	1.8320	.0000E+00	.3058E-01	0.8562	.2421E-01	.3823E-02	0.0008	.4429E-06	.2513E-0
149	0.05	0.000	0.201	0.2192	1.2244	.0000E+00	.2924E-01	0.8615	.2436E-01	.3841E-02	0.0008	.4552E-06	.2548E-0
150	0.11	0.000	0.095	0.2169	0.8647	.0000E+00	.2844E-01	0.8635	.2441E-01	.3848E-02	0.0004	.2334E-06	.1940E-0
151	0.00	0.000	0.079	0.1991	0.7211	.0000E+00	.2813E-01	0.8636	.2442E-01	.3848E-02	0.0009	.4854E-06	.2631E-0
152	0.14	0.000	0.068	0.2063	0.5862	.0000E+00	.2783E-01	0.8629	.2440E-01	.3846E-02	0.0009	.5042E-06	.2681E-0
153	0.00	0.000	0.068	0.1904	0.4116	.0000E+00	.2744E-01	0.8615	.2436E-01	.3841E-02	0.0009	.5238E-06	.2733E-0
154	0.16	0.000	0.061	0.2024	0.1622	.0000E+00	.2689E-01	0.8590	.2429E-01	.3832E-02	0.0009	.5441E-06	.3489E-0
155	0.22	0.000	0.060	0.2282	0.0093	.0000E+00	.5460E-02	0.8345	.2359E-01	.3748E-02	0.0010	.5996E-06	.2922E-0
156	0.55	0.000	0.181	0.2896	0.0000	.0000E+00	.0000E+00	0.7721	.2183E-01	.3530E-02	0.0010	.7040E-06	.3165E-0
157	0.00	0.000	0.262	0.2458	0.0000	.0000E+00	.0000E+00	0.7060	.1996E-01	.3295E-02	0.0006	.4080E-06	.2555E-0
158	0.51	0.000	0.144	0.3061	0.0012	.0000E+00	.3835E-02	0.6493	.1836E-01	.3089E-02	0.0012	.8747E-06	.3551E-0
159	0.00	0.000	0.237	0.2644	0.1442	.0000E+00	.1358E-01	0.6132	.1734E-01	.2956E-02	0.0012	.9438E-06	.3678E-0
160	0.03	0.000	0.196	0.2322	0.2324	.0000E+00	.2705E-01	0.6091	.1722E-01	.2941E-02	0.0012	.9583E-06	.3692E-0
161	0.00	0.000	0.250	0.1869	0.0767	.0000E+00	.2162E-01	0.6216	.1758E-01	.2987E-02	0.0012	.9309E-06	.3631E-0
162	0.00	0.000	0.288	0.1389	0.0000	.0000E+00	.0000E+00	0.6029	.1705E-01	.2918E-02	0.0012	.9282E-06	.4555E-0
163	0.02	0.000	0.043	0.1350	0.0000	.0000E+00	.0000E+00	0.5509	.1558E-01	.2723E-02	0.0013	.1023E-05	.3811E-0
164	0.21	0.000	0.053	0.1613	0.0000	.0000E+00	.0000E+00	0.5033	.1423E-01	.2540E-02	0.0013	.1095E-05	.3942E-0
165	0.25	0.000	0.049	0.1947	0.0000	.0000E+00	.0000E+00	0.4596	.1300E-01	.2369E-02	0.0013	.1155E-05	.4049E-0
166	0.14	0.000	0.089	0.2033	0.0000	.0000E+00	.0000E+00	0.4196	.1187E-01	.2210E-02	0.0014	.1206E-05	.4136E-0
167	0.46	0.000	0.092	0.2646	0.0000	.0000E+00	.0000E+00	0.3830	.1083E-01	.2061E-02	0.0014	.1245E-05	.4203E-0
168	0.17	0.000	0.208	0.2583	0.0000	.0000E+00	.0000E+00	0.3495	.9882E-02	.1921E-02	0.0014	.1276E-05	.4254E-0
169	0.00	0.000	0.314	0.2060	0.0000	.0000E+00	.0000E+00	0.3188	.9014E-02	.1790E-02	0.0014	.1298E-05	.4290E-0
170	0.00	0.000	0.265	0.1618	0.0000	.0000E+00	.0000E+00	0.2907	.8219E-02	.1668E-02	0.0014	.1311E-05	.4312E-0
171	0.00	0.000	0.140	0.1385	0.0000	.0000E+00	.0000E+00	0.2650	.7492E-02	.1554E-02	0.0014	.1318E-05	.4323E-0
172	0.00	0.000	0.021	0.1350	0.0000	.0000E+00	.0000E+00	0.2414	.6827E-02	.1448E-02	0.0007	.6593E-06	.3253E-0
173	1.21	0.071	0.106	0.3072	0.0000	.0000E+00	.0000E+00	0.2199	.6218E-02	.1348E-02	0.0014	.1308E-05	.4318E-0
174	0.00	0.000	0.252	0.2646	0.0044	.0000E+00	.3837E-02	0.2041	.5770E-02	.1273E-02	0.0014	.1293E-05	.4291E-0
175	0.37	0.000	0.235	0.2826	0.0890	.0000E+00	.2673E-01	0.2185	.6177E-02	.1341E-02	0.0014	.1222E-05	.5172E-0
176	0.00	0.000	0.279	0.2350	0.0149	.0000E+00	.7138E-02	0.2490	.7039E-02	.1482E-02	0.0013	.1061E-05	.3880E-0
177	0.00	0.000	0.269	0.1901	0.0000	.0000E+00	.0000E+00	0.2383	.6737E-02	.1433E-02	0.0006	.5212E-06	.2892E-0
178	0.00	0.000	0.283	0.1429	0.0000	.0000E+00	.0000E+00	0.2170	.6136E-02	.1335E-02	0.0013	.1042E-05	.3856E-0
179	0.00	0.000	0.047	0.1350	0.0000	.0000E+00	.0000E+00	0.1976	.5587E-02	.1242E-02	0.0013	.1047E-05	.3864E-0
180	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1798	.5085E-02	.1156E-02	0.0013	.1047E-05	.3864E-0
181	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1636	.4626E-02	.1076E-02	0.0013	.1043E-05	.3856E-0
182	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1488	.4207E-02	.1001E-02	0.0013	.1036E-05	.3842E-0
183	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1353	.3825E-02	.9305E-03	0.0013	.1020E-05	.4770E-0
184	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1229	.3475E-02	.8650E-03	0.0013	.1015E-05	.3793E-0
185	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1116	.3156E-02	.8038E-03	0.0012	.9995E-06	.3765E-0
186	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1013	.2865E-02	.7467E-03	0.0012	.9824E-06	.3732E-0
187	0.39	0.000	0.059	0.1902	0.0000	.0000E+00	.0000E+00	0.0920	.2600E-02	.6934E-03	0.0012	.9640E-06	.3697E-0
188	0.00	0.000	0.085	0.1759	0.0000	.0000E+00	.0000E+00	0.0834	.2358E-02	.6437E-03	0.0012	.9444E-06	.3659E-0
189	0.00	0.000	0.103	0.1588	0.0000	.0000E+00	.0000E+00	0.0756	.2138E-02	.5974E-03	0.0012	.9240E-06	.3620E-0
190	0.00	0.000	0.127	0.1376	0.0000	.0000E+00	.0000E+00	0.0685	.1937E-02	.5542E-03	0.0012	.9029E-06	.3578E-0
191	0.69	0.000	0.124	0.2319	0.0000	.0000E+00	.0000E+00	0.0620	.1754E-02	.5139E-03	0.0012	.8814E-06	.3535E-0

192	0.07	0.000	0.186	0.2126	0.0000	.0000E+00	.0000E+00	0.0561	.1588E-02	.4763E-03	0.0012	.8595E-06	.3491E-0
193	0.00	0.000	0.217	0.1764	0.0000	.0000E+00	.0000E+00	0.0508	.1436E-02	.4413E-03	0.0011	.8375E-06	.3446E-0
194	0.85	0.008	0.175	0.2874	0.0000	.0000E+00	.0000E+00	0.0459	.1298E-02	.4087E-03	0.0006	.4124E-06	.2558E-0
195	0.29	0.000	0.158	0.3072	0.0195	.0000E+00	.1331E-01	0.0547	.1547E-02	.4659E-03	0.0011	.7719E-06	.3301E-0
196	0.00	0.000	0.269	0.2580	0.0769	.0000E+00	.2670E-01	0.0973	.2752E-02	.7219E-03	0.0010	.6607E-06	.3028E-0
197	0.00	0.000	0.249	0.2142	0.0086	.0000E+00	.1379E-01	0.1448	.4096E-02	.9802E-03	0.0009	.5337E-06	.2718E-0
198	0.00	0.000	0.288	0.1663	0.0000	.0000E+00	.0000E+00	0.1538	.4349E-02	.1026E-02	0.0009	.4705E-06	.2579E-0
199	0.01	0.000	0.143	0.1441	0.0000	.0000E+00	.0000E+00	0.1398	.3954E-02	.9544E-03	0.0008	.4667E-06	.2583E-0
200	1.41	0.128	0.214	0.3220	0.0000	.0000E+00	.0000E+00	0.1271	.3593E-02	.8872E-03	0.0009	.4771E-06	.2611E-0
201	1.31	0.305	0.224	0.4483	1.3439	.0000E+00	.2287E-01	0.1381	.3906E-02	.9448E-03	0.0008	.4586E-06	.2544E-0
202	0.35	0.002	0.224	0.4627	4.6155	.0000E+00	.3674E-01	0.1988	.5620E-02	.1247E-02	0.0008	.3758E-06	.2270E-0
203	0.11	0.000	0.146	0.4506	4.7655	.0000E+00	.3707E-01	0.2767	.7825E-02	.1606E-02	0.0007	.2691E-06	.1907E-0
204	0.41	0.016	0.227	0.4723	4.7245	.0000E+00	.3698E-01	0.3485	.9855E-02	.1917E-02	0.0005	.1856E-06	.1583E-0
205	0.00	0.000	0.255	0.4235	4.8275	.0000E+00	.3721E-01	0.4143	.1172E-01	.2188E-02	0.0005	.1282E-06	.1315E-0
206	0.00	0.000	0.238	0.3780	3.9742	.0000E+00	.3532E-01	0.4731	.1338E-01	.2422E-02	0.0004	.8906E-07	.1360E-0
207	0.00	0.000	0.244	0.3317	3.2640	.0000E+00	.3375E-01	0.5223	.1477E-01	.2614E-02	0.0003	.5552E-07	.8912E-0
208	0.00	0.000	0.196	0.2937	2.6431	.0000E+00	.3238E-01	0.5636	.1593E-01	.2771E-02	0.0001	.2117E-07	.5798E-0
209	0.00	0.000	0.219	0.2521	2.0363	.0000E+00	.3103E-01	0.5978	.1690E-01	.2899E-02	0.0002	.3788E-07	.7207E-0
210	0.00	0.000	0.246	0.2061	1.3462	.0000E+00	.2951E-01	0.6255	.1769E-01	.3002E-02	0.0002	.3214E-07	.8361E-0
211	0.00	0.000	0.237	0.1620	0.6108	.0000E+00	.2788E-01	0.6469	.1829E-01	.3080E-02	0.0002	.2822E-07	.6373E-0
212	0.04	0.000	0.154	0.1430	0.0147	.0000E+00	.0000E+00	0.6361	.1799E-01	.3041E-02	0.0002	.3786E-07	.7374E-0
213	0.00	0.000	0.043	0.1359	0.0000	.0000E+00	.0000E+00	0.5814	.1644E-01	.2838E-02	0.0002	.3453E-07	.7411E-0
214	0.00	0.000	0.004	0.1353	0.0000	.0000E+00	.0000E+00	0.5312	.1502E-01	.2648E-02	0.0004	.9225E-07	.1169E-0
215	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.4852	.1372E-01	.2470E-02	0.0004	.1305E-06	.1385E-0
216	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4431	.1253E-01	.2304E-02	0.0005	.1707E-06	.1579E-0
217	0.89	0.012	0.115	0.2621	0.0000	.0000E+00	.0000E+00	0.4045	.1144E-01	.2148E-02	0.0006	.2113E-06	.1753E-0
218	0.23	0.000	0.204	0.2664	0.0000	.0000E+00	.0000E+00	0.3692	.1044E-01	.2003E-02	0.0006	.2512E-06	.1908E-0
219	0.00	0.000	0.232	0.2277	0.0000	.0000E+00	.0000E+00	0.3368	.9523E-02	.1867E-02	0.0007	.2897E-06	.2046E-0
220	0.00	0.000	0.203	0.1939	0.0000	.0000E+00	.0000E+00	0.3072	.8685E-02	.1740E-02	0.0007	.3259E-06	.2168E-0
221	0.00	0.000	0.270	0.1489	0.0000	.0000E+00	.0000E+00	0.2800	.7918E-02	.1622E-02	0.0007	.3596E-06	.2275E-0
222	0.00	0.000	0.078	0.1358	0.0000	.0000E+00	.0000E+00	0.2552	.7217E-02	.1511E-02	0.0008	.3904E-06	.2369E-0
223	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.2325	.6575E-02	.1407E-02	0.0008	.4181E-06	.2450E-0
224	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.2118	.5988E-02	.1310E-02	0.0008	.4427E-06	.2519E-0
225	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1928	.5452E-02	.1219E-02	0.0008	.4643E-06	.2579E-0
226	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1755	.4961E-02	.1135E-02	0.0009	.4828E-06	.2628E-0
227	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1596	.4513E-02	.1056E-02	0.0009	.4983E-06	.3336E-0
228	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1451	.4104E-02	.9819E-03	0.0009	.5176E-06	.2710E-0
229	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1319	.3730E-02	.9129E-03	0.0005	.2635E-06	.2056E-0
230	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1199	.3389E-02	.8486E-03	0.0009	.5293E-06	.2749E-0
231	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1089	.3078E-02	.7885E-03	0.0009	.5349E-06	.2763E-0
232	0.28	0.000	0.102	0.1646	0.0000	.0000E+00	.0000E+00	0.0988	.2794E-02	.7324E-03	0.0009	.5385E-06	.2771E-0
233	0.08	0.000	0.101	0.1611	0.0000	.0000E+00	.0000E+00	0.0896	.2535E-02	.6801E-03	0.0009	.5378E-06	.3465E-0
234	0.00	0.000	0.098	0.1449	0.0000	.0000E+00	.0000E+00	0.0813	.2299E-02	.6313E-03	0.0009	.5425E-06	.2775E-0
235	0.00	0.000	0.051	0.1364	0.0000	.0000E+00	.0000E+00	0.0737	.2084E-02	.5858E-03	0.0009	.5406E-06	.2770E-0
236	0.00	0.000	0.006	0.1353	0.0000	.0000E+00	.0000E+00	0.0668	.1888E-02	.5434E-03	0.0009	.5374E-06	.2762E-0
237	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0604	.1709E-02	.5038E-03	0.0009	.5331E-06	.2750E-0
238	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0547	.1547E-02	.4669E-03	0.0009	.5278E-06	.2737E-0
239	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0495	.1399E-02	.4326E-03	0.0009	.5217E-06	.2721E-0
240	0.48	0.000	0.068	0.2037	0.0000	.0000E+00	.0000E+00	0.0447	.1265E-02	.4006E-03	0.0009	.5148E-06	.2703E-0
241	0.78	0.016	0.128	0.3096	0.0000	.0000E+00	.0000E+00	0.0404	.1142E-02	.3708E-03	0.0009	.5073E-06	.2683E-0
242	0.00	0.000	0.213	0.2718	0.0205	.0000E+00	.1331E-01	0.0497	.1405E-02	.4328E-03	0.0009	.4668E-06	.2574E-0
243	0.00	0.000	0.194	0.2351	0.0950	.0000E+00	.2674E-01	0.0928	.2624E-02	.6960E-03	0.0008	.3635E-06	.2272E-0
244	0.00	0.000	0.195	0.2018	0.0070	.0000E+00	.4539E-02	0.1316	.3721E-02	.9113E-03	0.0003	.1457E-06	.1524E-0
245	0.00	0.000	0.199	0.1686	0.0000	.0000E+00	.0000E+00	0.1269	.3587E-02	.8860E-03	0.0007	.2893E-06	.2030E-0
246	0.00	0.000	0.179	0.1388	0.0000	.0000E+00	.0000E+00	0.1152	.3258E-02	.8235E-03	0.0007	.2964E-06	.2059E-0
247	0.00	0.000	0.023	0.1350	0.0000	.0000E+00	.0000E+00	0.1046	.2958E-02	.7651E-03	0.0007	.3064E-06	.2093E-0
248	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0950	.2685E-02	.7106E-03	0.0007	.3149E-06	.2121E-0
249	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0861	.2435E-02	.6597E-03	0.0007	.3219E-06	.2144E-0
250	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0781	.2208E-02	.6123E-03	0.0007	.3265E-06	.2702E-0
251	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0708	.2001E-02	.5681E-03	0.0004	.1686E-06	.1638E-0
252	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0641	.1812E-02	.5268E-03	0.0007	.3355E-06	.2188E-0
253	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0580	.1641E-02	.4884E-03	0.0007	.3377E-06	.2195E-0
254	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0525	.1485E-02	.4526E-03	0.0007	.3390E-06	.2198E-0
255	0.28	0.000	0.061	0.1715	0.0000	.0000E+00	.0000E+00	0.0475	.1342E-02	.4192E-03	0.0007	.3394E-06	.2199E-0
256	0.00	0.000	0.075	0.1590	0.0000	.0000E+00	.0000E+00	0.0429	.1213E-02	.3881E-03	0.0007	.3390E-06	.2198E-0
257	0.50	0.000	0.103	0.2252	0.0000	.0000E+00	.0000E+00	0.0388	.1096E-02	.3592E-03	0.0007	.3379E-06	.2194E-0
258	0.61	0.004	0.091	0.3111	0.0000	.0000E+00	.0000E+00	0.0350	.9890E-03	.3322E-03	0.0007	.3361E-06	.2188E-0
259	0.21	0.000	0.115	0.3224	0.2551	.0000E+00	.2710E-01	0.0584	.1652E-02	.4861E-03	0.0007	.3011E-06	.2048E-0
260	0.05	0.000	0.123	0.3056	0.3391	.0000E+00	.2728E-01	0.1234	.3490E-02	.8662E-03	0.0006	.2163E-06	.1701E-0
261	0.00	0.000	0.140	0.2777	0.4695	.0000E+00	.2757E-01	0.1833	.5183E-02	.1172E-02	0.0005	.1394E-06	.1366E-0
262	0.00	0.000	0.151	0.2480	0.4787	.0000E+00	.2759E-01	0.2385	.6743E-02	.1434E-02	0.0004	.8962E-07	.1094E-0
263	0.00	0.000	0.134	0.2211	0.4108	.0000E+00	.2744E-01	0.2888	.8166E-02	.1660E-02	0.0003	.5668E-07	.8676E-0
264	0.00	0.000	0.098	0.2003	0.2671	.0000E+00	.2712E-01	0.3343	.9453E-02	.1857E-02	0.0002	.3505E-07	.8414E-0
265	0.00	0.000	0.142	0.1722	0.1198	.0000E+00	.2680E-01	0.3751	.1061E-01	.2028E-02	0.0002	.1676E-07	.4899E-0
266	0.00	0.000	0.104	0.1537	0.0073	.0000E+00	.6644E-02	0.3919	.1108E-01	.2097E-02	0.0001	.1408E-07	.4494E-0
267	0.00	0.000	0.112	0.1350	0.0000	.0000E+00	.0000E+00	0.3683	.1041E-01	.2000E-02	0.0002	.2311E-07	.5750E-0
268	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3360	.9502E-02	.1864E-02	0.0001	.1861E-07	.5487E-0
269	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3065	.8666E-02	.1737E-02	0.0003	.4819E-07	.8436E-0
270	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2794	.7901E-02	.1619E-02	0.0003	.6537E-07	.9790E-0
271	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2547	.7201E-02	.1508E-02	0.0004	.8327E-07	.1102E-0
272	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2320	.6560E-02	.1404E-02	0.0004	.1014E-06	.1213E-0
273	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2113	.5975E-02	.1308E-02	0.0004	.1192E-06	.1314E-0
274	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1924	.5439E-02	.1217E-02	0.0005	.1366E-06	.1761E-0
275	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1751	.4950E-02	.1133E-02	0.0005	.1594E-06	.1505E-0
276	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1593	.4503E-02	.1054E-02	0.0005	.1747E-06	.1576E-0
277	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1448	.4095E-02	.9801E-03	0.0003	.9446E-07	.1230E-0
278	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1316	.3722E-02	.9113E-03	0.0005	.1967E-06	.1680E-0
279	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1196	.3381E-02	.8471E-03	0.0006	.2089E-06	.1731E-0
280	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1086	.3071E-02	.7871E-03	0.0006	.2198E-06	.1775E-0
281	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0986	.2787E-02	.7311E-03	0.0006	.2296E-06	.1813E-0
282	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0894	.2529E-02	.6789E-03	0.0006	.2382E-06	.1846E-0
283	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0811	.2293E-02	.6302E-03	0.0006	.2456E-06	.1874E-0
284	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0735	.2079E-02	.5847E-03	0.0006	.2520E-06	.1897E-0
285	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0666	.1883E-02	.5424E-03	0.0006	.2573E-06	.1917E-0
286	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.0603	.1705E-02	.5029E-03	0.0006	.2616E-06	.2414E-0
287	0.12	0.000	0.039	0.1485	0.0000	.0000E+00	.0000E+00	0.0546	.1543E-02	.4661E-03	0.0006	.2670E-06	.1947E-0

288		0.00	0.000	0.012	0.1464	0.0000	.0000E+00	.0000E+00	0.0494	.1396E-02	.4318E-03	0.0006	.2693E-06	.1956E-0
289		0.00	0.000	0.015	0.1438	0.0000	.0000E+00	.0000E+00	0.0446	.1261E-02	.3998E-03	0.0003	.1364E-06	.1473E-0
290		0.00	0.000	0.018	0.1408	0.0000	.0000E+00	.0000E+00	0.0403	.1140E-02	.3701E-03	0.0006	.2705E-06	.1963E-0
291		0.38	0.000	0.045	0.1966	0.0000	.0000E+00	.0000E+00	0.0364	.1029E-02	.3424E-03	0.0006	.2709E-06	.1965E-0
292		0.00	0.000	0.020	0.1933	0.0000	.0000E+00	.0000E+00	0.0328	.9283E-03	.3166E-03	0.0006	.2707E-06	.1964E-0
293		0.00	0.000	0.021	0.1898	0.0000	.0000E+00	.0000E+00	0.0296	.8370E-03	.2927E-03	0.0006	.2700E-06	.1961E-0
294		0.10	0.000	0.047	0.1986	0.0000	.0000E+00	.0000E+00	0.0267	.7542E-03	.2704E-03	0.0006	.2688E-06	.1956E-0
295		1.16	0.098	0.049	0.3674	0.0000	.0000E+00	.0000E+00	0.0240	.6791E-03	.2496E-03	0.0006	.2672E-06	.1950E-0
296		0.24	0.000	0.057	0.3927	1.9948	.0000E+00	.3094E-01	0.0523	.1479E-02	.4435E-03	0.0006	.2308E-06	.1785E-0
297		0.25	0.000	0.064	0.4181	3.1995	.0000E+00	.3361E-01	0.1303	.3684E-02	.9020E-03	0.0005	.1462E-06	.1376E-0
298		0.08	0.000	0.064	0.4150	3.5852	.0000E+00	.3446E-01	0.2066	.5841E-02	.1284E-02	0.0004	.7420E-07	.9722E-0
299		0.00	0.000	0.045	0.4018	3.5193	.0000E+00	.3431E-01	0.2775	.7846E-02	.1610E-02	0.0002	.3338E-07	.6414E-0
300		0.32	0.000	0.062	0.4391	3.5838	.0000E+00	.3446E-01	0.3423	.9678E-02	.1890E-02	0.0001	.1202E-07	.4468E-0
301		0.00	0.000	0.063	0.4226	4.2279	.0000E+00	.3588E-01	0.4032	.1140E-01	.2143E-02	0.0000	.1740E-09	.5748E-0
302		0.00	0.000	0.052	0.4080	3.9175	.0000E+00	.3519E-01	0.4607	.1303E-01	.2373E-02	0.0000	.1530E-09	.2333E-0
303		0.00	0.000	0.057	0.3927	3.6705	.0000E+00	.3465E-01	0.5116	.1447E-01	.2572E-02	0.0000	.0000E+00	.0000E+0
304		0.00	0.000	0.045	0.3796	3.4324	.0000E+00	.3412E-01	0.5569	.1575E-01	.2746E-02	0.0000	.0000E+00	.0000E+0
305		0.00	0.000	0.050	0.3657	3.2054	.0000E+00	.3362E-01	0.5971	.1688E-01	.2897E-02	0.0000	.0000E+00	.0000E+0
306		0.00	0.000	0.067	0.3490	2.9750	.0000E+00	.3311E-01	0.6326	.1789E-01	.3028E-02	0.0000	.0000E+00	.0000E+0
307		0.00	0.000	0.065	0.3327	2.7660	.0000E+00	.3265E-01	0.6639	.1877E-01	.3143E-02	0.0000	.0000E+00	.0000E+0
308		0.00	0.000	0.075	0.3149	2.5600	.0000E+00	.3219E-01	0.6914	.1955E-01	.3242E-02	0.0000	.0000E+00	.0000E+0
309		0.00	0.000	0.054	0.3005	2.3575	.0000E+00	.3174E-01	0.7154	.2023E-01	.3329E-02	0.0000	.0000E+00	.0000E+0
310		0.00	0.000	0.060	0.2853	2.1656	.0000E+00	.3132E-01	0.7363	.2082E-01	.3403E-02	0.0000	.0000E+00	.0000E+0
311		0.00	0.000	0.058	0.2705	1.9342	.0000E+00	.3081E-01	0.7543	.2133E-01	.3467E-02	0.0000	.0000E+00	.0000E+0
312		0.00	0.000	0.058	0.2558	1.8165	.0000E+00	.3055E-01	0.7697	.2176E-01	.3521E-02	0.0000	.0000E+00	.0000E+0
313		0.37	0.000	0.061	0.3023	1.6704	.0000E+00	.3023E-01	0.7831	.2214E-01	.3568E-02	0.0000	.0000E+00	.0000E+0
314		0.00	0.000	0.054	0.2883	1.5121	.0000E+00	.2988E-01	0.7945	.2246E-01	.3608E-02	0.0000	.0000E+00	.0000E+0
315		0.00	0.000	0.041	0.2765	1.3550	.0000E+00	.2953E-01	0.8040	.2273E-01	.3642E-02	0.0000	.0000E+00	.0000E+0
316		0.00	0.000	0.047	0.2638	1.2019	.0000E+00	.2919E-01	0.8119	.2296E-01	.3669E-02	0.0000	.0000E+00	.0000E+0
317		0.12	0.000	0.056	0.2696	1.0380	.0000E+00	.2883E-01	0.8182	.2313E-01	.3691E-02	0.0000	.0000E+00	.0000E+0
318		0.05	0.000	0.058	0.2636	0.9067	.0000E+00	.2854E-01	0.8231	.2327E-01	.3708E-02	0.0000	.0000E+00	.0000E+0
319		0.02	0.000	0.055	0.2531	0.7693	.0000E+00	.2823E-01	0.8269	.2338E-01	.3721E-02	0.0000	.0000E+00	.0000E+0
320		0.00	0.000	0.044	0.2411	0.6333	.0000E+00	.2793E-01	0.8295	.2345E-01	.3731E-02	0.0000	.0000E+00	.0000E+0
321		0.00	0.000	0.038	0.2302	0.5059	.0000E+00	.2765E-01	0.8312	.2350E-01	.3736E-02	0.0000	.0000E+00	.0000E+0
322		0.83	0.008	0.052	0.3539	0.3757	.0000E+00	.2736E-01	0.8320	.2352E-01	.3739E-02	0.0000	.0000E+00	.0000E+0
323		0.00	0.000	0.043	0.3418	1.4588	.0000E+00	.2976E-01	0.8346	.2360E-01	.3748E-02	0.0000	.0000E+00	.0000E+0
324		0.10	0.000	0.059	0.3437	1.6329	.0000E+00	.3014E-01	0.8413	.2379E-01	.3771E-02	0.0000	.8610E-10	.3483E-0
325		0.05	0.000	0.049	0.3389	1.5250	.0000E+00	.2990E-01	0.8478	.2397E-01	.3794E-02	0.0000	.1030E-08	.1500E-0
326		0.34	0.000	0.054	0.3815	1.6725	.0000E+00	.3023E-01	0.8536	.2414E-01	.3814E-02	0.0001	.2815E-08	.2048E-0
327	*	0.00	0.000	0.033	0.3706	2.6438	.0000E+00	.3238E-01	0.8617	.2437E-01	.3842E-02	0.0001	.5133E-08	.2753E-0
328		0.00	0.000	0.036	0.3592	2.4986	.0000E+00	.3206E-01	0.8722	.2466E-01	.3878E-02	0.0001	.7802E-08	.3385E-0
329		0.00	0.000	0.040	0.3472	2.3205	.0000E+00	.3166E-01	0.8810	.2491E-01	.3908E-02	0.0001	.1144E-07	.4090E-0
330		0.00	0.000	0.037	0.3357	2.1432	.0000E+00	.3127E-01	0.8880	.2511E-01	.3932E-02	0.0002	.1623E-07	.4862E-0
331		0.06	0.000	0.046	0.3330	1.9584	.0000E+00	.3086E-01	0.8934	.2526E-01	.3950E-02	0.0001	.1114E-07	.4174E-0
332		0.00	0.000	0.043	0.3208	1.8251	.0000E+00	.3057E-01	0.8974	.2537E-01	.3964E-02	0.0002	.2797E-07	.6350E-0
333		0.00	0.000	0.058	0.3060	1.6861	.0000E+00	.3026E-01	0.9003	.2546E-01	.3974E-02	0.0002	.3650E-07	.7253E-0
334		0.00	0.000	0.051	0.2925	1.5597	.0000E+00	.2998E-01	0.9022	.2551E-01	.3980E-02	0.0003	.4799E-07	.1038E-0
335		0.00	0.000	0.048	0.2796	1.4155	.0000E+00	.2966E-01	0.9032	.2554E-01	.3984E-02	0.0003	.6104E-07	.9376E-0
336		0.00	0.000	0.047	0.2670	1.2602	.0000E+00	.2932E-01	0.9032	.2554E-01	.3984E-02	0.0003	.7451E-07	.1035E-0
337		0.00	0.000	0.039	0.2556	1.0945	.0000E+00	.2895E-01	0.9023	.2551E-01	.3981E-02	0.0002	.4477E-07	.8419E-0
338		0.00	0.000	0.036	0.2447	0.9528	.0000E+00	.2864E-01	0.9006	.2546E-01	.3975E-02	0.0004	.1018E-06	.1210E-0
339	*	0.00	0.000	0.032	0.2347	0.8218	.0000E+00	.2835E-01	0.8982	.2540E-01	.3967E-02	0.0004	.1194E-06	.1310E-0
340	*	0.06	0.000	0.031	0.2333	0.6887	.0000E+00	.2805E-01	0.8953	.2531E-01	.3957E-02	0.0005	.1406E-06	.1776E-0
341	*	0.00	0.000	0.009	0.2287	0.5599	.0000E+00	.2777E-01	0.8918	.2522E-01	.3945E-02	0.0005	.1641E-06	.1533E-0
342	*	0.00	0.000	0.000	0.2241	0.4325	.0000E+00	.2749E-01	0.8879	.2511E-01	.3932E-02	0.0003	.9050E-07	.1215E-0
343	*	0.00	0.000	0.031	0.2144	0.3046	.0000E+00	.2721E-01	0.8836	.2498E-01	.3917E-02	0.0006	.2022E-06	.1703E-0
344		0.00	0.000	0.036	0.2040	0.1749	.0000E+00	.2692E-01	0.8789	.2485E-01	.3901E-02	0.0006	.2255E-06	.1798E-0
345	*	0.00	0.000	0.028	0.1960	0.0467	.0000E+00	.1974E-01	0.8670	.2451E-01	.3860E-02	0.0006	.2533E-06	.1908E-0
346	*	0.83	0.000	0.036	0.1993	0.0000	.0000E+00	.0000E+00	0.8249	.2332E-01	.3714E-02	0.0007	.3025E-06	.2095E-0
347		0.00	0.000	0.018	0.2306	0.0000	.0000E+00	.0000E+00	0.7545	.2133E-01	.3468E-02	0.0008	.3845E-06	.2370E-0
348		0.00	0.000	0.026	0.2500	0.0000	.0000E+00	.0000E+00	0.6899	.1951E-01	.3237E-02	0.0009	.4790E-06	.2639E-0
349		0.66	0.089	0.000	0.4152	0.1867	.0000E+00	.7046E-02	0.6377	.1803E-01	.3047E-02	0.0009	.5641E-06	.2856E-0
350	*	0.38	0.000	0.028	0.4127	3.6037	.0000E+00	.3450E-01	0.6285	.1777E-01	.3013E-02	0.0010	.6035E-06	.2934E-0
351	*	0.43	0.000	0.032	0.4102	3.7161	.0000E+00	.3475E-01	0.6644	.1879E-01	.3145E-02	0.0010	.5773E-06	.2849E-0
352	*	0.08	0.000	0.031	0.4077	3.5845	.0000E+00	.3446E-01	0.6975	.1972E-01	.3264E-02	0.0009	.5337E-06	.2741E-0
353	*	0.02	0.000	0.032	0.4053	3.4574	.0000E+00	.3418E-01	0.7271	.2056E-01	.3370E-02	0.0009	.4999E-06	.2655E-0
354	*	0.00	0.000	0.031	0.4029	3.3643	.0000E+00	.3397E-01	0.7536	.2131E-01	.3464E-02	0.0009	.4742E-06	.2587E-0
355	*	0.44	0.000	0.025	0.4006	3.2912	.0000E+00	.3381E-01	0.7773	.2198E-01	.3548E-02	0.0008	.4571E-06	.3172E-0
356		0.10	0.000	0.000	0.4287	3.4732	.0000E+00	.3421E-01	0.7993	.2260E-01	.3625E-02	0.0008	.4351E-06	.2490E-0
357		0.36	0.838	0.000	0.5010	5.1831	.0000E+00	.3799E-01	0.8239	.2329E-01	.3711E-02	0.0008	.4217E-06	.2452E-0
358		0.20	0.190	0.054	0.4870	5.8557	.0000E+00	.3948E-01	0.8539	.2415E-01	.3815E-02	0.0008	.4041E-06	.2401E-0
359		0.01	0.000	0.046	0.4745	5.5099	.0000E+00	.3871E-01	0.8832	.2497E-01	.3915E-02	0.0008	.3902E-06	.2360E-0
360		0.70	0.451	0.051	0.5010	5.7307	.0000E+00	.3920E-01	0.9092	.2571E-01	.4004E-02	0.0004	.1883E-06	.1745E-0
361		0.00	0.000	0.040	0.4878	5.8637	.0000E+00	.3950E-01	0.9342	.2642E-01	.4089E-02	0.0008	.3816E-06	.2324E-0
362		1.39	1.226	0.045	0.5010	5.9002	.0000E+00	.3958E-01	0.9577	.2708E-01	.4168E-02	0.0008	.3789E-06	.2316E-0
363	*	0.55	0.000	0.035	0.4977	5.9653	.0000E+00	.3972E-01	0.9796	.2770E-01	.4241E-02	0.0008	.3793E-06	.2319E-0
364	*	0.10	0.000	0.029	0.4944	5.8733	.0000E+00	.3952E-01	0.9996	.2826E-01	.4308E-02	0.0008	.3830E-06	.2331E-0
365	*	0.00	0.000	0.025	0.4911	5.7940	.0000E+00	.3934E-01	1.0175	.2877E-01	.4368E-02	0.0008	.3899E-06	.2353E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 19

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	4.19	5.53	7.74	4.61	5.73	4.44
	5.93	2.74	1.65	2.66	1.94	6.31
RUNOFF	1.776	3.682	6.146	1.076	0.827	0.071
	0.461	0.028	0.004	0.098	0.008	2.795

EVAPOTRANSPIRATION	0.961	0.830	1.659	4.501	4.137	4.562
	5.007	2.119	2.044	0.787	1.542	0.920
PERCOLATION/LEAKAGE THROUGH	0.9496	0.5537	0.5303	0.9843	0.6266	0.1914
LAYER 2	0.4145	0.0401	0.2021	0.3076	0.9124	0.9021
LATERAL DRAINAGE COLLECTED	0.7625	0.5657	0.3538	0.8398	0.5361	0.3863
FROM LAYER 3	0.2068	0.1774	0.1450	0.1352	0.6839	0.7387
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1199	0.0929	0.0651	0.1282	0.0906	0.0690
LAYER 4	0.0414	0.0373	0.0319	0.0297	0.1094	0.1169
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0023	0.0556	0.0908	0.0643	0.1130	0.1132
LAYER 7	0.0797	0.0742	0.0471	0.0455	0.0047	0.0653

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	2.306	1.416	1.824	3.286	1.884	0.058
TOP OF LAYER 2	1.106	0.004	0.078	1.004	1.756	2.713
STD. DEVIATION OF DAILY	1.412	1.656	2.005	1.985	2.059	0.135
HEAD ON TOP OF LAYER 2	1.764	0.017	0.155	1.628	0.728	2.326
AVERAGE DAILY HEAD ON	0.870	0.715	0.404	0.990	0.612	0.455
TOP OF LAYER 4	0.236	0.202	0.171	0.154	0.806	0.843
STD. DEVIATION OF DAILY	0.084	0.105	0.203	0.064	0.195	0.238
HEAD ON TOP OF LAYER 4	0.208	0.158	0.119	0.150	0.080	0.105
AVERAGE DAILY HEAD ON	0.000	0.001	0.001	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.001	0.000	0.000	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 19

	INCHES	CU. FEET	PERCENT
PRECIPITATION	53.47	485240.187	100.00
RUNOFF	16.972	154016.562	31.74
EVAPOTRANSPIRATION	29.070	263807.125	54.37
PERC./LEAKAGE THROUGH LAYER 2	6.614646	60027.918	12.37
AVG. HEAD ON TOP OF LAYER 2	1.4529		
DRAINAGE COLLECTED FROM LAYER 3	5.5313	50196.102	10.34
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.932426	8461.769	1.74
AVG. HEAD ON TOP OF LAYER 4	0.5381		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	1.323	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.755676	6857.757	1.41
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	1.142	10361.463	2.14
SOIL WATER AT START OF YEAR	285.218	2588349.250	
SOIL WATER AT END OF YEAR	285.858	2594158.750	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.502	4551.946	0.94
ANNUAL WATER BUDGET BALANCE	0.0000	-0.142	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 20

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1	*		0.07	0.000	0.025	0.4878	5.7038	.0000E+00	.3914E-01	1.0335	.2922E-01	.4421E-02	0.0008	.4036E-06	.2990E-0
2	*	*	0.00	0.000	0.022	0.4826	2.1048	.0000E+00	.3119E-01	1.0399	.2940E-01	.4442E-02	0.0008	.4229E-06	.2458E-0
3	*	*	0.00	0.000	0.037	0.4779	0.8072	.0000E+00	.2832E-01	1.0301	.2913E-01	.4410E-02	0.0008	.4639E-06	.2574E-0
4	*	*	0.15	0.000	0.000	0.4732	0.6773	.0000E+00	.2803E-01	1.0162	.2873E-01	.4364E-02	0.0009	.5096E-06	.2697E-0
5		*	0.00	0.000	0.041	0.4686	0.5486	.0000E+00	.2774E-01	1.0028	.2835E-01	.4319E-02	0.0009	.5544E-06	.2812E-0
6	*	*	0.00	0.000	0.039	0.4640	0.4212	.0000E+00	.2746E-01	0.9896	.2798E-01	.4275E-02	0.0010	.5979E-06	.2920E-0
7	*	*	0.00	0.000	0.032	0.4595	0.2951	.0000E+00	.2718E-01	0.9769	.2762E-01	.4233E-02	0.0010	.6401E-06	.3021E-0
8	*	*	0.00	0.000	0.026	0.4550	0.1703	.0000E+00	.2691E-01	0.9645	.2727E-01	.4191E-02	0.0010	.6806E-06	.3114E-0
9	*	*	0.14	0.000	0.000	0.4517	0.0468	.0000E+00	.2017E-01	0.9459	.2675E-01	.4128E-02	0.0011	.7288E-06	.3222E-0
10	*	*	0.11	0.000	0.000	0.4517	0.0000	.0000E+00	.0000E+00	0.8980	.2539E-01	.3966E-02	0.0011	.8207E-06	.3418E-0
11		*	0.36	1.006	0.000	0.4657	0.0000	.0000E+00	.0000E+00	0.8216	.2323E-01	.3703E-02	0.0012	.9592E-06	.3694E-0
12		*	0.08	0.062	0.009	0.4648	0.0093	.0000E+00	.1432E-01	0.7657	.2165E-01	.3507E-02	0.0013	.1059E-05	.3880E-0
13		*	0.34	0.326	0.009	0.4648	0.0033	.0000E+00	.5718E-02	0.7289	.2061E-01	.3377E-02	0.0013	.1119E-05	.3988E-0
14		*	0.34	0.326	0.008	0.4648	0.0033	.0000E+00	.5797E-02	0.6814	.1927E-01	.3206E-02	0.0014	.1197E-05	.4123E-0
15		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.6323	.1788E-01	.3027E-02	0.0014	.1275E-05	.4254E-0
16		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.5779	.1634E-01	.2824E-02	0.0015	.1359E-05	.4392E-0
17	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.5280	.1493E-01	.2635E-02	0.0015	.1430E-05	.4504E-0
18	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.4823	.1364E-01	.2458E-02	0.0015	.1486E-05	.4592E-0
19		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.4404	.1245E-01	.2293E-02	0.0015	.1530E-05	.4658E-0
20		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.4020	.1137E-01	.2138E-02	0.0008	.7807E-06	.3540E-0
21		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3669	.1037E-01	.1994E-02	0.0016	.1565E-05	.4729E-0
22		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3347	.9464E-02	.1858E-02	0.0016	.1580E-05	.4749E-0
23		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.3053	.8631E-02	.1732E-02	0.0016	.1585E-05	.5933E-0
24		*	0.13	0.116	0.008	0.4648	0.0033	.0000E+00	.5692E-02	0.2840	.8029E-02	.1639E-02	0.0016	.1575E-05	.4724E-0
25		*	0.27	0.256	0.008	0.4648	0.0036	.0000E+00	.6235E-02	0.2742	.7752E-02	.1596E-02	0.0015	.1522E-05	.4645E-0
26	*	*	0.22	0.000	0.039	0.4648	0.0000	.0000E+00	.0000E+00	0.2599	.7348E-02	.1532E-02	0.0015	.1485E-05	.4588E-0
27	*	*	1.52	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2368	.6695E-02	.1426E-02	0.0015	.1475E-05	.4573E-0
28	*	*	0.00	0.000	0.036	0.4648	0.0000	.0000E+00	.0000E+00	0.2157	.6098E-02	.1328E-02	0.0015	.1461E-05	.4550E-0
29		*	0.21	0.457	0.000	0.4654	0.0048	.0000E+00	.1081E-01	0.2071	.5856E-02	.1288E-02	0.0015	.1410E-05	.4470E-0
30		*	0.10	0.345	0.000	0.4649	0.0088	.0000E+00	.1735E-01	0.2231	.6309E-02	.1363E-02	0.0014	.1294E-05	.4283E-0
31		*	0.02	0.133	0.000	0.4648	0.0047	.0000E+00	.1411E-01	0.2451	.6929E-02	.1464E-02	0.0014	.1175E-05	.4081E-0
32		*	0.00	0.100	0.030	0.4648	0.0000	.0000E+00	.0000E+00	0.2459	.6953E-02	.1468E-02	0.0013	.1120E-05	.3986E-0
33		*	0.00	0.004	0.041	0.4648	0.0000	.0000E+00	.0000E+00	0.2240	.6334E-02	.1367E-02	0.0013	.1126E-05	.3997E-0
34	*	*	0.03	0.000	0.041	0.4648	0.0000	.0000E+00	.0000E+00	0.2040	.5768E-02	.1273E-02	0.0013	.1127E-05	.3998E-0
35	*	*	0.30	0.000	0.039	0.4648	0.0000	.0000E+00	.0000E+00	0.1857	.5250E-02	.1185E-02	0.0013	.1124E-05	.3992E-0
36	*	*	0.53	0.000	0.032	0.4648	0.0000	.0000E+00	.0000E+00	0.1689	.4777E-02	.1102E-02	0.0013	.1117E-05	.3979E-0
37		*	0.00	0.163	0.024	0.4648	0.0000	.0000E+00	.0000E+00	0.1537	.4345E-02	.1026E-02	0.0013	.1106E-05	.3960E-0
38		*	0.00	0.323	0.001	0.4648	0.0076	.0000E+00	.1325E-01	0.1529	.4322E-02	.1021E-02	0.0013	.1056E-05	.3870E-0
39		*	0.00	0.124	0.027	0.4648	0.0000	.0000E+00	.0000E+00	0.1603	.4531E-02	.1059E-02	0.0012	.9888E-06	.3745E-0
40		*	0.14	0.247	0.000	0.4654	0.0046	.0000E+00	.1063E-01	0.1563	.4419E-02	.1039E-02	0.0006	.4777E-06	.2769E-0
41		*	0.20	0.524	0.000	0.4649	0.0088	.0000E+00	.1735E-01	0.1764	.4988E-02	.1139E-02	0.0012	.8933E-06	.3547E-0
42	*	*	0.00	0.000	0.040	0.4648	0.0006	.0000E+00	.5269E-03	0.1889	.5341E-02	.1200E-02	0.0011	.8209E-06	.3405E-0
43		*	0.00	0.051	0.036	0.4648	0.0000	.0000E+00	.0000E+00	0.1727	.4884E-02	.1121E-02	0.0011	.8016E-06	.4222E-0
44	*	*	0.00	0.000	0.036	0.4648	0.0000	.0000E+00	.0000E+00	0.1571	.4442E-02	.1043E-02	0.0011	.8123E-06	.3394E-0
45	*	*	0.02	0.000	0.033	0.4648	0.0000	.0000E+00	.0000E+00	0.1429	.4039E-02	.9700E-03	0.0006	.4111E-06	.2555E-0
46	*	*	0.76	0.000	0.034	0.4648	0.0000	.0000E+00	.0000E+00	0.1298	.3671E-02	.9019E-03	0.0011	.8086E-06	.3395E-0
47	*	*	0.63	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1180	.3335E-02	.8383E-03	0.0011	.8055E-06	.3388E-0
48	*	*	0.00	0.000	0.031	0.4648	0.0000	.0000E+00	.0000E+00	0.1071	.3029E-02	.7789E-03	0.0011	.8002E-06	.3376E-0
49	*	*	0.00	0.000	0.039	0.4648	0.0000	.0000E+00	.0000E+00	0.0972	.2749E-02	.7234E-03	0.0011	.7929E-06	.4193E-0
50	*	*	0.00	0.000	0.040	0.4648	0.0000	.0000E+00	.0000E+00	0.0882	.2494E-02	.6717E-03	0.0011	.7845E-06	.3336E-0
51		*	0.00	0.350	0.000	0.4654	0.0047	.0000E+00	.1074E-01	0.0906	.2563E-02	.6857E-03	0.0005	.3727E-06	.2445E-0
52		*	0.14	0.783	0.000	0.4649	0.0089	.0000E+00	.1744E-01	0.1168	.3301E-02	.8313E-03	0.0010	.6830E-06	.3094E-0
53		*	0.03	0.521	0.000	0.4648	0.0054	.0000E+00	.1489E-01	0.1488	.4207E-02	.1000E-02	0.0010	.5916E-06	.2876E-0
54		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1592	.4500E-02	.1053E-02	0.0009	.5344E-06	.2747E-0
55		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1447	.4092E-02	.9797E-03	0.0009	.5276E-06	.2746E-0
56	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1315	.3720E-02	.9109E-03	0.0009	.5374E-06	.2770E-0
57		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.1195	.3379E-02	.8467E-03	0.0009	.5447E-06	.2788E-0
58	*	*	0.91	0.000	0.034	0.4648	0.0000	.0000E+00	.0000E+00	0.1085	.3069E-02	.7868E-03	0.0009	.5498E-06	.2801E-0
59	*	*	0.34	0.000	0.034	0.4648	0.0000	.0000E+00	.0000E+00	0.0985	.2786E-02	.7308E-03	0.0009	.5528E-06	.2808E-0
60	*	*	0.14	0.000	0.036	0.4648	0.0000	.0000E+00	.0000E+00	0.0894	.2527E-02	.6786E-03	0.0009	.5540E-06	.2810E-0
61	*	*	0.00	0.000	0.038	0.4648	0.0000	.0000E+00	.0000E+00	0.0811	.2292E-02	.6299E-03	0.0009	.5535E-06	.2809E-0
62	*	*	0.00	0.000	0.040	0.4648	0.0000	.0000E+00	.0000E+00	0.0735	.2077E-02	.5845E-03	0.0009	.5516E-06	.2803E-0
63	*	*	0.00	0.000	0.041	0.4648	0.0000	.0000E+00	.0000E+00	0.0666	.1882E-02	.5421E-03	0.0009	.5484E-06	.2795E-0
64	*	*	0.00	0.000	0.033	0.4648	0.0000	.0000E+00	.0000E+00	0.0603	.1704E-02	.5027E-03	0.0009	.5439E-06	.2783E-0
65		*	0.00	0.000	0.042	0.4648	0.0000	.0000E+00	.0000E+00	0.0545	.1542E-02	.4659E-03	0.0009	.5360E-06	.3455E-0
66	*	*	0.00	0.000	0.037	0.4648	0.0000	.0000E+00	.0000E+00	0.0493	.1395E-02	.4316E-03	0.0005	.2686E-06	.2066E-0
67	*	*	0.00	0.000	0.040	0.4648	0.0000	.0000E+00	.0000E+00	0.0446	.1261E-02	.3997E-03	0.0009	.5252E-06	.2734E-0
68	*	*	0.09	0.000	0.039	0.4648	0.0000	.0000E+00	.0000E+00	0.0403	.1139E-02	.3699E-03	0.0009	.5151E-06	.3386E-0
69	*	*	0.00	0.000	0.032	0.4648	0.0000	.0000E+00	.0000E+00	0.0364	.1028E-02	.3422E-03	0.0009	.5085E-06	.2686E-0
70	*	*	0.15	0.000	0.035	0.4648	0.0000	.0000E+00	.0000E+00	0.0328	.9278E-03	.3165E-03	0.0009	.4996E-06	.2662E-0
71	*	*	0.02	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0296	.8365E-03	.2925E-03	0.0009	.4904E-06	.2638E-0
72		*	0.00	0.427	0.000	0.4654	0.0048	.0000E+00	.1080E-01	0.0374	.1057E-02	.3482E-03	0.0008	.4531E-06	.2536E-0

73		*	0.00	0.713	0.013	0.4649	0.0045	.0000E+00	.4614E-02	0.0556	.1572E-02	.4727E-03	0.0008	.3958E-06	.2370E-0
74		*	0.00	0.000	0.000	0.4648	0.0004	.0000E+00	.3384E-03	0.0580	.1641E-02	.4884E-03	0.0008	.3783E-06	.2317E-0
75		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0530	.1500E-02	.4561E-03	0.0008	.3770E-06	.2313E-0
76		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0480	.1356E-02	.4225E-03	0.0004	.1895E-06	.1736E-0
77		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0433	.1226E-02	.3912E-03	0.0008	.3735E-06	.2307E-0
78		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0392	.1107E-02	.3620E-03	0.0008	.3714E-06	.2300E-0
79		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0353	.9993E-03	.3349E-03	0.0008	.3686E-06	.2291E-0
80		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0319	.9015E-03	.3096E-03	0.0008	.3652E-06	.2280E-0
81		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0287	.8127E-03	.2862E-03	0.0007	.3613E-06	.2268E-0
82	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0259	.7322E-03	.2643E-03	0.0007	.3570E-06	.2254E-0
83	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0233	.6591E-03	.2440E-03	0.0007	.3523E-06	.2239E-0
84	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0210	.5930E-03	.2252E-03	0.0007	.3473E-06	.2223E-0
85		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0189	.5330E-03	.2076E-03	0.0007	.3421E-06	.2206E-0
86		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0169	.4788E-03	.1914E-03	0.0007	.3366E-06	.2188E-0
87		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0152	.4297E-03	.1763E-03	0.0007	.3309E-06	.2169E-0
88		*	0.54	0.526	0.004	0.4648	0.0059	.0000E+00	.1023E-01	0.0238	.6723E-03	.2457E-03	0.0007	.3098E-06	.2088E-0
89		*	0.12	0.107	0.004	0.4648	0.0054	.0000E+00	.9295E-02	0.0470	.1329E-02	.4154E-03	0.0006	.2635E-06	.2379E-0
90			0.00	0.000	0.122	0.4399	3.6857	.0000E+00	.2805E-01	0.0852	.2409E-02	.6514E-03	0.0005	.1826E-06	.1611E-0
91			0.00	0.000	0.109	0.4155	4.6109	.0000E+00	.3673E-01	0.1587	.4488E-02	.1049E-02	0.0004	.1019E-06	.1204E-0
92			0.21	0.000	0.109	0.4264	4.1561	.0000E+00	.3572E-01	0.2388	.6753E-02	.1435E-02	0.0003	.4742E-07	.8219E-0
93			0.00	0.000	0.133	0.3985	3.7728	.0000E+00	.3487E-01	0.3096	.8753E-02	.1750E-02	0.0002	.1904E-07	.5216E-0
94			0.00	0.000	0.132	0.3708	3.4132	.0000E+00	.3408E-01	0.3722	.1052E-01	.2015E-02	0.0001	.5484E-08	.2810E-0
95			0.00	0.000	0.101	0.3484	3.0753	.0000E+00	.3333E-01	0.4275	.1209E-01	.2241E-02	0.0000	.5202E-09	.8784E-0
96			0.00	0.000	0.100	0.3263	2.8141	.0000E+00	.3275E-01	0.4763	.1347E-01	.2435E-02	0.0000	.0000E+00	.1110E-1
97			0.05	0.000	0.120	0.3093	2.5772	.0000E+00	.3223E-01	0.5197	.1469E-01	.2603E-02	0.0000	.0000E+00	.0000E+0
98			0.35	0.000	0.114	0.3433	2.3218	.0000E+00	.3167E-01	0.5580	.1578E-01	.2750E-02	0.0000	.0000E+00	.0000E+0
99			0.21	0.000	0.140	0.3497	2.0281	.0000E+00	.3102E-01	0.5915	.1673E-01	.2876E-02	0.0000	.0000E+00	.0000E+0
100			0.49	0.001	0.136	0.4034	2.2182	.0000E+00	.3144E-01	0.6217	.1758E-01	.2988E-02	0.0000	.0000E+00	.0000E+0
101			0.00	0.000	0.148	0.3731	3.1988	.0000E+00	.3360E-01	0.6521	.1844E-01	.3100E-02	0.0000	.0000E+00	.0000E+0
102			0.00	0.000	0.184	0.3370	2.8554	.0000E+00	.3285E-01	0.6828	.1931E-01	.3211E-02	0.0000	.0000E+00	.0000E+0
103			0.20	0.000	0.148	0.3403	2.5664	.0000E+00	.3221E-01	0.7090	.2005E-01	.3306E-02	0.0000	.0000E+00	.0000E+0
104			0.48	0.000	0.184	0.3843	2.2898	.0000E+00	.3159E-01	0.7314	.2068E-01	.3386E-02	0.0000	.0000E+00	.0000E+0
105			0.16	0.000	0.173	0.3768	2.5742	.0000E+00	.3222E-01	0.7517	.2125E-01	.3458E-02	0.0000	.0000E+00	.0000E+0
106			0.00	0.000	0.222	0.3345	2.3735	.0000E+00	.3178E-01	0.7708	.2179E-01	.3525E-02	0.0000	.0000E+00	.0000E+0
107			0.00	0.000	0.183	0.2988	2.0580	.0000E+00	.3108E-01	0.7869	.2225E-01	.3582E-02	0.0000	.0000E+00	.0000E+0
108			0.02	0.000	0.113	0.2781	1.8330	.0000E+00	.3058E-01	0.8001	.2262E-01	.3628E-02	0.0000	.0000E+00	.0000E+0
109			0.00	0.000	0.133	0.2509	1.6443	.0000E+00	.3017E-01	0.8109	.2293E-01	.3666E-02	0.0000	.0000E+00	.0000E+0
110			0.00	0.000	0.165	0.2185	1.3004	.0000E+00	.2941E-01	0.8195	.2317E-01	.3696E-02	0.0000	.0000E+00	.0000E+0
111			0.00	0.000	0.162	0.1867	0.8780	.0000E+00	.2847E-01	0.8252	.2333E-01	.3716E-02	0.0000	.0000E+00	.0000E+0
112			0.00	0.000	0.155	0.1574	0.4256	.0000E+00	.2078E-01	0.8212	.2322E-01	.3702E-02	0.0000	.0000E+00	.0000E+0
113			0.00	0.000	0.134	0.1350	0.0000	.0000E+00	.0000E+00	0.7846	.2218E-01	.3574E-02	0.0000	.0000E+00	.0000E+0
114			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7175	.2029E-01	.3336E-02	0.0001	.4645E-08	.2611E-0
115			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6560	.1855E-01	.3114E-02	0.0002	.2122E-07	.5532E-0
116			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5997	.1696E-01	.2906E-02	0.0003	.4685E-07	.8196E-0
117			0.38	0.000	0.026	0.1940	0.0000	.0000E+00	.0000E+00	0.5480	.1549E-01	.2712E-02	0.0003	.7884E-07	.1062E-0
118			0.64	0.002	0.036	0.2942	0.0000	.0000E+00	.0000E+00	0.5006	.1415E-01	.2530E-02	0.0004	.1149E-06	.1281E-0
119			0.00	0.000	0.238	0.2546	0.0000	.0000E+00	.0000E+00	0.4572	.1293E-01	.2360E-02	0.0005	.1533E-06	.1478E-0
120			0.00	0.000	0.225	0.2170	0.0000	.0000E+00	.0000E+00	0.4174	.1180E-01	.2201E-02	0.0005	.1925E-06	.1656E-0
121			0.19	0.000	0.154	0.2230	0.0000	.0000E+00	.0000E+00	0.3810	.1077E-01	.2052E-02	0.0006	.2314E-06	.1815E-0
122			1.00	0.040	0.177	0.3536	0.0000	.0000E+00	.0000E+00	0.3476	.9829E-02	.1913E-02	0.0003	.1345E-06	.1467E-0
123			0.00	0.000	0.214	0.3132	1.1358	.0000E+00	.2904E-01	0.3459	.9781E-02	.1906E-02	0.0006	.2700E-06	.1961E-0
124			2.30	0.984	0.156	0.5010	2.8262	.0000E+00	.3278E-01	0.3948	.1116E-01	.2109E-02	0.0006	.2375E-06	.1812E-0
125			0.00	0.000	0.217	0.4584	5.5727	.0000E+00	.3885E-01	0.4516	.1277E-01	.2337E-02	0.0005	.1870E-06	.1602E-0
126			0.00	0.000	0.236	0.4129	4.5828	.0000E+00	.3666E-01	0.5112	.1445E-01	.2571E-02	0.0005	.1422E-06	.1393E-0
127			0.30	0.000	0.161	0.4303	3.9393	.0000E+00	.3524E-01	0.5609	.1586E-01	.2761E-02	0.0004	.1098E-06	.1227E-0
128			0.07	0.000	0.187	0.4050	3.9426	.0000E+00	.3525E-01	0.6042	.1708E-01	.2923E-02	0.0004	.8821E-07	.1375E-0
129			0.00	0.000	0.204	0.3652	3.4779	.0000E+00	.3422E-01	0.6428	.1818E-01	.3065E-02	0.0003	.6765E-07	.9844E-0
130			0.94	0.066	0.165	0.4777	3.5176	.0000E+00	.3431E-01	0.6767	.1913E-01	.3189E-02	0.0003	.5909E-07	.9206E-0
131			0.00	0.000	0.237	0.4318	4.9659	.0000E+00	.3751E-01	0.7111	.2011E-01	.3313E-02	0.0003	.5178E-07	.8623E-0
132			0.36	0.001	0.182	0.4553	4.3708	.0000E+00	.3620E-01	0.7464	.2111E-01	.3439E-02	0.0001	.2163E-07	.5989E-0
133			0.42	0.021	0.171	0.4871	5.0019	.0000E+00	.3759E-01	0.7782	.2200E-01	.3551E-02	0.0003	.4395E-07	.9824E-0
134			0.24	0.026	0.164	0.4889	5.6149	.0000E+00	.3895E-01	0.8108	.2293E-01	.3666E-02	0.0002	.3818E-07	.7421E-0
135			0.07	0.000	0.129	0.4726	5.5199	.0000E+00	.3874E-01	0.8428	.2383E-01	.3777E-02	0.0002	.3588E-07	.7198E-0
136			0.05	0.000	0.178	0.4450	5.0032	.0000E+00	.3759E-01	0.8706	.2462E-01	.3872E-02	0.0002	.3564E-07	.7176E-0
137			0.12	0.000	0.215	0.4230	4.3817	.0000E+00	.3622E-01	0.8930	.2525E-01	.3949E-02	0.0002	.3778E-07	.7389E-0
138			0.11	0.000	0.289	0.3873	3.8154	.0000E+00	.3497E-01	0.9100	.2573E-01	.4007E-02	0.0003	.4229E-07	.7815E-0
139			0.34	0.000	0.190	0.4067	3.4214	.0000E+00	.3410E-01	0.9228	.2609E-01	.4050E-02	0.0001	.2298E-07	.6209E-0
140			0.00	0.000	0.236	0.3618	3.1309	.0000E+00	.3345E-01	0.9324	.2636E-01	.4083E-02	0.0003	.5588E-07	.8939E-0
141			0.00	0.000	0.171	0.3279	2.8042	.0000E+00	.3273E-01	0.9395	.2657E-01	.4107E-02	0.0003	.6590E-07	.9716E-0
142			0.00	0.000	0.219	0.2860	2.4322	.0000E+00	.3191E-01	0.9441	.2669E-01	.4122E-02	0.0003	.7802E-07	.1058E-0
143			0.00	0.000	0.206	0.2466	1.9207	.0000E+00	.3078E-01	0.9458	.2674E-01	.4128E-02	0.0004	.9250E-07	.1153E-0
144			0.00	0.000	0.212	0.2064	1.3148	.0000E+00	.2944E-01	0.9442	.2670E-01	.4123E-02	0.0004	.1098E-06	.1256E-0
145			0.06	0.000	0.216	0.1757	0.6723	.0000E+00	.2802E-01	0.9392	.2656E-01	.4106E-02	0.0005	.1327E-06	.1728E-0
146			0.00	0.000	0.089	0.1586	0.1225	.0000E+00	.1350E-01	0.9179	.2595E-01	.4034E-02	0.0005	.1705E-06	.1563E-0
147			0.00	0.000	0.073	0.1465	0.0000	.0000E+00	.0000E+00	0.8616	.2436E-01	.3841E-02	0.0006	.2360E-06	.1837E-0
148			0.00	0.000	0.068	0.1351	0.0000	.0000E+00	.0000E+00	0.7881	.2229E-01	.3586E-02	0.0007	.3255E-06	.2155E-0
149			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.7208	.2038E-01	.3348E-02	0.0008	.4167E-06	.2437E-0
150			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6590	.1863E-01	.3125E-02	0.0009	.5064E-06	.2685E-0
151			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6024	.1703E-01	.2916E-02	0.0010	.5919E-06	.2902E-0
152			0.01	0.000	0.008	0.1353	0.0000	.0000E+00	.0000E+00	0.5505	.1556E-01	.2721E-02	0.0010	.6717E-06	.3090E-0
153			0.39	0.000	0.025	0.1962	0.0000	.0000E+00	.0000E+00	0.5029	.1422E-01	.2539E-02	0.0011	.7443E-06	.3252E-0
154			0.10	0.000	0.037	0.2066	0.0000	.0000E+00	.0000E+00	0.4593	.1299E-01	.2368E-02	0.0011	.8093E-06	.3390E-0
155			0.02	0.000	0.048	0.2020	0.0000	.0000E+00	.0000E+00	0.4193	.1186E-01	.2208E-02	0.0006	.4360E-06	.2635E-0
156			0.00	0.000	0.041	0.1952	0.0000	.0000E+00	.0000E+00	0.3827	.1082E-01	.2059E-02	0.0012	.8937E-06	.3580E-0
157			0.68	0.001	0.043	0.3011	0.0000	.0000E+00	.0000E+00	0.3492	.9874E-02	.1920E-02	0.0012	.9369E-06	.3664E-0
158			0.00	0.000	0.237	0.2616	0.0000	.0000E+00	.0000E+00	0.3185	.9007E-02	.1789E-02	0.0012	.9725E-06	.3731E-0
159			0.00	0.000	0.255	0.2171	0.0172	.0000E+00	.1177E-01	0.3021	.8543E-02	.1719E-02	0.0012	.9844E-06	.3746E-0
160			0.00	0.000	0.227	0.1792	0.0000	.0000E+00	.0000E+00	0.2944	.8323E-02	.1685E-02	0.0012	.9720E-06	.3718E-0
161			0.00	0.000	0.104	0.1597	0.0259	.0000E+00	.1322E-01	0.2815	.7959E-02	.1628E-02	0.0012	.9600E-06	.3698E-0
162			0.00	0.000	0.097	0.1435	0.0000	.0000E+00	.0000E+00	0.2778	.7854E-02	.1612E-02	0.0012	.9396E-06	.3653E-0
163			0.00	0.000	0.051	0.1350	0.0000	.0000E+00	.0000E+00	0.2532	.7158E-02	.1501E-02	0.0012	.9419E-06	.3669E-0
164			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2306	.6522E-02	.1398E-02	0.0012	.9582E-06	.3700E-0
165			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2101	.5939E-02	.1302E-02	0.0012	.9693E-06	.3720E-0
166			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1912	.5407E-02	.1212E-02	0.0012	.9756E-06	.3731E-0
167			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1740	.4920E-02	.1128E-02	0.0012	.9778E-06	.3734E-0
168			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1583	.4476E-02	.1049E-02	0.0012	.9762E-06	.3731E-0

169	0.56	0.000	0.053	0.2195	0.0000	.0000E+00	.0000E+00	0.1439	.4070E-02	.9756E-03	0.0012	.9658E-06	.4642E-0
170	0.35	0.000	0.067	0.2666	0.0000	.0000E+00	.0000E+00	0.1308	.3699E-02	.9071E-03	0.0012	.9659E-06	.3701E-0
171	0.01	0.000	0.176	0.2390	0.0000	.0000E+00	.0000E+00	0.1189	.3361E-02	.8432E-03	0.0006	.4774E-06	.2768E-0
172	0.00	0.000	0.314	0.1866	0.0000	.0000E+00	.0000E+00	0.1079	.3052E-02	.7834E-03	0.0012	.9411E-06	.4566E-0
173	0.00	0.000	0.261	0.1431	0.0000	.0000E+00	.0000E+00	0.0980	.2770E-02	.7277E-03	0.0012	.9269E-06	.3625E-0
174	0.00	0.000	0.048	0.1350	0.0000	.0000E+00	.0000E+00	0.0889	.2513E-02	.6757E-03	0.0012	.9107E-06	.3594E-0
175	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0806	.2279E-02	.6272E-03	0.0012	.8934E-06	.3559E-0
176	0.30	0.000	0.047	0.1771	0.0000	.0000E+00	.0000E+00	0.0731	.2066E-02	.5820E-03	0.0012	.8751E-06	.3523E-0
177	0.09	0.000	0.065	0.1812	0.0000	.0000E+00	.0000E+00	0.0662	.1871E-02	.5398E-03	0.0012	.8561E-06	.3484E-0
178	0.18	0.000	0.079	0.1980	0.0000	.0000E+00	.0000E+00	0.0599	.1694E-02	.5005E-03	0.0006	.4183E-06	.2591E-0
179	0.00	0.000	0.090	0.1830	0.0000	.0000E+00	.0000E+00	0.0542	.1533E-02	.4638E-03	0.0011	.8194E-06	.3413E-0
180	0.00	0.000	0.099	0.1665	0.0000	.0000E+00	.0000E+00	0.0490	.1387E-02	.4297E-03	0.0011	.7995E-06	.3372E-0
181	0.00	0.000	0.100	0.1498	0.0000	.0000E+00	.0000E+00	0.0443	.1253E-02	.3979E-03	0.0011	.7795E-06	.3329E-0
182	0.00	0.000	0.078	0.1368	0.0000	.0000E+00	.0000E+00	0.0400	.1132E-02	.3683E-03	0.0011	.7594E-06	.3285E-0
183	0.00	0.000	0.009	0.1353	0.0000	.0000E+00	.0000E+00	0.0362	.1022E-02	.3407E-03	0.0011	.7393E-06	.4043E-0
184	0.00	0.000	0.002	0.1350	0.0000	.0000E+00	.0000E+00	0.0326	.9223E-03	.3151E-03	0.0011	.7159E-06	.3187E-0
185	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0294	.8316E-03	.2912E-03	0.0010	.6961E-06	.3142E-0
186	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0265	.7493E-03	.2690E-03	0.0010	.6766E-06	.3098E-0
187	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0239	.6746E-03	.2484E-03	0.0010	.6574E-06	.3054E-0
188	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0215	.6070E-03	.2292E-03	0.0010	.6385E-06	.3010E-0
189	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0193	.5457E-03	.2114E-03	0.0010	.6201E-06	.2966E-0
190	0.91	0.014	0.058	0.2746	0.0000	.0000E+00	.0000E+00	0.0173	.4903E-03	.1948E-03	0.0010	.6020E-06	.2922E-0
191	0.19	0.000	0.181	0.2761	0.0000	.0000E+00	.0000E+00	0.0156	.4401E-03	.1795E-03	0.0005	.2922E-06	.2165E-0
192	0.00	0.000	0.251	0.2343	0.0000	.0000E+00	.0000E+00	0.0140	.3947E-03	.1652E-03	0.0009	.5706E-06	.2847E-0
193	0.00	0.000	0.254	0.1920	0.0000	.0000E+00	.0000E+00	0.0125	.3538E-03	.1520E-03	0.0009	.5512E-06	.3498E-0
194	0.00	0.000	0.243	0.1516	0.0000	.0000E+00	.0000E+00	0.0112	.3167E-03	.1398E-03	0.0009	.5341E-06	.2753E-0
195	0.27	0.000	0.165	0.1691	0.0000	.0000E+00	.0000E+00	0.0100	.2833E-03	.1284E-03	0.0009	.5183E-06	.2712E-0
196	0.00	0.000	0.107	0.1513	0.0000	.0000E+00	.0000E+00	0.0090	.2532E-03	.1179E-03	0.0009	.5029E-06	.2671E-0
197	0.00	0.000	0.077	0.1384	0.0000	.0000E+00	.0000E+00	0.0080	.2261E-03	.1082E-03	0.0004	.2462E-06	.1978E-0
198	0.00	0.000	0.016	0.1357	0.0000	.0000E+00	.0000E+00	0.0071	.2017E-03	.9916E-04	0.0009	.4766E-06	.2602E-0
199	0.14	0.000	0.075	0.1465	0.0000	.0000E+00	.0000E+00	0.0064	.1797E-03	.9083E-04	0.0008	.4625E-06	.2563E-0
200	1.98	0.375	0.139	0.3908	0.0000	.0000E+00	.0000E+00	0.0057	.1599E-03	.8313E-04	0.0008	.4489E-06	.2525E-0
201	0.37	0.003	0.309	0.3952	2.2427	.0000E+00	.3149E-01	0.0363	.1025E-02	.3259E-03	0.0008	.3840E-06	.2302E-0
202	0.11	0.000	0.193	0.3759	2.7840	.0000E+00	.3269E-01	0.1156	.3270E-02	.8231E-03	0.0006	.2565E-06	.1839E-0
203	0.00	0.000	0.233	0.3318	2.5963	.0000E+00	.3227E-01	0.1895	.5359E-02	.1202E-02	0.0005	.1521E-06	.1748E-0
204	0.00	0.000	0.202	0.2928	2.4319	.0000E+00	.3191E-01	0.2560	.7239E-02	.1514E-02	0.0003	.7224E-07	.1014E-0
205	1.37	0.163	0.180	0.4588	2.1644	.0000E+00	.3132E-01	0.3157	.8926E-02	.1777E-02	0.0003	.4101E-07	.7649E-0
206	0.00	0.000	0.283	0.4057	4.3361	.0000E+00	.3612E-01	0.3741	.1058E-01	.2023E-02	0.0002	.2047E-07	.5412E-0
207	0.00	0.000	0.244	0.3592	3.6535	.0000E+00	.3461E-01	0.4338	.1226E-01	.2266E-02	0.0001	.3562E-08	.2438E-0
208	0.00	0.000	0.277	0.3075	3.0015	.0000E+00	.3317E-01	0.4846	.1370E-01	.2467E-02	0.0001	.3944E-08	.2077E-0
209	0.04	0.000	0.233	0.2701	2.3045	.0000E+00	.3163E-01	0.5273	.1491E-01	.2633E-02	0.0000	.7688E-09	.9500E-0
210	0.00	0.000	0.245	0.2243	1.5816	.0000E+00	.3003E-01	0.5623	.1590E-01	.2766E-02	0.0000	.0000E+00	.0000E+0
211	0.00	0.000	0.237	0.1800	0.8518	.0000E+00	.2842E-01	0.5903	.1669E-01	.2871E-02	0.0000	.0000E+00	.0000E+0
212	0.00	0.000	0.262	0.1352	0.1934	.0000E+00	.6939E-02	0.5920	.1674E-01	.2878E-02	0.0000	.0000E+00	.0000E+0
213	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.5521	.1561E-01	.2727E-02	0.0001	.2031E-08	.1727E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5044	.1426E-01	.2544E-02	0.0001	.1131E-07	.4038E-0
215	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4607	.1303E-01	.2373E-02	0.0002	.2642E-07	.6153E-0
216	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4206	.1189E-01	.2214E-02	0.0003	.4574E-07	.8084E-0
217	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3839	.1085E-01	.2064E-02	0.0003	.6791E-07	.9842E-0
218	0.30	0.000	0.091	0.1698	0.0000	.0000E+00	.0000E+00	0.3503	.9904E-02	.1924E-02	0.0004	.9182E-07	.1144E-0
219	0.00	0.000	0.116	0.1505	0.0000	.0000E+00	.0000E+00	0.3195	.9034E-02	.1794E-02	0.0004	.1166E-06	.1288E-0
220	0.00	0.000	0.082	0.1368	0.0000	.0000E+00	.0000E+00	0.2913	.8238E-02	.1671E-02	0.0005	.1414E-06	.1419E-0
221	0.00	0.000	0.008	0.1354	0.0000	.0000E+00	.0000E+00	0.2656	.7509E-02	.1557E-02	0.0005	.1658E-06	.1536E-0
222	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.2420	.6842E-02	.1450E-02	0.0005	.1893E-06	.1641E-0
223	0.01	0.000	0.011	0.1350	0.0000	.0000E+00	.0000E+00	0.2204	.6233E-02	.1351E-02	0.0006	.2116E-06	.1734E-0
224	0.89	0.012	0.114	0.2623	0.0000	.0000E+00	.0000E+00	0.2007	.5675E-02	.1257E-02	0.0006	.2324E-06	.1817E-0
225	0.02	0.000	0.177	0.2360	0.0000	.0000E+00	.0000E+00	0.1827	.5166E-02	.1170E-02	0.0003	.1263E-06	.1420E-0
226	0.00	0.000	0.269	0.1912	0.0000	.0000E+00	.0000E+00	0.1662	.4700E-02	.1089E-02	0.0006	.2620E-06	.1939E-0
227	0.00	0.000	0.188	0.1598	0.0000	.0000E+00	.0000E+00	0.1512	.4274E-02	.1013E-02	0.0007	.2783E-06	.1998E-0
228	0.88	0.011	0.247	0.2635	0.0000	.0000E+00	.0000E+00	0.1374	.3886E-02	.9418E-03	0.0007	.2928E-06	.2561E-0
229	0.20	0.000	0.249	0.2554	0.0000	.0000E+00	.0000E+00	0.1249	.3531E-02	.8756E-03	0.0007	.3110E-06	.2102E-0
230	1.21	0.164	0.220	0.3919	0.1800	.0000E+00	.7031E-02	0.1204	.3405E-02	.8516E-03	0.0007	.3105E-06	.2100E-0
231	0.00	0.000	0.228	0.3487	2.3731	.0000E+00	.3178E-01	0.1522	.4304E-02	.1017E-02	0.0006	.2576E-06	.1913E-0
232	0.00	0.000	0.233	0.3047	2.2375	.0000E+00	.3148E-01	0.2207	.6240E-02	.1351E-02	0.0005	.1727E-06	.1567E-0
233	0.00	0.000	0.250	0.2578	1.8446	.0000E+00	.3061E-01	0.2819	.7972E-02	.1630E-02	0.0004	.1169E-06	.1290E-0
234	0.00	0.000	0.240	0.2130	1.3296	.0000E+00	.2947E-01	0.3354	.9485E-02	.1861E-02	0.0004	.8030E-07	.1070E-0
235	0.00	0.000	0.243	0.1678	0.6802	.0000E+00	.2804E-01	0.3812	.1078E-01	.2053E-02	0.0003	.5656E-07	.8985E-0
236	0.00	0.000	0.197	0.1350	0.0551	.0000E+00	.0000E+00	0.3929	.1111E-01	.2101E-02	0.0003	.5364E-07	.8751E-0
237	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3585	.1014E-01	.1959E-02	0.0002	.3791E-07	.7780E-0
238	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3270	.9247E-02	.1826E-02	0.0004	.9067E-07	.1152E-0
239	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2982	.8433E-02	.1702E-02	0.0004	.1143E-06	.1291E-0
240	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2719	.7688E-02	.1585E-02	0.0005	.1381E-06	.1416E-0
241	0.29	0.000	0.098	0.1670	0.0000	.0000E+00	.0000E+00	0.2478	.7006E-02	.1477E-02	0.0005	.1613E-06	.1917E-0
242	0.00	0.000	0.088	0.1524	0.0000	.0000E+00	.0000E+00	0.2257	.6382E-02	.1375E-02	0.0005	.1921E-06	.1653E-0
243	0.00	0.000	0.080	0.1390	0.0000	.0000E+00	.0000E+00	0.2055	.5812E-02	.1280E-02	0.0006	.2129E-06	.1740E-0
244	0.00	0.000	0.019	0.1358	0.0000	.0000E+00	.0000E+00	0.1871	.5290E-02	.1192E-02	0.0006	.2323E-06	.1817E-0
245	0.00	0.000	0.004	0.1351	0.0000	.0000E+00	.0000E+00	0.1702	.4814E-02	.1109E-02	0.0003	.1250E-06	.1415E-0
246	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1549	.4379E-02	.1032E-02	0.0006	.2589E-06	.2414E-0
247	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1408	.3981E-02	.9594E-03	0.0007	.2806E-06	.1996E-0
248	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1280	.3618E-02	.8919E-03	0.0003	.1467E-06	.1533E-0
249	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1162	.3287E-02	.8289E-03	0.0007	.2995E-06	.2070E-0
250	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1055	.2984E-02	.7702E-03	0.0007	.3086E-06	.2629E-0
251	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0958	.2709E-02	.7153E-03	0.0007	.3222E-06	.2139E-0
252	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0869	.2457E-02	.6642E-03	0.0007	.3288E-06	.2161E-0
253	0.07	0.000	0.030	0.1417	0.0000	.0000E+00	.0000E+00	0.0788	.2228E-02	.6164E-03	0.0007	.3341E-06	.2178E-0
254	0.00	0.000	0.027	0.1373	0.0000	.0000E+00	.0000E+00	0.0714	.2019E-02	.5719E-03	0.0007	.3382E-06	.2191E-0
255	0.00	0.000	0.010	0.1357	0.0000	.0000E+00	.0000E+00	0.0647	.1829E-02	.5304E-03	0.0007	.3412E-06	.2201E-0
256	0.08	0.000	0.033	0.1435	0.0000	.0000E+00	.0000E+00	0.0586	.1656E-02	.4917E-03	0.0007	.3431E-06	.2207E-0
257	0.00	0.000	0.030	0.1385	0.0000	.0000E+00	.0000E+00	0.0530	.1498E-02	.4557E-03	0.0007	.3440E-06	.2210E-0
258	0.08	0.000	0.040	0.1452	0.0000	.0000E+00	.0000E+00	0.0479	.1355E-02	.4221E-03	0.0007	.3441E-06	.2210E-0
259	0.20	0.000	0.048	0.1705	0.0000	.0000E+00	.0000E+00	0.0433	.1224E-02	.3908E-03	0.0004	.1717E-06	.1659E-0
260	0.63	0.000	0.055	0.2663	0.0000	.0000E+00	.0000E+00	0.0391	.1106E-02	.3617E-03	0.0007	.3412E-06	.2204E-0
261	1.28	0.201	0.156	0.4177	0.4321	.0000E+00	.1422E-01	0.0494	.1397E-02	.4308E-03	0.0007	.3214E-06	.2127E-0
262	0.06	0.000	0.131	0.4001	3.6096	.0000E+00	.3451E-01	0.1017	.2876E-02	.7453E-03	0.0006	.2514E-06	.1847E-0
263	0.41	0.000	0.114	0.4436	3.6236	.0000E+00	.3454E-01	0.1820	.5147E-02	.1166E-02	0.0005	.1579E-06	.1439E-0
264	0.14	0.000	0.131	0.4391	4.3301	.0000E+00	.3611E-01	0.2570	.7266E-02	.1518E-02	0.0004	.8810E-07	.1070E-0

265		0.00	0.000	0.135	0.4108	4.0349	.0000E+00	.3545E-01	0.3274	.9257E-02	.1827E-02	0.0003	.4564E-07	.7623E-0
266		0.00	0.000	0.122	0.3846	3.6548	.0000E+00	.3461E-01	0.3899	.1103E-01	.2089E-02	0.0002	.2112E-07	.5114E-0
267		0.00	0.000	0.118	0.3593	3.3141	.0000E+00	.3386E-01	0.4451	.1259E-01	.2312E-02	0.0001	.8223E-08	.3797E-0
268		0.00	0.000	0.119	0.3339	2.9835	.0000E+00	.3313E-01	0.4937	.1396E-01	.2503E-02	0.0000	.8693E-09	.1135E-0
269		0.00	0.000	0.140	0.3050	2.7128	.0000E+00	.3253E-01	0.5365	.1517E-01	.2668E-02	0.0000	.7228E-12	.4344E-0
270		0.00	0.000	0.115	0.2807	2.3294	.0000E+00	.3168E-01	0.5739	.1623E-01	.2810E-02	0.0000	.0000E+00	.0000E+0
271		0.00	0.000	0.105	0.2580	1.8981	.0000E+00	.3073E-01	0.6059	.1713E-01	.2929E-02	0.0000	.0000E+00	.0000E+0
272		0.00	0.000	0.109	0.2348	1.6342	.0000E+00	.3015E-01	0.6331	.1790E-01	.3030E-02	0.0000	.0000E+00	.0000E+0
273		0.00	0.000	0.093	0.2144	1.1751	.0000E+00	.2913E-01	0.6560	.1855E-01	.3114E-02	0.0000	.0000E+00	.0000E+0
274		0.00	0.000	0.079	0.1966	0.8736	.0000E+00	.2846E-01	0.6748	.1908E-01	.3182E-02	0.0000	.0000E+00	.0000E+0
275		0.42	0.000	0.091	0.2468	0.7322	.0000E+00	.2815E-01	0.6906	.1953E-01	.3240E-02	0.0000	.0000E+00	.0000E+0
276		0.07	0.000	0.075	0.2412	0.5942	.0000E+00	.2785E-01	0.7043	.1992E-01	.3289E-02	0.0000	.0000E+00	.0000E+0
277		0.00	0.000	0.061	0.2264	0.4460	.0000E+00	.2752E-01	0.7161	.2025E-01	.3331E-02	0.0000	.0000E+00	.0000E+0
278		0.00	0.000	0.075	0.2094	0.2717	.0000E+00	.2713E-01	0.7260	.2053E-01	.3366E-02	0.0000	.0000E+00	.0000E+0
279		0.00	0.000	0.068	0.1936	0.1006	.0000E+00	.2675E-01	0.7340	.2075E-01	.3395E-02	0.0000	.0000E+00	.0000E+0
280		0.00	0.000	0.070	0.1820	0.0016	.0000E+00	.0000E+00	0.7142	.2019E-01	.3324E-02	0.0000	.3315E-09	.7091E-0
281		0.00	0.000	0.076	0.1693	0.0000	.0000E+00	.0000E+00	0.6530	.1846E-01	.3103E-02	0.0001	.4530E-08	.2662E-0
282		0.00	0.000	0.063	0.1587	0.0000	.0000E+00	.0000E+00	0.5969	.1688E-01	.2896E-02	0.0002	.2060E-07	.5644E-0
283		1.09	0.045	0.079	0.3197	0.0000	.0000E+00	.0000E+00	0.5454	.1542E-01	.2702E-02	0.0003	.4390E-07	.1036E-0
284		0.00	0.000	0.070	0.3046	0.5517	.0000E+00	.2112E-01	0.5192	.1468E-01	.2602E-02	0.0003	.7217E-07	.1016E-0
285		0.00	0.000	0.087	0.2853	0.8603	.0000E+00	.2843E-01	0.5365	.1517E-01	.2668E-02	0.0003	.6856E-07	.9901E-0
286		0.00	0.000	0.081	0.2671	0.7398	.0000E+00	.2817E-01	0.5638	.1594E-01	.2772E-02	0.0003	.6051E-07	.9306E-0
287		0.00	0.000	0.070	0.2508	0.5993	.0000E+00	.2786E-01	0.5881	.1663E-01	.2863E-02	0.0003	.5502E-07	.8877E-0
288		0.00	0.000	0.064	0.2355	0.4614	.0000E+00	.2755E-01	0.6096	.1724E-01	.2943E-02	0.0003	.5158E-07	.8598E-0
289		0.00	0.000	0.052	0.2222	0.3262	.0000E+00	.2725E-01	0.6285	.1777E-01	.3013E-02	0.0001	.2490E-07	.6286E-0
290		0.00	0.000	0.063	0.2072	0.1928	.0000E+00	.2696E-01	0.6450	.1824E-01	.3074E-02	0.0003	.5040E-07	.8428E-0
291		0.00	0.000	0.064	0.1928	0.0597	.0000E+00	.2170E-01	0.6545	.1851E-01	.3108E-02	0.0003	.5310E-07	.1083E-0
292		0.00	0.000	0.061	0.1826	0.0000	.0000E+00	.0000E+00	0.6331	.1790E-01	.3030E-02	0.0003	.7029E-07	.1003E-0
293		0.00	0.000	0.055	0.1735	0.0000	.0000E+00	.0000E+00	0.5787	.1636E-01	.2827E-02	0.0002	.5511E-07	.9371E-0
294		0.16	0.000	0.063	0.1897	0.0000	.0000E+00	.0000E+00	0.5287	.1495E-01	.2638E-02	0.0005	.1382E-06	.1426E-0
295		0.00	0.000	0.052	0.1809	0.0000	.0000E+00	.0000E+00	0.4829	.1366E-01	.2461E-02	0.0005	.1830E-06	.1636E-0
296		0.00	0.000	0.067	0.1697	0.0000	.0000E+00	.0000E+00	0.4410	.1247E-01	.2295E-02	0.0006	.2284E-06	.1823E-0
297		0.00	0.000	0.058	0.1601	0.0000	.0000E+00	.0000E+00	0.4026	.1138E-01	.2141E-02	0.0006	.2732E-06	.2498E-0
298		0.00	0.000	0.071	0.1482	0.0000	.0000E+00	.0000E+00	0.3674	.1039E-01	.1996E-02	0.0007	.3323E-06	.2174E-0
299		0.00	0.000	0.067	0.1370	0.0000	.0000E+00	.0000E+00	0.3352	.9478E-02	.1860E-02	0.0008	.3723E-06	.2300E-0
300		0.00	0.000	0.012	0.1350	0.0000	.0000E+00	.0000E+00	0.3057	.8644E-02	.1734E-02	0.0008	.4092E-06	.2411E-0
301		0.13	0.000	0.046	0.1491	0.0000	.0000E+00	.0000E+00	0.2787	.7880E-02	.1616E-02	0.0008	.4428E-06	.2508E-0
302		0.00	0.000	0.035	0.1432	0.0000	.0000E+00	.0000E+00	0.2540	.7182E-02	.1505E-02	0.0009	.4727E-06	.2591E-0
303		0.00	0.000	0.038	0.1368	0.0000	.0000E+00	.0000E+00	0.2314	.6543E-02	.1402E-02	0.0004	.2512E-06	.2000E-0
304		0.00	0.000	0.009	0.1353	0.0000	.0000E+00	.0000E+00	0.2108	.5959E-02	.1305E-02	0.0009	.5118E-06	.2708E-0
305		0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.1919	.5425E-02	.1215E-02	0.0009	.5323E-06	.2760E-0
306		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1746	.4937E-02	.1130E-02	0.0009	.5494E-06	.2803E-0
307		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1588	.4491E-02	.1052E-02	0.0009	.5635E-06	.2838E-0
308		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1444	.4084E-02	.9782E-03	0.0009	.5746E-06	.2865E-0
309		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1313	.3712E-02	.9095E-03	0.0009	.5830E-06	.2885E-0
310		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1193	.3372E-02	.8454E-03	0.0010	.5888E-06	.2899E-0
311		0.67	0.000	0.043	0.2394	0.0000	.0000E+00	.0000E+00	0.1083	.3062E-02	.7855E-03	0.0010	.5924E-06	.2907E-0
312		0.00	0.000	0.037	0.2332	0.0000	.0000E+00	.0000E+00	0.0983	.2780E-02	.7296E-03	0.0010	.5940E-06	.2910E-0
313		0.00	0.000	0.038	0.2269	0.0000	.0000E+00	.0000E+00	0.0892	.2522E-02	.6775E-03	0.0010	.5936E-06	.2909E-0
314		0.00	0.000	0.038	0.2205	0.0000	.0000E+00	.0000E+00	0.0809	.2287E-02	.6289E-03	0.0010	.5916E-06	.2903E-0
315		0.00	0.000	0.034	0.2149	0.0000	.0000E+00	.0000E+00	0.0733	.2073E-02	.5835E-03	0.0010	.5882E-06	.2895E-0
316	*	0.00	0.000	0.032	0.2096	0.0000	.0000E+00	.0000E+00	0.0664	.1878E-02	.5412E-03	0.0009	.5807E-06	.3597E-0
317		0.00	0.000	0.037	0.2033	0.0000	.0000E+00	.0000E+00	0.0601	.1700E-02	.5018E-03	0.0009	.5780E-06	.2864E-0
318	*	0.00	0.000	0.030	0.1983	0.0000	.0000E+00	.0000E+00	0.0544	.1539E-02	.4651E-03	0.0009	.5708E-06	.2846E-0
319	*	0.28	0.000	0.035	0.2016	0.0000	.0000E+00	.0000E+00	0.0492	.1392E-02	.4309E-03	0.0009	.5628E-06	.2826E-0
320		0.97	0.073	0.000	0.3885	0.0000	.0000E+00	.0000E+00	0.0445	.1258E-02	.3990E-03	0.0009	.5541E-06	.2804E-0
321		0.00	0.000	0.056	0.3739	2.3437	.0000E+00	.3171E-01	0.0717	.2026E-02	.5684E-03	0.0009	.4711E-06	.2586E-0
322		0.01	0.000	0.052	0.3614	2.7994	.0000E+00	.3272E-01	0.1483	.4193E-02	.9964E-03	0.0007	.3175E-06	.2124E-0
323		0.17	0.000	0.062	0.3741	2.6513	.0000E+00	.3239E-01	0.2195	.6207E-02	.1346E-02	0.0006	.2174E-06	.1758E-0
324		0.00	0.000	0.053	0.3599	2.4635	.0000E+00	.3198E-01	0.2837	.8022E-02	.1637E-02	0.0005	.1505E-06	.1463E-0
325		0.00	0.000	0.050	0.3463	2.2742	.0000E+00	.3156E-01	0.3414	.9652E-02	.1886E-02	0.0004	.1051E-06	.1224E-0
326		0.85	0.037	0.070	0.4646	2.6969	.0000E+00	.3249E-01	0.3944	.1115E-01	.2107E-02	0.0002	.3619E-07	.7644E-0
327		0.58	0.255	0.068	0.5010	5.5384	.0000E+00	.3878E-01	0.4507	.1274E-01	.2334E-02	0.0003	.5711E-07	.8724E-0
328		0.00	0.000	0.051	0.4860	5.8454	.0000E+00	.3946E-01	0.5130	.1451E-01	.2578E-02	0.0002	.3444E-07	.6686E-0
329		0.00	0.000	0.050	0.4713	5.4494	.0000E+00	.3858E-01	0.5704	.1613E-01	.2796E-02	0.0002	.1879E-07	.4894E-0
330		0.00	0.000	0.036	0.4590	5.0847	.0000E+00	.3777E-01	0.6207	.1755E-01	.2984E-02	0.0001	.9695E-08	.4335E-0
331		0.00	0.000	0.034	0.4472	4.7967	.0000E+00	.3714E-01	0.6650	.1880E-01	.3146E-02	0.0001	.3256E-08	.2188E-0
332		0.00	0.000	0.038	0.4348	4.5320	.0000E+00	.3655E-01	0.7039	.1990E-01	.3287E-02	0.0000	.1488E-08	.1490E-0
333		1.76	1.270	0.054	0.5010	5.2858	.0000E+00	.3822E-01	0.7404	.2093E-01	.3418E-02	0.0000	.1756E-09	.6440E-0
334		0.00	0.000	0.034	0.4888	5.8743	.0000E+00	.3952E-01	0.7777	.2199E-01	.3550E-02	0.0000	.3697E-09	.5848E-0
335		0.00	0.000	0.037	0.4762	5.5437	.0000E+00	.3879E-01	0.8134	.2300E-01	.3675E-02	0.0000	.1367E-09	.3674E-0
336		0.00	0.000	0.042	0.4629	5.2021	.0000E+00	.3803E-01	0.8442	.2387E-01	.3781E-02	0.0000	.8420E-11	.1135E-0
337		0.00	0.000	0.041	0.4498	4.8770	.0000E+00	.3732E-01	0.8705	.2461E-01	.3872E-02	0.0000	.2227E-10	.1615E-0
338		0.00	0.000	0.035	0.4380	4.6029	.0000E+00	.3671E-01	0.8929	.2525E-01	.3949E-02	0.0000	.2429E-10	.1684E-0
339		0.00	0.000	0.033	0.4265	4.3437	.0000E+00	.3614E-01	0.9119	.2578E-01	.4013E-02	0.0000	.4622E-09	.9407E-0
340		0.06	0.000	0.056	0.4212	4.0825	.0000E+00	.3556E-01	0.9278	.2623E-01	.4067E-02	0.0000	.1139E-08	.1313E-0
341		0.08	0.000	0.056	0.4194	3.8537	.0000E+00	.3505E-01	0.9410	.2661E-01	.4112E-02	0.0001	.2631E-08	.1986E-0
342		0.02	0.000	0.050	0.4086	3.6843	.0000E+00	.3468E-01	0.9519	.2692E-01	.4149E-02	0.0000	.2525E-08	.1957E-0
343		0.00	0.000	0.034	0.3972	3.5791	.0000E+00	.3445E-01	0.9611	.2718E-01	.4180E-02	0.0001	.7893E-08	.3380E-0
344		1.15	0.445	0.046	0.5010	4.5386	.0000E+00	.3657E-01	0.9712	.2746E-01	.4214E-02	0.0001	.1225E-07	.4201E-0
345		0.03	0.018	0.048	0.4884	5.8698	.0000E+00	.3951E-01	0.9869	.2791E-01	.4266E-02	0.0002	.1677E-07	.4891E-0
346		0.33	0.167	0.048	0.5010	5.8419	.0000E+00	.3945E-01	1.0060	.2844E-01	.4330E-02	0.0002	.2110E-07	.5475E-0
347		0.00	0.000	0.038	0.4881	5.8672	.0000E+00	.3950E-01	1.0234	.2894E-01	.4387E-02	0.0002	.2612E-07	.6100E-0
348		0.00	0.000	0.045	0.4741	5.5123	.0000E+00	.3872E-01	1.0387	.2937E-01	.4438E-02	0.0002	.3253E-07	.6816E-0
349		0.00	0.000	0.039	0.4613	5.1541	.0000E+00	.3793E-01	1.0507	.2971E-01	.4478E-02	0.0003	.4084E-07	.7650E-0
350		0.00	0.000	0.039	0.4487	4.8395	.0000E+00	.3723E-01	1.0598	.2996E-01	.4508E-02	0.0003	.5144E-07	.8594E-0
351		0.00	0.000	0.031	0.4373	4.5722	.0000E+00	.3664E-01	1.0664	.3015E-01	.4529E-02	0.0003	.6446E-07	.9625E-0
352		0.00	0.000	0.034	0.4256	4.3171	.0000E+00	.3608E-01	1.0709	.3028E-01	.4544E-02	0.0003	.7995E-07	.1072E-0
353	*	0.00	0.000	0.028	0.4149	4.0656	.0000E+00	.3552E-01	1.0736	.3036E-01	.4553E-02	0.0004	.9797E-07	.1187E-0
354		1.79	1.182	0.054	0.5010	5.0480	.0000E+00	.3769E-01	1.0774	.3046E-01	.4565E-02	0.0004	.1176E-06	.1299E-0
355		0.00	0.000	0.039	0.4880	5.8656	.0000E+00	.3950E-01	1.0861	.3071E-01	.4594E-02	0.0005	.1364E-06	.1397E-0
356		0.00	0.000	0.038	0.4752	5.5203	.0000E+00	.3874E-01	1.0963	.3100E-01	.4627E-02	0.0005	.1548E-06	.1487E-0
357		0.00	0.000	0.038	0.4626	5.1833	.0000E+00	.3799E-01	1.1036	.3121E-01	.4651E-02	0.0005	.1752E-06	.1583E-0
358		0.01	0.000	0.043	0.4508	4.9269	.0000E+00	.3743E-01	1.1086	.3135E-01	.4668E-02	0.0006	.1985E-06	.2125E-0
359	*	0.37	0.000	0.035	0.4479	4.7568	.0000E+00	.3705E-01	1.1119	.3144E-01	.4678E-02	0.0006	.2310E-06	.1820E-0
360		0.07	0.000	0.000	0.4957	4.9832	.0000E+00	.3755E-01	1.1148	.3152E-01	.4688E-02	0.0006	.2591E-06	.1927E-0

361	*	0.04	0.000	0.034	0.4925	5.8281	.0000E+00	.3942E-01	1.1202	.3167E-01	.4705E-02	0.0003	.1390E-06	.1508E-0
362	*	0.00	0.000	0.034	0.4880	5.7331	.0000E+00	.3921E-01	1.1279	.3189E-01	.4730E-02	0.0007	.3062E-06	.2091E-0
363	*	0.00	0.000	0.028	0.4770	5.5436	.0000E+00	.3879E-01	1.1342	.3207E-01	.4751E-02	0.0007	.3332E-06	.2181E-0
364		0.14	0.000	0.054	0.4849	5.4030	.0000E+00	.3848E-01	1.1390	.3221E-01	.4767E-02	0.0007	.3625E-06	.2275E-0
365		0.71	0.513	0.061	0.5010	5.8533	.0000E+00	.3947E-01	1.1439	.3235E-01	.4782E-02	0.0008	.3929E-06	.2369E-0
366		0.00	0.000	0.046	0.4868	5.8535	.0000E+00	.3947E-01	1.1500	.3252E-01	.4802E-02	0.0008	.4229E-06	.2457E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 20

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	4.06	4.17	0.92	3.38	6.39	2.68
	5.38	3.80	2.95	1.87	5.29	4.80
RUNOFF	3.027	3.189	1.773	0.003	1.137	0.001
	0.556	0.187	0.201	0.045	1.636	2.326
EVAPOTRANSPIRATION	0.339	0.628	0.629	3.870	4.971	2.645
	4.474	3.449	1.945	1.848	1.069	1.245
PERCOLATION/LEAKAGE THROUGH	0.3362	0.0848	0.1001	0.6619	0.8081	0.0250
LAYER 2	0.3606	0.1584	0.4391	0.3464	0.5377	1.1659
LATERAL DRAINAGE COLLECTED	0.5347	0.1198	0.0406	0.5185	0.6437	0.1685
FROM LAYER 3	0.1509	0.2383	0.2087	0.4543	0.2479	0.9094
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0891	0.0284	0.0124	0.0879	0.1046	0.0359
LAYER 4	0.0296	0.0485	0.0411	0.0797	0.0470	0.1374
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1222	0.0970	0.0741	0.0106	0.0432	0.1068
LAYER 7	0.0607	0.0449	0.0417	0.0380	0.0567	0.0331

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.349	0.001	0.268	1.679	2.693	0.001
TOP OF LAYER 2	0.908	0.281	1.220	0.192	2.106	5.010
STD. DEVIATION OF DAILY	1.079	0.003	1.043	1.345	2.023	0.006
HEAD ON TOP OF LAYER 2	1.345	0.680	1.566	0.280	2.370	0.709
AVERAGE DAILY HEAD ON	0.610	0.146	0.046	0.611	0.734	0.199
TOP OF LAYER 4	0.172	0.272	0.246	0.518	0.292	1.038
STD. DEVIATION OF DAILY	0.314	0.040	0.028	0.170	0.192	0.134
HEAD ON TOP OF LAYER 4	0.221	0.102	0.222	0.170	0.260	0.089
AVERAGE DAILY HEAD ON	0.001	0.001	0.001	0.000	0.000	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.000	0.001	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 20

	INCHES	CU. FEET	PERCENT
PRECIPITATION	45.69	414636.781	100.00
RUNOFF	14.081	127785.586	30.82
EVAPOTRANSPIRATION	27.112	246043.266	59.34
PERC./LEAKAGE THROUGH LAYER 2	5.024023	45593.004	11.00
AVG. HEAD ON TOP OF LAYER 2	1.2257		
DRAINAGE COLLECTED FROM LAYER 3	4.2354	38436.590	9.27
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.741792	6731.761	1.62

AVG. HEAD ON TOP OF LAYER 4	0.4071		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	1.273	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.728885	6614.634	1.60
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	-0.468	-4244.534	-1.02
SOIL WATER AT START OF YEAR	285.858	2594158.750	
SOIL WATER AT END OF YEAR	285.892	2594466.250	
SNOW WATER AT START OF YEAR	0.502	4551.946	1.10
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	-0.044	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 21

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.00	0.000	0.055	0.4712	5.4622	.0000E+00	.3861E-01	1.1548	.3265E-01	.4818E-02	0.0008	.4540E-06	.2546E-0
2			0.04	0.000	0.065	0.4608	5.0891	.0000E+00	.3778E-01	1.1569	.3271E-01	.4824E-02	0.0009	.4878E-06	.2639E-0
3			0.25	0.001	0.058	0.4864	5.0972	.0000E+00	.3780E-01	1.1576	.3273E-01	.4827E-02	0.0009	.5241E-06	.2736E-0
4			0.41	0.229	0.054	0.5010	5.8449	.0000E+00	.3946E-01	1.1599	.3280E-01	.4834E-02	0.0009	.5599E-06	.2827E-0
5			0.69	0.679	0.051	0.4876	5.8621	.0000E+00	.3949E-01	1.1647	.3293E-01	.4849E-02	0.0010	.5928E-06	.2908E-0
6			0.00	0.000	0.041	0.4743	5.5058	.0000E+00	.3871E-01	1.1683	.3304E-01	.4861E-02	0.0010	.6255E-06	.2987E-0
7			0.00	0.000	0.045	0.4605	5.1491	.0000E+00	.3792E-01	1.1697	.3307E-01	.4866E-02	0.0010	.6607E-06	.3851E-0
8			0.00	0.000	0.044	0.4469	4.8177	.0000E+00	.3718E-01	1.1689	.3305E-01	.4863E-02	0.0010	.7083E-06	.3179E-0
9			0.00	0.000	0.040	0.4342	4.5331	.0000E+00	.3655E-01	1.1664	.3298E-01	.4855E-02	0.0011	.7490E-06	.3269E-0
10			0.00	0.000	0.040	0.4215	4.2587	.0000E+00	.3595E-01	1.1624	.3287E-01	.4842E-02	0.0011	.7909E-06	.3358E-0
11			0.00	0.000	0.044	0.4083	3.9853	.0000E+00	.3534E-01	1.1572	.3272E-01	.4825E-02	0.0011	.8337E-06	.3448E-0
12			0.27	0.000	0.050	0.4391	3.8169	.0000E+00	.3497E-01	1.1511	.3255E-01	.4806E-02	0.0006	.4343E-06	.2645E-0
13			0.00	0.000	0.041	0.4263	4.2517	.0000E+00	.3593E-01	1.1459	.3240E-01	.4789E-02	0.0012	.9059E-06	.3595E-0
14	*		0.00	0.000	0.039	0.4139	4.0038	.0000E+00	.3538E-01	1.1421	.3229E-01	.4776E-02	0.0012	.9435E-06	.3668E-0
15			0.00	0.000	0.052	0.3994	3.7668	.0000E+00	.3486E-01	1.1372	.3215E-01	.4760E-02	0.0012	.9801E-06	.3739E-0
16			0.00	0.000	0.050	0.3852	3.5291	.0000E+00	.3433E-01	1.1313	.3199E-01	.4741E-02	0.0013	.1017E-05	.4769E-0
17			0.02	0.000	0.059	0.3732	3.2958	.0000E+00	.3382E-01	1.1245	.3180E-01	.4719E-02	0.0013	.1064E-05	.3893E-0
18			0.02	0.000	0.053	0.3621	3.0682	.0000E+00	.3332E-01	1.1170	.3158E-01	.4695E-02	0.0007	.5475E-06	.2965E-0
19			0.00	0.000	0.049	0.3484	2.9154	.0000E+00	.3298E-01	1.1090	.3136E-01	.4669E-02	0.0013	.1125E-05	.4006E-0
20	*		0.00	0.000	0.041	0.3361	2.7783	.0000E+00	.3267E-01	1.1007	.3112E-01	.4642E-02	0.0013	.1159E-05	.4066E-0
21	*		0.00	0.000	0.042	0.3238	2.5946	.0000E+00	.3227E-01	1.0923	.3088E-01	.4614E-02	0.0014	.1192E-05	.5159E-0
22	*		0.00	0.000	0.039	0.3119	2.4131	.0000E+00	.3187E-01	1.0835	.3064E-01	.4585E-02	0.0014	.1232E-05	.4188E-0
23	*		0.00	0.000	0.034	0.3010	2.2363	.0000E+00	.3148E-01	1.0743	.3038E-01	.4556E-02	0.0007	.6308E-06	.3176E-0
24	*		0.00	0.000	0.036	0.2899	2.0465	.0000E+00	.3106E-01	1.0649	.3011E-01	.4525E-02	0.0014	.1280E-05	.4272E-0
25	*		0.00	0.000	0.039	0.2783	1.8968	.0000E+00	.3073E-01	1.0553	.2984E-01	.4493E-02	0.0014	.1306E-05	.4315E-0
26			0.00	0.000	0.047	0.2654	1.7388	.0000E+00	.3038E-01	1.0455	.2956E-01	.4461E-02	0.0014	.1331E-05	.4355E-0
27	*		0.63	0.000	0.038	0.2637	1.5876	.0000E+00	.3004E-01	1.0357	.2929E-01	.4428E-02	0.0014	.1354E-05	.4391E-0
28	*		0.00	0.000	0.040	0.2620	1.4497	.0000E+00	.2974E-01	1.0259	.2901E-01	.4396E-02	0.0015	.1374E-05	.4425E-0
29	*		0.00	0.000	0.040	0.2604	1.3132	.0000E+00	.2944E-01	1.0160	.2873E-01	.4363E-02	0.0015	.1393E-05	.4454E-0
30	*		0.00	0.000	0.038	0.2588	1.1780	.0000E+00	.2914E-01	1.0062	.2845E-01	.4330E-02	0.0015	.1410E-05	.4481E-0
31	*		0.00	0.000	0.032	0.2573	1.0155	.0000E+00	.2878E-01	0.9963	.2817E-01	.4298E-02	0.0015	.1425E-05	.4504E-0
32	*		0.00	0.000	0.029	0.2558	0.9120	.0000E+00	.2855E-01	0.9865	.2789E-01	.4265E-02	0.0015	.1438E-05	.4525E-0
33	*	*	0.28	0.000	0.028	0.2511	0.7811	.0000E+00	.2826E-01	0.9768	.2762E-01	.4232E-02	0.0015	.1448E-05	.5678E-0
34	*	*	0.39	0.000	0.000	0.2464	0.6514	.0000E+00	.2797E-01	0.9672	.2735E-01	.4200E-02	0.0015	.1463E-05	.4561E-0
35	*	*	0.11	0.000	0.000	0.2418	0.5230	.0000E+00	.2769E-01	0.9576	.2708E-01	.4168E-02	0.0015	.1471E-05	.4572E-0
36	*	*	0.00	0.000	0.034	0.2373	0.3959	.0000E+00	.2741E-01	0.9481	.2681E-01	.4136E-02	0.0015	.1477E-05	.4582E-0
37		*	0.00	0.000	0.038	0.2404	0.2701	.0000E+00	.2713E-01	0.9386	.2654E-01	.4104E-02	0.0015	.1482E-05	.4589E-0
38	*	*	0.00	0.000	0.033	0.2360	0.1455	.0000E+00	.2685E-01	0.9292	.2627E-01	.4072E-02	0.0015	.1485E-05	.4594E-0
39	*	*	0.00	0.000	0.036	0.2335	0.0282	.0000E+00	.1481E-01	0.9081	.2568E-01	.4000E-02	0.0008	.7558E-06	.3479E-0
40		*	0.00	0.000	0.037	0.2419	0.0000	.0000E+00	.0000E+00	0.8547	.2417E-01	.3817E-02	0.0016	.1568E-05	.4742E-0
41		*	0.00	0.066	0.010	0.2742	0.0000	.0000E+00	.0000E+00	0.7818	.2211E-01	.3564E-02	0.0016	.1684E-05	.4921E-0
42	*	*	0.00	0.000	0.037	0.2742	0.0000	.0000E+00	.0000E+00	0.7150	.2022E-01	.3327E-02	0.0017	.1792E-05	.6355E-0
43		*	0.00	0.000	0.042	0.2742	0.0000	.0000E+00	.0000E+00	0.6537	.1848E-01	.3105E-02	0.0017	.1936E-05	.5240E-0
44		*	1.17	1.310	0.000	0.3216	0.0000	.0000E+00	.0000E+00	0.5975	.1690E-01	.2898E-02	0.0018	.2004E-05	.5331E-0
45		*	0.00	0.000	0.000	0.3216	0.0000	.0000E+00	.0000E+00	0.5460	.1544E-01	.2704E-02	0.0018	.2054E-05	.5395E-0
46		*	0.07	0.007	0.008	0.3308	0.0000	.0000E+00	.0000E+00	0.4988	.1410E-01	.2523E-02	0.0018	.2086E-05	.5438E-0
47	*	*	0.00	0.000	0.000	0.3308	0.0000	.0000E+00	.0000E+00	0.4555	.1288E-01	.2353E-02	0.0018	.2104E-05	.5460E-0
48	*	*	0.45	0.000	0.030	0.3308	0.0000	.0000E+00	.0000E+00	0.4159	.1176E-01	.2195E-02	0.0009	.1054E-05	.4114E-0

49	*	*	0.00	0.000	0.030	0.3308	0.0000	.0000E+00	.0000E+00	0.3796	.1073E-01	.2046E-02	0.0018	.2089E-05	.5459E-0
50	*	*	0.00	0.000	0.029	0.3308	0.0000	.0000E+00	.0000E+00	0.3463	.9793E-02	.1908E-02	0.0018	.2075E-05	.5440E-0
51	*	*	0.00	0.000	0.027	0.3308	0.0000	.0000E+00	.0000E+00	0.3159	.8932E-02	.1778E-02	0.0018	.2053E-05	.5409E-0
52	*	*	0.00	0.000	0.034	0.3308	0.0000	.0000E+00	.0000E+00	0.2880	.8145E-02	.1657E-02	0.0018	.2024E-05	.5370E-0
53		*	0.00	0.000	0.042	0.3308	0.0000	.0000E+00	.0000E+00	0.2626	.7424E-02	.1544E-02	0.0018	.1989E-05	.5322E-0
54	*	*	0.00	0.000	0.039	0.3308	0.0000	.0000E+00	.0000E+00	0.2392	.6764E-02	.1438E-02	0.0017	.1949E-05	.5267E-0
55	*	*	0.57	0.000	0.042	0.3308	0.0000	.0000E+00	.0000E+00	0.2179	.6161E-02	.1339E-02	0.0017	.1905E-05	.5207E-0
56		*	0.00	0.001	0.042	0.3309	0.0000	.0000E+00	.0000E+00	0.1984	.5610E-02	.1246E-02	0.0017	.1858E-05	.5142E-0
57		*	0.00	0.555	0.000	0.3556	0.0000	.0000E+00	.0000E+00	0.1806	.5106E-02	.1160E-02	0.0017	.1809E-05	.5073E-0
58		*	0.06	0.008	0.007	0.3632	0.0000	.0000E+00	.0000E+00	0.1643	.4645E-02	.1079E-02	0.0016	.1759E-05	.5002E-0
59		*	0.00	0.000	0.000	0.3632	0.0000	.0000E+00	.0000E+00	0.1494	.4225E-02	.1004E-02	0.0016	.1707E-05	.4928E-0
60		*	0.00	0.000	0.000	0.3632	0.0000	.0000E+00	.0000E+00	0.1358	.3840E-02	.9334E-03	0.0016	.1656E-05	.4852E-0
61		*	0.00	0.000	0.000	0.3632	0.0000	.0000E+00	.0000E+00	0.1234	.3490E-02	.8677E-03	0.0016	.1604E-05	.4775E-0
62		*	0.07	0.015	0.007	0.3712	0.0000	.0000E+00	.0000E+00	0.1121	.3170E-02	.8064E-03	0.0016	.1552E-05	.4697E-0
63		*	0.03	0.001	0.007	0.3749	0.0000	.0000E+00	.0000E+00	0.1018	.2877E-02	.7491E-03	0.0015	.1501E-05	.4618E-0
64		*	0.00	0.000	0.000	0.3749	0.0000	.0000E+00	.0000E+00	0.0923	.2611E-02	.6957E-03	0.0015	.1450E-05	.4540E-0
65		*	0.72	0.621	0.007	0.3903	0.0000	.0000E+00	.0000E+00	0.0838	.2368E-02	.6458E-03	0.0015	.1401E-05	.4461E-0
66		*	0.16	0.098	0.007	0.3995	0.0000	.0000E+00	.0000E+00	0.0759	.2147E-02	.5993E-03	0.0014	.1352E-05	.4383E-0
67		*	0.17	0.114	0.007	0.4077	0.0000	.0000E+00	.0000E+00	0.0688	.1945E-02	.5560E-03	0.0014	.1305E-05	.4305E-0
68			0.00	0.000	0.084	0.3896	2.0596	.0000E+00	.2445E-01	0.0866	.2448E-02	.6602E-03	0.0014	.1207E-05	.4123E-0
69			0.16	0.000	0.069	0.3990	3.4802	.0000E+00	.3423E-01	0.1517	.4290E-02	.1014E-02	0.0013	.1007E-05	.3732E-0
70			0.89	0.168	0.074	0.5010	4.2181	.0000E+00	.3586E-01	0.2285	.6462E-02	.1387E-02	0.0011	.7830E-06	.4081E-0
71			0.00	0.000	0.092	0.4792	5.7753	.0000E+00	.3930E-01	0.3048	.8618E-02	.1729E-02	0.0009	.5510E-06	.2797E-0
72			0.00	0.000	0.084	0.4588	5.2143	.0000E+00	.3806E-01	0.3789	.1071E-01	.2043E-02	0.0008	.4263E-06	.2462E-0
73	*		0.00	0.000	0.083	0.4388	4.7525	.0000E+00	.3704E-01	0.4437	.1255E-01	.2306E-02	0.0004	.1692E-06	.1645E-0
74			0.00	0.000	0.088	0.4181	4.3561	.0000E+00	.3616E-01	0.5006	.1415E-01	.2530E-02	0.0007	.2986E-06	.2033E-0
75			0.00	0.000	0.142	0.3885	3.9319	.0000E+00	.3523E-01	0.5503	.1556E-01	.2721E-02	0.0006	.2474E-06	.1853E-0
76			0.49	0.001	0.107	0.4465	3.7167	.0000E+00	.3475E-01	0.5940	.1679E-01	.2885E-02	0.0006	.2105E-06	.1712E-0
77			0.04	0.000	0.088	0.4324	4.3728	.0000E+00	.3620E-01	0.6346	.1794E-01	.3035E-02	0.0005	.1841E-06	.1993E-0
78			0.00	0.000	0.121	0.4064	4.0195	.0000E+00	.3542E-01	0.6735	.1904E-01	.3177E-02	0.0005	.1525E-06	.1476E-0
79			0.00	0.000	0.142	0.3769	3.6366	.0000E+00	.3457E-01	0.7070	.1999E-01	.3298E-02	0.0005	.1392E-06	.1411E-0
80			0.00	0.000	0.120	0.3512	3.2761	.0000E+00	.3378E-01	0.7356	.2080E-01	.3400E-02	0.0004	.1312E-06	.1370E-0
81			0.00	0.000	0.103	0.3285	2.9342	.0000E+00	.3302E-01	0.7597	.2148E-01	.3486E-02	0.0004	.1273E-06	.1350E-0
82			0.14	0.000	0.096	0.3304	2.6884	.0000E+00	.3248E-01	0.7802	.2206E-01	.3558E-02	0.0004	.1269E-06	.1348E-0
83			0.00	0.000	0.113	0.3062	2.4589	.0000E+00	.3197E-01	0.7975	.2255E-01	.3619E-02	0.0002	.6277E-07	.1013E-0
84			0.01	0.000	0.095	0.2869	2.2479	.0000E+00	.3150E-01	0.8121	.2296E-01	.3670E-02	0.0005	.1336E-06	.1377E-0
85			1.73	0.310	0.120	0.4982	2.5629	.0000E+00	.3220E-01	0.8255	.2334E-01	.3717E-02	0.0005	.1391E-06	.1405E-0
86			0.00	0.000	0.164	0.4644	5.5831	.0000E+00	.3888E-01	0.8455	.2391E-01	.3786E-02	0.0005	.1425E-06	.1783E-0
87			0.00	0.000	0.102	0.4412	4.8414	.0000E+00	.3724E-01	0.8730	.2468E-01	.3881E-02	0.0005	.1389E-06	.1411E-0
88			0.00	0.000	0.086	0.4207	4.4039	.0000E+00	.3627E-01	0.8946	.2530E-01	.3955E-02	0.0005	.1414E-06	.1423E-0
89			0.24	0.000	0.095	0.4390	4.0367	.0000E+00	.3546E-01	0.9121	.2579E-01	.4014E-02	0.0005	.1474E-06	.1454E-0
90			0.11	0.000	0.116	0.4320	4.2439	.0000E+00	.3592E-01	0.9273	.2622E-01	.4065E-02	0.0005	.1557E-06	.1494E-0
91			0.00	0.000	0.134	0.4038	3.8989	.0000E+00	.3515E-01	0.9412	.2661E-01	.4112E-02	0.0005	.1655E-06	.1540E-0
92			0.00	0.000	0.138	0.3751	3.5500	.0000E+00	.3438E-01	0.9519	.2692E-01	.4149E-02	0.0003	.8646E-07	.1190E-0
93			0.00	0.000	0.135	0.3470	3.1864	.0000E+00	.3358E-01	0.9598	.2714E-01	.4175E-02	0.0005	.1906E-06	.1649E-0
94			0.00	0.000	0.139	0.3183	2.8627	.0000E+00	.3286E-01	0.9649	.2728E-01	.4193E-02	0.0006	.2079E-06	.1723E-0
95			0.00	0.000	0.120	0.2930	2.5509	.0000E+00	.3217E-01	0.9679	.2737E-01	.4202E-02	0.0006	.2278E-06	.1804E-0
96			0.00	0.000	0.158	0.2615	2.0608	.0000E+00	.3109E-01	0.9684	.2738E-01	.4204E-02	0.0006	.2502E-06	.1892E-0
97			0.19	0.000	0.143	0.2643	1.7594	.0000E+00	.3042E-01	0.9664	.2733E-01	.4197E-02	0.0007	.2754E-06	.1985E-0
98			0.00	0.000	0.129	0.2378	1.4351	.0000E+00	.2970E-01	0.9628	.2722E-01	.4185E-02	0.0007	.3027E-06	.2616E-0
99			0.00	0.000	0.117	0.2135	1.0146	.0000E+00	.2878E-01	0.9575	.2707E-01	.4167E-02	0.0007	.3403E-06	.2205E-0
100			0.00	0.000	0.142	0.1851	0.8124	.0000E+00	.2833E-01	0.9506	.2688E-01	.4144E-02	0.0008	.3722E-06	.2305E-0
101			0.00	0.000	0.083	0.1668	0.5007	.0000E+00	.2764E-01	0.9429	.2666E-01	.4118E-02	0.0008	.4050E-06	.2404E-0
102			0.25	0.000	0.069	0.1946	0.0868	.0000E+00	.1356E-01	0.9207	.2603E-01	.4043E-02	0.0008	.4544E-06	.2546E-0
103			0.00	0.000	0.054	0.1856	0.0000	.0000E+00	.0000E+00	0.8642	.2444E-01	.3850E-02	0.0009	.5472E-06	.2792E-0
104	*		0.00	0.000	0.047	0.1778	0.0000	.0000E+00	.0000E+00	0.7906	.2235E-01	.3595E-02	0.0010	.6668E-06	.3081E-0
105			0.00	0.000	0.043	0.1706	0.0000	.0000E+00	.0000E+00	0.7230	.2044E-01	.3356E-02	0.0005	.3901E-06	.2498E-0
106			0.00	0.000	0.039	0.1641	0.0000	.0000E+00	.0000E+00	0.6611	.1869E-01	.3132E-02	0.0011	.8455E-06	.3494E-0
107			0.00	0.000	0.037	0.1579	0.0000	.0000E+00	.0000E+00	0.6043	.1709E-01	.2923E-02	0.0012	.9426E-06	.3685E-0
108			0.00	0.000	0.034	0.1522	0.0000	.0000E+00	.0000E+00	0.5522	.1561E-01	.2728E-02	0.0013	.1029E-05	.3846E-0
109			0.00	0.000	0.031	0.1471	0.0000	.0000E+00	.0000E+00	0.5045	.1426E-01	.2545E-02	0.0013	.1104E-05	.3981E-0
110			0.00	0.000	0.031	0.1420	0.0000	.0000E+00	.0000E+00	0.4607	.1303E-01	.2374E-02	0.0013	.1167E-05	.4091E-0
111			0.00	0.000	0.030	0.1370	0.0000	.0000E+00	.0000E+00	0.4207	.1189E-01	.2214E-02	0.0014	.1219E-05	.4179E-0
112			0.00	0.000	0.012	0.1350	0.0000	.0000E+00	.0000E+00	0.3840	.1086E-01	.2064E-02	0.0014	.1261E-05	.4249E-0
113			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3503	.9906E-02	.1925E-02	0.0014	.1294E-05	.5370E-0
114			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3196	.9036E-02	.1794E-02	0.0014	.1331E-05	.4345E-0
115			0.17	0.000	0.016	0.1607	0.0000	.0000E+00	.0000E+00	0.2914	.8239E-02	.1672E-02	0.0014	.1344E-05	.4365E-0
116			0.00	0.000	0.011	0.1589	0.0000	.0000E+00	.0000E+00	0.2656	.7510E-02	.1557E-02	0.0014	.1349E-05	.4373E-0
117			1.23	0.091	0.025	0.3444	0.0000	.0000E+00	.0000E+00	0.2420	.6844E-02	.1451E-02	0.0014	.1348E-05	.4372E-0
118			0.00	0.000	0.155	0.3149	0.9133	.0000E+00	.2192E-01	0.2422	.6849E-02	.1451E-02	0.0007	.6413E-06	.3208E-0
119			0.00	0.000	0.155	0.2842	1.3890	.0000E+00	.2960E-01	0.2853	.8067E-02	.1644E-02	0.0014	.1169E-05	.4047E-0
120			0.90	0.024	0.104	0.4079	1.3447	.0000E+00	.2950E-01	0.3369	.9527E-02	.1868E-02	0.0013	.1008E-05	.3752E-0
121			0.51	0.011	0.146	0.4610	3.8473	.0000E+00	.3504E-01	0.3895	.1101E-01	.2087E-02	0.0012	.8629E-06	.3471E-0
122			0.00	0.000	0.208	0.4202	4.6088	.0000E+00	.3672E-01	0.4483	.1268E-01	.2324E-02	0.0011	.7333E-06	.3196E-0
123			0.00	0.000	0.194	0.3820	3.9266	.0000E+00	.3521E-01	0.5033	.1423E-01	.2540E-02	0.0010	.6243E-06	.2951E-0
124			0.00	0.000	0.212	0.3410	3.3704	.0000E+00	.3398E-01	0.5501	.1555E-01	.2720E-02	0.0009	.5420E-06	.2753E-0
125			0.00	0.000	0.181	0.3054	2.8370	.0000E+00	.3280E-01	0.5898	.1668E-01	.2869E-02	0.0009	.4822E-06	.3241E-0
126			0.00	0.000	0.179	0.2703	2.2919	.0000E+00	.3160E-01	0.6231	.1762E-01	.2993E-02	0.0008	.4234E-06	.2455E-0
127			0.06	0.000	0.119	0.2555	1.8220	.0000E+00	.3056E-01	0.6507	.1840E-01	.3094E-02	0.0004	.1972E-06	.1780E-0
128			0.00	0.000	0.182	0.2202	1.4168	.0000E+00	.2966E-01	0.6734	.1904E-01	.3177E-02	0.0008	.3860E-06	.2335E-0
129			0.00	0.000	0.138	0.1925	0.9027	.0000E+00	.2853E-01	0.6916	.1956E-01	.3243E-02	0.0008	.3739E-06	.2871E-0
130			0.57	0.000	0.116	0.2635	0.7320	.0000E+00	.2815E-01	0.7062	.1997E-01	.3295E-02	0.0007	.3618E-06	.2271E-0
131			0.00	0.000	0.187	0.2278	0.5014	.0000E+00	.2764E-01	0.7184	.2031E-01	.3339E-02	0.0007	.3599E-06	.2265E-0
132			0.58	0.000	0.164	0.2926	0.2567	.0000E+00	.2710E-01	0.7282	.2059E-01	.3374E-02	0.0007	.3613E-06	.2269E-0
133			0.00	0.000	0.188	0.2578	0.0706	.0000E+00	.2005E-01	0.7294	.2062E-01	.3379E-02	0.0008	.3728E-06	.2305E-0
134			0.00	0.000	0.202	0.2242	0.0000	.0000E+00	.0000E+00	0.6992	.1977E-01	.3270E-02	0.0008	.4208E-06	.2448E-0
135			0.00	0.000	0.207	0.1897	0.0000	.0000E+00	.0000E+00	0.6392	.1807E-01	.3052E-02	0.0004	.2538E-06	.2015E-0
136			0.00	0.000	0.185	0.1589	0.0000	.0000E+00	.0000E+00	0.5842	.1652E-01	.2848E-02	0.0009	.5599E-06	.2847E-0
137			0.00	0.000	0.089	0.1442	0.0000	.0000E+00	.0000E+00	0.5338	.1509E-01	.2658E-02	0.0010	.6382E-06	.3035E-0
138			0.00	0.000	0.055	0.1350	0.0000	.0000E+00	.0000E+00	0.4876	.1379E-01	.2479E-02	0.0010	.7099E-06	.3198E-0
139			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4453	.1259E-01	.2313E-02	0.0011	.7743E-06	.3337E-0
140			0.03	0.000	0.010	0.1384	0.0000	.0000E+00	.0000E+00	0.4065	.1149E-01	.2157E-02	0.0011	.8310E-06	.3454E-0
141			0.64	0.000	0.037	0.2388	0.0000	.0000E+00	.0000E+00	0.3710	.1049E-01	.2011E-02	0.0012	.8799E-06	.3552E-0
142			0.04	0.000	0.217	0.2092	0.0000	.0000E+00	.0000E+00	0.3385	.9571E-02	.1874E-02	0.0012	.9171E-06	.4540E-0
143			0.26	0.000	0.050	0.2443	0.0000	.0000E+00	.0000E+00	0.3087	.8729E-02	.1747E-02	0.0006	.4901E-06	.2791E-0
144			0.00	0.000	0.266	0.1999	0.0000	.0000E+00	.0000E+00	0.2815	.7958E-02	.1628E-02	0.0012	.9821E-06	.3747E-0

145	0.01	0.000	0.050	0.1932	0.0000	.0000E+00	.0000E+00	0.2565	.7253E-02	.1516E-02	0.0012	.1003E-05	.3785E-0
146	0.41	0.000	0.049	0.2534	0.0000	.0000E+00	.0000E+00	0.2337	.6609E-02	.1412E-02	0.0013	.1017E-05	.3811E-0
147	0.00	0.000	0.223	0.2163	0.0000	.0000E+00	.0000E+00	0.2129	.6019E-02	.1315E-02	0.0013	.1027E-05	.3828E-0
148	0.05	0.000	0.231	0.1861	0.0000	.0000E+00	.0000E+00	0.1938	.5480E-02	.1224E-02	0.0013	.1031E-05	.3835E-0
149	0.00	0.000	0.209	0.1513	0.0000	.0000E+00	.0000E+00	0.1764	.4987E-02	.1139E-02	0.0013	.1031E-05	.3835E-0
150	0.00	0.000	0.075	0.1387	0.0000	.0000E+00	.0000E+00	0.1604	.4537E-02	.1060E-02	0.0013	.1028E-05	.3827E-0
151	0.00	0.000	0.022	0.1351	0.0000	.0000E+00	.0000E+00	0.1459	.4125E-02	.9858E-03	0.0013	.1021E-05	.3814E-0
152	0.13	0.000	0.033	0.1513	0.0000	.0000E+00	.0000E+00	0.1326	.3750E-02	.9166E-03	0.0012	.1011E-05	.3795E-0
153	0.08	0.000	0.030	0.1596	0.0000	.0000E+00	.0000E+00	0.1205	.3407E-02	.8520E-03	0.0012	.9986E-06	.3771E-0
154	0.00	0.000	0.025	0.1554	0.0000	.0000E+00	.0000E+00	0.1094	.3094E-02	.7917E-03	0.0012	.9843E-06	.3743E-0
155	0.00	0.000	0.036	0.1494	0.0000	.0000E+00	.0000E+00	0.0993	.2809E-02	.7354E-03	0.0012	.9682E-06	.3712E-0
156	0.40	0.000	0.039	0.2096	0.0000	.0000E+00	.0000E+00	0.0901	.2548E-02	.6829E-03	0.0012	.9507E-06	.3678E-0
157	0.00	0.000	0.045	0.2020	0.0000	.0000E+00	.0000E+00	0.0817	.2311E-02	.6339E-03	0.0012	.9321E-06	.3642E-0
158	0.00	0.000	0.050	0.1937	0.0000	.0000E+00	.0000E+00	0.0741	.2095E-02	.5882E-03	0.0012	.9125E-06	.3603E-0
159	0.00	0.000	0.052	0.1851	0.0000	.0000E+00	.0000E+00	0.0671	.1898E-02	.5456E-03	0.0012	.8922E-06	.3562E-0
160	0.00	0.000	0.053	0.1762	0.0000	.0000E+00	.0000E+00	0.0608	.1718E-02	.5059E-03	0.0012	.8664E-06	.4390E-0
161	0.08	0.000	0.056	0.1803	0.0000	.0000E+00	.0000E+00	0.0550	.1555E-02	.4689E-03	0.0011	.8472E-06	.3466E-0
162	0.00	0.000	0.052	0.1717	0.0000	.0000E+00	.0000E+00	0.0497	.1407E-02	.4344E-03	0.0011	.8256E-06	.3422E-0
163	0.23	0.000	0.055	0.2009	0.0000	.0000E+00	.0000E+00	0.0450	.1272E-02	.4023E-03	0.0011	.8039E-06	.3377E-0
164	0.00	0.000	0.058	0.1912	0.0000	.0000E+00	.0000E+00	0.0406	.1149E-02	.3724E-03	0.0011	.7823E-06	.3331E-0
165	0.00	0.000	0.060	0.1812	0.0000	.0000E+00	.0000E+00	0.0367	.1037E-02	.3445E-03	0.0011	.7609E-06	.3285E-0
166	0.55	0.000	0.064	0.2622	0.0000	.0000E+00	.0000E+00	0.0331	.9359E-03	.3186E-03	0.0011	.7396E-06	.3239E-0
167	0.00	0.000	0.271	0.2169	0.0000	.0000E+00	.0000E+00	0.0298	.8439E-03	.2945E-03	0.0005	.3632E-06	.2401E-0
168	0.01	0.000	0.220	0.1819	0.0000	.0000E+00	.0000E+00	0.0269	.7605E-03	.2721E-03	0.0010	.7018E-06	.3158E-0
169	0.00	0.000	0.242	0.1415	0.0000	.0000E+00	.0000E+00	0.0242	.6848E-03	.2512E-03	0.0010	.6816E-06	.3112E-0
170	0.48	0.000	0.103	0.2043	0.0000	.0000E+00	.0000E+00	0.0218	.6162E-03	.2318E-03	0.0010	.6617E-06	.3066E-0
171	0.00	0.000	0.187	0.1732	0.0000	.0000E+00	.0000E+00	0.0196	.5541E-03	.2138E-03	0.0010	.6423E-06	.3021E-0
172	0.00	0.000	0.113	0.1543	0.0000	.0000E+00	.0000E+00	0.0176	.4978E-03	.1971E-03	0.0010	.6233E-06	.2976E-0
173	0.00	0.000	0.099	0.1378	0.0000	.0000E+00	.0000E+00	0.0158	.4469E-03	.1816E-03	0.0010	.6048E-06	.2931E-0
174	0.00	0.000	0.012	0.1357	0.0000	.0000E+00	.0000E+00	0.0142	.4009E-03	.1672E-03	0.0010	.5868E-06	.2887E-0
175	0.00	0.000	0.004	0.1350	0.0000	.0000E+00	.0000E+00	0.0127	.3593E-03	.1538E-03	0.0009	.5692E-06	.2843E-0
176	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0114	.3218E-03	.1415E-03	0.0009	.5495E-06	.3493E-0
177	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0102	.2879E-03	.1300E-03	0.0009	.5320E-06	.2747E-0
178	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0091	.2573E-03	.1194E-03	0.0009	.5160E-06	.2706E-0
179	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0081	.2298E-03	.1095E-03	0.0009	.5005E-06	.2665E-0
180	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.0072	.2050E-03	.1004E-03	0.0009	.4854E-06	.2625E-0
181	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0065	.1827E-03	.9198E-04	0.0009	.4709E-06	.2585E-0
182	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0058	.1626E-03	.8419E-04	0.0008	.4568E-06	.2546E-0
183	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0051	.1446E-03	.7700E-04	0.0008	.4431E-06	.2508E-0
184	0.81	0.005	0.071	0.2573	0.0000	.0000E+00	.0000E+00	0.0045	.1284E-03	.7036E-04	0.0008	.4299E-06	.2470E-0
185	0.00	0.000	0.258	0.2143	0.0000	.0000E+00	.0000E+00	0.0040	.1139E-03	.6423E-04	0.0008	.4172E-06	.2433E-0
186	0.03	0.000	0.194	0.1869	0.0000	.0000E+00	.0000E+00	0.0036	.1009E-03	.5858E-04	0.0008	.4049E-06	.2397E-0
187	0.03	0.000	0.142	0.1682	0.0000	.0000E+00	.0000E+00	0.0032	.8926E-04	.5337E-04	0.0008	.3930E-06	.2362E-0
188	0.59	0.000	0.163	0.2395	0.0000	.0000E+00	.0000E+00	0.0028	.7886E-04	.4858E-04	0.0008	.3815E-06	.2327E-0
189	0.00	0.000	0.278	0.1932	0.0000	.0000E+00	.0000E+00	0.0025	.6957E-04	.4416E-04	0.0008	.3703E-06	.2293E-0
190	0.36	0.000	0.165	0.2257	0.0000	.0000E+00	.0000E+00	0.0022	.6129E-04	.4011E-04	0.0007	.3596E-06	.2259E-0
191	0.06	0.000	0.151	0.2105	0.0000	.0000E+00	.0000E+00	0.0019	.5390E-04	.3638E-04	0.0004	.1746E-06	.1673E-0
192	0.00	0.000	0.232	0.1719	0.0000	.0000E+00	.0000E+00	0.0017	.4733E-04	.3296E-04	0.0007	.3416E-06	.2202E-0
193	0.84	0.007	0.205	0.2766	0.0000	.0000E+00	.0000E+00	0.0015	.4149E-04	.2982E-04	0.0007	.3319E-06	.2709E-0
194	0.41	0.000	0.271	0.2998	0.0020	.0000E+00	.0000E+00	0.0013	.3631E-04	.2694E-04	0.0007	.3203E-06	.2132E-0
195	0.18	0.000	0.262	0.2827	0.0659	.0000E+00	.2004E-01	0.0210	.5933E-03	.2114E-03	0.0006	.2591E-06	.1918E-0
196	0.00	0.000	0.249	0.2380	0.0568	.0000E+00	.1984E-01	0.0707	.1998E-02	.5656E-03	0.0005	.1676E-06	.1543E-0
197	0.00	0.000	0.322	0.1843	0.0000	.0000E+00	.0000E+00	0.0958	.2709E-02	.7155E-03	0.0002	.6731E-07	.1036E-0
198	0.00	0.000	0.222	0.1473	0.0000	.0000E+00	.0000E+00	0.0869	.2458E-02	.6643E-03	0.0005	.1388E-06	.1411E-0
199	0.86	0.009	0.217	0.2530	0.0000	.0000E+00	.0000E+00	0.0788	.2229E-02	.6166E-03	0.0005	.1463E-06	.1448E-0
200	0.00	0.000	0.218	0.2166	0.0000	.0000E+00	.0000E+00	0.0714	.2020E-02	.5721E-03	0.0005	.1526E-06	.1851E-0
201	0.00	0.000	0.280	0.1698	0.0000	.0000E+00	.0000E+00	0.0647	.1829E-02	.5306E-03	0.0005	.1615E-06	.1515E-0
202	0.09	0.000	0.190	0.1531	0.0000	.0000E+00	.0000E+00	0.0586	.1656E-02	.4919E-03	0.0005	.1666E-06	.1538E-0
203	0.10	0.000	0.126	0.1487	0.0000	.0000E+00	.0000E+00	0.0530	.1498E-02	.4558E-03	0.0005	.1709E-06	.1558E-0
204	0.22	0.000	0.135	0.1628	0.0000	.0000E+00	.0000E+00	0.0479	.1355E-02	.4222E-03	0.0005	.1747E-06	.1575E-0
205	0.00	0.000	0.109	0.1446	0.0000	.0000E+00	.0000E+00	0.0433	.1225E-02	.3909E-03	0.0005	.1778E-06	.1589E-0
206	0.00	0.000	0.044	0.1373	0.0000	.0000E+00	.0000E+00	0.0391	.1106E-02	.3618E-03	0.0003	.9069E-07	.1202E-0
207	0.00	0.000	0.011	0.1355	0.0000	.0000E+00	.0000E+00	0.0353	.9985E-03	.3347E-03	0.0005	.1811E-06	.1607E-0
208	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0319	.9007E-03	.3095E-03	0.0005	.1828E-06	.1615E-0
209	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0287	.8120E-03	.2860E-03	0.0005	.1841E-06	.1620E-0
210	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0259	.7315E-03	.2642E-03	0.0005	.1849E-06	.1623E-0
211	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0233	.6586E-03	.2439E-03	0.0005	.1853E-06	.1625E-0
212	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0210	.5924E-03	.2250E-03	0.0005	.1853E-06	.1625E-0
213	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0188	.5326E-03	.2075E-03	0.0005	.1850E-06	.1623E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0169	.4784E-03	.1912E-03	0.0005	.1839E-06	.2024E-0
215	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0152	.4293E-03	.1761E-03	0.0005	.1838E-06	.1616E-0
216	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.0136	.3850E-03	.1621E-03	0.0005	.1826E-06	.1610E-0
217	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0122	.3450E-03	.1491E-03	0.0005	.1812E-06	.1604E-0
218	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0109	.3088E-03	.1371E-03	0.0003	.8979E-07	.1200E-0
219	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0098	.2762E-03	.1259E-03	0.0005	.1780E-06	.1591E-0
220	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0087	.2468E-03	.1156E-03	0.0005	.1761E-06	.1583E-0
221	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0078	.2203E-03	.1060E-03	0.0005	.1742E-06	.1574E-0
222	0.24	0.000	0.077	0.1621	0.0000	.0000E+00	.0000E+00	0.0069	.1964E-03	.9720E-04	0.0005	.1721E-06	.1565E-0
223	0.00	0.000	0.069	0.1506	0.0000	.0000E+00	.0000E+00	0.0062	.1750E-03	.8902E-04	0.0005	.1694E-06	.1941E-0
224	0.00	0.000	0.072	0.1386	0.0000	.0000E+00	.0000E+00	0.0055	.1557E-03	.8146E-04	0.0005	.1673E-06	.1542E-0
225	0.00	0.000	0.016	0.1359	0.0000	.0000E+00	.0000E+00	0.0049	.1384E-03	.7447E-04	0.0005	.1650E-06	.1531E-0
226	0.28	0.000	0.081	0.1691	0.0000	.0000E+00	.0000E+00	0.0043	.1228E-03	.6803E-04	0.0005	.1626E-06	.1520E-0
227	0.33	0.000	0.089	0.2093	0.0000	.0000E+00	.0000E+00	0.0039	.1089E-03	.6208E-04	0.0005	.1601E-06	.1508E-0
228	0.65	0.004	0.122	0.2966	0.0000	.0000E+00	.0000E+00	0.0034	.9643E-04	.5660E-04	0.0005	.1577E-06	.1496E-0
229	0.00	0.000	0.222	0.2595	0.0000	.0000E+00	.0000E+00	0.0030	.8527E-04	.5155E-04	0.0005	.1552E-06	.1485E-0
230	0.02	0.000	0.215	0.2270	0.0000	.0000E+00	.0000E+00	0.0027	.7529E-04	.4690E-04	0.0005	.1527E-06	.1473E-0
231	0.38	0.000	0.153	0.2648	0.0000	.0000E+00	.0000E+00	0.0023	.6639E-04	.4262E-04	0.0005	.1502E-06	.1460E-0
232	0.12	0.000	0.198	0.2519	0.0000	.0000E+00	.0000E+00	0.0021	.5845E-04	.3869E-04	0.0005	.1477E-06	.1448E-0
233	0.57	0.000	0.173	0.3180	0.0000	.0000E+00	.0000E+00	0.0018	.5138E-04	.3508E-04	0.0005	.1451E-06	.1436E-0
234	0.61	0.008	0.223	0.3764	1.0695	.0000E+00	.2890E-01	0.0302	.8549E-03	.2791E-03	0.0004	.9783E-07	.1179E-0
235	0.02	0.000	0.208	0.3398	2.2452	.0000E+00	.3150E-01	0.1048	.2964E-02	.7634E-03	0.0002	.3347E-07	.6901E-0
236	0.00	0.000	0.243	0.2942	2.1299	.0000E+00	.3124E-01	0.1767	.4997E-02	.1140E-02	0.0001	.3557E-08	.2381E-0
237	0.00	0.000	0.196	0.2564	1.8113	.0000E+00	.3054E-01	0.2413	.6823E-02	.1447E-02	0.0001	.1948E-08	.9744E-0
238	0.00	0.000	0.232	0.2128	1.3342	.0000E+00	.2948E-01	0.2982	.8431E-02	.1701E-02	0.0000	.1642E-10	.7642E-0
239	0.00	0.000	0.176	0.1788	0.7949	.0000E+00	.2829E-01	0.3473	.9820E-02	.1912E-02	0.0000	.0000E+00	.0000E+0
240	1.49	0.164	0.227	0.3575	0.4142	.0000E+00	.2745E-01	0.3895	.1101E-01	.2087E-02	0.0000	.0000E+00	.0000E+0

241		0.00	0.000	0.190	0.3209	1.3470	.0000E+00	.2951E-01	0.4289	.1213E-01	.2247E-02	0.0000	.0000E+00	.0000E+0
242		0.00	0.000	0.185	0.2850	1.6656	.0000E+00	.3021E-01	0.4690	.1326E-01	.2406E-02	0.0000	.0000E+00	.0000E+0
243		0.00	0.000	0.189	0.2485	1.4517	.0000E+00	.2974E-01	0.5064	.1432E-01	.2552E-02	0.0000	.0000E+00	.0000E+0
244		0.00	0.000	0.224	0.2063	1.1167	.0000E+00	.2900E-01	0.5391	.1524E-01	.2678E-02	0.0000	.0000E+00	.0000E+0
245		0.20	0.000	0.152	0.2095	0.7732	.0000E+00	.2824E-01	0.5672	.1604E-01	.2785E-02	0.0000	.0000E+00	.0000E+0
246		0.00	0.000	0.205	0.1708	0.4566	.0000E+00	.2754E-01	0.5910	.1671E-01	.2874E-02	0.0000	.0000E+00	.0000E+0
247		1.27	0.090	0.163	0.3392	0.0279	.0000E+00	.6680E-02	0.5910	.1671E-01	.2874E-02	0.0000	.0000E+00	.0000E+0
248		0.00	0.000	0.208	0.3010	0.8642	.0000E+00	.2181E-01	0.5725	.1619E-01	.2804E-02	0.0000	.0000E+00	.0000E+0
249		0.00	0.000	0.214	0.2604	1.2122	.0000E+00	.2921E-01	0.5872	.1660E-01	.2859E-02	0.0000	.0000E+00	.0000E+0
250		0.00	0.000	0.225	0.2181	0.9710	.0000E+00	.2868E-01	0.6120	.1730E-01	.2952E-02	0.0000	.0000E+00	.0000E+0
251		0.31	0.000	0.168	0.2371	0.7971	.0000E+00	.2829E-01	0.6335	.1791E-01	.3031E-02	0.0000	.0000E+00	.0000E+0
252		0.00	0.000	0.202	0.1987	0.6428	.0000E+00	.2795E-01	0.6523	.1844E-01	.3100E-02	0.0000	.0000E+00	.0000E+0
253		0.00	0.000	0.154	0.1685	0.4148	.0000E+00	.2745E-01	0.6685	.1890E-01	.3159E-02	0.0000	.0000E+00	.0000E+0
254		0.00	0.000	0.166	0.1403	0.0502	.0000E+00	.3820E-02	0.6591	.1863E-01	.3125E-02	0.0000	.0000E+00	.0000E+0
255		0.00	0.000	0.032	0.1350	0.0000	.0000E+00	.0000E+00	0.6086	.1721E-01	.2939E-02	0.0000	.0000E+00	.0000E+0
256		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5561	.1572E-01	.2742E-02	0.0000	.0000E+00	.0000E+0
257		0.26	0.000	0.073	0.1662	0.0000	.0000E+00	.0000E+00	0.5081	.1437E-01	.2559E-02	0.0000	.0000E+00	.0000E+0
258		0.25	0.000	0.073	0.1957	0.0000	.0000E+00	.0000E+00	0.4640	.1312E-01	.2387E-02	0.0000	.0000E+00	.0000E+0
259		0.02	0.000	0.102	0.1821	0.0000	.0000E+00	.0000E+00	0.4237	.1198E-01	.2226E-02	0.0000	.7899E-10	.3462E-0
260		0.00	0.000	0.095	0.1662	0.0000	.0000E+00	.0000E+00	0.3867	.1093E-01	.2076E-02	0.0001	.3297E-08	.2184E-0
261		0.23	0.000	0.113	0.1857	0.0000	.0000E+00	.0000E+00	0.3529	.9977E-02	.1935E-02	0.0001	.1046E-07	.3874E-0
262		0.00	0.000	0.126	0.1646	0.0000	.0000E+00	.0000E+00	0.3219	.9101E-02	.1804E-02	0.0002	.2059E-07	.5425E-0
263		0.00	0.000	0.106	0.1469	0.0000	.0000E+00	.0000E+00	0.2935	.8299E-02	.1681E-02	0.0002	.3284E-07	.6845E-0
264		0.44	0.000	0.120	0.2001	0.0000	.0000E+00	.0000E+00	0.2676	.7565E-02	.1566E-02	0.0003	.4652E-07	.8143E-0
265		0.00	0.000	0.102	0.1832	0.0000	.0000E+00	.0000E+00	0.2438	.6894E-02	.1459E-02	0.0002	.3039E-07	.6986E-0
266		0.00	0.000	0.093	0.1676	0.0000	.0000E+00	.0000E+00	0.2221	.6280E-02	.1358E-02	0.0003	.7048E-07	.1014E-0
267		0.04	0.000	0.099	0.1579	0.0000	.0000E+00	.0000E+00	0.2022	.5718E-02	.1265E-02	0.0004	.8541E-07	.1114E-0
268		0.05	0.000	0.113	0.1475	0.0000	.0000E+00	.0000E+00	0.1841	.5205E-02	.1177E-02	0.0004	.1002E-06	.1204E-0
269		0.71	0.000	0.105	0.2482	0.0000	.0000E+00	.0000E+00	0.1675	.4736E-02	.1095E-02	0.0004	.1145E-06	.1286E-0
270		0.00	0.000	0.117	0.2286	0.0000	.0000E+00	.0000E+00	0.1523	.4307E-02	.1019E-02	0.0004	.1282E-06	.1359E-0
271		0.00	0.000	0.086	0.2143	0.0000	.0000E+00	.0000E+00	0.1385	.3916E-02	.9473E-03	0.0005	.1412E-06	.1425E-0
272		0.00	0.000	0.103	0.1971	0.0000	.0000E+00	.0000E+00	0.1258	.3558E-02	.8807E-03	0.0005	.1533E-06	.1858E-0
273		0.00	0.000	0.105	0.1796	0.0000	.0000E+00	.0000E+00	0.1143	.3232E-02	.8185E-03	0.0005	.1688E-06	.1549E-0
274		0.00	0.000	0.078	0.1666	0.0000	.0000E+00	.0000E+00	0.1038	.2935E-02	.7604E-03	0.0005	.1787E-06	.1594E-0
275		0.00	0.000	0.065	0.1557	0.0000	.0000E+00	.0000E+00	0.0942	.2663E-02	.7062E-03	0.0005	.1877E-06	.1633E-0
276		0.00	0.000	0.074	0.1433	0.0000	.0000E+00	.0000E+00	0.0854	.2416E-02	.6557E-03	0.0006	.1956E-06	.1667E-0
277		0.26	0.000	0.075	0.1742	0.0000	.0000E+00	.0000E+00	0.0775	.2190E-02	.6085E-03	0.0006	.2026E-06	.1697E-0
278		0.00	0.000	0.063	0.1638	0.0000	.0000E+00	.0000E+00	0.0702	.1985E-02	.5645E-03	0.0006	.2087E-06	.1722E-0
279		0.00	0.000	0.059	0.1539	0.0000	.0000E+00	.0000E+00	0.0636	.1798E-02	.5235E-03	0.0006	.2140E-06	.1743E-0
280		1.33	0.104	0.067	0.3471	0.0000	.0000E+00	.0000E+00	0.0576	.1627E-02	.4853E-03	0.0006	.2184E-06	.1761E-0
281		0.21	0.000	0.086	0.3640	1.1432	.0000E+00	.2243E-01	0.0743	.2102E-02	.5875E-03	0.0005	.1893E-06	.1640E-0
282		0.00	0.000	0.057	0.3494	1.9742	.0000E+00	.3090E-01	0.1340	.3789E-02	.9221E-03	0.0004	.1178E-06	.1294E-0
283		0.00	0.000	0.078	0.3312	2.0350	.0000E+00	.3103E-01	0.2022	.5717E-02	.1264E-02	0.0003	.6368E-07	.9520E-0
284		0.00	0.000	0.058	0.3164	1.9380	.0000E+00	.3082E-01	0.2645	.7479E-02	.1552E-02	0.0002	.3179E-07	.6733E-0
285		0.00	0.000	0.070	0.2996	1.8220	.0000E+00	.3056E-01	0.3209	.9074E-02	.1799E-02	0.0001	.6717E-08	.3310E-0
286		0.00	0.000	0.075	0.2820	1.6526	.0000E+00	.3019E-01	0.3718	.1051E-01	.2014E-02	0.0001	.7793E-08	.3017E-0
287		0.00	0.000	0.070	0.2654	1.4844	.0000E+00	.2981E-01	0.4173	.1180E-01	.2200E-02	0.0001	.1991E-08	.1386E-0
288		0.00	0.000	0.057	0.2509	1.3212	.0000E+00	.2945E-01	0.4581	.1295E-01	.2363E-02	0.0000	.2269E-09	.2840E-0
289		0.14	0.000	0.073	0.2572	1.1648	.0000E+00	.2911E-01	0.4946	.1398E-01	.2506E-02	0.0000	.0000E+00	.0000E+0
290		0.45	0.000	0.071	0.3156	1.0007	.0000E+00	.2874E-01	0.5270	.1490E-01	.2632E-02	0.0000	.0000E+00	.0000E+0
291		0.00	0.000	0.061	0.3006	0.8703	.0000E+00	.2846E-01	0.5559	.1572E-01	.2742E-02	0.0000	.0000E+00	.0000E+0
292		0.00	0.000	0.054	0.2869	0.7465	.0000E+00	.2818E-01	0.5817	.1645E-01	.2839E-02	0.0000	.0000E+00	.0000E+0
293		0.00	0.000	0.045	0.2747	0.6259	.0000E+00	.2792E-01	0.6046	.1709E-01	.2924E-02	0.0000	.0000E+00	.0000E+0
294		1.00	0.048	0.070	0.4170	0.7976	.0000E+00	.2830E-01	0.6255	.1769E-01	.3002E-02	0.0000	.0000E+00	.0000E+0
295		0.00	0.000	0.065	0.4004	3.5899	.0000E+00	.3447E-01	0.6514	.1842E-01	.3097E-02	0.0000	.0000E+00	.0000E+0
296		0.03	0.000	0.065	0.3889	3.5061	.0000E+00	.3428E-01	0.6850	.1937E-01	.3219E-02	0.0000	.0000E+00	.0000E+0
297		0.02	0.000	0.053	0.3777	3.2998	.0000E+00	.3383E-01	0.7150	.2022E-01	.3327E-02	0.0000	.0000E+00	.0000E+0
298		0.00	0.000	0.067	0.3610	3.0899	.0000E+00	.3336E-01	0.7413	.2096E-01	.3421E-02	0.0000	.0000E+00	.0000E+0
299		0.00	0.000	0.048	0.3475	2.9464	.0000E+00	.3305E-01	0.7643	.2161E-01	.3503E-02	0.0000	.0000E+00	.0000E+0
300		0.00	0.000	0.048	0.3341	2.7703	.0000E+00	.3266E-01	0.7846	.2218E-01	.3574E-02	0.0000	.0000E+00	.0000E+0
301		0.15	0.000	0.080	0.3403	2.5771	.0000E+00	.3223E-01	0.8021	.2268E-01	.3635E-02	0.0000	.0000E+00	.0000E+0
302		0.80	0.021	0.076	0.4522	2.7130	.0000E+00	.3253E-01	0.8178	.2312E-01	.3690E-02	0.0000	.0000E+00	.0000E+0
303		0.09	0.000	0.066	0.4500	4.5662	.0000E+00	.3663E-01	0.8368	.2366E-01	.3756E-02	0.0000	.0000E+00	.0000E+0
304		0.09	0.000	0.077	0.4461	4.5272	.0000E+00	.3654E-01	0.8607	.2434E-01	.3838E-02	0.0000	.0000E+00	.0000E+0
305		0.00	0.000	0.061	0.4299	4.3633	.0000E+00	.3618E-01	0.8821	.2494E-01	.3912E-02	0.0000	.0000E+00	.0000E+0
306		0.00	0.000	0.057	0.4145	4.0493	.0000E+00	.3549E-01	0.9005	.2546E-01	.3974E-02	0.0000	.0000E+00	.0000E+0
307		0.00	0.000	0.061	0.3986	3.7806	.0000E+00	.3489E-01	0.9156	.2589E-01	.4026E-02	0.0000	.0000E+00	.0000E+0
308		0.76	0.044	0.065	0.5010	4.2316	.0000E+00	.3589E-01	0.9296	.2628E-01	.4073E-02	0.0000	.0000E+00	.0000E+0
309		0.00	0.000	0.054	0.4854	5.8391	.0000E+00	.3944E-01	0.9475	.2679E-01	.4134E-02	0.0000	.0000E+00	.0000E+0
310		0.00	0.000	0.050	0.4707	5.4334	.0000E+00	.3855E-01	0.9688	.2739E-01	.4205E-02	0.0000	.0000E+00	.0000E+0
311		0.01	0.000	0.053	0.4572	5.0747	.0000E+00	.3775E-01	0.9861	.2788E-01	.4263E-02	0.0000	.0000E+00	.0000E+0
312		0.13	0.000	0.065	0.4619	4.8396	.0000E+00	.3723E-01	1.0002	.2828E-01	.4310E-02	0.0000	.0000E+00	.0000E+0
313		0.00	0.000	0.052	0.4471	4.7724	.0000E+00	.3708E-01	1.0121	.2862E-01	.4350E-02	0.0000	.0000E+00	.0000E+0
314		0.00	0.000	0.046	0.4333	4.4920	.0000E+00	.3646E-01	1.0222	.2890E-01	.4384E-02	0.0000	.6687E-10	.2845E-0
315		0.00	0.000	0.046	0.4196	4.2014	.0000E+00	.3582E-01	1.0299	.2912E-01	.4409E-02	0.0000	.1121E-08	.1293E-0
316		0.00	0.000	0.048	0.4058	3.9221	.0000E+00	.3520E-01	1.0352	.2927E-01	.4427E-02	0.0001	.3849E-08	.2385E-0
317		0.00	0.000	0.049	0.3919	3.6843	.0000E+00	.3468E-01	1.0386	.2937E-01	.4438E-02	0.0001	.8566E-08	.3547E-0
318		0.00	0.000	0.064	0.3756	3.4433	.0000E+00	.3415E-01	1.0404	.2942E-01	.4444E-02	0.0002	.1551E-07	.4761E-0
319		0.00	0.000	0.060	0.3599	3.1927	.0000E+00	.3359E-01	1.0405	.2942E-01	.4444E-02	0.0002	.2487E-07	.6018E-0
320		0.00	0.000	0.054	0.3454	2.9581	.0000E+00	.3307E-01	1.0393	.2939E-01	.4440E-02	0.0002	.3678E-07	.7309E-0
321		0.14	0.000	0.068	0.3520	2.7599	.0000E+00	.3263E-01	1.0369	.2932E-01	.4432E-02	0.0003	.5128E-07	.8622E-0
322		0.37	0.000	0.068	0.3969	2.5661	.0000E+00	.3221E-01	1.0336	.2922E-01	.4421E-02	0.0003	.6835E-07	.9943E-0
323		0.53	0.008	0.059	0.4682	3.8556	.0000E+00	.3506E-01	1.0327	.2920E-01	.4418E-02	0.0004	.8684E-07	.1119E-0
324		0.00	0.000	0.043	0.4548	4.9628	.0000E+00	.3750E-01	1.0388	.2937E-01	.4439E-02	0.0004	.1042E-06	.1222E-0
325		0.00	0.000	0.046	0.4410	4.6747	.0000E+00	.3687E-01	1.0478	.2963E-01	.4468E-02	0.0004	.1231E-06	.1656E-0
326		0.00	0.000	0.052	0.4263	4.3772	.0000E+00	.3621E-01	1.0544	.2981E-01	.4490E-02	0.0005	.1421E-06	.1428E-0
327		0.00	0.000	0.054	0.4114	4.0700	.0000E+00	.3553E-01	1.0587	.2993E-01	.4504E-02	0.0005	.1631E-06	.1530E-0
328		1.09	0.449	0.066	0.5010	4.7960	.0000E+00	.3714E-01	1.0631	.3006E-01	.4519E-02	0.0005	.1851E-06	.1630E-0
329		0.00	0.000	0.055	0.4853	5.8386	.0000E+00	.3944E-01	1.0721	.3031E-01	.4548E-02	0.0006	.2048E-06	.1713E-0
330		0.27	0.074	0.063	0.5010	5.7511	.0000E+00	.3925E-01	1.0838	.3064E-01	.4587E-02	0.0006	.2231E-06	.1788E-0
331		0.00	0.000	0.053	0.4856	5.8412	.0000E+00	.3945E-01	1.0945	.3095E-01	.4621E-02	0.0006	.2432E-06	.1867E-0
332		0.02	0.000	0.059	0.4726	5.4573	.0000E+00	.3860E-01	1.1037	.3121E-01	.4652E-02	0.0006	.2654E-06	.1950E-0
333		0.00	0.000	0.042	0.4593	5.1048	.0000E+00	.3782E-01	1.1101	.3139E-01	.4672E-02	0.0007	.2910E-06	.2041E-0
334		0.00	0.000	0.036	0.4472	4.8018	.0000E+00	.3715E-01	1.1140	.3150E-01	.4685E-02	0.0007	.3197E-06	.2139E-0
335	*	0.00	0.000	0.028	0.4364	4.5437	.0000E+00	.3658E-01	1.1159	.3155E-01	.4691E-02	0.0004	.1713E-06	.1671E-0
336	*	0.00	0.000	0.033	0.4250	4.2963	.0000E+00	.3603E-01	1.1163	.3156E-01	.4693E-02	0.0008	.3762E-06	.2915E-0

337		0.00	0.000	0.034	0.4134	4.0421	.0000E+00	.3547E-01	1.1151	.3153E-01	.4689E-02	0.0008	.4202E-06	.2451E-0
338	*	0.00	0.000	0.030	0.4026	3.8154	.0000E+00	.3497E-01	1.1127	.3146E-01	.4681E-02	0.0008	.4575E-06	.2557E-0
339	*	0.00	0.000	0.032	0.3915	3.6087	.0000E+00	.3451E-01	1.1092	.3136E-01	.4669E-02	0.0009	.4962E-06	.2662E-0
340	*	0.00	0.000	0.000	0.3858	3.4200	.0000E+00	.3409E-01	1.1048	.3124E-01	.4655E-02	0.0009	.5359E-06	.2766E-0
341	*	0.44	0.000	0.034	0.3835	3.2635	.0000E+00	.3375E-01	1.0997	.3110E-01	.4639E-02	0.0005	.2881E-06	.2143E-0
342		0.11	0.000	0.000	0.4523	3.5263	.0000E+00	.3433E-01	1.0952	.3097E-01	.4624E-02	0.0010	.6048E-06	.2940E-0
343		0.69	0.408	0.000	0.5010	5.4754	.0000E+00	.3864E-01	1.0962	.3099E-01	.4627E-02	0.0010	.6389E-06	.3019E-0
344		0.00	0.000	0.040	0.4878	5.8633	.0000E+00	.3950E-01	1.1049	.3124E-01	.4655E-02	0.0010	.6632E-06	.3072E-0
345	*	0.00	0.000	0.030	0.4763	5.5264	.0000E+00	.3875E-01	1.1135	.3148E-01	.4684E-02	0.0010	.6837E-06	.3119E-0
346		0.00	0.000	0.039	0.4634	5.2074	.0000E+00	.3805E-01	1.1195	.3165E-01	.4703E-02	0.0010	.7067E-06	.3172E-0
347		0.16	0.000	0.047	0.4760	5.0583	.0000E+00	.3772E-01	1.1236	.3177E-01	.4716E-02	0.0011	.7328E-06	.3231E-0
348	*	0.01	0.000	0.043	0.4641	5.1909	.0000E+00	.3801E-01	1.1271	.3187E-01	.4728E-02	0.0011	.7603E-06	.4125E-0
349	*	0.43	0.000	0.027	0.4611	4.9673	.0000E+00	.3751E-01	1.1303	.3196E-01	.4738E-02	0.0011	.7943E-06	.3365E-0
350	*	0.00	0.000	0.032	0.4582	4.8860	.0000E+00	.3733E-01	1.1322	.3201E-01	.4744E-02	0.0011	.8235E-06	.3426E-0
351	*	0.09	0.000	0.000	0.4553	4.8051	.0000E+00	.3716E-01	1.1335	.3205E-01	.4749E-02	0.0011	.8531E-06	.3487E-0
352		0.00	0.082	0.000	0.5010	5.3226	.0000E+00	.3830E-01	1.1356	.3211E-01	.4755E-02	0.0012	.8809E-06	.3543E-0
353	*	0.25	0.000	0.036	0.4977	5.9653	.0000E+00	.3972E-01	1.1408	.3226E-01	.4772E-02	0.0012	.9033E-06	.3588E-0
354	*	0.15	0.000	0.030	0.4944	5.8733	.0000E+00	.3952E-01	1.1476	.3245E-01	.4794E-02	0.0012	.9228E-06	.3626E-0
355	*	0.17	0.000	0.034	0.4911	5.7941	.0000E+00	.3934E-01	1.1533	.3261E-01	.4813E-02	0.0012	.9440E-06	.3668E-0
356	*	0.35	0.000	0.000	0.4878	5.7038	.0000E+00	.3914E-01	1.1581	.3275E-01	.4828E-02	0.0006	.4833E-06	.2778E-0
357		0.10	0.217	0.000	0.5010	5.8657	.0000E+00	.3950E-01	1.1626	.3287E-01	.4843E-02	0.0012	.9846E-06	.3744E-0
358		0.00	0.279	0.004	0.4970	5.9580	.0000E+00	.3971E-01	1.1674	.3301E-01	.4858E-02	0.0012	.1007E-05	.3785E-0
359		0.00	0.096	0.023	0.5010	5.9581	.0000E+00	.3971E-01	1.1722	.3314E-01	.4874E-02	0.0013	.1028E-05	.3826E-0
360	*	0.00	0.000	0.040	0.4929	5.9154	.0000E+00	.3961E-01	1.1765	.3327E-01	.4888E-02	0.0013	.1050E-05	.3867E-0
361	*	0.00	0.000	0.034	0.4808	5.6550	.0000E+00	.3904E-01	1.1797	.3336E-01	.4898E-02	0.0013	.1073E-05	.3909E-0
362		0.00	0.000	0.040	0.4677	5.3248	.0000E+00	.3831E-01	1.1810	.3339E-01	.4902E-02	0.0013	.1099E-05	.3955E-0
363		0.00	0.000	0.044	0.4542	4.9795	.0000E+00	.3754E-01	1.1803	.3337E-01	.4900E-02	0.0013	.1127E-05	.4006E-0
364		0.00	0.000	0.037	0.4418	4.6841	.0000E+00	.3689E-01	1.1777	.3330E-01	.4892E-02	0.0013	.1157E-05	.5082E-0
365		0.00	0.000	0.040	0.4291	4.4124	.0000E+00	.3629E-01	1.1737	.3319E-01	.4879E-02	0.0014	.1197E-05	.4129E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 21

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	2.33	3.10	4.96	2.74	3.16	1.97
	4.58	4.72	3.78	4.57	3.32	2.95
RUNOFF	0.909	1.946	1.327	0.116	0.011	0.000
	0.021	0.176	0.091	0.173	0.575	1.082
EVAPOTRANSPIRATION	1.396	0.654	2.420	2.330	4.389	1.971
	4.519	3.567	3.844	2.053	1.648	0.811
PERCOLATION/LEAKAGE THROUGH	1.0580	0.2087	0.8000	0.4387	0.3971	0.0000
LAYER 2	0.0399	0.2969	0.2587	0.7455	1.0903	1.1650
LATERAL DRAINAGE COLLECTED	0.9738	0.4488	0.4301	0.5585	0.4093	0.0376
FROM LAYER 3	0.0265	0.0892	0.3508	0.3914	0.8690	0.9969
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1449	0.0759	0.0738	0.0920	0.0731	0.0112
LAYER 4	0.0083	0.0186	0.0642	0.0687	0.1317	0.1476
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1148	0.1412	0.0814	0.0936	0.0959	0.0972
LAYER 7	0.0582	0.0350	0.0142	0.0172	0.0245	0.1036

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	3.436	0.132	2.865	0.912	0.858	0.000
TOP OF LAYER 2	0.004	0.460	0.244	1.683	4.438	4.997
STD. DEVIATION OF DAILY	1.504	0.265	1.933	1.226	1.418	0.000
HEAD ON TOP OF LAYER 2	0.015	0.747	0.400	1.383	0.918	0.844
AVERAGE DAILY HEAD ON	1.111	0.567	0.491	0.658	0.467	0.044
TOP OF LAYER 4	0.030	0.102	0.414	0.447	1.024	1.137
STD. DEVIATION OF DAILY	0.056	0.308	0.320	0.289	0.196	0.037
HEAD ON TOP OF LAYER 4	0.030	0.164	0.194	0.286	0.060	0.029
AVERAGE DAILY HEAD ON	0.001	0.002	0.001	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.000	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 21

	INCHES	CU. FEET	PERCENT
PRECIPITATION	42.18	382783.406	100.00
RUNOFF	6.426	58314.824	15.23
EVAPOTRANSPIRATION	29.602	268634.781	70.18
PERC./LEAKAGE THROUGH LAYER 2	6.498537	58974.223	15.41
AVG. HEAD ON TOP OF LAYER 2	1.6690		
DRAINAGE COLLECTED FROM LAYER 3	5.5820	50657.098	13.23
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.910102	8259.179	2.16
AVG. HEAD ON TOP OF LAYER 4	0.5410		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.828	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.876804	7956.992	2.08
AVG. HEAD ON TOP OF LAYER 7	0.0008		
CHANGE IN WATER STORAGE	-0.307	-2782.210	-0.73
SOIL WATER AT START OF YEAR	285.892	2594466.250	
SOIL WATER AT END OF YEAR	285.585	2591684.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.097	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 22

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.13	0.000	0.055	0.4357	4.1341	.0000E+00	.3567E-01	1.1685	.3304E-01	.4862E-02	0.0014	.1230E-05	.4185E-0
2			0.00	0.000	0.043	0.4227	3.9873	.0000E+00	.3535E-01	1.1624	.3287E-01	.4842E-02	0.0014	.1263E-05	.4240E-0
3	*		0.38	0.000	0.039	0.4202	3.8862	.0000E+00	.3512E-01	1.1560	.3269E-01	.4821E-02	0.0014	.1294E-05	.4291E-0
4	*		0.13	0.000	0.035	0.4176	3.7877	.0000E+00	.3491E-01	1.1496	.3250E-01	.4801E-02	0.0014	.1323E-05	.4339E-0
5			0.00	0.000	0.041	0.4177	3.6970	.0000E+00	.3471E-01	1.1431	.3232E-01	.4780E-02	0.0007	.6753E-06	.3286E-0
6	*		0.10	0.000	0.039	0.4152	3.6534	.0000E+00	.3461E-01	1.1368	.3214E-01	.4759E-02	0.0015	.1368E-05	.4415E-0
7	*		0.00	0.000	0.031	0.4128	3.6280	.0000E+00	.3455E-01	1.1308	.3197E-01	.4740E-02	0.0015	.1392E-05	.4453E-0
8	*		0.00	0.000	0.037	0.4104	3.5616	.0000E+00	.3441E-01	1.1250	.3181E-01	.4721E-02	0.0015	.1413E-05	.4486E-0
9			1.06	0.701	0.000	0.5010	4.8744	.0000E+00	.3731E-01	1.1224	.3174E-01	.4712E-02	0.0015	.1429E-05	.4510E-0
10			1.45	1.450	0.000	0.4977	5.9656	.0000E+00	.3972E-01	1.1270	.3187E-01	.4727E-02	0.0015	.1432E-05	.4512E-0
11			0.00	0.000	0.070	0.4815	5.7441	.0000E+00	.3923E-01	1.1347	.3208E-01	.4752E-02	0.0015	.1427E-05	.5628E-0
12			0.00	0.000	0.049	0.4669	5.3325	.0000E+00	.3832E-01	1.1400	.3223E-01	.4770E-02	0.0015	.1421E-05	.4497E-0
13			0.04	0.000	0.054	0.4584	4.9808	.0000E+00	.3754E-01	1.1427	.3231E-01	.4778E-02	0.0015	.1425E-05	.4503E-0
14	*		0.00	0.000	0.042	0.4452	4.7272	.0000E+00	.3698E-01	1.1433	.3233E-01	.4780E-02	0.0015	.1434E-05	.4516E-0
15			0.00	0.000	0.046	0.4315	4.4418	.0000E+00	.3635E-01	1.1423	.3230E-01	.4777E-02	0.0015	.1445E-05	.4534E-0
16			0.00	0.000	0.052	0.4169	4.1464	.0000E+00	.3570E-01	1.1398	.3223E-01	.4769E-02	0.0015	.1458E-05	.4555E-0
17			0.03	0.000	0.061	0.4059	3.8654	.0000E+00	.3508E-01	1.1358	.3212E-01	.4756E-02	0.0015	.1474E-05	.4579E-0
18			0.07	0.000	0.058	0.4021	3.6509	.0000E+00	.3460E-01	1.1307	.3197E-01	.4739E-02	0.0015	.1490E-05	.4604E-0
19	*		0.27	0.000	0.038	0.3997	3.4455	.0000E+00	.3415E-01	1.1247	.3180E-01	.4720E-02	0.0015	.1507E-05	.4630E-0
20			0.00	0.000	0.032	0.4242	3.3599	.0000E+00	.3396E-01	1.1184	.3162E-01	.4699E-02	0.0015	.1523E-05	.4654E-0
21	*		0.00	0.000	0.000	0.4183	3.9390	.0000E+00	.3524E-01	1.1135	.3148E-01	.4684E-02	0.0015	.1535E-05	.4671E-0
22	*		0.00	0.000	0.037	0.4062	3.7560	.0000E+00	.3484E-01	1.1107	.3140E-01	.4674E-02	0.0015	.1541E-05	.4681E-0
23	*		0.00	0.000	0.046	0.3928	3.5347	.0000E+00	.3435E-01	1.1070	.3130E-01	.4662E-02	0.0015	.1548E-05	.4692E-0
24			0.07	0.000	0.064	0.3882	3.3021	.0000E+00	.3383E-01	1.1022	.3117E-01	.4647E-02	0.0016	.1557E-05	.4705E-0
25			0.00	0.000	0.050	0.3743	3.0705	.0000E+00	.3332E-01	1.0966	.3101E-01	.4628E-02	0.0016	.1566E-05	.4719E-0

26			1.87	1.015	0.058	0.5010	4.4204	.0000E+00	.3631E-01	1.0935	.3092E-01	.4618E-02	0.0016	.1569E-05	.4723E-0
27			0.00	0.000	0.048	0.4864	5.8495	.0000E+00	.3947E-01	1.0987	.3106E-01	.4635E-02	0.0008	.7772E-06	.3527E-0
28	*		0.00	0.000	0.048	0.4720	5.4634	.0000E+00	.3861E-01	1.1076	.3132E-01	.4664E-02	0.0015	.1541E-05	.4678E-0
29	*		0.00	0.000	0.041	0.4588	5.0961	.0000E+00	.3780E-01	1.1137	.3149E-01	.4684E-02	0.0015	.1526E-05	.5819E-0
30	*		0.00	0.000	0.045	0.4452	4.7851	.0000E+00	.3711E-01	1.1172	.3159E-01	.4696E-02	0.0015	.1515E-05	.4642E-0
31	*		0.07	0.000	0.036	0.4424	4.5413	.0000E+00	.3657E-01	1.1188	.3164E-01	.4701E-02	0.0008	.7566E-06	.3480E-0
32	*		0.00	0.000	0.052	0.4302	4.3383	.0000E+00	.3612E-01	1.1190	.3164E-01	.4701E-02	0.0015	.1515E-05	.4642E-0
33	*	*	1.09	0.000	0.030	0.4251	1.7373	.0000E+00	.3037E-01	1.1127	.3146E-01	.4681E-02	0.0015	.1525E-05	.4660E-0
34	*	*	0.00	0.000	0.039	0.4204	0.8110	.0000E+00	.2832E-01	1.0956	.3098E-01	.4625E-02	0.0015	.1553E-05	.4706E-0
35	*	*	0.00	0.000	0.033	0.4157	0.6809	.0000E+00	.2804E-01	1.0764	.3044E-01	.4562E-02	0.0016	.1588E-05	.4760E-0
36	*	*	0.00	0.000	0.031	0.4111	0.5522	.0000E+00	.2775E-01	1.0580	.2992E-01	.4502E-02	0.0016	.1621E-05	.6011E-0
37	*	*	0.19	0.000	0.026	0.4065	0.4248	.0000E+00	.2747E-01	1.0404	.2942E-01	.4444E-02	0.0016	.1659E-05	.4856E-0
38	*	*	0.00	0.000	0.030	0.4020	0.2987	.0000E+00	.2719E-01	1.0235	.2894E-01	.4388E-02	0.0016	.1680E-05	.4886E-0
39	*	*	0.03	0.000	0.000	0.3975	0.1739	.0000E+00	.2692E-01	1.0072	.2848E-01	.4334E-02	0.0016	.1696E-05	.4909E-0
40		*	0.50	0.143	0.000	0.4255	0.0503	.0000E+00	.2093E-01	0.9859	.2788E-01	.4263E-02	0.0016	.1721E-05	.4945E-0
41		*	0.66	1.785	0.000	0.4528	0.0000	.0000E+00	.2776E-16	0.9359	.2646E-01	.4095E-02	0.0017	.1808E-05	.5067E-0
42		*	0.00	0.000	0.000	0.4528	0.0000	.0000E+00	.0000E+00	0.8564	.2421E-01	.3823E-02	0.0017	.1957E-05	.5271E-0
43	*	*	0.00	0.000	0.000	0.4528	0.0000	.0000E+00	.0000E+00	0.7834	.2215E-01	.3569E-02	0.0018	.2081E-05	.5433E-0
44	*	*	0.00	0.000	0.000	0.4528	0.0000	.0000E+00	.0000E+00	0.7164	.2026E-01	.3332E-02	0.0018	.2179E-05	.5559E-0
45		*	0.00	0.000	0.000	0.4528	0.0000	.0000E+00	.0000E+00	0.6550	.1852E-01	.3110E-02	0.0009	.1126E-05	.4252E-0
46	*	*	0.38	0.000	0.038	0.4528	0.0000	.0000E+00	.0000E+00	0.5987	.1693E-01	.2902E-02	0.0019	.2258E-05	.7118E-0
47		*	0.00	0.198	0.044	0.4530	0.0000	.0000E+00	.0000E+00	0.5471	.1547E-01	.2708E-02	0.0010	.1186E-05	.4333E-0
48		*	0.00	0.026	0.073	0.4530	0.0000	.0000E+00	.0000E+00	0.4998	.1413E-01	.2527E-02	0.0019	.2333E-05	.5773E-0
49	*	*	0.00	0.000	0.000	0.4530	0.0000	.0000E+00	.0000E+00	0.4564	.1291E-01	.2357E-02	0.0019	.2339E-05	.5778E-0
50	*	*	0.00	0.000	0.000	0.4530	0.0000	.0000E+00	.0000E+00	0.4167	.1178E-01	.2198E-02	0.0019	.2331E-05	.5767E-0
51	*	*	0.15	0.000	0.048	0.4530	0.0000	.0000E+00	.0000E+00	0.3804	.1075E-01	.2050E-02	0.0019	.2312E-05	.7159E-0
52	*	*	0.00	0.000	0.054	0.4530	0.0000	.0000E+00	.0000E+00	0.3470	.9813E-02	.1911E-02	0.0019	.2290E-05	.5695E-0
53		*	0.00	0.000	0.048	0.4530	0.0000	.0000E+00	.0000E+00	0.3165	.8950E-02	.1781E-02	0.0019	.2250E-05	.5645E-0
54	*	*	0.31	0.000	0.039	0.4530	0.0000	.0000E+00	.0000E+00	0.2886	.8161E-02	.1659E-02	0.0009	.1120E-05	.4208E-0
55		*	0.00	0.225	0.037	0.4545	0.0000	.0000E+00	.0000E+00	0.2631	.7439E-02	.1546E-02	0.0018	.2156E-05	.5540E-0
56		*	0.00	0.000	0.000	0.4545	0.0000	.0000E+00	.0000E+00	0.2397	.6778E-02	.1440E-02	0.0018	.2104E-05	.5472E-0
57		*	0.01	0.000	0.005	0.4553	0.0000	.0000E+00	.0000E+00	0.2184	.6174E-02	.1341E-02	0.0018	.2049E-05	.5399E-0
58		*	0.00	0.000	0.000	0.4553	0.0000	.0000E+00	.0000E+00	0.1988	.5622E-02	.1248E-02	0.0018	.1991E-05	.5322E-0
59		*	0.00	0.000	0.000	0.4553	0.0000	.0000E+00	.0000E+00	0.1810	.5117E-02	.1162E-02	0.0017	.1933E-05	.5243E-0
60		*	0.46	0.418	0.006	0.4612	0.0000	.0000E+00	.0000E+00	0.1646	.4655E-02	.1081E-02	0.0017	.1873E-05	.5161E-0
61		*	0.00	0.000	0.000	0.4612	0.0000	.0000E+00	.0000E+00	0.1497	.4234E-02	.1005E-02	0.0017	.1813E-05	.5078E-0
62		*	0.00	0.000	0.000	0.4612	0.0000	.0000E+00	.0000E+00	0.1361	.3849E-02	.9349E-03	0.0016	.1754E-05	.4993E-0
63		*	0.05	0.031	0.006	0.4633	0.0000	.0000E+00	.0000E+00	0.1237	.3497E-02	.8691E-03	0.0016	.1695E-05	.4908E-0
64		*	0.07	0.053	0.006	0.4651	0.0000	.0000E+00	.0000E+00	0.1123	.3176E-02	.8077E-03	0.0016	.1636E-05	.4823E-0
65		*	0.00	0.000	0.000	0.4648	0.0019	.0000E+00	.1624E-02	0.1036	.2929E-02	.7594E-03	0.0016	.1576E-05	.4731E-0
66		*	0.01	0.003	0.005	0.4648	0.0013	.0000E+00	.2222E-02	0.0988	.2794E-02	.7326E-03	0.0015	.1507E-05	.4624E-0
67			0.00	0.000	0.098	0.4438	3.6939	.0000E+00	.2807E-01	0.1211	.3424E-02	.8536E-03	0.0015	.1382E-05	.4410E-0
68			0.78	0.325	0.073	0.5010	5.2975	.0000E+00	.3824E-01	0.1930	.5458E-02	.1219E-02	0.0014	.1153E-05	.3996E-0
69			0.12	0.114	0.088	0.4808	5.7923	.0000E+00	.3934E-01	0.2762	.7809E-02	.1604E-02	0.0012	.9061E-06	.3535E-0
70			0.17	0.006	0.100	0.4850	5.4615	.0000E+00	.3861E-01	0.3533	.9990E-02	.1937E-02	0.0011	.7116E-06	.3135E-0
71			0.00	0.000	0.120	0.4586	5.3065	.0000E+00	.3826E-01	0.4224	.1194E-01	.2221E-02	0.0010	.5695E-06	.3489E-0
72			0.21	0.000	0.096	0.4714	4.9221	.0000E+00	.3741E-01	0.4842	.1369E-01	.2466E-02	0.0008	.4317E-06	.2478E-0
73			0.00	0.000	0.103	0.4480	5.0152	.0000E+00	.3762E-01	0.5398	.1526E-01	.2680E-02	0.0007	.3621E-06	.2270E-0
74			0.00	0.000	0.092	0.4266	4.5494	.0000E+00	.3659E-01	0.5900	.1668E-01	.2870E-02	0.0003	.1539E-06	.1573E-0
75			0.00	0.000	0.081	0.4071	4.1468	.0000E+00	.3570E-01	0.6334	.1791E-01	.3031E-02	0.0007	.2867E-06	.2001E-0
76	*		0.00	0.000	0.068	0.3899	3.8294	.0000E+00	.3500E-01	0.6711	.1898E-01	.3169E-02	0.0006	.2561E-06	.1894E-0
77			0.00	0.000	0.063	0.3737	3.5692	.0000E+00	.3442E-01	0.7040	.1991E-01	.3288E-02	0.0006	.2346E-06	.1815E-0
78			0.00	0.000	0.065	0.3571	3.3148	.0000E+00	.3386E-01	0.7327	.2072E-01	.3390E-02	0.0006	.2199E-06	.1759E-0
79			0.00	0.000	0.079	0.3384	3.0510	.0000E+00	.3328E-01	0.7575	.2142E-01	.3478E-02	0.0006	.2107E-06	.1724E-0
80			0.05	0.000	0.084	0.3273	2.8112	.0000E+00	.3275E-01	0.7788	.2202E-01	.3553E-02	0.0006	.2059E-06	.1706E-0
81			0.01	0.000	0.108	0.3055	2.5871	.0000E+00	.3225E-01	0.7970	.2253E-01	.3617E-02	0.0006	.2049E-06	.1703E-0
82			0.00	0.000	0.156	0.2743	2.1926	.0000E+00	.3138E-01	0.8120	.2296E-01	.3670E-02	0.0006	.2073E-06	.2151E-0
83			0.09	0.000	0.100	0.2676	1.8293	.0000E+00	.3058E-01	0.8236	.2329E-01	.3710E-02	0.0006	.2136E-06	.1747E-0
84			0.00	0.000	0.103	0.2454	1.6480	.0000E+00	.3018E-01	0.8325	.2354E-01	.3741E-02	0.0006	.2232E-06	.1786E-0
85			0.00	0.000	0.104	0.2231	1.3424	.0000E+00	.2950E-01	0.8393	.2373E-01	.3765E-02	0.0006	.2349E-06	.1832E-0
86			0.00	0.000	0.101	0.2016	0.9513	.0000E+00	.2864E-01	0.8437	.2386E-01	.3780E-02	0.0006	.2492E-06	.1887E-0
87			0.09	0.000	0.097	0.1956	0.7731	.0000E+00	.2824E-01	0.8459	.2392E-01	.3787E-02	0.0006	.2656E-06	.1948E-0
88			0.00	0.000	0.131	0.1692	0.4498	.0000E+00	.2753E-01	0.8466	.2394E-01	.3790E-02	0.0007	.2836E-06	.2013E-0
89			0.00	0.000	0.118	0.1488	0.0333	.0000E+00	.4582E-02	0.8233	.2328E-01	.3709E-02	0.0004	.1628E-06	.1612E-0
90			0.00	0.000	0.081	0.1353	0.0000	.0000E+00	.0000E+00	0.7604	.2150E-01	.3488E-02	0.0008	.3820E-06	.2360E-0
91			0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.6953	.1966E-01	.3256E-02	0.0008	.4735E-06	.2625E-0
92			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6357	.1797E-01	.3039E-02	0.0009	.5657E-06	.3593E-0
93			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5810	.1643E-01	.2836E-02	0.0010	.6840E-06	.3118E-0
94			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5309	.1501E-01	.2646E-02	0.0011	.7620E-06	.3290E-0
95			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4849	.1371E-01	.2469E-02	0.0011	.8319E-06	.3437E-0
96			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4428	.1252E-01	.2303E-02	0.0012	.8932E-06	.3561E-0
97			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4042	.1143E-01	.2147E-02	0.0012	.9459E-06	.3664E-0
98			0.32	0.000	0.019	0.1852	0.0000	.0000E+00	.0000E+00	0.3689	.1043E-01	.2002E-02	0.0012	.9902E-06	.3749E-0
99			0.00	0.000	0.021	0.1817	0.0000	.0000E+00	.0000E+00	0.3366	.9517E-02	.1866E-02	0.0013	.1026E-05	.3816E-0
100			0.00	0.000	0.024	0.1777	0.0000	.0000E+00	.0000E+00	0.3070	.8679E-02	.1739E-02	0.0013	.1055E-05	.3869E-0
101			0.00	0.000	0.023	0.1738	0.0000	.0000E+00	.0000E+00	0.2799	.7913E-02	.1621E-02	0.0013	.1077E-05	.3908E-0
102			0.00	0.000	0.022	0.1700	0.0000	.0000E+00	.0000E+00	0.2551	.7212E-02	.1510E-02	0.0013	.1092E-05	.3935E-0
103			0.00	0.000	0.022	0.1664	0.0000	.0000E+00	.0000E+00	0.2324	.6571E-02	.1406E-02	0.0007	.5566E-06	.2972E-0
104			0.00	0.000	0.021	0.1629	0.0000	.0000E+00	.0000E+00	0.2116	.5984E-02	.1309E-02	0.0013	.1097E-05	.3957E-0
105			0.06	0.000	0.026	0.1687	0.0000	.0000E+00	.0000E+00	0.1927	.5448E-02	.1219E-02	0.0013	.1098E-05	.3957E-0
106			0.00	0.000	0.022	0.1650	0.0000	.0000E+00	.0000E+00	0.1753	.4958E-02	.1134E-02	0.0013	.1095E-05	.3951E-0
107			0.00	0.000	0.022	0.1614	0.0000	.0000E+00	.0000E+00	0.1595	.4510E-02	.1055E-02	0.0013	.1088E-05	.3937E-0
108			1.23	0.076	0.026	0.3494	0.0000	.0000E+00	.0000E+00	0.1450	.4101E-02	.9814E-03	0.0013	.1078E-05	.4888E-0
109			0.00	0.000	0.170	0.3174	1.0088	.0000E+00	.2213E-01	0.1538	.4349E-02	.1026E-02	0.0012	.1006E-05	.3778E-0
110			0.00	0.000	0.195	0.2799	1.4865	.0000E+00	.2982E-01	0.2050	.5796E-02	.1277E-02	0.0011	.8386E-06	.3449E-0
111			0.00	0.000	0.137	0.2522	1.2796	.0000E+00	.2936E-01	0.2637	.7456E-02	.1548E-02	0.0010	.6858E-06	.3120E-0
112			0.19	0.000	0.139	0.2558	1.0837	.0000E+00	.2893E-01	0.3162	.8941E-02	.1779E-02	0.0009	.5714E-06	.2849E-0
113			0.54	0.000	0.160	0.3144	0.9149	.0000E+00	.2855E-01	0.3632	.1027E-01	.1978E-02	0.0004	.2422E-06	.1970E-0
114			0.00	0.000	0.204	0.2757	0.7642	.0000E+00	.2822E-01	0.4053	.1146E-01	.2152E-02	0.0008	.4412E-06	.2482E-0
115			0.00	0.000	0.172	0.2425	0.6237	.0000E+00	.2791E-01	0.4430	.1253E-01	.2303E-02	0.0008	.3843E-06	.2318E-0
116			0.00	0.000	0.195	0.2053	0.4692	.0000E+00	.2757E-01	0.4767	.1348E-01	.2437E-02	0.0007	.3402E-06	.2183E-0
117			0.00	0.000	0.165	0.1733	0.3475	.0000E+00	.2730E-01	0.5068	.1433E-01	.2554E-02	0.0007	.3061E-06	.2072E-0
118			0.00	0.000	0.084	0.1570	0.1217	.0000E+00	.1350E-01	0.5202	.1471E-01	.2605E-02	0.0007	.2885E-06	.2020E-0
119			0.96	0.022	0.070	0.3017	0.0000	.0000E+00	.0000E+00	0.4968	.1405E-01	.2515E-02	0.0007	.3041E-06	.2092E-0
120			0.00	0.000	0.202	0.2680	0.0000	.0000E+00	.0000E+00	0.4537	.1283E-01	.2346E-02	0.0007	.3495E-06	.2250E-0
121			0.00	0.000	0.198	0.2334	0.0129	.0000E+00	.1009E-01	0.4243	.1200E-01	.2228E-02	0.0008	.3935E-06	.2982E-0

122	0.00	0.000	0.165	0.2060	0.0000	.0000E+00	.0000E+00	0.4035	.1141E-01	.2144E-02	0.0008	.4344E-06	.2485E-0
123	0.00	0.000	0.176	0.1767	0.0000	.0000E+00	.0000E+00	0.3682	.1041E-01	.1999E-02	0.0004	.2415E-06	.1963E-0
124	0.00	0.000	0.086	0.1623	0.0000	.0000E+00	.0000E+00	0.3359	.9498E-02	.1864E-02	0.0009	.5071E-06	.2701E-0
125	0.00	0.000	0.066	0.1512	0.0000	.0000E+00	.0000E+00	0.3064	.8663E-02	.1737E-02	0.0009	.5465E-06	.2802E-0
126	0.00	0.000	0.058	0.1416	0.0000	.0000E+00	.0000E+00	0.2793	.7898E-02	.1618E-02	0.0009	.5813E-06	.2888E-0
127	0.19	0.000	0.056	0.1639	0.0000	.0000E+00	.0000E+00	0.2546	.7198E-02	.1508E-02	0.0010	.6116E-06	.2960E-0
128	0.13	0.000	0.035	0.1798	0.0000	.0000E+00	.0000E+00	0.2319	.6558E-02	.1404E-02	0.0010	.6374E-06	.3775E-0
129	0.08	0.000	0.035	0.1873	0.0000	.0000E+00	.0000E+00	0.2112	.5972E-02	.1307E-02	0.0010	.6690E-06	.3081E-0
130	0.00	0.000	0.029	0.1826	0.0000	.0000E+00	.0000E+00	0.1923	.5437E-02	.1217E-02	0.0005	.3456E-06	.2344E-0
131	0.00	0.000	0.034	0.1769	0.0000	.0000E+00	.0000E+00	0.1750	.4948E-02	.1132E-02	0.0010	.6899E-06	.3921E-0
132	0.00	0.000	0.032	0.1716	0.0000	.0000E+00	.0000E+00	0.1592	.4501E-02	.1054E-02	0.0010	.7066E-06	.3166E-0
133	0.00	0.000	0.031	0.1664	0.0000	.0000E+00	.0000E+00	0.1448	.4093E-02	.9799E-03	0.0005	.3562E-06	.2390E-0
134	0.00	0.000	0.031	0.1613	0.0000	.0000E+00	.0000E+00	0.1316	.3720E-02	.9111E-03	0.0010	.7110E-06	.3185E-0
135	0.00	0.000	0.029	0.1565	0.0000	.0000E+00	.0000E+00	0.1195	.3380E-02	.8468E-03	0.0010	.7123E-06	.3187E-0
136	0.00	0.000	0.030	0.1515	0.0000	.0000E+00	.0000E+00	0.1086	.3069E-02	.7869E-03	0.0010	.7077E-06	.3974E-0
137	0.07	0.000	0.035	0.1572	0.0000	.0000E+00	.0000E+00	0.0985	.2786E-02	.7309E-03	0.0010	.7104E-06	.3175E-0
138	0.00	0.000	0.031	0.1520	0.0000	.0000E+00	.0000E+00	0.0894	.2528E-02	.6787E-03	0.0005	.3524E-06	.2378E-0
139	0.10	0.000	0.035	0.1628	0.0000	.0000E+00	.0000E+00	0.0811	.2292E-02	.6300E-03	0.0010	.6968E-06	.3150E-0
140	0.00	0.000	0.033	0.1573	0.0000	.0000E+00	.0000E+00	0.0735	.2078E-02	.5846E-03	0.0010	.6889E-06	.3908E-0
141	0.03	0.000	0.037	0.1561	0.0000	.0000E+00	.0000E+00	0.0666	.1882E-02	.5422E-03	0.0010	.6798E-06	.3105E-0
142	0.00	0.000	0.030	0.1512	0.0000	.0000E+00	.0000E+00	0.0603	.1704E-02	.5027E-03	0.0010	.6693E-06	.3081E-0
143	0.00	0.000	0.025	0.1471	0.0000	.0000E+00	.0000E+00	0.0545	.1542E-02	.4659E-03	0.0005	.3290E-06	.2297E-0
144	0.00	0.000	0.023	0.1432	0.0000	.0000E+00	.0000E+00	0.0493	.1395E-02	.4316E-03	0.0010	.6472E-06	.3034E-0
145	0.00	0.000	0.023	0.1394	0.0000	.0000E+00	.0000E+00	0.0446	.1261E-02	.3997E-03	0.0010	.6350E-06	.3005E-0
146	0.00	0.000	0.020	0.1361	0.0000	.0000E+00	.0000E+00	0.0403	.1139E-02	.3700E-03	0.0010	.6223E-06	.2975E-0
147	0.00	0.000	0.005	0.1353	0.0000	.0000E+00	.0000E+00	0.0364	.1028E-02	.3423E-03	0.0010	.6093E-06	.2944E-0
148	0.91	0.014	0.030	0.2796	0.0000	.0000E+00	.0000E+00	0.0328	.9280E-03	.3165E-03	0.0010	.5961E-06	.2911E-0
149	0.67	0.024	0.204	0.3510	0.2924	.0000E+00	.1391E-01	0.0434	.1227E-02	.3898E-03	0.0009	.5588E-06	.2806E-0
150	0.00	0.000	0.217	0.3097	1.6546	.0000E+00	.3019E-01	0.0915	.2586E-02	.6875E-03	0.0009	.4603E-06	.2516E-0
151	0.00	0.000	0.200	0.2714	1.4781	.0000E+00	.2980E-01	0.1610	.4552E-02	.1061E-02	0.0007	.3342E-06	.2128E-0
152	0.04	0.000	0.154	0.2474	1.2684	.0000E+00	.2934E-01	0.2234	.6317E-02	.1364E-02	0.0006	.2359E-06	.2218E-0
153	0.03	0.000	0.210	0.2126	1.0116	.0000E+00	.2877E-01	0.2792	.7893E-02	.1617E-02	0.0005	.1492E-06	.1457E-0
154	0.31	0.000	0.225	0.2220	0.7804	.0000E+00	.2826E-01	0.3287	.9295E-02	.1833E-02	0.0004	.1096E-06	.1250E-0
155	0.00	0.000	0.260	0.1741	0.4224	.0000E+00	.2747E-01	0.3725	.1053E-01	.2017E-02	0.0004	.8208E-07	.1082E-0
156	0.00	0.000	0.220	0.1374	0.0245	.0000E+00	.0000E+00	0.3840	.1086E-01	.2065E-02	0.0002	.3904E-07	.7894E-0
157	0.42	0.000	0.119	0.1876	0.0000	.0000E+00	.0000E+00	0.3504	.9908E-02	.1925E-02	0.0004	.9416E-07	.1175E-0
158	0.00	0.000	0.192	0.1557	0.0000	.0000E+00	.0000E+00	0.3196	.9038E-02	.1794E-02	0.0004	.1198E-06	.1322E-0
159	0.00	0.000	0.102	0.1387	0.0000	.0000E+00	.0000E+00	0.2915	.8241E-02	.1672E-02	0.0005	.1456E-06	.1454E-0
160	1.49	0.155	0.090	0.3462	0.0000	.0000E+00	.0000E+00	0.2657	.7512E-02	.1558E-02	0.0005	.1710E-06	.1974E-0
161	0.00	0.000	0.241	0.3024	0.8343	.0000E+00	.2174E-01	0.2637	.7456E-02	.1549E-02	0.0005	.1822E-06	.1610E-0
162	0.18	0.000	0.185	0.2966	1.3093	.0000E+00	.2943E-01	0.3045	.8608E-02	.1728E-02	0.0005	.1442E-06	.1433E-0
163	0.00	0.000	0.231	0.2533	1.0915	.0000E+00	.2895E-01	0.3536	.9999E-02	.1938E-02	0.0004	.1068E-06	.1234E-0
164	0.00	0.000	0.234	0.2095	0.8950	.0000E+00	.2851E-01	0.3974	.1124E-01	.2120E-02	0.0004	.8054E-07	.1072E-0
165	0.00	0.000	0.255	0.1623	0.5211	.0000E+00	.2768E-01	0.4360	.1233E-01	.2276E-02	0.0003	.6217E-07	.9422E-0
166	0.00	0.000	0.164	0.1350	0.0171	.0000E+00	.0000E+00	0.4426	.1251E-01	.2302E-02	0.0003	.6271E-07	.9463E-0
167	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4040	.1142E-01	.2146E-02	0.0004	.8928E-07	.1128E-0
168	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3687	.1043E-01	.2001E-02	0.0004	.1174E-06	.1293E-0
169	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3364	.9512E-02	.1866E-02	0.0005	.1460E-06	.1442E-0
170	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3068	.8675E-02	.1739E-02	0.0005	.1744E-06	.1575E-0
171	1.14	0.054	0.107	0.2981	0.0000	.0000E+00	.0000E+00	0.2797	.7909E-02	.1620E-02	0.0003	.1010E-06	.1271E-0
172	0.00	0.000	0.253	0.2537	0.0446	.0000E+00	.1336E-01	0.2682	.7584E-02	.1569E-02	0.0006	.2092E-06	.2167E-0
173	0.00	0.000	0.258	0.2088	0.0254	.0000E+00	.1125E-01	0.2771	.7834E-02	.1608E-02	0.0006	.2034E-06	.1701E-0
174	0.00	0.000	0.227	0.1705	0.0053	.0000E+00	.2632E-02	0.2732	.7725E-02	.1591E-02	0.0003	.1034E-06	.1287E-0
175	0.00	0.000	0.213	0.1350	0.0000	.0000E+00	.0000E+00	0.2532	.7160E-02	.1501E-02	0.0006	.2199E-06	.2229E-0
176	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2307	.6523E-02	.1398E-02	0.0006	.2525E-06	.1894E-0
177	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2101	.5940E-02	.1302E-02	0.0003	.1376E-06	.1484E-0
178	0.18	0.000	0.066	0.1541	0.0000	.0000E+00	.0000E+00	0.1913	.5408E-02	.1212E-02	0.0007	.2875E-06	.2543E-0
179	0.00	0.000	0.057	0.1446	0.0000	.0000E+00	.0000E+00	0.1741	.4921E-02	.1128E-02	0.0007	.3145E-06	.2114E-0
180	0.00	0.000	0.045	0.1370	0.0000	.0000E+00	.0000E+00	0.1583	.4477E-02	.1049E-02	0.0007	.3311E-06	.2169E-0
181	0.00	0.000	0.009	0.1355	0.0000	.0000E+00	.0000E+00	0.1440	.4071E-02	.9758E-03	0.0007	.3457E-06	.2216E-0
182	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.1308	.3700E-02	.9073E-03	0.0007	.3583E-06	.2256E-0
183	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1189	.3361E-02	.8433E-03	0.0004	.1858E-06	.1720E-0
184	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1080	.3052E-02	.7835E-03	0.0008	.3733E-06	.2310E-0
185	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0980	.2771E-02	.7278E-03	0.0008	.3811E-06	.2333E-0
186	1.19	0.066	0.115	0.3031	0.0000	.0000E+00	.0000E+00	0.0889	.2514E-02	.6758E-03	0.0008	.3873E-06	.2351E-0
187	0.22	0.000	0.262	0.2939	0.1584	.0000E+00	.1362E-01	0.0941	.2662E-02	.7055E-03	0.0008	.3761E-06	.2307E-0
188	1.00	0.081	0.250	0.4006	0.7956	.0000E+00	.2829E-01	0.1353	.3827E-02	.9294E-03	0.0007	.3197E-06	.2101E-0
189	0.00	0.000	0.247	0.3541	2.7353	.0000E+00	.3258E-01	0.2008	.5677E-02	.1257E-02	0.0006	.2340E-06	.2204E-0
190	0.71	0.013	0.255	0.4223	2.6762	.0000E+00	.3245E-01	0.2673	.7558E-02	.1564E-02	0.0005	.1349E-06	.1386E-0
191	0.00	0.000	0.253	0.3745	3.4756	.0000E+00	.3422E-01	0.3297	.9323E-02	.1837E-02	0.0004	.8842E-07	.1122E-0
192	0.00	0.000	0.208	0.3342	2.9792	.0000E+00	.3312E-01	0.3886	.1099E-01	.2083E-02	0.0003	.5622E-07	.8958E-0
193	0.00	0.000	0.233	0.2901	2.5586	.0000E+00	.3219E-01	0.4399	.1244E-01	.2291E-02	0.0002	.3597E-07	.7173E-0
194	0.00	0.000	0.236	0.2456	1.9386	.0000E+00	.3082E-01	0.4839	.1368E-01	.2465E-02	0.0002	.2344E-07	.5799E-0
195	1.16	0.077	0.210	0.3862	1.5732	.0000E+00	.3001E-01	0.5213	.1474E-01	.2610E-02	0.0002	.1588E-07	.4781E-0
196	0.45	0.003	0.182	0.4249	2.7198	.0000E+00	.3255E-01	0.5568	.1574E-01	.2745E-02	0.0001	.4953E-08	.2888E-0
197	0.00	0.000	0.233	0.3803	3.6975	.0000E+00	.3471E-01	0.5955	.1684E-01	.2891E-02	0.0001	.8072E-08	.3225E-0
198	0.00	0.000	0.272	0.3294	3.1189	.0000E+00	.3343E-01	0.6332	.1790E-01	.3030E-02	0.0001	.4590E-08	.2402E-0
199	0.00	0.000	0.202	0.2904	2.6438	.0000E+00	.3238E-01	0.6647	.1879E-01	.3145E-02	0.0001	.2662E-08	.1834E-0
200	0.00	0.000	0.294	0.2363	1.8458	.0000E+00	.3061E-01	0.6901	.1951E-01	.3238E-02	0.0001	.1844E-08	.1546E-0
201	0.25	0.000	0.206	0.2387	1.1887	.0000E+00	.2916E-01	0.7091	.2005E-01	.3306E-02	0.0001	.1728E-08	.1530E-0
202	0.25	0.000	0.166	0.2480	0.8620	.0000E+00	.2844E-01	0.7235	.2046E-01	.3358E-02	0.0001	.2134E-08	.1727E-0
203	0.23	0.000	0.194	0.2494	0.7080	.0000E+00	.2810E-01	0.7352	.2079E-01	.3399E-02	0.0001	.2991E-08	.2060E-0
204	0.00	0.000	0.258	0.2019	0.4884	.0000E+00	.2761E-01	0.7449	.2106E-01	.3434E-02	0.0001	.4326E-08	.2487E-0
205	0.63	0.000	0.146	0.2780	0.2209	.0000E+00	.2702E-01	0.7524	.2128E-01	.3460E-02	0.0001	.6720E-08	.3861E-0
206	0.00	0.000	0.212	0.2402	0.0509	.0000E+00	.1451E-01	0.7459	.2109E-01	.3437E-02	0.0001	.1193E-07	.4165E-0
207	0.00	0.000	0.253	0.1981	0.0000	.0000E+00	.0000E+00	0.7054	.1995E-01	.3293E-02	0.0002	.2806E-07	.6360E-0
208	0.70	0.000	0.160	0.2880	0.0000	.0000E+00	.0000E+00	0.6450	.1824E-01	.3073E-02	0.0001	.2857E-07	.6844E-0
209	0.06	0.000	0.185	0.2672	0.0000	.0000E+00	.0000E+00	0.5895	.1667E-01	.2868E-02	0.0003	.8323E-07	.1114E-0
210	0.00	0.000	0.267	0.2227	0.0000	.0000E+00	.0000E+00	0.5386	.1523E-01	.2676E-02	0.0004	.1248E-06	.1708E-0
211	0.13	0.000	0.214	0.2087	0.0000	.0000E+00	.0000E+00	0.4920	.1391E-01	.2497E-02	0.0005	.1838E-06	.1618E-0
212	0.00	0.000	0.209	0.1738	0.0000	.0000E+00	.0000E+00	0.4493	.1271E-01	.2329E-02	0.0006	.2290E-06	.1806E-0
213	0.00	0.000	0.200	0.1406	0.0000	.0000E+00	.0000E+00	0.4102	.1160E-01	.2172E-02	0.0007	.2735E-06	.1973E-0
214	0.00	0.000	0.032	0.1352	0.0000	.0000E+00	.0000E+00	0.3744	.1059E-01	.2025E-02	0.0007	.3163E-06	.2121E-0
215	0.10	0.000	0.040	0.1451	0.0000	.0000E+00	.0000E+00	0.3416	.9659E-02	.1888E-02	0.0007	.3566E-06	.2252E-0
216	0.00	0.000	0.049	0.1370	0.0000	.0000E+00	.0000E+00	0.3116	.8809E-02	.1759E-02	0.0004	.1970E-06	.1776E-0
217	0.99	0.026	0.154	0.2720	0.0000	.0000E+00	.0000E+00	0.2841	.8032E-02	.1639E-02	0.0008	.4147E-06	.2442E-0

218	0.22	0.000	0.208	0.2740	0.0000	.0000E+00	.0000E+00	0.2589	.7321E-02	.1527E-02	0.0008	.4464E-06	.2532E-0
219	0.00	0.000	0.263	0.2303	0.0000	.0000E+00	.0000E+00	0.2359	.6670E-02	.1422E-02	0.0009	.4746E-06	.2609E-0
220	0.08	0.000	0.185	0.2127	0.0000	.0000E+00	.0000E+00	0.2149	.6075E-02	.1324E-02	0.0009	.4993E-06	.2675E-0
221	0.66	0.000	0.152	0.2973	0.0000	.0000E+00	.0000E+00	0.1956	.5531E-02	.1233E-02	0.0009	.5187E-06	.3412E-0
222	0.15	0.000	0.245	0.2814	0.0000	.0000E+00	.0000E+00	0.1780	.5034E-02	.1147E-02	0.0009	.5469E-06	.2786E-0
223	0.08	0.000	0.199	0.2594	0.0115	.0000E+00	.1329E-01	0.1752	.4953E-02	.1133E-02	0.0009	.5356E-06	.2757E-0
224	0.04	0.000	0.201	0.2326	0.0000	.0000E+00	.0000E+00	0.1807	.5109E-02	.1160E-02	0.0009	.5092E-06	.2689E-0
225	1.52	0.192	0.216	0.4168	0.1337	.0000E+00	.6929E-02	0.1713	.4843E-02	.1114E-02	0.0009	.5115E-06	.2695E-0
226	0.03	0.000	0.169	0.3879	3.4392	.0000E+00	.3414E-01	0.2008	.5678E-02	.1257E-02	0.0008	.4456E-06	.2515E-0
227	0.00	0.000	0.231	0.3439	3.2924	.0000E+00	.3381E-01	0.2712	.7669E-02	.1582E-02	0.0004	.1652E-06	.1627E-0
228	0.00	0.000	0.298	0.2888	2.6637	.0000E+00	.3242E-01	0.3337	.9436E-02	.1854E-02	0.0007	.2790E-06	.1956E-0
229	0.00	0.000	0.241	0.2436	1.8898	.0000E+00	.3071E-01	0.3870	.1094E-01	.2077E-02	0.0006	.2156E-06	.1723E-0
230	0.00	0.000	0.216	0.2027	1.2102	.0000E+00	.2921E-01	0.4315	.1220E-01	.2258E-02	0.0005	.1725E-06	.1921E-0
231	0.00	0.000	0.273	0.1536	0.4462	.0000E+00	.2085E-01	0.4616	.1305E-01	.2377E-02	0.0005	.1386E-06	.1406E-0
232	0.00	0.000	0.112	0.1350	0.0000	.0000E+00	.0000E+00	0.4550	.1287E-01	.2351E-02	0.0005	.1487E-06	.1456E-0
233	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4154	.1175E-01	.2193E-02	0.0005	.1873E-06	.1633E-0
234	0.69	0.000	0.150	0.2250	0.0000	.0000E+00	.0000E+00	0.3791	.1072E-01	.2044E-02	0.0006	.2256E-06	.1792E-0
235	0.00	0.000	0.210	0.1900	0.0000	.0000E+00	.0000E+00	0.3459	.9781E-02	.1906E-02	0.0006	.2627E-06	.1933E-0
236	0.16	0.000	0.203	0.1828	0.0000	.0000E+00	.0000E+00	0.3155	.8922E-02	.1776E-02	0.0007	.2981E-06	.2059E-0
237	2.30	0.543	0.159	0.4493	0.0000	.0000E+00	.0000E+00	0.2877	.8135E-02	.1655E-02	0.0007	.3311E-06	.2169E-0
238	0.00	0.000	0.160	0.4166	4.2888	.0000E+00	.3601E-01	0.2980	.8427E-02	.1700E-02	0.0007	.3140E-06	.2113E-0
239	0.00	0.000	0.162	0.3837	4.0674	.0000E+00	.3552E-01	0.3649	.1032E-01	.1985E-02	0.0006	.2340E-06	.1824E-0
240	0.42	0.000	0.141	0.4243	3.6715	.0000E+00	.3465E-01	0.4244	.1200E-01	.2229E-02	0.0005	.1777E-06	.1591E-0
241	0.08	0.000	0.138	0.4088	3.7983	.0000E+00	.3493E-01	0.4778	.1351E-01	.2441E-02	0.0002	.6881E-07	.1048E-0
242	2.07	1.319	0.160	0.5010	4.9612	.0000E+00	.3750E-01	0.5298	.1498E-01	.2642E-02	0.0004	.1183E-06	.1273E-0
243	0.00	0.000	0.228	0.4565	5.5540	.0000E+00	.3881E-01	0.5828	.1648E-01	.2843E-02	0.0004	.9061E-07	.1112E-0
244	0.00	0.000	0.224	0.4130	4.5300	.0000E+00	.3655E-01	0.6313	.1785E-01	.3023E-02	0.0003	.6969E-07	.9754E-0
245	0.00	0.000	0.189	0.3757	3.8125	.0000E+00	.3496E-01	0.6705	.1896E-01	.3167E-02	0.0003	.5724E-07	.1101E-0
246	0.00	0.000	0.195	0.3375	3.2484	.0000E+00	.3371E-01	0.7027	.1987E-01	.3283E-02	0.0003	.4553E-07	.8088E-0
247	0.00	0.000	0.188	0.3008	2.7452	.0000E+00	.3260E-01	0.7291	.2061E-01	.3377E-02	0.0001	.2139E-07	.5817E-0
248	0.01	0.000	0.162	0.2702	2.1806	.0000E+00	.3135E-01	0.7502	.2121E-01	.3453E-02	0.0003	.4367E-07	.7834E-0
249	0.00	0.000	0.215	0.2294	1.6489	.0000E+00	.3018E-01	0.7665	.2167E-01	.3510E-02	0.0003	.4500E-07	.7978E-0
250	0.00	0.000	0.203	0.1907	0.9558	.0000E+00	.2865E-01	0.7780	.2200E-01	.3551E-02	0.0003	.4861E-07	.1049E-0
251	0.00	0.000	0.196	0.1546	0.3408	.0000E+00	.2064E-01	0.7781	.2200E-01	.3551E-02	0.0003	.5884E-07	.9196E-0
252	0.00	0.000	0.117	0.1350	0.0000	.0000E+00	.0000E+00	0.7448	.2106E-01	.3433E-02	0.0004	.8620E-07	.1112E-0
253	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6810	.1926E-01	.3205E-02	0.0005	.1376E-06	.1403E-0
254	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6225	.1760E-01	.2991E-02	0.0005	.1941E-06	.1664E-0
255	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5689	.1609E-01	.2791E-02	0.0006	.2529E-06	.1898E-0
256	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5198	.1470E-01	.2604E-02	0.0003	.1559E-06	.1579E-0
257	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4748	.1342E-01	.2429E-02	0.0007	.3480E-06	.2246E-0
258	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4335	.1226E-01	.2266E-02	0.0008	.4032E-06	.2414E-0
259	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3957	.1119E-01	.2113E-02	0.0008	.4549E-06	.2562E-0
260	0.63	0.000	0.098	0.2237	0.0000	.0000E+00	.0000E+00	0.3611	.1021E-01	.1970E-02	0.0009	.5026E-06	.2690E-0
261	0.00	0.000	0.102	0.2067	0.0000	.0000E+00	.0000E+00	0.3295	.9315E-02	.1836E-02	0.0009	.5458E-06	.2801E-0
262	0.02	0.000	0.087	0.1956	0.0000	.0000E+00	.0000E+00	0.3004	.8495E-02	.1711E-02	0.0009	.5842E-06	.2896E-0
263	0.00	0.000	0.085	0.1814	0.0000	.0000E+00	.0000E+00	0.2739	.7745E-02	.1594E-02	0.0010	.6178E-06	.2976E-0
264	0.00	0.000	0.069	0.1700	0.0000	.0000E+00	.0000E+00	0.2496	.7058E-02	.1485E-02	0.0010	.6466E-06	.3043E-0
265	0.00	0.000	0.058	0.1603	0.0000	.0000E+00	.0000E+00	0.2274	.6430E-02	.1383E-02	0.0010	.6709E-06	.3099E-0
266	0.02	0.000	0.054	0.1546	0.0000	.0000E+00	.0000E+00	0.2071	.5855E-02	.1288E-02	0.0010	.6878E-06	.3926E-0
267	0.00	0.000	0.079	0.1415	0.0000	.0000E+00	.0000E+00	0.1885	.5330E-02	.1199E-02	0.0005	.3609E-06	.2395E-0
268	0.00	0.000	0.033	0.1360	0.0000	.0000E+00	.0000E+00	0.1715	.4850E-02	.1115E-02	0.0011	.7187E-06	.3204E-0
269	0.00	0.000	0.006	0.1350	0.0000	.0000E+00	.0000E+00	0.1560	.4412E-02	.1038E-02	0.0011	.7272E-06	.3222E-0
270	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1419	.4011E-02	.9649E-03	0.0011	.7326E-06	.3233E-0
271	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1289	.3646E-02	.8971E-03	0.0011	.7350E-06	.3238E-0
272	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1171	.3312E-02	.8338E-03	0.0011	.7349E-06	.3237E-0
273	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1064	.3007E-02	.7747E-03	0.0011	.7325E-06	.3231E-0
274	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0965	.2730E-02	.7196E-03	0.0011	.7281E-06	.4019E-0
275	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0876	.2476E-02	.6681E-03	0.0011	.7232E-06	.3203E-0
276	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0794	.2245E-02	.6201E-03	0.0011	.7149E-06	.3184E-0
277	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0720	.2035E-02	.5754E-03	0.0010	.7053E-06	.3163E-0
278	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0652	.1843E-02	.5336E-03	0.0005	.3510E-06	.2361E-0
279	0.03	0.000	0.023	0.1362	0.0000	.0000E+00	.0000E+00	0.0590	.1669E-02	.4947E-03	0.0010	.6839E-06	.3120E-0
280	0.11	0.000	0.037	0.1484	0.0000	.0000E+00	.0000E+00	0.0534	.1510E-02	.4585E-03	0.0010	.6721E-06	.3092E-0
281	0.11	0.000	0.047	0.1590	0.0000	.0000E+00	.0000E+00	0.0483	.1366E-02	.4247E-03	0.0010	.6595E-06	.3063E-0
282	0.01	0.000	0.021	0.1572	0.0000	.0000E+00	.0000E+00	0.0437	.1234E-02	.3932E-03	0.0010	.6465E-06	.3032E-0
283	0.00	0.000	0.018	0.1542	0.0000	.0000E+00	.0000E+00	0.0394	.1115E-02	.3640E-03	0.0010	.6331E-06	.3001E-0
284	0.25	0.000	0.053	0.1870	0.0000	.0000E+00	.0000E+00	0.0356	.1006E-02	.3367E-03	0.0010	.6194E-06	.2968E-0
285	0.33	0.000	0.056	0.2326	0.0000	.0000E+00	.0000E+00	0.0321	.9079E-03	.3113E-03	0.0010	.6055E-06	.2934E-0
286	0.00	0.000	0.023	0.2289	0.0000	.0000E+00	.0000E+00	0.0289	.8185E-03	.2877E-03	0.0010	.5915E-06	.2900E-0
287	0.00	0.000	0.023	0.2250	0.0000	.0000E+00	.0000E+00	0.0261	.7374E-03	.2658E-03	0.0009	.5774E-06	.2865E-0
288	0.00	0.000	0.023	0.2212	0.0000	.0000E+00	.0000E+00	0.0235	.6639E-03	.2454E-03	0.0009	.5633E-06	.2830E-0
289	0.00	0.000	0.022	0.2175	0.0000	.0000E+00	.0000E+00	0.0211	.5973E-03	.2264E-03	0.0009	.5493E-06	.2794E-0
290	0.00	0.000	0.021	0.2140	0.0000	.0000E+00	.0000E+00	0.0190	.5369E-03	.2088E-03	0.0009	.5354E-06	.2758E-0
291	0.00	0.000	0.020	0.2107	0.0000	.0000E+00	.0000E+00	0.0171	.4823E-03	.1924E-03	0.0009	.5217E-06	.2723E-0
292	0.00	0.000	0.019	0.2075	0.0000	.0000E+00	.0000E+00	0.0153	.4329E-03	.1773E-03	0.0009	.5081E-06	.2687E-0
293	0.00	0.000	0.019	0.2044	0.0000	.0000E+00	.0000E+00	0.0137	.3882E-03	.1632E-03	0.0009	.4947E-06	.2651E-0
294	0.00	0.000	0.018	0.2014	0.0000	.0000E+00	.0000E+00	0.0123	.3479E-03	.1501E-03	0.0009	.4816E-06	.2616E-0
295	0.00	0.000	0.018	0.1984	0.0000	.0000E+00	.0000E+00	0.0110	.3114E-03	.1380E-03	0.0009	.4687E-06	.3219E-0
296	0.60	0.000	0.053	0.2895	0.0000	.0000E+00	.0000E+00	0.0099	.2786E-03	.1268E-03	0.0008	.4535E-06	.2537E-0
297	0.00	0.000	0.043	0.2824	0.0000	.0000E+00	.0000E+00	0.0088	.2489E-03	.1164E-03	0.0008	.4412E-06	.2502E-0
298	0.00	0.000	0.048	0.2744	0.0000	.0000E+00	.0000E+00	0.0079	.2222E-03	.1068E-03	0.0004	.2146E-06	.1855E-0
299	0.00	0.000	0.037	0.2653	0.0108	.0000E+00	.1802E-01	0.0249	.7032E-03	.2491E-03	0.0008	.3872E-06	.2898E-0
300	0.00	0.000	0.035	0.2595	0.0000	.0000E+00	.0000E+00	0.0512	.1449E-02	.4443E-03	0.0007	.2981E-06	.2057E-0
301	0.00	0.000	0.057	0.2500	0.0000	.0000E+00	.0000E+00	0.0463	.1310E-02	.4115E-03	0.0007	.2992E-06	.2061E-0
302	0.00	0.000	0.054	0.2410	0.0000	.0000E+00	.0000E+00	0.0419	.1184E-02	.3809E-03	0.0007	.2995E-06	.2062E-0
303	0.67	0.000	0.062	0.3422	0.0000	.0000E+00	.0000E+00	0.0378	.1069E-02	.3525E-03	0.0003	.1496E-06	.1549E-0
304	0.00	0.000	0.068	0.3260	1.0752	.0000E+00	.2891E-01	0.0628	.1776E-02	.5136E-03	0.0006	.2652E-06	.1920E-0
305	0.88	0.047	0.061	0.4497	1.9732	.0000E+00	.3089E-01	0.1339	.3786E-02	.9216E-03	0.0005	.1826E-06	.1554E-0
306	0.39	0.007	0.065	0.4965	5.0113	.0000E+00	.3761E-01	0.2086	.5899E-02	.1294E-02	0.0004	.1046E-06	.1167E-0
307	0.00	0.000	0.050	0.4816	5.7247	.0000E+00	.3919E-01	0.2893	.8180E-02	.1662E-02	0.0003	.5201E-07	.9859E-0
308	0.00	0.000	0.048	0.4671	5.3350	.0000E+00	.3833E-01	0.3648	.1031E-01	.1985E-02	0.0001	.1204E-07	.4156E-0
309	0.00	0.000	0.049	0.4528	4.9680	.0000E+00	.3752E-01	0.4317	.1221E-01	.2258E-02	0.0001	.2075E-08	.1739E-0
310	0.00	0.000	0.038	0.4403	4.6707	.0000E+00	.3686E-01	0.4910	.1388E-01	.2492E-02	0.0000	.0000E+00	.0000E+0
311	0.45	0.012	0.053	0.4982	4.8839	.0000E+00	.3733E-01	0.5448	.1540E-01	.2699E-02	0.0000	.0000E+00	.0000E+0
312	0.71	0.604	0.050	0.5010	5.9810	.0000E+00	.3976E-01	0.5972	.1689E-01	.2897E-02	0.0000	.0000E+00	.0000E+0
313	0.16	0.140	0.053	0.4888	5.8743	.0000E+00	.3952E-01	0.6490	.1835E-01	.3088E-02	0.0000	.0000E+00	.0000E+0

314		0.00	0.000	0.046	0.4746	5.5291	.0000E+00	.3876E-01	0.6953	.1966E-01	.3256E-02	0.0000	.0000E+00	.0000E+0
315		0.00	0.000	0.055	0.4592	5.1426	.0000E+00	.3790E-01	0.7357	.2080E-01	.3401E-02	0.0000	.0000E+00	.0000E+0
316		0.00	0.000	0.046	0.4453	4.7994	.0000E+00	.3714E-01	0.7706	.2179E-01	.3525E-02	0.0000	.0000E+00	.0000E+0
317		0.00	0.000	0.051	0.4307	4.5008	.0000E+00	.3648E-01	0.8007	.2264E-01	.3630E-02	0.0000	.0000E+00	.0000E+0
318		0.40	0.002	0.057	0.4815	4.5474	.0000E+00	.3659E-01	0.8274	.2340E-01	.3723E-02	0.0000	.0000E+00	.0000E+0
319		0.08	0.000	0.061	0.4783	5.4542	.0000E+00	.3859E-01	0.8541	.2415E-01	.3815E-02	0.0000	.0000E+00	.0000E+0
320		0.11	0.000	0.061	0.4800	5.4101	.0000E+00	.3849E-01	0.8816	.2493E-01	.3910E-02	0.0000	.0000E+00	.0000E+0
321		0.00	0.000	0.051	0.4652	5.2849	.0000E+00	.3822E-01	0.9065	.2563E-01	.3995E-02	0.0000	.0000E+00	.0000E+0
322		0.00	0.000	0.057	0.4495	4.9030	.0000E+00	.3737E-01	0.9280	.2624E-01	.4068E-02	0.0000	.0000E+00	.0000E+0
323		0.00	0.000	0.051	0.4349	4.5803	.0000E+00	.3666E-01	0.9457	.2674E-01	.4128E-02	0.0000	.0000E+00	.0000E+0
324		0.00	0.000	0.045	0.4214	4.2815	.0000E+00	.3600E-01	0.9601	.2715E-01	.4176E-02	0.0000	.0000E+00	.0000E+0
325		0.05	0.000	0.058	0.4141	4.0132	.0000E+00	.3541E-01	0.9717	.2748E-01	.4215E-02	0.0000	.0000E+00	.0000E+0
326		0.00	0.000	0.045	0.4008	3.8114	.0000E+00	.3496E-01	0.9809	.2774E-01	.4246E-02	0.0000	.0000E+00	.0000E+0
327		0.00	0.000	0.047	0.3872	3.5825	.0000E+00	.3445E-01	0.9882	.2794E-01	.4270E-02	0.0000	.0000E+00	.0000E+0
328		0.11	0.000	0.056	0.3906	3.3577	.0000E+00	.3396E-01	0.9935	.2809E-01	.4288E-02	0.0000	.0000E+00	.0000E+0
329		0.00	0.000	0.041	0.3782	3.1411	.0000E+00	.3348E-01	0.9971	.2819E-01	.4300E-02	0.0000	.0000E+00	.0000E+0
330		0.00	0.000	0.045	0.3653	2.9848	.0000E+00	.3313E-01	0.9994	.2826E-01	.4308E-02	0.0000	.0000E+00	.0000E+0
331		0.00	0.000	0.040	0.3532	2.8746	.0000E+00	.3289E-01	1.0006	.2829E-01	.4312E-02	0.0000	.0000E+00	.0000E+0
332		0.00	0.000	0.044	0.3405	2.7311	.0000E+00	.3257E-01	1.0010	.2830E-01	.4313E-02	0.0000	.2798E-09	.6333E-0
333		0.16	0.000	0.052	0.3531	2.5710	.0000E+00	.3222E-01	1.0005	.2829E-01	.4312E-02	0.0001	.2342E-08	.1879E-0
334	*	0.00	0.000	0.030	0.3428	2.3974	.0000E+00	.3183E-01	0.9992	.2825E-01	.4307E-02	0.0001	.6668E-08	.3146E-0
335	*	0.00	0.000	0.027	0.3330	2.2366	.0000E+00	.3148E-01	0.9969	.2819E-01	.4299E-02	0.0001	.1334E-07	.4430E-0
336	*	0.00	0.000	0.000	0.3278	2.0787	.0000E+00	.3113E-01	0.9939	.2810E-01	.4290E-02	0.0002	.2240E-07	.5723E-0
337		0.00	0.000	0.033	0.3172	1.9336	.0000E+00	.3081E-01	0.9903	.2800E-01	.4277E-02	0.0002	.3384E-07	.7019E-0
338		0.00	0.000	0.035	0.3063	1.7835	.0000E+00	.3048E-01	0.9862	.2788E-01	.4264E-02	0.0003	.4934E-07	.1058E-0
339		0.12	0.000	0.049	0.3131	1.6295	.0000E+00	.3013E-01	0.9815	.2775E-01	.4248E-02	0.0003	.6819E-07	.9914E-0
340	*	0.01	0.000	0.038	0.3035	1.4782	.0000E+00	.2980E-01	0.9763	.2760E-01	.4231E-02	0.0004	.8695E-07	.1119E-0
341	*	0.00	0.000	0.027	0.2940	1.3302	.0000E+00	.2947E-01	0.9707	.2745E-01	.4212E-02	0.0004	.1077E-06	.1244E-0
342		0.00	0.000	0.032	0.2838	1.1831	.0000E+00	.2915E-01	0.9646	.2728E-01	.4191E-02	0.0002	.6513E-07	.1016E-0
343		0.00	0.000	0.033	0.2735	1.0125	.0000E+00	.2877E-01	0.9582	.2709E-01	.4170E-02	0.0005	.1479E-06	.1459E-0
344	*	0.00	0.000	0.028	0.2642	0.9212	.0000E+00	.2857E-01	0.9515	.2691E-01	.4147E-02	0.0005	.1732E-06	.1578E-0
345	*	0.00	0.000	0.028	0.2547	0.8277	.0000E+00	.2836E-01	0.9449	.2672E-01	.4125E-02	0.0006	.1997E-06	.1694E-0
346		0.00	0.000	0.033	0.2446	0.7139	.0000E+00	.2811E-01	0.9382	.2653E-01	.4102E-02	0.0006	.2300E-06	.2272E-0
347	*	0.00	0.000	0.029	0.2352	0.5803	.0000E+00	.2781E-01	0.9313	.2633E-01	.4079E-02	0.0006	.2634E-06	.1941E-0
348		0.00	0.000	0.031	0.2254	0.4482	.0000E+00	.2752E-01	0.9243	.2613E-01	.4055E-02	0.0007	.2926E-06	.2045E-0
349		0.00	0.000	0.038	0.2146	0.3169	.0000E+00	.2723E-01	0.9170	.2593E-01	.4031E-02	0.0007	.3223E-06	.2146E-0
350		0.00	0.000	0.032	0.2047	0.1866	.0000E+00	.2694E-01	0.9096	.2572E-01	.4006E-02	0.0004	.1734E-06	.1676E-0
351		0.00	0.000	0.038	0.1948	0.0578	.0000E+00	.2181E-01	0.8973	.2537E-01	.3964E-02	0.0008	.3773E-06	.2326E-0
352		0.00	0.000	0.036	0.1888	0.0000	.0000E+00	.0000E+00	0.8560	.2420E-01	.3822E-02	0.0008	.4335E-06	.2504E-0
353	*	0.00	0.000	0.028	0.1842	0.0000	.0000E+00	.0000E+00	0.7831	.2214E-01	.3568E-02	0.0009	.5288E-06	.3489E-0
354	*	0.00	0.000	0.025	0.1800	0.0000	.0000E+00	.0000E+00	0.7161	.2025E-01	.3331E-02	0.0010	.6766E-06	.3103E-0
355	*	0.00	0.000	0.028	0.1754	0.0000	.0000E+00	.0000E+00	0.6548	.1851E-01	.3109E-02	0.0011	.7775E-06	.3325E-0
356	*	0.09	0.000	0.031	0.1786	0.0000	.0000E+00	.0000E+00	0.5985	.1692E-01	.2902E-02	0.0012	.8696E-06	.3515E-0
357	*	0.46	0.000	0.034	0.1819	0.0000	.0000E+00	.0000E+00	0.5469	.1546E-01	.2707E-02	0.0006	.4785E-06	.2762E-0
358	*	0.00	0.000	0.034	0.1852	0.0000	.0000E+00	.0000E+00	0.4996	.1413E-01	.2526E-02	0.0012	.9944E-06	.3780E-0
359	*	0.00	0.000	0.036	0.1885	0.0000	.0000E+00	.0000E+00	0.4563	.1290E-01	.2356E-02	0.0013	.1055E-05	.4873E-0
360	*	0.16	0.000	0.026	0.1918	0.0000	.0000E+00	.0000E+00	0.4166	.1178E-01	.2197E-02	0.0013	.1137E-05	.4016E-0
361	* *	0.00	0.000	0.033	0.1918	0.0000	.0000E+00	.0000E+00	0.3802	.1075E-01	.2049E-02	0.0014	.1178E-05	.4088E-0
362	*	0.00	0.000	0.034	0.1971	0.0000	.0000E+00	.0000E+00	0.3469	.9809E-02	.1910E-02	0.0014	.1211E-05	.4144E-0
363	* *	0.00	0.000	0.030	0.1971	0.0000	.0000E+00	.0000E+00	0.3164	.8947E-02	.1780E-02	0.0014	.1234E-05	.4184E-0
364	* *	0.00	0.000	0.022	0.1971	0.0000	.0000E+00	.0000E+00	0.2885	.8158E-02	.1659E-02	0.0014	.1251E-05	.4211E-0
365	* *	0.00	0.000	0.034	0.1971	0.0000	.0000E+00	.0000E+00	0.2630	.7436E-02	.1546E-02	0.0014	.1260E-05	.4227E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 22

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	5.67	3.32	2.11	3.30	2.18	3.79
	6.98	9.59	0.68	2.11	3.50	0.84
RUNOFF	3.166	2.377	0.951	0.098	0.038	0.210
	0.240	2.079	0.000	0.000	0.811	0.000
EVAPOTRANSPIRATION	1.294	0.628	2.333	2.142	2.037	4.118
	5.925	5.396	2.360	0.916	1.504	0.960
PERCOLATION/LEAKAGE THROUGH	1.1157	0.2531	0.7459	0.2633	0.0840	0.2774
LAYER 2	0.5858	0.4188	0.2486	0.0469	1.0841	0.4876
LATERAL DRAINAGE COLLECTED	0.9883	0.5208	0.4629	0.3122	0.1377	0.2513
FROM LAYER 3	0.4065	0.2911	0.3734	0.0337	0.6489	0.6604
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1466	0.0853	0.0790	0.0591	0.0309	0.0505
LAYER 4	0.0719	0.0567	0.0668	0.0107	0.1038	0.1062
LATERAL DRAINAGE COLLECTED	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1398	0.1484	0.0891	0.0968	0.0912	0.0465
LAYER 7	0.0331	0.0639	0.0651	0.0846	0.0049	0.0765

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	4.278	0.324	2.341	0.270	0.111	0.275
TOP OF LAYER 2	1.175	1.272	0.649	0.035	4.344	0.604
STD. DEVIATION OF DAILY	0.811	0.874	2.060	0.456	0.393	0.448
HEAD ON TOP OF LAYER 2	1.296	1.854	1.300	0.193	1.139	0.746
AVERAGE DAILY HEAD ON	1.128	0.658	0.528	0.368	0.157	0.296
TOP OF LAYER 4	0.464	0.332	0.440	0.038	0.765	0.753
STD. DEVIATION OF DAILY	0.019	0.340	0.295	0.152	0.116	0.079
HEAD ON TOP OF LAYER 4	0.239	0.110	0.242	0.024	0.265	0.259
AVERAGE DAILY HEAD ON	0.001	0.002	0.001	0.001	0.001	0.000
TOP OF LAYER 7	0.000	0.001	0.001	0.001	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 22

	INCHES	CU. FEET	PERCENT
PRECIPITATION	44.07	399935.219	100.00
RUNOFF	9.970	90479.437	22.62
EVAPOTRANSPIRATION	29.615	268752.969	67.20
PERC./LEAKAGE THROUGH LAYER 2	5.611230	50921.914	12.73
AVG. HEAD ON TOP OF LAYER 2	1.3065		
DRAINAGE COLLECTED FROM LAYER 3	5.0872	46166.480	11.54
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.867271	7870.488	1.97
AVG. HEAD ON TOP OF LAYER 4	0.4940		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.974	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.939826	8528.919	2.13
AVG. HEAD ON TOP OF LAYER 7	0.0008		
CHANGE IN WATER STORAGE	-1.542	-13994.319	-3.50
SOIL WATER AT START OF YEAR	285.585	2591684.000	
SOIL WATER AT END OF YEAR	283.777	2575277.250	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.266	2412.577	0.60
ANNUAL WATER BUDGET BALANCE	0.0000	-0.237	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 23

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1	*	*	0.00	0.000	0.030	0.1971	0.0000	.0000E+00	.0000E+00	0.2396	.6776E-02	.1440E-02	0.0014	.1263E-05	.4232E-0
2	*	*	0.00	0.000	0.026	0.1971	0.0000	.0000E+00	.0000E+00	0.2183	.6172E-02	.1340E-02	0.0014	.1261E-05	.4227E-0

3	*	*	0.00	0.000	0.030	0.1971	0.0000	.0000E+00	.0000E+00	0.1987	.5619E-02	.1248E-02	0.0014	.1253E-05	.4215E-0
4		*	0.00	0.015	0.030	0.2196	0.0000	.0000E+00	.0000E+00	0.1809	.5115E-02	.1161E-02	0.0014	.1242E-05	.4196E-0
5		*	1.16	0.814	0.011	0.2754	0.0000	.0000E+00	.0000E+00	0.1646	.4653E-02	.1081E-02	0.0007	.6137E-06	.3139E-0
6	*	*	0.00	0.000	0.000	0.2754	0.0000	.0000E+00	.0000E+00	0.1497	.4232E-02	.1005E-02	0.0014	.1209E-05	.4149E-0
7	*	*	0.00	0.000	0.000	0.2754	0.0000	.0000E+00	.0000E+00	0.1361	.3847E-02	.9346E-03	0.0014	.1189E-05	.4115E-0
8		*	0.00	0.000	0.000	0.2754	0.0000	.0000E+00	.0000E+00	0.1236	.3496E-02	.8688E-03	0.0013	.1168E-05	.4078E-0
9	*	*	0.82	0.000	0.041	0.2754	0.0000	.0000E+00	.0000E+00	0.1123	.3175E-02	.8074E-03	0.0013	.1145E-05	.4037E-0
10	*	*	0.24	0.000	0.034	0.2754	0.0000	.0000E+00	.0000E+00	0.1019	.2882E-02	.7501E-03	0.0013	.1121E-05	.3993E-0
11	*	*	0.00	0.000	0.037	0.2754	0.0000	.0000E+00	.0000E+00	0.0925	.2616E-02	.6966E-03	0.0013	.1095E-05	.3947E-0
12		*	0.00	0.048	0.026	0.2916	0.0000	.0000E+00	.0000E+00	0.0839	.2372E-02	.6467E-03	0.0013	.1069E-05	.4861E-0
13	*	*	0.00	0.000	0.038	0.2916	0.0000	.0000E+00	.0000E+00	0.0761	.2151E-02	.6001E-03	0.0013	.1038E-05	.3837E-0
14		*	0.05	0.102	0.000	0.3126	0.0000	.0000E+00	.0000E+00	0.0689	.1949E-02	.5567E-03	0.0013	.1011E-05	.3785E-0
15		*	0.00	0.112	0.016	0.3299	0.0000	.0000E+00	.0000E+00	0.0624	.1765E-02	.5162E-03	0.0012	.9830E-06	.3733E-0
16	*	*	0.00	0.000	0.040	0.3299	0.0000	.0000E+00	.0000E+00	0.0565	.1597E-02	.4785E-03	0.0012	.9554E-06	.3680E-0
17	*	*	0.96	0.000	0.039	0.3299	0.0000	.0000E+00	.0000E+00	0.0511	.1445E-02	.4434E-03	0.0012	.9279E-06	.3627E-0
18		*	0.43	0.443	0.000	0.3513	0.0000	.0000E+00	.0000E+00	0.0462	.1306E-02	.4106E-03	0.0006	.4503E-06	.2688E-0
19		*	0.03	0.065	0.000	0.3635	0.0000	.0000E+00	.0000E+00	0.0418	.1181E-02	.3802E-03	0.0012	.8786E-06	.3533E-0
20		*	0.59	1.265	0.000	0.3793	0.0000	.0000E+00	.0000E+00	0.0377	.1066E-02	.3518E-03	0.0011	.8523E-06	.3480E-0
21		*	0.00	0.122	0.032	0.3853	0.0000	.0000E+00	.0000E+00	0.0340	.9621E-03	.3253E-03	0.0011	.8264E-06	.3427E-0
22		*	0.18	0.117	0.009	0.3943	0.0000	.0000E+00	.0000E+00	0.0307	.8677E-03	.3008E-03	0.0011	.8011E-06	.3374E-0
23	*	*	0.00	0.000	0.000	0.3943	0.0000	.0000E+00	.0000E+00	0.0277	.7820E-03	.2779E-03	0.0011	.7764E-06	.3321E-0
24	*	*	0.00	0.000	0.000	0.3943	0.0000	.0000E+00	.0000E+00	0.0249	.7043E-03	.2566E-03	0.0011	.7522E-06	.3269E-0
25	*	*	0.00	0.000	0.000	0.3943	0.0000	.0000E+00	.0000E+00	0.0224	.6339E-03	.2369E-03	0.0011	.7247E-06	.4012E-0
26		*	0.00	0.000	0.000	0.3943	0.0000	.0000E+00	.0000E+00	0.0202	.5701E-03	.2185E-03	0.0010	.7012E-06	.3154E-0
27		*	0.37	0.306	0.009	0.4035	0.0000	.0000E+00	.0000E+00	0.0181	.5123E-03	.2015E-03	0.0010	.6790E-06	.3103E-0
28	*	*	0.00	0.000	0.000	0.4035	0.0000	.0000E+00	.0000E+00	0.0163	.4601E-03	.1856E-03	0.0010	.6575E-06	.3054E-0
29	*	*	0.06	0.000	0.044	0.4035	0.0000	.0000E+00	.0000E+00	0.0146	.4128E-03	.1709E-03	0.0010	.6366E-06	.3005E-0
30		*	0.04	0.000	0.056	0.4035	0.0000	.0000E+00	.0000E+00	0.0131	.3700E-03	.1573E-03	0.0010	.6164E-06	.2957E-0
31		*	0.00	0.000	0.000	0.4035	0.0000	.0000E+00	.0000E+00	0.0117	.3315E-03	.1447E-03	0.0010	.5969E-06	.2910E-0
32		*	0.00	0.000	0.000	0.4035	0.0000	.0000E+00	.0000E+00	0.0105	.2966E-03	.1330E-03	0.0009	.5779E-06	.2863E-0
33		*	0.01	0.000	0.006	0.4042	0.0000	.0000E+00	.0000E+00	0.0094	.2652E-03	.1221E-03	0.0009	.5597E-06	.2818E-0
34		*	0.12	0.075	0.009	0.4103	0.0000	.0000E+00	.0000E+00	0.0084	.2369E-03	.1121E-03	0.0005	.2736E-06	.2085E-0
35		*	0.00	0.000	0.000	0.4103	0.0000	.0000E+00	.0000E+00	0.0075	.2114E-03	.1028E-03	0.0009	.5287E-06	.2740E-0
36		*	0.00	0.000	0.000	0.4103	0.0000	.0000E+00	.0000E+00	0.0067	.1884E-03	.9417E-04	0.0009	.5121E-06	.2697E-0
37		*	0.18	0.135	0.008	0.4165	0.0000	.0000E+00	.0000E+00	0.0059	.1678E-03	.8622E-04	0.0009	.4961E-06	.2654E-0
38		*	0.00	0.000	0.000	0.4165	0.0000	.0000E+00	.0000E+00	0.0053	.1492E-03	.7887E-04	0.0009	.4807E-06	.2613E-0
39		*	0.08	0.046	0.008	0.4207	0.0000	.0000E+00	.0000E+00	0.0047	.1326E-03	.7208E-04	0.0008	.4658E-06	.2572E-0
40			0.82	0.580	0.063	0.4458	3.2184	.0000E+00	.2701E-01	0.0309	.8749E-03	.2887E-03	0.0008	.4043E-06	.2367E-0
41			0.05	0.000	0.058	0.4384	4.3566	.0000E+00	.3616E-01	0.1071	.3028E-02	.7750E-03	0.0007	.2771E-06	.1916E-0
42			0.55	0.076	0.061	0.5010	4.9681	.0000E+00	.3752E-01	0.1925	.5444E-02	.1216E-02	0.0005	.1607E-06	.1783E-0
43			0.00	0.000	0.054	0.4855	5.8400	.0000E+00	.3944E-01	0.2747	.7766E-02	.1597E-02	0.0003	.6496E-07	.9620E-0
44	*		0.00	0.000	0.048	0.4711	5.4388	.0000E+00	.3856E-01	0.3520	.9954E-02	.1931E-02	0.0002	.2914E-07	.6453E-0
45	*		0.00	0.000	0.055	0.4556	5.0546	.0000E+00	.3771E-01	0.4206	.1189E-01	.2213E-02	0.0001	.1069E-07	.3919E-0
46	*		0.37	0.000	0.041	0.4527	4.7731	.0000E+00	.3709E-01	0.4814	.1361E-01	.2455E-02	0.0001	.2439E-08	.1887E-0
47			0.29	0.000	0.000	0.4964	5.0434	.0000E+00	.3768E-01	0.5367	.1517E-01	.2668E-02	0.0000	.3435E-10	.2157E-0
48	*		0.70	0.000	0.041	0.4931	5.8438	.0000E+00	.3945E-01	0.5901	.1668E-01	.2870E-02	0.0000	.0000E+00	.0000E+0
49			0.00	0.331	0.000	0.5010	5.9444	.0000E+00	.3968E-01	0.6421	.1815E-01	.3063E-02	0.0000	.0000E+00	.0000E+0
50			0.09	0.280	0.000	0.4977	5.9656	.0000E+00	.3972E-01	0.6902	.1951E-01	.3238E-02	0.0000	.0000E+00	.0000E+0
51			0.00	0.221	0.024	0.5010	5.9690	.0000E+00	.3973E-01	0.7343	.2076E-01	.3396E-02	0.0000	.0000E+00	.0000E+0
52			0.00	0.000	0.067	0.4841	5.8264	.0000E+00	.3941E-01	0.7746	.2190E-01	.3539E-02	0.0000	.0000E+00	.0000E+0
53			0.00	0.000	0.070	0.4661	5.3688	.0000E+00	.3840E-01	0.8099	.2290E-01	.3662E-02	0.0000	.0000E+00	.0000E+0
54			0.46	0.146	0.066	0.5010	5.5320	.0000E+00	.3876E-01	0.8411	.2378E-01	.3771E-02	0.0000	.0000E+00	.0000E+0
55	*		0.00	0.000	0.056	0.4852	5.8368	.0000E+00	.3944E-01	0.8710	.2463E-01	.3874E-02	0.0000	.0000E+00	.0000E+0
56			0.00	0.000	0.080	0.4654	5.3795	.0000E+00	.3843E-01	0.8984	.2540E-01	.3967E-02	0.0000	.0000E+00	.0000E+0
57			0.12	0.000	0.075	0.4667	4.9733	.0000E+00	.3753E-01	0.9211	.2604E-01	.4045E-02	0.0000	.0000E+00	.0000E+0
58			0.00	0.000	0.085	0.4463	4.9071	.0000E+00	.3738E-01	0.9403	.2659E-01	.4110E-02	0.0000	.0000E+00	.0000E+0
59			0.03	0.000	0.075	0.4327	4.6396	.0000E+00	.3679E-01	0.9571	.2706E-01	.4166E-02	0.0000	.0000E+00	.0000E+0
60			0.00	0.000	0.111	0.4082	4.3062	.0000E+00	.3605E-01	0.9709	.2745E-01	.4212E-02	0.0000	.0000E+00	.0000E+0
61			0.00	0.000	0.101	0.3855	3.9271	.0000E+00	.3521E-01	0.9815	.2775E-01	.4248E-02	0.0000	.0000E+00	.0000E+0
62			0.14	0.000	0.100	0.3864	3.5975	.0000E+00	.3449E-01	0.9891	.2797E-01	.4273E-02	0.0000	.0000E+00	.0000E+0
63			0.43	0.000	0.102	0.4354	3.4831	.0000E+00	.3423E-01	0.9947	.2813E-01	.4292E-02	0.0000	.0000E+00	.0000E+0
64			0.31	0.000	0.104	0.4637	4.3100	.0000E+00	.3606E-01	1.0013	.2831E-01	.4314E-02	0.0000	.0000E+00	.0000E+0
65			0.25	0.001	0.076	0.4863	5.1447	.0000E+00	.3791E-01	1.0120	.2862E-01	.4350E-02	0.0000	.0000E+00	.0000E+0
66			0.00	0.000	0.078	0.4668	5.3916	.0000E+00	.3845E-01	1.0255	.2900E-01	.4394E-02	0.0000	.1698E-09	.4866E-0
67	*		0.00	0.000	0.066	0.4496	4.9281	.0000E+00	.3743E-01	1.0376	.2934E-01	.4435E-02	0.0000	.1196E-08	.1347E-0
68			0.00	0.000	0.087	0.4290	4.5528	.0000E+00	.3660E-01	1.0463	.2958E-01	.4463E-02	0.0000	.1835E-08	.1653E-0
69			0.00	0.000	0.091	0.4079	4.1478	.0000E+00	.3570E-01	1.0521	.2975E-01	.4482E-02	0.0001	.7033E-08	.3212E-0
70			0.00	0.000	0.099	0.3855	3.8022	.0000E+00	.3494E-01	1.0551	.2983E-01	.4492E-02	0.0001	.1325E-07	.4402E-0
71			0.00	0.000	0.108	0.3617	3.4871	.0000E+00	.3424E-01	1.0560	.2986E-01	.4495E-02	0.0002	.2199E-07	.5662E-0
72			0.00	0.000	0.089	0.3414	3.1635	.0000E+00	.3353E-01	1.0550	.2983E-01	.4492E-02	0.0002	.3344E-07	.6974E-0
73			0.40	0.000	0.083	0.3887	2.8786	.0000E+00	.3290E-01	1.0523	.2976E-01	.4483E-02	0.0003	.4967E-07	.1061E-0
74			0.00	0.000	0.106	0.3656	2.7232	.0000E+00	.3255E-01	1.0485	.2965E-01	.4471E-02	0.0003	.6974E-07	.1003E-0
75			0.00	0.000	0.074	0.3480	2.5640	.0000E+00	.3220E-01	1.0441	.2952E-01	.4456E-02	0.0002	.4503E-07	.8433E-0
76			0.26	0.000	0.069	0.3745	2.3766	.0000E+00	.3179E-01	1.0390	.2938E-01	.4439E-02	0.0004	.1067E-06	.1241E-0
77			0.00	0.000	0.081	0.3556	2.5351	.0000E+00	.3214E-01	1.0341	.2924E-01	.4423E-02	0.0004	.1308E-06	.1735E-0
78			0.32	0.000	0.085	0.3895	2.4005	.0000E+00	.3184E-01	1.0298	.2912E-01	.4409E-02	0.0005	.1634E-06	.1531E-0
79			0.19	0.000	0.089	0.4009	2.9289	.0000E+00	.3301E-01	1.0266	.2903E-01	.4398E-02	0.0005	.1898E-06	.1650E-0
80			0.00	0.000	0.109	0.3772	2.9195	.0000E+00	.3299E-01	1.0255	.2900E-01	.4394E-02	0.0006	.2158E-06	.1758E-0
81			0.00	0.000	0.094	0.3561	2.7993	.0000E+00	.3272E-01	1.0242	.2896E-01	.4390E-02	0.0003	.1214E-06	.1389E-0
82			0.00	0.000	0.100	0.3341	2.5708	.0000E+00	.3222E-01	1.0220	.2890E-01	.4383E-02	0.0006	.2640E-06	.2447E-0
83			0.00	0.000	0.130	0.3072	2.3323	.0000E+00	.3169E-01	1.0187	.2881E-01	.4372E-02	0.0007	.3018E-06	.2078E-0
84			0.00	0.000	0.122	0.2818	2.0679	.0000E+00	.3110E-01	1.0143	.2868E-01	.4357E-02	0.0007	.3338E-06	.2184E-0
85			0.00	0.000	0.143	0.2529	1.8614	.0000E+00	.3065E-01	1.0088	.2852E-01	.4339E-02	0.0008	.3672E-06	.2291E-0
86			0.00	0.000	0.100	0.2313	1.5824	.0000E+00	.3003E-01	1.0024	.2834E-01	.4318E-02	0.0004	.2009E-06	.1789E-0
87			0.02	0.000	0.087	0.2153	1.1178	.0000E+00	.2900E-01	0.9945	.2812E-01	.4292E-02	0.0008	.4313E-06	.3107E-0
88			0.00	0.000	0.127	0.1894	0.8713	.0000E+00	.2846E-01	0.9851	.2785E-01	.4260E-02	0.0009	.4760E-06	.2606E-0
89			0.00	0.000	0.130	0.1630	0.5171	.0000E+00	.2768E-01	0.9748	.2756E-01	.4226E-02	0.0009	.5147E-06	.2710E-0
90			0.00	0.000	0.114	0.1440	0.0211	.0000E+00	.0000E+00	0.9366	.2648E-01	.4097E-02	0.0010	.5891E-06	.2898E-0
91			0.02	0.000	0.067	0.1362	0.0000	.0000E+00	.0000E+00	0.8570	.2423E-01	.3825E-02	0.0011	.7233E-06	.3209E-0
92			0.30	0.000	0.038	0.1798	0.0000	.0000E+00	.0000E+00	0.7839	.2217E-01	.3571E-02	0.0011	.8506E-06	.3478E-0
93			0.00	0.000	0.075	0.1674	0.0000	.0000E+00	.0000E+00	0.7169	.2027E-01	.3334E-02	0.0012	.9680E-06	.3709E-0
94			0.00	0.000	0.052	0.1586	0.0000	.0000E+00	.0000E+00	0.6555	.1853E-01	.3112E-02	0.0013	.1074E-05	.3905E-0
95			0.00	0.000	0.046	0.1509	0.0000	.0000E+00	.0000E+00	0.5992	.1694E-01	.2904E-02	0.0013	.1167E-05	.4070E-0
96			0.00	0.000	0.041	0.1441	0.0000	.0000E+00	.0000E+00	0.5475	.1548E-01	.2710E-02	0.0014	.1246E-05	.4206E-0
97			0.00	0.000	0.039	0.1375	0.0000	.0000E+00	.0000E+00	0.5002	.1414E-01	.2528E-02	0.0007	.6564E-06	.3245E-0
98			0.00	0.000	0.012	0.1355	0.0000	.0000E+00	.0000E+00	0.4568	.1292E-01	.2358E-02	0.0014	.1341E-05	.4383E-0

99	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.4170	.1179E-01	.2199E-02	0.0015	.1387E-05	.4455E-0
100	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.3806	.1076E-01	.2051E-02	0.0015	.1422E-05	.4508E-0
101	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3473	.9820E-02	.1912E-02	0.0015	.1446E-05	.4545E-0
102	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3168	.8957E-02	.1782E-02	0.0015	.1461E-05	.4568E-0
103	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2889	.8167E-02	.1660E-02	0.0015	.1469E-05	.4578E-0
104	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2633	.7445E-02	.1547E-02	0.0015	.1468E-05	.4577E-0
105	0.01	0.000	0.007	0.1355	0.0000	.0000E+00	.0000E+00	0.2399	.6784E-02	.1441E-02	0.0015	.1452E-05	.5695E-0
106	0.29	0.000	0.017	0.1810	0.0000	.0000E+00	.0000E+00	0.2185	.6179E-02	.1342E-02	0.0015	.1455E-05	.4541E-0
107	0.08	0.000	0.023	0.1904	0.0000	.0000E+00	.0000E+00	0.1990	.5626E-02	.1249E-02	0.0007	.7182E-06	.3396E-0
108	0.08	0.000	0.026	0.1994	0.0000	.0000E+00	.0000E+00	0.1811	.5121E-02	.1162E-02	0.0015	.1413E-05	.4486E-0
109	0.10	0.000	0.026	0.2117	0.0000	.0000E+00	.0000E+00	0.1648	.4659E-02	.1082E-02	0.0015	.1390E-05	.4448E-0
110	0.68	0.009	0.025	0.3193	0.0000	.0000E+00	.0000E+00	0.1498	.4237E-02	.1006E-02	0.0015	.1363E-05	.5493E-0
111	0.00	0.000	0.167	0.2870	0.1927	.0000E+00	.2696E-01	0.1630	.4609E-02	.1072E-02	0.0014	.1253E-05	.4215E-0
112	0.18	0.000	0.145	0.2882	0.3227	.0000E+00	.2725E-01	0.2186	.6181E-02	.1341E-02	0.0013	.1045E-05	.3849E-0
113	0.00	0.000	0.145	0.2595	0.2673	.0000E+00	.2712E-01	0.2698	.7627E-02	.1576E-02	0.0012	.8831E-06	.3540E-0
114	0.00	0.000	0.155	0.2291	0.1210	.0000E+00	.2680E-01	0.3160	.8936E-02	.1778E-02	0.0011	.7576E-06	.3279E-0
115	0.00	0.000	0.196	0.1956	0.0074	.0000E+00	.4867E-02	0.3361	.9503E-02	.1864E-02	0.0010	.6978E-06	.3148E-0
116	0.00	0.000	0.169	0.1674	0.0000	.0000E+00	.0000E+00	0.3143	.8888E-02	.1771E-02	0.0011	.7196E-06	.3196E-0
117	0.22	0.000	0.089	0.1892	0.0000	.0000E+00	.0000E+00	0.2866	.8104E-02	.1651E-02	0.0011	.7522E-06	.3268E-0
118	0.35	0.000	0.070	0.2358	0.0000	.0000E+00	.0000E+00	0.2612	.7387E-02	.1538E-02	0.0005	.3896E-06	.2500E-0
119	0.00	0.000	0.161	0.2090	0.0000	.0000E+00	.0000E+00	0.2380	.6731E-02	.1432E-02	0.0011	.7897E-06	.3361E-0
120	0.00	0.000	0.203	0.1752	0.0000	.0000E+00	.0000E+00	0.2168	.6130E-02	.1334E-02	0.0011	.8082E-06	.3399E-0
121	0.00	0.000	0.159	0.1487	0.0000	.0000E+00	.0000E+00	0.1974	.5582E-02	.1241E-02	0.0011	.8221E-06	.3427E-0
122	0.02	0.000	0.087	0.1376	0.0000	.0000E+00	.0000E+00	0.1797	.5080E-02	.1155E-02	0.0011	.8318E-06	.4302E-0
123	0.00	0.000	0.013	0.1355	0.0000	.0000E+00	.0000E+00	0.1635	.4622E-02	.1075E-02	0.0011	.8437E-06	.3459E-0
124	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.1487	.4203E-02	.9999E-03	0.0011	.8450E-06	.3462E-0
125	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1351	.3821E-02	.9298E-03	0.0006	.4216E-06	.2601E-0
126	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1228	.3472E-02	.8643E-03	0.0011	.8361E-06	.3452E-0
127	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1115	.3153E-02	.8032E-03	0.0011	.8304E-06	.3439E-0
128	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1012	.2863E-02	.7461E-03	0.0011	.8226E-06	.3423E-0
129	0.63	0.000	0.030	0.2350	0.0000	.0000E+00	.0000E+00	0.0919	.2598E-02	.6929E-03	0.0011	.8130E-06	.3402E-0
130	0.43	0.000	0.037	0.3006	0.0000	.0000E+00	.0000E+00	0.0833	.2356E-02	.6432E-03	0.0011	.8019E-06	.3379E-0
131	0.07	0.000	0.206	0.2757	0.0569	.0000E+00	.1339E-01	0.0888	.2512E-02	.6749E-03	0.0011	.7671E-06	.3295E-0
132	0.00	0.000	0.240	0.2312	0.1576	.0000E+00	.2688E-01	0.1287	.3640E-02	.8947E-03	0.0010	.6709E-06	.3057E-0
133	0.00	0.000	0.192	0.1958	0.0655	.0000E+00	.2043E-01	0.1804	.5101E-02	.1159E-02	0.0009	.5474E-06	.3418E-0
134	0.00	0.000	0.069	0.1840	0.0027	.0000E+00	.1656E-02	0.1986	.5615E-02	.1247E-02	0.0008	.4585E-06	.2551E-0
135	0.20	0.000	0.072	0.2053	0.0000	.0000E+00	.0000E+00	0.1834	.5186E-02	.1174E-02	0.0009	.4725E-06	.2590E-0
136	0.00	0.000	0.059	0.1956	0.0000	.0000E+00	.0000E+00	0.1669	.4718E-02	.1092E-02	0.0009	.4887E-06	.2634E-0
137	0.11	0.000	0.056	0.2045	0.0000	.0000E+00	.0000E+00	0.1518	.4291E-02	.1016E-02	0.0009	.5021E-06	.2670E-0
138	0.00	0.000	0.047	0.1967	0.0000	.0000E+00	.0000E+00	0.1380	.3901E-02	.9447E-03	0.0009	.5129E-06	.2698E-0
139	0.00	0.000	0.045	0.1893	0.0000	.0000E+00	.0000E+00	0.1254	.3545E-02	.8782E-03	0.0009	.5214E-06	.2720E-0
140	0.00	0.000	0.043	0.1821	0.0000	.0000E+00	.0000E+00	0.1139	.3220E-02	.8161E-03	0.0009	.5275E-06	.2736E-0
141	0.00	0.000	0.040	0.1754	0.0000	.0000E+00	.0000E+00	0.1034	.2924E-02	.7582E-03	0.0009	.5316E-06	.2747E-0
142	0.00	0.000	0.033	0.1699	0.0000	.0000E+00	.0000E+00	0.0938	.2653E-02	.7042E-03	0.0005	.2693E-06	.2069E-0
143	0.00	0.000	0.039	0.1635	0.0000	.0000E+00	.0000E+00	0.0851	.2407E-02	.6538E-03	0.0009	.5319E-06	.2754E-0
144	0.00	0.000	0.033	0.1580	0.0000	.0000E+00	.0000E+00	0.0772	.2182E-02	.6067E-03	0.0009	.5315E-06	.2752E-0
145	0.00	0.000	0.034	0.1523	0.0000	.0000E+00	.0000E+00	0.0699	.1977E-02	.5629E-03	0.0009	.5297E-06	.2747E-0
146	0.00	0.000	0.036	0.1463	0.0000	.0000E+00	.0000E+00	0.0633	.1791E-02	.5220E-03	0.0009	.5266E-06	.2739E-0
147	0.00	0.000	0.036	0.1403	0.0000	.0000E+00	.0000E+00	0.0573	.1621E-02	.4839E-03	0.0009	.5224E-06	.2728E-0
148	0.00	0.000	0.032	0.1350	0.0000	.0000E+00	.0000E+00	0.0519	.1466E-02	.4484E-03	0.0009	.5173E-06	.2714E-0
149	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0469	.1326E-02	.4153E-03	0.0009	.5114E-06	.2698E-0
150	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0424	.1198E-02	.3845E-03	0.0009	.5047E-06	.2680E-0
151	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0383	.1082E-02	.3558E-03	0.0009	.4974E-06	.3320E-0
152	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0345	.9767E-03	.3291E-03	0.0009	.4889E-06	.2634E-0
153	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0312	.8809E-03	.3043E-03	0.0004	.2402E-06	.1963E-0
154	0.40	0.000	0.020	0.1983	0.0000	.0000E+00	.0000E+00	0.0281	.7940E-03	.2811E-03	0.0009	.4729E-06	.2593E-0
155	0.00	0.000	0.023	0.1944	0.0000	.0000E+00	.0000E+00	0.0253	.7152E-03	.2597E-03	0.0008	.4640E-06	.2569E-0
156	0.00	0.000	0.031	0.1892	0.0000	.0000E+00	.0000E+00	0.0228	.6438E-03	.2397E-03	0.0008	.4550E-06	.2543E-0
157	0.16	0.000	0.034	0.2102	0.0000	.0000E+00	.0000E+00	0.0205	.5791E-03	.2211E-03	0.0008	.4458E-06	.2517E-0
158	0.00	0.000	0.032	0.2049	0.0000	.0000E+00	.0000E+00	0.0184	.5204E-03	.2039E-03	0.0008	.4364E-06	.2491E-0
159	0.24	0.000	0.039	0.2384	0.0000	.0000E+00	.0000E+00	0.0165	.4674E-03	.1879E-03	0.0008	.4271E-06	.2464E-0
160	0.00	0.000	0.034	0.2327	0.0000	.0000E+00	.0000E+00	0.0148	.4194E-03	.1730E-03	0.0008	.4177E-06	.2437E-0
161	0.00	0.000	0.035	0.2268	0.0000	.0000E+00	.0000E+00	0.0133	.3760E-03	.1593E-03	0.0008	.4083E-06	.2409E-0
162	0.90	0.030	0.040	0.3651	0.0000	.0000E+00	.0000E+00	0.0119	.3369E-03	.1465E-03	0.0008	.3990E-06	.2381E-0
163	0.00	0.000	0.239	0.3203	1.5349	.0000E+00	.2993E-01	0.0403	.1141E-02	.3592E-03	0.0007	.3456E-06	.2187E-0
164	0.00	0.000	0.253	0.2732	1.5557	.0000E+00	.2997E-01	0.1142	.3228E-02	.8155E-03	0.0006	.2353E-06	.1765E-0
165	0.00	0.000	0.259	0.2252	1.2984	.0000E+00	.2940E-01	0.1810	.5117E-02	.1161E-02	0.0005	.1434E-06	.1380E-0
166	0.00	0.000	0.192	0.1884	0.9261	.0000E+00	.2858E-01	0.2403	.6794E-02	.1442E-02	0.0004	.8843E-07	.1083E-0
167	1.35	0.119	0.239	0.3492	0.6707	.0000E+00	.2801E-01	0.2926	.8274E-02	.1677E-02	0.0003	.5417E-07	.8462E-0
168	0.00	0.000	0.299	0.2945	1.0461	.0000E+00	.2884E-01	0.3404	.9626E-02	.1883E-02	0.0002	.3231E-07	.6506E-0
169	0.05	0.000	0.302	0.2477	1.0785	.0000E+00	.2892E-01	0.3856	.1090E-01	.2071E-02	0.0002	.1830E-07	.5955E-0
170	0.00	0.000	0.282	0.1960	0.8744	.0000E+00	.2847E-01	0.4266	.1206E-01	.2238E-02	0.0001	.6562E-08	.3076E-0
171	0.00	0.000	0.307	0.1425	0.3268	.0000E+00	.1393E-01	0.4490	.1270E-01	.2328E-02	0.0001	.4477E-08	.2546E-0
172	0.00	0.000	0.044	0.1351	0.0000	.0000E+00	.0000E+00	0.4324	.1223E-01	.2261E-02	0.0001	.4233E-08	.2653E-0
173	0.57	0.000	0.112	0.2115	0.0000	.0000E+00	.0000E+00	0.3947	.1116E-01	.2108E-02	0.0002	.1620E-07	.4975E-0
174	0.00	0.000	0.228	0.1734	0.0000	.0000E+00	.0000E+00	0.3601	.1018E-01	.1966E-02	0.0002	.3003E-07	.6708E-0
175	0.00	0.000	0.112	0.1547	0.0000	.0000E+00	.0000E+00	0.3285	.9290E-02	.1832E-02	0.0003	.4642E-07	.8290E-0
176	0.68	0.000	0.109	0.2498	0.0000	.0000E+00	.0000E+00	0.2996	.8472E-02	.1707E-02	0.0003	.6447E-07	.9731E-0
177	0.07	0.000	0.227	0.2236	0.0000	.0000E+00	.0000E+00	0.2731	.7723E-02	.1591E-02	0.0004	.8346E-07	.1104E-0
178	0.00	0.000	0.282	0.1766	0.0000	.0000E+00	.0000E+00	0.2489	.7038E-02	.1482E-02	0.0004	.1029E-06	.1536E-0
179	0.00	0.000	0.207	0.1422	0.0000	.0000E+00	.0000E+00	0.2268	.6412E-02	.1380E-02	0.0002	.6456E-07	.1017E-0
180	0.00	0.000	0.039	0.1357	0.0000	.0000E+00	.0000E+00	0.2065	.5839E-02	.1285E-02	0.0005	.1407E-06	.1426E-0
181	0.00	0.000	0.004	0.1350	0.0000	.0000E+00	.0000E+00	0.1880	.5315E-02	.1196E-02	0.0005	.1586E-06	.1513E-0
182	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1711	.4837E-02	.1113E-02	0.0005	.1755E-06	.1590E-0
183	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.1556	.4399E-02	.1035E-02	0.0005	.1913E-06	.1658E-0
184	0.91	0.014	0.081	0.2708	0.0000	.0000E+00	.0000E+00	0.1415	.4000E-02	.9628E-03	0.0006	.2059E-06	.1719E-0
185	0.06	0.000	0.158	0.2544	0.0000	.0000E+00	.0000E+00	0.1286	.3635E-02	.8952E-03	0.0006	.2191E-06	.1773E-0
186	0.00	0.000	0.194	0.2222	0.0000	.0000E+00	.0000E+00	0.1168	.3302E-02	.8320E-03	0.0006	.2311E-06	.1820E-0
187	0.71	0.002	0.149	0.3154	0.0000	.0000E+00	.0000E+00	0.1061	.2999E-02	.7730E-03	0.0006	.2417E-06	.1860E-0
188	0.00	0.000	0.204	0.2769	0.1310	.0000E+00	.2682E-01	0.1229	.3475E-02	.8634E-03	0.0006	.2274E-06	.2227E-0
189	0.00	0.000	0.235	0.2333	0.1987	.0000E+00	.2697E-01	0.1815	.5131E-02	.1164E-02	0.0005	.1479E-06	.1450E-0
190	0.40	0.000	0.186	0.2651	0.0753	.0000E+00	.2287E-01	0.2311	.6536E-02	.1400E-02	0.0004	.1033E-06	.1212E-0
191	0.00	0.000	0.256	0.2225	0.0000	.0000E+00	.0000E+00	0.2473	.6992E-02	.1474E-02	0.0004	.9177E-07	.1143E-0
192	0.00	0.000	0.272	0.1771	0.0000	.0000E+00	.0000E+00	0.2253	.6369E-02	.1373E-02	0.0004	.1096E-06	.1249E-0
193	0.00	0.000	0.233	0.1383	0.0000	.0000E+00	.0000E+00	0.2051	.5800E-02	.1278E-02	0.0002	.6348E-07	.1008E-0
194	0.21	0.000	0.103	0.1561	0.0000	.0000E+00	.0000E+00	0.1867	.5280E-02	.1190E-02	0.0005	.1374E-06	.1408E-0

195	0.00	0.000	0.072	0.1441	0.0000	.0000E+00	.0000E+00	0.1699	.4804E-02	.1107E-02	0.0005	.1535E-06	.1487E-0
196	0.00	0.000	0.044	0.1367	0.0000	.0000E+00	.0000E+00	0.1545	.4370E-02	.1030E-02	0.0005	.1686E-06	.1558E-0
197	0.00	0.000	0.008	0.1354	0.0000	.0000E+00	.0000E+00	0.1405	.3973E-02	.9578E-03	0.0005	.1827E-06	.1620E-0
198	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.1277	.3611E-02	.8905E-03	0.0005	.1957E-06	.1676E-0
199	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1160	.3280E-02	.8276E-03	0.0006	.2075E-06	.1725E-0
200	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1053	.2978E-02	.7690E-03	0.0006	.2180E-06	.1767E-0
201	0.48	0.000	0.070	0.2033	0.0000	.0000E+00	.0000E+00	0.0956	.2703E-02	.7142E-03	0.0006	.2274E-06	.1804E-0
202	1.36	0.179	0.133	0.3780	0.0000	.0000E+00	.0000E+00	0.0867	.2452E-02	.6631E-03	0.0006	.2357E-06	.2295E-0
203	0.32	0.000	0.248	0.3849	2.1187	.0000E+00	.3122E-01	0.1096	.3099E-02	.7902E-03	0.0006	.2029E-06	.1698E-0
204	0.06	0.000	0.277	0.3433	2.4615	.0000E+00	.3197E-01	0.1814	.5129E-02	.1163E-02	0.0002	.6095E-07	.9873E-0
205	0.25	0.000	0.222	0.3429	2.1691	.0000E+00	.3133E-01	0.2475	.6998E-02	.1475E-02	0.0004	.8915E-07	.1335E-0
206	0.18	0.000	0.189	0.3363	1.8941	.0000E+00	.3072E-01	0.3063	.8662E-02	.1736E-02	0.0002	.4028E-07	.7580E-0
207	0.01	0.000	0.171	0.3044	1.6938	.0000E+00	.3028E-01	0.3588	.1014E-01	.1960E-02	0.0002	.2162E-07	.5562E-0
208	0.02	0.000	0.206	0.2684	1.5091	.0000E+00	.2987E-01	0.4056	.1147E-01	.2153E-02	0.0001	.5116E-08	.2907E-0
209	0.00	0.000	0.231	0.2251	1.2667	.0000E+00	.2933E-01	0.4474	.1265E-01	.2321E-02	0.0001	.6905E-08	.2913E-0
210	0.00	0.000	0.190	0.1887	0.9424	.0000E+00	.2862E-01	0.4840	.1369E-01	.2465E-02	0.0001	.2786E-08	.1802E-0
211	0.00	0.000	0.195	0.1526	0.4066	.0000E+00	.2078E-01	0.5087	.1438E-01	.2561E-02	0.0000	.1129E-08	.1161E-0
212	0.00	0.000	0.106	0.1350	0.0000	.0000E+00	.0000E+00	0.4980	.1408E-01	.2520E-02	0.0001	.1870E-08	.1692E-0
213	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4548	.1286E-01	.2350E-02	0.0001	.7770E-08	.3495E-0
214	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4152	.1174E-01	.2192E-02	0.0002	.1964E-07	.5470E-0
215	0.04	0.000	0.029	0.1368	0.0000	.0000E+00	.0000E+00	0.3790	.1072E-01	.2044E-02	0.0002	.3539E-07	.9227E-0
216	0.00	0.000	0.006	0.1358	0.0000	.0000E+00	.0000E+00	0.3458	.9778E-02	.1905E-02	0.0003	.6090E-07	.9319E-0
217	0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.3154	.8918E-02	.1776E-02	0.0004	.8159E-07	.1078E-0
218	0.15	0.000	0.080	0.1469	0.0000	.0000E+00	.0000E+00	0.2876	.8132E-02	.1655E-02	0.0004	.1030E-06	.1211E-0
219	0.00	0.000	0.052	0.1382	0.0000	.0000E+00	.0000E+00	0.2621	.7412E-02	.1542E-02	0.0002	.6209E-07	.9974E-0
220	0.97	0.023	0.143	0.2722	0.0000	.0000E+00	.0000E+00	0.2389	.6754E-02	.1436E-02	0.0005	.1376E-06	.1412E-0
221	0.32	0.000	0.187	0.2943	0.0000	.0000E+00	.0000E+00	0.2176	.6151E-02	.1337E-02	0.0005	.1581E-06	.1511E-0
222	0.00	0.000	0.199	0.2612	0.0000	.0000E+00	.0000E+00	0.1981	.5601E-02	.1245E-02	0.0005	.1776E-06	.1600E-0
223	0.00	0.000	0.198	0.2282	0.0000	.0000E+00	.0000E+00	0.1803	.5098E-02	.1158E-02	0.0005	.1960E-06	.1680E-0
224	0.00	0.000	0.241	0.1880	0.0000	.0000E+00	.0000E+00	0.1640	.4638E-02	.1078E-02	0.0006	.2131E-06	.1750E-0
225	0.05	0.000	0.222	0.1593	0.0000	.0000E+00	.0000E+00	0.1492	.4218E-02	.1003E-02	0.0006	.2288E-06	.1812E-0
226	0.13	0.000	0.201	0.1475	0.0000	.0000E+00	.0000E+00	0.1356	.3834E-02	.9323E-03	0.0006	.2430E-06	.1867E-0
227	0.21	0.000	0.086	0.1682	0.0000	.0000E+00	.0000E+00	0.1232	.3484E-02	.8666E-03	0.0006	.2550E-06	.2394E-0
228	0.23	0.000	0.111	0.1881	0.0000	.0000E+00	.0000E+00	0.1119	.3164E-02	.8053E-03	0.0003	.1367E-06	.1476E-0
229	0.00	0.000	0.176	0.1588	0.0000	.0000E+00	.0000E+00	0.1016	.2873E-02	.7481E-03	0.0007	.2769E-06	.1990E-0
230	0.00	0.000	0.130	0.1371	0.0000	.0000E+00	.0000E+00	0.0922	.2607E-02	.6948E-03	0.0007	.2854E-06	.2020E-0
231	0.07	0.000	0.037	0.1426	0.0000	.0000E+00	.0000E+00	0.0836	.2364E-02	.6450E-03	0.0007	.2926E-06	.2045E-0
232	0.02	0.000	0.045	0.1385	0.0000	.0000E+00	.0000E+00	0.0758	.2143E-02	.5986E-03	0.0007	.2985E-06	.2065E-0
233	0.00	0.000	0.013	0.1363	0.0000	.0000E+00	.0000E+00	0.0687	.1942E-02	.5553E-03	0.0007	.3033E-06	.2081E-0
234	0.00	0.000	0.006	0.1354	0.0000	.0000E+00	.0000E+00	0.0622	.1759E-02	.5149E-03	0.0007	.3059E-06	.2614E-0
235	0.10	0.000	0.038	0.1458	0.0000	.0000E+00	.0000E+00	0.0563	.1592E-02	.4773E-03	0.0007	.3117E-06	.2104E-0
236	0.00	0.000	0.045	0.1382	0.0000	.0000E+00	.0000E+00	0.0509	.1440E-02	.4422E-03	0.0007	.3131E-06	.2108E-0
237	0.00	0.000	0.015	0.1358	0.0000	.0000E+00	.0000E+00	0.0460	.1302E-02	.4095E-03	0.0007	.3138E-06	.2111E-0
238	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0416	.1176E-02	.3791E-03	0.0007	.3136E-06	.2110E-0
239	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0376	.1062E-02	.3508E-03	0.0003	.1564E-06	.1584E-0
240	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0339	.9586E-03	.3245E-03	0.0007	.3108E-06	.2104E-0
241	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0306	.8645E-03	.2999E-03	0.0007	.3091E-06	.2098E-0
242	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0276	.7792E-03	.2771E-03	0.0007	.3069E-06	.2090E-0
243	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0248	.7017E-03	.2559E-03	0.0007	.3042E-06	.2598E-0
244	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0223	.6316E-03	.2362E-03	0.0007	.3011E-06	.2068E-0
245	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0201	.5680E-03	.2179E-03	0.0007	.2976E-06	.2055E-0
246	0.08	0.000	0.031	0.1432	0.0000	.0000E+00	.0000E+00	0.0181	.5104E-03	.2009E-03	0.0007	.2938E-06	.2042E-0
247	0.42	0.000	0.067	0.2021	0.0000	.0000E+00	.0000E+00	0.0162	.4583E-03	.1851E-03	0.0007	.2898E-06	.2028E-0
248	1.20	0.115	0.122	0.3626	0.0000	.0000E+00	.0000E+00	0.0145	.4112E-03	.1705E-03	0.0007	.2855E-06	.2013E-0
249	0.60	0.024	0.177	0.4240	2.2073	.0000E+00	.3141E-01	0.0442	.1250E-02	.3863E-03	0.0006	.2211E-06	.1772E-0
250	0.26	0.000	0.185	0.4306	3.8556	.0000E+00	.3506E-01	0.1251	.3537E-02	.8740E-03	0.0004	.1135E-06	.1270E-0
251	0.00	0.000	0.259	0.3816	3.6657	.0000E+00	.3464E-01	0.2043	.5778E-02	.1273E-02	0.0003	.5330E-07	.8711E-0
252	0.00	0.000	0.237	0.3364	3.1178	.0000E+00	.3343E-01	0.2749	.7772E-02	.1598E-02	0.0002	.2180E-07	.5579E-0
253	0.00	0.000	0.188	0.2996	2.6782	.0000E+00	.3245E-01	0.3365	.9513E-02	.1866E-02	0.0001	.6728E-08	.3108E-0
254	0.00	0.000	0.157	0.2681	2.1588	.0000E+00	.3130E-01	0.3901	.1103E-01	.2090E-02	0.0000	.9022E-09	.1150E-0
255	0.05	0.000	0.124	0.2507	1.8283	.0000E+00	.3057E-01	0.4367	.1235E-01	.2278E-02	0.0000	.0000E+00	.0000E+0
256	0.27	0.000	0.173	0.2618	1.5181	.0000E+00	.2989E-01	0.4775	.1350E-01	.2440E-02	0.0000	.0000E+00	.0000E+0
257	2.02	0.519	0.192	0.4751	1.3449	.0000E+00	.2951E-01	0.5135	.1452E-01	.2580E-02	0.0000	.0000E+00	.0000E+0
258	0.00	0.000	0.190	0.4373	4.8561	.0000E+00	.3727E-01	0.5535	.1565E-01	.2732E-02	0.0000	.0000E+00	.0000E+0
259	0.00	0.000	0.174	0.4023	4.2522	.0000E+00	.3593E-01	0.6013	.1700E-01	.2912E-02	0.0000	.0000E+00	.0000E+0
260	0.00	0.000	0.175	0.3674	3.7340	.0000E+00	.3479E-01	0.6418	.1815E-01	.3062E-02	0.0000	.0000E+00	.0000E+0
261	0.24	0.000	0.132	0.3797	3.3568	.0000E+00	.3395E-01	0.6764	.1912E-01	.3188E-02	0.0000	.0000E+00	.0000E+0
262	0.05	0.000	0.119	0.3627	3.0532	.0000E+00	.3328E-01	0.7060	.1996E-01	.3295E-02	0.0000	.0000E+00	.0000E+0
263	0.21	0.000	0.112	0.3736	2.8002	.0000E+00	.3272E-01	0.7315	.2068E-01	.3386E-02	0.0000	.0000E+00	.0000E+0
264	0.00	0.000	0.128	0.3469	2.5663	.0000E+00	.3221E-01	0.7535	.2131E-01	.3464E-02	0.0000	.0000E+00	.0000E+0
265	0.00	0.000	0.129	0.3201	2.3135	.0000E+00	.3165E-01	0.7723	.2184E-01	.3531E-02	0.0000	.0000E+00	.0000E+0
266	0.00	0.000	0.086	0.3006	2.0597	.0000E+00	.3109E-01	0.7881	.2228E-01	.3586E-02	0.0000	.0000E+00	.0000E+0
267	0.00	0.000	0.112	0.2768	1.8727	.0000E+00	.3067E-01	0.8013	.2266E-01	.3632E-02	0.0000	.0000E+00	.0000E+0
268	0.01	0.000	0.102	0.2564	1.6894	.0000E+00	.3027E-01	0.8123	.2297E-01	.3671E-02	0.0000	.0000E+00	.0000E+0
269	0.00	0.000	0.116	0.2320	1.4770	.0000E+00	.2980E-01	0.8213	.2322E-01	.3702E-02	0.0000	.0000E+00	.0000E+0
270	0.43	0.000	0.147	0.2743	1.1352	.0000E+00	.2904E-01	0.8280	.2341E-01	.3725E-02	0.0000	.0000E+00	.0000E+0
271	0.00	0.000	0.106	0.2519	0.8697	.0000E+00	.2845E-01	0.8324	.2354E-01	.3741E-02	0.0000	.0000E+00	.0000E+0
272	0.00	0.000	0.120	0.2271	0.7227	.0000E+00	.2813E-01	0.8351	.2361E-01	.3750E-02	0.0000	.0000E+00	.0000E+0
273	0.00	0.000	0.125	0.2016	0.5756	.0000E+00	.2780E-01	0.8368	.2366E-01	.3756E-02	0.0000	.0000E+00	.0000E+0
274	0.00	0.000	0.099	0.1806	0.4310	.0000E+00	.2748E-01	0.8375	.2368E-01	.3758E-02	0.0000	.0000E+00	.0000E+0
275	0.00	0.000	0.089	0.1612	0.2279	.0000E+00	.2704E-01	0.8372	.2367E-01	.3757E-02	0.0000	.0000E+00	.0000E+0
276	0.00	0.000	0.092	0.1458	0.0093	.0000E+00	.0000E+00	0.8093	.2288E-01	.3660E-02	0.0000	.7112E-11	.1052E-0
277	0.00	0.000	0.065	0.1350	0.0000	.0000E+00	.0000E+00	0.7402	.2093E-01	.3417E-02	0.0001	.4531E-08	.2684E-0
278	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6768	.1914E-01	.3189E-02	0.0002	.2205E-07	.7437E-0
279	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.6187	.1749E-01	.2977E-02	0.0003	.5933E-07	.9219E-0
280	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5654	.1599E-01	.2778E-02	0.0004	.9572E-07	.1169E-0
281	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.5166	.1461E-01	.2592E-02	0.0005	.1360E-06	.1393E-0
282	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4718	.1334E-01	.2417E-02	0.0005	.1784E-06	.1594E-0
283	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4308	.1218E-01	.2255E-02	0.0006	.2212E-06	.1775E-0
284	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3933	.1112E-01	.2103E-02	0.0003	.1315E-06	.1451E-0
285	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3589	.1015E-01	.1960E-02	0.0007	.2887E-06	.2043E-0
286	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3274	.9256E-02	.1827E-02	0.0007	.3275E-06	.2724E-0
287	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2985	.8441E-02	.1703E-02	0.0008	.3773E-06	.2316E-0
288	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2721	.7695E-02	.1587E-02	0.0004	.2048E-06	.1811E-0
289	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2480	.7013E-02	.1478E-02	0.0008	.4268E-06	.2476E-0
290	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2259	.6388E-02	.1376E-02	0.0008	.4536E-06	.2551E-0

291		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2057	.5817E-02	.1281E-02	0.0009	.4771E-06	.2614E-0
292		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1873	.5296E-02	.1193E-02	0.0009	.4973E-06	.2668E-0
293		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1704	.4819E-02	.1110E-02	0.0009	.5124E-06	.3390E-0
294		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1550	.4383E-02	.1032E-02	0.0009	.5356E-06	.2757E-0
295		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1409	.3985E-02	.9601E-03	0.0009	.5461E-06	.2784E-0
296		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1281	.3622E-02	.8926E-03	0.0009	.5540E-06	.2804E-0
297		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1164	.3290E-02	.8296E-03	0.0005	.2823E-06	.2118E-0
298		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1057	.2987E-02	.7708E-03	0.0009	.5594E-06	.2825E-0
299		0.37	0.000	0.036	0.1906	0.0000	.0000E+00	.0000E+00	0.0959	.2711E-02	.7159E-03	0.0009	.5616E-06	.2830E-0
300		0.00	0.000	0.016	0.1880	0.0000	.0000E+00	.0000E+00	0.0870	.2460E-02	.6647E-03	0.0009	.5620E-06	.2830E-0
301		0.00	0.000	0.019	0.1849	0.0000	.0000E+00	.0000E+00	0.0789	.2230E-02	.6169E-03	0.0009	.5582E-06	.3529E-0
302		0.00	0.000	0.018	0.1819	0.0000	.0000E+00	.0000E+00	0.0715	.2021E-02	.5724E-03	0.0009	.5597E-06	.2818E-0
303		0.44	0.000	0.036	0.2492	0.0000	.0000E+00	.0000E+00	0.0647	.1831E-02	.5309E-03	0.0005	.2803E-06	.2110E-0
304		0.00	0.000	0.019	0.2460	0.0000	.0000E+00	.0000E+00	0.0586	.1657E-02	.4921E-03	0.0009	.5493E-06	.3490E-0
305		0.00	0.000	0.020	0.2427	0.0000	.0000E+00	.0000E+00	0.0530	.1500E-02	.4561E-03	0.0009	.5436E-06	.2777E-0
306		0.00	0.000	0.020	0.2394	0.0000	.0000E+00	.0000E+00	0.0480	.1356E-02	.4225E-03	0.0009	.5365E-06	.2759E-0
307		0.00	0.000	0.020	0.2361	0.0000	.0000E+00	.0000E+00	0.0433	.1226E-02	.3912E-03	0.0009	.5287E-06	.2739E-0
308		0.00	0.000	0.019	0.2328	0.0000	.0000E+00	.0000E+00	0.0392	.1107E-02	.3620E-03	0.0009	.5203E-06	.2717E-0
309		0.00	0.000	0.019	0.2296	0.0000	.0000E+00	.0000E+00	0.0353	.9993E-03	.3349E-03	0.0009	.5115E-06	.2694E-0
310		0.89	0.021	0.037	0.3673	0.0022	.0000E+00	.6638E-02	0.0385	.1088E-02	.3569E-03	0.0009	.4850E-06	.2623E-0
311		0.00	0.000	0.049	0.3539	1.9358	.0000E+00	.3081E-01	0.0759	.2147E-02	.5950E-03	0.0008	.3869E-06	.2344E-0
312		0.01	0.000	0.055	0.3413	2.1723	.0000E+00	.3133E-01	0.1494	.4223E-02	.1002E-02	0.0006	.2567E-06	.1909E-0
313		0.00	0.000	0.052	0.3275	1.9740	.0000E+00	.3090E-01	0.2168	.6130E-02	.1333E-02	0.0005	.1727E-06	.1567E-0
314		0.00	0.000	0.046	0.3147	1.8351	.0000E+00	.3059E-01	0.2774	.7844E-02	.1610E-02	0.0004	.1172E-06	.1291E-0
315		0.00	0.000	0.047	0.3018	1.6759	.0000E+00	.3024E-01	0.3320	.9389E-02	.1847E-02	0.0004	.7962E-07	.1065E-0
316		0.00	0.000	0.041	0.2899	1.5190	.0000E+00	.2989E-01	0.3811	.1078E-01	.2053E-02	0.0001	.2673E-07	.6575E-0
317		0.00	0.000	0.037	0.2788	1.3656	.0000E+00	.2955E-01	0.4252	.1202E-01	.2232E-02	0.0003	.4359E-07	.7652E-0
318		0.00	0.000	0.051	0.2654	1.2128	.0000E+00	.2921E-01	0.4647	.1314E-01	.2389E-02	0.0002	.3006E-07	.6351E-0
319		0.00	0.000	0.060	0.2506	1.0429	.0000E+00	.2884E-01	0.4999	.1413E-01	.2527E-02	0.0002	.2103E-07	.5312E-0
320		0.00	0.000	0.053	0.2369	0.9062	.0000E+00	.2854E-01	0.5313	.1502E-01	.2648E-02	0.0002	.1508E-07	.4501E-0
321		0.40	0.000	0.062	0.2886	0.7677	.0000E+00	.2823E-01	0.5592	.1581E-01	.2754E-02	0.0001	.1122E-07	.3887E-0
322		0.00	0.000	0.041	0.2770	0.6316	.0000E+00	.2793E-01	0.5841	.1652E-01	.2848E-02	0.0001	.8779E-08	.3448E-0
323		0.02	0.000	0.050	0.2673	0.4975	.0000E+00	.2763E-01	0.6061	.1714E-01	.2930E-02	0.0001	.7334E-08	.3162E-0
324		0.53	0.000	0.064	0.3404	0.3643	.0000E+00	.2734E-01	0.6255	.1769E-01	.3002E-02	0.0001	.6607E-08	.3014E-0
325		0.00	0.000	0.044	0.3282	1.3617	.0000E+00	.2954E-01	0.6450	.1824E-01	.3073E-02	0.0001	.6204E-08	.2921E-0
326		0.00	0.000	0.043	0.3162	1.3175	.0000E+00	.2944E-01	0.6663	.1884E-01	.3151E-02	0.0001	.6117E-08	.3571E-0
327		0.00	0.000	0.056	0.3020	1.1810	.0000E+00	.2914E-01	0.6854	.1938E-01	.3221E-02	0.0001	.5301E-08	.2785E-0
328		0.00	0.000	0.057	0.2877	1.0081	.0000E+00	.2876E-01	0.7021	.1985E-01	.3281E-02	0.0001	.5763E-08	.2903E-0
329		0.00	0.000	0.052	0.2742	0.8787	.0000E+00	.2847E-01	0.7164	.2026E-01	.3332E-02	0.0001	.6701E-08	.3129E-0
330		0.00	0.000	0.059	0.2598	0.7400	.0000E+00	.2817E-01	0.7288	.2061E-01	.3377E-02	0.0001	.8139E-08	.3445E-0
331		0.22	0.000	0.062	0.2814	0.6027	.0000E+00	.2786E-01	0.7394	.2091E-01	.3414E-02	0.0001	.1015E-07	.3844E-0
332		0.00	0.000	0.044	0.2695	0.4679	.0000E+00	.2757E-01	0.7484	.2116E-01	.3446E-02	0.0001	.1281E-07	.4313E-0
333		1.05	0.064	0.055	0.4200	0.5109	.0000E+00	.2766E-01	0.7562	.2138E-01	.3474E-02	0.0001	.7382E-08	.3550E-0
334		0.00	0.000	0.037	0.4080	3.6409	.0000E+00	.3458E-01	0.7703	.2178E-01	.3524E-02	0.0002	.1810E-07	.6425E-0
335		0.95	0.308	0.047	0.5010	4.6148	.0000E+00	.3674E-01	0.7966	.2253E-01	.3616E-02	0.0002	.1764E-07	.5059E-0
336		0.00	0.000	0.037	0.4882	5.8677	.0000E+00	.3951E-01	0.8270	.2338E-01	.3722E-02	0.0002	.1645E-07	.4889E-0
337		0.01	0.000	0.045	0.4758	5.5442	.0000E+00	.3879E-01	0.8585	.2428E-01	.3831E-02	0.0002	.1541E-07	.4737E-0
338		0.00	0.000	0.037	0.4632	5.2211	.0000E+00	.3808E-01	0.8856	.2504E-01	.3924E-02	0.0002	.1579E-07	.4796E-0
339	*	0.46	0.000	0.034	0.4603	4.9550	.0000E+00	.3749E-01	0.9088	.2570E-01	.4003E-02	0.0002	.1741E-07	.5036E-0
340		0.00	0.039	0.004	0.5010	5.2885	.0000E+00	.3822E-01	0.9298	.2629E-01	.4074E-02	0.0002	.1995E-07	.5388E-0
341		0.00	0.012	0.040	0.4990	5.9793	.0000E+00	.3975E-01	0.9518	.2691E-01	.4148E-02	0.0002	.2268E-07	.5743E-0
342		1.14	1.069	0.048	0.4962	5.9163	.0000E+00	.3961E-01	0.9743	.2755E-01	.4224E-02	0.0001	.1166E-07	.4483E-0
343		0.00	0.000	0.040	0.4830	5.7336	.0000E+00	.3921E-01	0.9943	.2811E-01	.4291E-02	0.0002	.2970E-07	.6490E-0
344		0.58	0.371	0.061	0.5010	5.8093	.0000E+00	.3938E-01	1.0122	.2862E-01	.4350E-02	0.0002	.3506E-07	.7062E-0
345		0.05	0.038	0.054	0.4873	5.8590	.0000E+00	.3949E-01	1.0290	.2909E-01	.4406E-02	0.0003	.4339E-07	.9789E-0
346		0.00	0.000	0.044	0.4736	5.4940	.0000E+00	.3868E-01	1.0437	.2951E-01	.4455E-02	0.0003	.5135E-07	.8619E-0
347		0.00	0.000	0.038	0.4609	5.1415	.0000E+00	.3790E-01	1.0552	.2984E-01	.4493E-02	0.0003	.6230E-07	.9487E-0
348		0.00	0.000	0.043	0.4476	4.8242	.0000E+00	.3720E-01	1.0638	.3008E-01	.4521E-02	0.0003	.7577E-07	.1046E-0
349		0.18	0.000	0.052	0.4627	4.6472	.0000E+00	.3681E-01	1.0702	.3026E-01	.4542E-02	0.0002	.4334E-07	.8504E-0
350		0.00	0.000	0.041	0.4497	4.7966	.0000E+00	.3714E-01	1.0758	.3042E-01	.4560E-02	0.0004	.1053E-06	.1229E-0
351		0.26	0.000	0.047	0.4790	4.8139	.0000E+00	.3718E-01	1.0814	.3058E-01	.4579E-02	0.0004	.1241E-06	.1334E-0
352		0.16	0.000	0.051	0.4907	5.4969	.0000E+00	.3869E-01	1.0882	.3077E-01	.4601E-02	0.0005	.1438E-06	.1435E-0
353		0.00	0.000	0.039	0.4776	5.5850	.0000E+00	.3888E-01	1.0970	.3102E-01	.4630E-02	0.0005	.1637E-06	.1530E-0
354	*	0.02	0.000	0.040	0.4679	5.2717	.0000E+00	.3819E-01	1.1047	.3124E-01	.4655E-02	0.0005	.1846E-06	.1625E-0
355	*	0.89	0.000	0.033	0.4649	5.0679	.0000E+00	.3774E-01	1.1103	.3139E-01	.4673E-02	0.0006	.2080E-06	.1725E-0
356	*	0.49	0.000	0.028	0.4619	4.9806	.0000E+00	.3754E-01	1.1144	.3151E-01	.4687E-02	0.0006	.2338E-06	.1829E-0
357		0.00	0.000	0.038	0.4590	4.9082	.0000E+00	.3738E-01	1.1178	.3161E-01	.4697E-02	0.0006	.2616E-06	.1935E-0
358		0.65	1.581	0.000	0.5010	5.6552	.0000E+00	.3904E-01	1.1222	.3173E-01	.4712E-02	0.0007	.2899E-06	.2036E-0
359		0.18	0.170	0.050	0.4878	5.8639	.0000E+00	.3950E-01	1.1294	.3194E-01	.4735E-02	0.0007	.3170E-06	.2128E-0
360		0.00	0.000	0.039	0.4748	5.5132	.0000E+00	.3872E-01	1.1360	.3212E-01	.4757E-02	0.0007	.3444E-06	.2217E-0
361		0.14	0.000	0.054	0.4827	5.3418	.0000E+00	.3834E-01	1.1405	.3225E-01	.4771E-02	0.0008	.3740E-06	.2311E-0
362		0.34	0.143	0.048	0.5010	5.7720	.0000E+00	.3929E-01	1.1448	.3237E-01	.4785E-02	0.0008	.4051E-06	.2405E-0
363	*	0.90	0.000	0.036	0.4977	5.9653	.0000E+00	.3972E-01	1.1508	.3254E-01	.4805E-02	0.0008	.4355E-06	.2493E-0
364	*	0.00	0.000	0.035	0.4944	5.8733	.0000E+00	.3952E-01	1.1568	.3271E-01	.4824E-02	0.0008	.4658E-06	.3237E-0
365		0.96	1.083	0.000	0.5010	5.9583	.0000E+00	.3971E-01	1.1622	.3286E-01	.4841E-02	0.0009	.5040E-06	.2684E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 23

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	4.93	3.87	2.32	2.31	1.46	4.42
	4.98	2.29	5.84	0.81	3.12	8.36
RUNOFF	3.408	1.890	0.001	0.009	0.000	0.149
	0.196	0.023	0.657	0.000	0.085	4.814
EVAPOTRANSPIRATION	0.549	1.049	3.053	2.001	1.639	4.025
	4.443	2.267	3.987	0.489	1.355	1.207

PERCOLATION/LEAKAGE THROUGH	0.0000	0.7559	0.9978	0.1130	0.0624	0.2461
LAYER 2	0.3408	0.0000	0.7953	0.0545	0.7089	1.1934
LATERAL DRAINAGE COLLECTED	0.0700	0.3428	0.8923	0.3083	0.1001	0.1602
FROM LAYER 3	0.1912	0.1361	0.4209	0.2911	0.3717	0.9142
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.0182	0.0576	0.1355	0.0581	0.0249	0.0333
LAYER 4	0.0405	0.0303	0.0715	0.0545	0.0654	0.1379
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1131	0.0293	0.0367	0.1192	0.0927	0.0459
LAYER 7	0.0404	0.0533	0.0151	0.0628	0.0326	0.0422

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.000	3.746	2.945	0.030	0.009	0.310
TOP OF LAYER 2	0.480	0.000	1.990	0.022	0.987	5.412
STD. DEVIATION OF DAILY	0.000	2.480	1.325	0.083	0.032	0.525
HEAD ON TOP OF LAYER 2	0.808	0.000	1.377	0.086	0.823	0.438
AVERAGE DAILY HEAD ON	0.080	0.433	1.018	0.363	0.114	0.189
TOP OF LAYER 4	0.218	0.155	0.496	0.332	0.438	1.043
STD. DEVIATION OF DAILY	0.066	0.368	0.030	0.193	0.048	0.157
HEAD ON TOP OF LAYER 4	0.128	0.125	0.311	0.253	0.272	0.104
AVERAGE DAILY HEAD ON	0.001	0.000	0.000	0.001	0.001	0.000
TOP OF LAYER 7	0.000	0.001	0.000	0.001	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 23

	INCHES	CU. FEET	PERCENT
PRECIPITATION	44.71	405743.187	100.00
RUNOFF	11.232	101934.312	25.12
EVAPOTRANSPIRATION	26.065	236543.016	58.30
PERC./LEAKAGE THROUGH LAYER 2	5.267984	47806.953	11.78
AVG. HEAD ON TOP OF LAYER 2	1.3276		
DRAINAGE COLLECTED FROM LAYER 3	4.1990	38105.652	9.39
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.727727	6604.122	1.63
AVG. HEAD ON TOP OF LAYER 4	0.4067		
DRAINAGE COLLECTED FROM LAYER 6	0.0001	1.158	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.683342	6201.329	1.53
AVG. HEAD ON TOP OF LAYER 7	0.0006		
CHANGE IN WATER STORAGE	2.530	22957.738	5.66
SOIL WATER AT START OF YEAR	283.777	2575277.250	
SOIL WATER AT END OF YEAR	285.986	2595321.250	
SNOW WATER AT START OF YEAR	0.266	2412.577	0.59
SNOW WATER AT END OF YEAR	0.587	5326.274	1.31
ANNUAL WATER BUDGET BALANCE	0.0000	-0.031	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 24

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1	*		0.28	0.010	0.035	0.4960	5.9476	.0000E+00	.3968E-01	1.1674	.3301E-01	.4858E-02	0.0005	.2680E-06	.2066E-0
2	*		0.12	0.000	0.035	0.4927	5.8327	.0000E+00	.3943E-01	1.1718	.3313E-01	.4873E-02	0.0009	.5614E-06	.2830E-0
3	*		0.15	0.000	0.037	0.4894	5.7485	.0000E+00	.3924E-01	1.1754	.3323E-01	.4884E-02	0.0010	.5952E-06	.2914E-0
4	*		0.00	0.000	0.035	0.4862	5.6592	.0000E+00	.3904E-01	1.1781	.3331E-01	.4893E-02	0.0010	.6301E-06	.2998E-0
5	*		0.00	0.000	0.040	0.4831	5.5707	.0000E+00	.3885E-01	1.1801	.3337E-01	.4899E-02	0.0010	.6659E-06	.3082E-0
6			0.00	0.000	0.042	0.4799	5.4832	.0000E+00	.3866E-01	1.1814	.3340E-01	.4903E-02	0.0010	.7023E-06	.3165E-0
7			0.10	0.301	0.000	0.5010	5.7876	.0000E+00	.3933E-01	1.1830	.3345E-01	.4908E-02	0.0011	.7385E-06	.3245E-0
8			0.00	0.407	0.000	0.4977	5.9656	.0000E+00	.3972E-01	1.1859	.3353E-01	.4918E-02	0.0011	.7729E-06	.3319E-0
9	*		0.00	0.000	0.040	0.4845	5.7745	.0000E+00	.3930E-01	1.1888	.3361E-01	.4927E-02	0.0011	.8107E-06	.4249E-0
10			0.00	0.000	0.044	0.4708	5.4196	.0000E+00	.3851E-01	1.1900	.3365E-01	.4931E-02	0.0011	.8489E-06	.3479E-0
11			0.00	0.000	0.043	0.4573	5.0601	.0000E+00	.3772E-01	1.1890	.3362E-01	.4928E-02	0.0012	.8867E-06	.3555E-0
12	*		0.09	0.000	0.040	0.4544	4.8056	.0000E+00	.3716E-01	1.1863	.3354E-01	.4919E-02	0.0012	.9262E-06	.3633E-0
13	*		0.00	0.000	0.042	0.4462	4.6690	.0000E+00	.3686E-01	1.1826	.3344E-01	.4907E-02	0.0012	.9661E-06	.3711E-0
14	*		1.00	0.000	0.029	0.4434	4.4939	.0000E+00	.3647E-01	1.1784	.3332E-01	.4894E-02	0.0012	.1006E-05	.3785E-0
15	*		0.00	0.000	0.032	0.4406	4.3980	.0000E+00	.3626E-01	1.1736	.3318E-01	.4878E-02	0.0013	.1044E-05	.3857E-0
16	*	*	0.26	0.000	0.034	0.4355	1.7815	.0000E+00	.3047E-01	1.1631	.3289E-01	.4845E-02	0.0013	.1091E-05	.3942E-0
17	*	*	0.04	0.000	0.034	0.4308	0.8105	.0000E+00	.2832E-01	1.1421	.3229E-01	.4776E-02	0.0013	.1154E-05	.4054E-0
18	*	*	0.00	0.000	0.037	0.4261	0.6805	.0000E+00	.2804E-01	1.1190	.3164E-01	.4702E-02	0.0014	.1217E-05	.4162E-0
19	*	*	0.00	0.000	0.029	0.4215	0.5518	.0000E+00	.2775E-01	1.0971	.3102E-01	.4630E-02	0.0014	.1274E-05	.4258E-0
20		*	0.00	0.000	0.042	0.4169	0.4244	.0000E+00	.2747E-01	1.0763	.3043E-01	.4562E-02	0.0014	.1326E-05	.4343E-0
21	*	*	0.40	0.000	0.033	0.4124	0.2983	.0000E+00	.2719E-01	1.0564	.2987E-01	.4497E-02	0.0015	.1371E-05	.4416E-0
22	*	*	0.00	0.000	0.038	0.4079	0.1735	.0000E+00	.2692E-01	1.0375	.2933E-01	.4434E-02	0.0015	.1411E-05	.4479E-0
23	*	*	0.00	0.000	0.035	0.4044	0.0499	.0000E+00	.2084E-01	1.0136	.2866E-01	.4355E-02	0.0015	.1457E-05	.4552E-0
24	*	*	0.00	0.000	0.035	0.4044	0.0000	.0000E+00	.0000E+00	0.9612	.2718E-01	.4180E-02	0.0016	.1559E-05	.4707E-0
25	*	*	0.00	0.000	0.037	0.4044	0.0000	.0000E+00	.0000E+00	0.8795	.2487E-01	.3903E-02	0.0016	.1719E-05	.4941E-0
26	*	*	0.00	0.000	0.038	0.4044	0.0000	.0000E+00	.0000E+00	0.8046	.2275E-01	.3644E-02	0.0008	.9278E-06	.3857E-0
27	*	*	0.00	0.000	0.039	0.4044	0.0000	.0000E+00	.0000E+00	0.7359	.2081E-01	.3402E-02	0.0017	.1919E-05	.6560E-0
28	*	*	0.00	0.000	0.038	0.4044	0.0000	.0000E+00	.0000E+00	0.6729	.1903E-01	.3175E-02	0.0018	.2057E-05	.5402E-0
29	*	*	0.43	0.000	0.000	0.4044	0.0000	.0000E+00	.0000E+00	0.6151	.1739E-01	.2963E-02	0.0018	.2125E-05	.5489E-0
30	*	*	0.07	0.000	0.031	0.4044	0.0000	.0000E+00	.0000E+00	0.5621	.1589E-01	.2765E-02	0.0018	.2173E-05	.5550E-0
31	*	*	0.40	0.000	0.026	0.4044	0.0000	.0000E+00	.0000E+00	0.5136	.1452E-01	.2580E-02	0.0019	.2204E-05	.5588E-0
32	*	*	0.00	0.000	0.035	0.4044	0.0000	.0000E+00	.0000E+00	0.4691	.1326E-01	.2407E-02	0.0019	.2218E-05	.5606E-0
33	*	*	0.27	0.000	0.000	0.4044	0.0000	.0000E+00	.0000E+00	0.4283	.1211E-01	.2245E-02	0.0009	.1109E-05	.4221E-0
34		*	0.00	0.140	0.008	0.4314	0.0000	.0000E+00	.0000E+00	0.3909	.1105E-01	.2093E-02	0.0018	.2196E-05	.5597E-0
35		*	0.00	0.303	0.000	0.4518	0.0000	.0000E+00	.0000E+00	0.3567	.1009E-01	.1951E-02	0.0018	.2179E-05	.5574E-0
36		*	0.00	0.437	0.000	0.4615	0.0000	.0000E+00	.0000E+00	0.3254	.9201E-02	.1819E-02	0.0018	.2136E-05	.6906E-0
37	*	*	0.00	0.000	0.032	0.4615	0.0000	.0000E+00	.0000E+00	0.2968	.8391E-02	.1695E-02	0.0018	.2122E-05	.5483E-0
38	*	*	0.00	0.000	0.033	0.4615	0.0000	.0000E+00	.0000E+00	0.2705	.7649E-02	.1579E-02	0.0018	.2081E-05	.5428E-0
39	*	*	0.01	0.000	0.034	0.4615	0.0000	.0000E+00	.0000E+00	0.2465	.6970E-02	.1471E-02	0.0018	.2034E-05	.5368E-0
40	*	*	0.30	0.000	0.000	0.4615	0.0000	.0000E+00	.0000E+00	0.2246	.6350E-02	.1370E-02	0.0018	.1985E-05	.5302E-0
41	*	*	0.00	0.000	0.036	0.4615	0.0000	.0000E+00	.0000E+00	0.2045	.5782E-02	.1275E-02	0.0017	.1932E-05	.5232E-0
42	*	*	0.12	0.000	0.032	0.4615	0.0000	.0000E+00	.0000E+00	0.1861	.5263E-02	.1187E-02	0.0017	.1878E-05	.5158E-0
43	*	*	0.00	0.000	0.030	0.4615	0.0000	.0000E+00	.0000E+00	0.1694	.4789E-02	.1105E-02	0.0017	.1823E-05	.5082E-0
44	*	*	0.00	0.000	0.022	0.4615	0.0000	.0000E+00	.0000E+00	0.1541	.4356E-02	.1028E-02	0.0017	.1767E-05	.5004E-0
45	*	*	0.00	0.000	0.036	0.4615	0.0000	.0000E+00	.0000E+00	0.1401	.3960E-02	.9556E-03	0.0016	.1711E-05	.4924E-0
46	*	*	0.00	0.000	0.040	0.4615	0.0000	.0000E+00	.0000E+00	0.1273	.3599E-02	.8884E-03	0.0016	.1656E-05	.4843E-0
47		*	0.00	0.000	0.042	0.4615	0.0000	.0000E+00	.0000E+00	0.1156	.3269E-02	.8257E-03	0.0016	.1600E-05	.4762E-0
48		*	0.31	1.357	0.000	0.4656	0.0000	.0000E+00	.0000E+00	0.1050	.2969E-02	.7671E-03	0.0008	.7844E-06	.3523E-0
49		*	0.00	0.000	0.000	0.4648	0.0055	.0000E+00	.4779E-02	0.1000	.2828E-02	.7394E-03	0.0015	.1490E-05	.4599E-0
50	*	*	0.08	0.000	0.054	0.4648	0.0000	.0000E+00	.0000E+00	0.0984	.2783E-02	.7303E-03	0.0015	.1417E-05	.4481E-0
51	*	*	0.00	0.000	0.026	0.4648	0.0000	.0000E+00	.0000E+00	0.0893	.2525E-02	.6781E-03	0.0015	.1361E-05	.4398E-0
52		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0810	.2290E-02	.6295E-03	0.0014	.1316E-05	.4325E-0
53	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0734	.2076E-02	.5841E-03	0.0014	.1273E-05	.4253E-0
54	*	*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0665	.1880E-02	.5418E-03	0.0014	.1230E-05	.5212E-0
55		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0602	.1703E-02	.5023E-03	0.0014	.1181E-05	.4092E-0
56		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0545	.1541E-02	.4655E-03	0.0013	.1141E-05	.4021E-0
57		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0493	.1393E-02	.4313E-03	0.0013	.1101E-05	.3951E-0
58		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0445	.1260E-02	.3994E-03	0.0006	.5313E-06	.2921E-0
59		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0402	.1138E-02	.3697E-03	0.0013	.1033E-05	.3830E-0
60		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0363	.1027E-02	.3420E-03	0.0012	.9964E-06	.3762E-0
61		*	0.22	0.206	0.005	0.4648	0.0054	.0000E+00	.9443E-02	0.0421	.1192E-02	.3822E-03	0.0012	.9352E-06	.4543E-0
62		*	0.17	0.156	0.005	0.4648	0.0053	.0000E+00	.9214E-02	0.0623	.1763E-02	.5155E-03	0.0011	.8151E-06	.3400E-0
63		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0712	.2013E-02	.5707E-03	0.0011	.7545E-06	.3271E-0
64		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0645	.1824E-02	.5293E-03	0.0005	.3747E-06	.2439E-0
65		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0584	.1651E-02	.4907E-03	0.0011	.7287E-06	.4017E-0
66		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.0528	.1494E-02	.4547E-03	0.0011	.7129E-06	.3180E-0
67			0.25	0.172	0.079	0.4601	3.7547	.0000E+00	.2820E-01	0.0758	.2142E-02	.5947E-03	0.0010	.6247E-06	.2977E-0
68			0.00	0.000	0.090	0.4389	4.7120	.0000E+00	.3695E-01	0.1506	.4258E-02	.1008E-02	0.0004	.2248E-06	.1891E-0
69			0.00	0.000	0.081	0.4194	4.3140	.0000E+00	.3607E-01	0.2321	.6562E-02	.1404E-02	0.0008	.3570E-06	.2198E-0
70	*		0.98	0.000	0.043	0.4168	4.0138	.0000E+00	.3541E-01	0.3045	.8610E-02	.1728E-02	0.0006	.2504E-06	.2284E-0
71			0.12	0.000	0.000	0.4481	4.0003	.0000E+00	.3538E-01	0.3697	.1045E-01	.2005E-02	0.0005	.1560E-06	.1491E-0
72			0.00	0.000	0.030	0.4644	4.6062	.0000E+00	.3672E-01	0.4306	.1218E-01	.2254E-02	0.0004	.1114E-06	.1260E-0
73			0.00	0.373	0.018	0.5010	5.5989	.0000E+00	.3891E-01	0.4908	.1388E-01	.2492E-02	0.0003	.7744E-07	.1052E-0
74			0.00	0.000	0.125	0.4736	5.7240	.0000E+00	.3919E-01	0.5497	.1554E-01	.2718E-02	0.0003	.5230E-07	.8653E-0
75			0.00	0.000	0.086	0.4530	5.0824	.0000E+00	.3777E-01	0.6028	.1704E-01	.2918E-02	0.0002	.3571E-07	.7160E-0

76		0.60	0.178	0.095	0.5010	5.3150	.0000E+00	.3828E-01	0.6497	.1837E-01	.3091E-02	0.0001	.1256E-07	.4455E-0
77		0.00	0.000	0.078	0.4815	5.7994	.0000E+00	.3935E-01	0.6945	.1964E-01	.3253E-02	0.0002	.2095E-07	.5287E-0
78		0.00	0.000	0.104	0.4579	5.2454	.0000E+00	.3813E-01	0.7361	.2081E-01	.3403E-02	0.0002	.1507E-07	.4481E-0
79		0.00	0.000	0.123	0.4312	4.6990	.0000E+00	.3692E-01	0.7712	.2180E-01	.3527E-02	0.0001	.1166E-07	.3965E-0
80		0.00	0.000	0.113	0.4064	4.2111	.0000E+00	.3584E-01	0.8003	.2263E-01	.3629E-02	0.0001	.1019E-07	.3733E-0
81		0.00	0.000	0.082	0.3870	3.8125	.0000E+00	.3496E-01	0.8243	.2331E-01	.3713E-02	0.0001	.1007E-07	.3737E-0
82		0.06	0.000	0.077	0.3784	3.5339	.0000E+00	.3435E-01	0.8444	.2388E-01	.3782E-02	0.0001	.1102E-07	.3931E-0
83		0.67	0.013	0.092	0.4669	3.6354	.0000E+00	.3457E-01	0.8620	.2437E-01	.3843E-02	0.0001	.1283E-07	.4257E-0
84		0.00	0.000	0.121	0.4405	4.8084	.0000E+00	.3716E-01	0.8812	.2491E-01	.3908E-02	0.0002	.1497E-07	.4596E-0
85		0.00	0.000	0.123	0.4140	4.3513	.0000E+00	.3615E-01	0.9019	.2550E-01	.3979E-02	0.0002	.1714E-07	.4914E-0
86		0.00	0.000	0.124	0.3874	3.8827	.0000E+00	.3512E-01	0.9182	.2596E-01	.4035E-02	0.0002	.2024E-07	.5363E-0
87		0.11	0.000	0.096	0.3840	3.5434	.0000E+00	.3437E-01	0.9308	.2632E-01	.4077E-02	0.0002	.2493E-07	.5967E-0
88		0.00	0.000	0.139	0.3553	3.2286	.0000E+00	.3367E-01	0.9404	.2659E-01	.4110E-02	0.0002	.3125E-07	.6692E-0
89		0.20	0.000	0.102	0.3662	2.9118	.0000E+00	.3297E-01	0.9475	.2679E-01	.4134E-02	0.0002	.3933E-07	.7516E-0
90		0.74	0.024	0.100	0.4632	3.2498	.0000E+00	.3372E-01	0.9535	.2696E-01	.4154E-02	0.0003	.4898E-07	.8387E-0
91		2.20	1.846	0.087	0.5010	5.6771	.0000E+00	.3908E-01	0.9656	.2730E-01	.4195E-02	0.0003	.5822E-07	.9117E-0
92	*	0.25	0.000	0.046	0.4977	5.9653	.0000E+00	.3972E-01	0.9860	.2788E-01	.4263E-02	0.0003	.6506E-07	.9605E-0
93	*	0.00	0.000	0.082	0.4944	5.8733	.0000E+00	.3952E-01	1.0056	.2843E-01	.4328E-02	0.0003	.7151E-07	.1008E-0
94	*	0.00	0.000	0.088	0.4871	5.7582	.0000E+00	.3926E-01	1.0229	.2892E-01	.4386E-02	0.0004	.7953E-07	.1064E-0
95	*	0.16	0.000	0.081	0.4839	5.5935	.0000E+00	.3890E-01	1.0380	.2935E-01	.4436E-02	0.0004	.8948E-07	.1129E-0
96		0.11	0.004	0.075	0.4924	5.6270	.0000E+00	.3897E-01	1.0514	.2973E-01	.4480E-02	0.0004	.1014E-06	.1203E-0
97		0.02	0.000	0.080	0.4759	5.6053	.0000E+00	.3893E-01	1.0638	.3008E-01	.4521E-02	0.0004	.1150E-06	.1281E-0
98		0.68	0.411	0.079	0.5010	5.7344	.0000E+00	.3921E-01	1.0753	.3041E-01	.4559E-02	0.0004	.1301E-06	.1363E-0
99		0.00	0.000	0.118	0.4749	5.7370	.0000E+00	.3922E-01	1.0864	.3072E-01	.4595E-02	0.0005	.1467E-06	.1448E-0
100		0.00	0.000	0.167	0.4408	4.9982	.0000E+00	.3758E-01	1.0949	.3096E-01	.4623E-02	0.0005	.1656E-06	.1941E-0
101		0.41	0.009	0.128	0.4802	4.6958	.0000E+00	.3691E-01	1.0995	.3109E-01	.4638E-02	0.0005	.1937E-06	.1667E-0
102		0.00	0.000	0.139	0.4506	5.2124	.0000E+00	.3806E-01	1.1037	.3121E-01	.4652E-02	0.0006	.2189E-06	.1772E-0
103		0.00	0.000	0.144	0.4204	4.5717	.0000E+00	.3664E-01	1.1080	.3133E-01	.4666E-02	0.0006	.2451E-06	.1874E-0
104		0.00	0.000	0.163	0.3874	3.9929	.0000E+00	.3536E-01	1.1084	.3134E-01	.4667E-02	0.0007	.2757E-06	.1987E-0
105		1.44	0.578	0.144	0.5010	4.5423	.0000E+00	.3657E-01	1.1079	.3133E-01	.4665E-02	0.0007	.3080E-06	.2100E-0
106		0.00	0.000	0.196	0.4618	5.6070	.0000E+00	.3893E-01	1.1118	.3144E-01	.4678E-02	0.0004	.1685E-06	.1637E-0
107		0.00	0.000	0.163	0.4285	4.7451	.0000E+00	.3702E-01	1.1172	.3159E-01	.4696E-02	0.0007	.3586E-06	.2263E-0
108		0.00	0.000	0.179	0.3926	4.1203	.0000E+00	.3564E-01	1.1178	.3161E-01	.4698E-02	0.0008	.3902E-06	.2362E-0
109		0.28	0.000	0.151	0.4083	3.6405	.0000E+00	.3458E-01	1.1150	.3153E-01	.4688E-02	0.0008	.4264E-06	.3103E-0
110		0.84	0.116	0.131	0.5010	4.3309	.0000E+00	.3611E-01	1.1123	.3145E-01	.4680E-02	0.0009	.4740E-06	.2602E-0
111		0.00	0.000	0.162	0.4676	5.6644	.0000E+00	.3906E-01	1.1151	.3153E-01	.4689E-02	0.0009	.5052E-06	.2686E-0
112		0.00	0.000	0.186	0.4304	4.8162	.0000E+00	.3718E-01	1.1207	.3169E-01	.4707E-02	0.0009	.5333E-06	.2760E-0
113		0.54	0.023	0.165	0.4830	4.5696	.0000E+00	.3664E-01	1.1222	.3173E-01	.4712E-02	0.0009	.5665E-06	.2844E-0
114		0.07	0.000	0.159	0.4618	5.3163	.0000E+00	.3829E-01	1.1243	.3179E-01	.4719E-02	0.0010	.5988E-06	.2923E-0
115		0.03	0.000	0.126	0.4397	4.7425	.0000E+00	.3702E-01	1.1277	.3189E-01	.4730E-02	0.0010	.6293E-06	.2997E-0
116		0.00	0.000	0.165	0.4061	4.3580	.0000E+00	.3617E-01	1.1279	.3189E-01	.4730E-02	0.0010	.6638E-06	.3078E-0
117		0.00	0.000	0.157	0.3740	3.8635	.0000E+00	.3507E-01	1.1256	.3183E-01	.4723E-02	0.0010	.7013E-06	.3163E-0
118		0.01	0.000	0.131	0.3482	3.4621	.0000E+00	.3419E-01	1.1209	.3169E-01	.4708E-02	0.0011	.7416E-06	.3252E-0
119		0.00	0.000	0.203	0.3089	2.9172	.0000E+00	.3298E-01	1.1139	.3150E-01	.4685E-02	0.0011	.7842E-06	.3344E-0
120		0.00	0.000	0.202	0.2700	2.3075	.0000E+00	.3163E-01	1.1043	.3122E-01	.4653E-02	0.0006	.4112E-06	.2574E-0
121		0.00	0.000	0.163	0.2378	1.7304	.0000E+00	.3036E-01	1.0919	.3087E-01	.4613E-02	0.0012	.8634E-06	.3513E-0
122		0.00	0.000	0.161	0.2061	1.1777	.0000E+00	.2914E-01	1.0774	.3046E-01	.4565E-02	0.0012	.9121E-06	.3611E-0
123		2.39	0.599	0.146	0.4757	0.8649	.0000E+00	.2844E-01	1.0613	.3001E-01	.4513E-02	0.0012	.9616E-06	.3707E-0
124		0.21	0.000	0.135	0.4818	5.2394	.0000E+00	.3812E-01	1.0551	.2983E-01	.4492E-02	0.0012	.9991E-06	.3774E-0
125		0.04	0.000	0.117	0.4626	5.2909	.0000E+00	.3823E-01	1.0651	.3012E-01	.4525E-02	0.0013	.1012E-05	.3791E-0
126		0.00	0.000	0.210	0.4215	4.6953	.0000E+00	.3691E-01	1.0731	.3034E-01	.4552E-02	0.0013	.1016E-05	.3801E-0
127		0.07	0.000	0.176	0.3979	4.0417	.0000E+00	.3547E-01	1.0770	.3045E-01	.4564E-02	0.0013	.1027E-05	.3823E-0
128		0.14	0.000	0.177	0.3860	3.6119	.0000E+00	.3452E-01	1.0772	.3046E-01	.4565E-02	0.0013	.1045E-05	.3857E-0
129		0.00	0.000	0.235	0.3412	3.1702	.0000E+00	.3354E-01	1.0749	.3039E-01	.4557E-02	0.0013	.1066E-05	.3898E-0
130		0.00	0.000	0.216	0.2998	2.8022	.0000E+00	.3273E-01	1.0704	.3027E-01	.4543E-02	0.0013	.1091E-05	.3943E-0
131		0.00	0.000	0.221	0.2578	2.1311	.0000E+00	.3124E-01	1.0635	.3007E-01	.4520E-02	0.0013	.1119E-05	.3994E-0
132		0.00	0.000	0.252	0.2109	1.4118	.0000E+00	.2965E-01	1.0532	.2978E-01	.4486E-02	0.0013	.1150E-05	.4050E-0
133		0.00	0.000	0.205	0.1719	0.7227	.0000E+00	.2813E-01	1.0397	.2940E-01	.4441E-02	0.0014	.1186E-05	.4113E-0
134		0.00	0.000	0.088	0.1550	0.1514	.0000E+00	.1356E-01	1.0104	.2857E-01	.4344E-02	0.0014	.1239E-05	.5270E-0
135		0.00	0.000	0.070	0.1433	0.0000	.0000E+00	.0000E+00	0.9465	.2676E-01	.4130E-02	0.0015	.1390E-05	.4445E-0
136		0.00	0.000	0.050	0.1350	0.0000	.0000E+00	.0000E+00	0.8661	.2449E-01	.3857E-02	0.0015	.1547E-05	.4688E-0
137		0.09	0.000	0.011	0.1481	0.0000	.0000E+00	.0000E+00	0.7923	.2240E-01	.3601E-02	0.0016	.1683E-05	.4888E-0
138		0.00	0.000	0.021	0.1446	0.0000	.0000E+00	.0000E+00	0.7246	.2049E-01	.3361E-02	0.0017	.1797E-05	.5050E-0
139		0.00	0.000	0.030	0.1396	0.0000	.0000E+00	.0000E+00	0.6625	.1873E-01	.3137E-02	0.0017	.1890E-05	.5178E-0
140		0.00	0.000	0.022	0.1358	0.0000	.0000E+00	.0000E+00	0.6056	.1712E-01	.2928E-02	0.0017	.1963E-05	.5275E-0
141		0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.5534	.1565E-01	.2732E-02	0.0009	.1021E-05	.4023E-0
142		0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.5056	.1429E-01	.2549E-02	0.0018	.2027E-05	.5383E-0
143		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4617	.1306E-01	.2378E-02	0.0018	.2053E-05	.5416E-0
144		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4216	.1192E-01	.2218E-02	0.0018	.2065E-05	.5430E-0
145		0.14	0.000	0.018	0.1553	0.0000	.0000E+00	.0000E+00	0.3848	.1088E-01	.2068E-02	0.0018	.2065E-05	.5428E-0
146		0.01	0.000	0.018	0.1541	0.0000	.0000E+00	.0000E+00	0.3511	.9928E-02	.1928E-02	0.0018	.2040E-05	.6751E-0
147		0.03	0.000	0.027	0.1545	0.0000	.0000E+00	.0000E+00	0.3203	.9056E-02	.1797E-02	0.0009	.1037E-05	.4050E-0
148		0.04	0.000	0.028	0.1564	0.0000	.0000E+00	.0000E+00	0.2920	.8257E-02	.1674E-02	0.0018	.2009E-05	.5350E-0
149		0.20	0.000	0.028	0.1850	0.0000	.0000E+00	.0000E+00	0.2662	.7527E-02	.1560E-02	0.0017	.1976E-05	.5305E-0
150		0.20	0.000	0.031	0.2133	0.0000	.0000E+00	.0000E+00	0.2426	.6859E-02	.1453E-02	0.0017	.1938E-05	.5252E-0
151		0.28	0.000	0.036	0.2539	0.0000	.0000E+00	.0000E+00	0.2210	.6248E-02	.1353E-02	0.0017	.1881E-05	.6475E-0
152		0.00	0.000	0.035	0.2482	0.0000	.0000E+00	.0000E+00	0.2012	.5689E-02	.1260E-02	0.0017	.1847E-05	.5116E-0
153		0.41	0.000	0.040	0.3098	0.0000	.0000E+00	.0000E+00	0.1831	.5178E-02	.1172E-02	0.0017	.1799E-05	.5048E-0
154		0.00	0.000	0.316	0.2526	0.1879	.0000E+00	.2695E-01	0.1934	.5468E-02	.1222E-02	0.0016	.1661E-05	.4851E-0
155		0.00	0.000	0.301	0.1978	0.2203	.0000E+00	.2702E-01	0.2461	.6959E-02	.1469E-02	0.0015	.1414E-05	.4476E-0
156		0.10	0.000	0.223	0.1740	0.0613	.0000E+00	.2003E-01	0.2875	.8130E-02	.1655E-02	0.0014	.1236E-05	.4186E-0
157		0.00	0.000	0.104	0.1567	0.0000	.0000E+00	.0000E+00	0.2943	.8321E-02	.1684E-02	0.0013	.1165E-05	.4065E-0
158		0.11	0.000	0.077	0.1623	0.0000	.0000E+00	.0000E+00	0.2683	.7585E-02	.1569E-02	0.0014	.1179E-05	.4090E-0
159		0.00	0.000	0.078	0.1492	0.0000	.0000E+00	.0000E+00	0.2445	.6912E-02	.1462E-02	0.0014	.1187E-05	.4103E-0
160		0.00	0.000	0.064	0.1385	0.0000	.0000E+00	.0000E+00	0.2227	.6296E-02	.1361E-02	0.0014	.1190E-05	.4108E-0
161		0.00	0.000	0.019	0.1353	0.0000	.0000E+00	.0000E+00	0.2028	.5733E-02	.1267E-02	0.0014	.1188E-05	.4103E-0
162		0.41	0.000	0.035	0.1977	0.0000	.0000E+00	.0000E+00	0.1846	.5219E-02	.1179E-02	0.0014	.1181E-05	.4091E-0
163		0.00	0.000	0.050	0.1894	0.0000	.0000E+00	.0000E+00	0.1679	.4749E-02	.1097E-02	0.0013	.1170E-05	.4073E-0
164		0.00	0.000	0.069	0.1778	0.0000	.0000E+00	.0000E+00	0.1527	.4319E-02	.1021E-02	0.0013	.1157E-05	.4049E-0
165		0.00	0.000	0.064	0.1672	0.0000	.0000E+00	.0000E+00	0.1389	.3926E-02	.9493E-03	0.0013	.1140E-05	.4020E-0
166		0.00	0.000	0.065	0.1563	0.0000	.0000E+00	.0000E+00	0.1262	.3568E-02	.8825E-03	0.0013	.1121E-05	.3987E-0
167		0.00	0.000	0.065	0.1455	0.0000	.0000E+00	.0000E+00	0.1146	.3241E-02	.8202E-03	0.0013	.1101E-05	.3950E-0
168		0.00	0.000	0.051	0.1370	0.0000	.0000E+00	.0000E+00	0.1041	.2943E-02	.7620E-03	0.0007	.5461E-06	.2942E-0
169		0.00	0.000	0.009	0.1355	0.0000	.0000E+00	.0000E+00	0.0945	.2671E-02	.7077E-03	0.0013	.1057E-05	.3879E-0
170		0.00	0.000	0.003	0.1350	0.0000	.0000E+00	.0000E+00	0.0857	.2423E-02	.6571E-03	0.0013	.1034E-05	.3835E-0
171		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0777	.2196E-02	.6098E-03	0.0012	.1009E-05	.3789E-0

172	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0704	.1990E-02	.5658E-03	0.0012	.9845E-06	.3742E-0
173	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0638	.1803E-02	.5247E-03	0.0012	.9592E-06	.3693E-0
174	0.66	0.000	0.048	0.2369	0.0000	.0000E+00	.0000E+00	0.0577	.1632E-02	.4864E-03	0.0012	.9338E-06	.3643E-0
175	0.00	0.000	0.233	0.1980	0.0000	.0000E+00	.0000E+00	0.0522	.1476E-02	.4507E-03	0.0012	.9083E-06	.3593E-0
176	0.00	0.000	0.081	0.1845	0.0000	.0000E+00	.0000E+00	0.0472	.1335E-02	.4175E-03	0.0012	.8829E-06	.3542E-0
177	0.01	0.000	0.071	0.1743	0.0000	.0000E+00	.0000E+00	0.0427	.1206E-02	.3865E-03	0.0012	.8578E-06	.3491E-0
178	0.00	0.000	0.084	0.1603	0.0000	.0000E+00	.0000E+00	0.0385	.1090E-02	.3577E-03	0.0011	.8329E-06	.3440E-0
179	0.00	0.000	0.090	0.1453	0.0000	.0000E+00	.0000E+00	0.0348	.9835E-03	.3308E-03	0.0011	.8084E-06	.3389E-0
180	0.00	0.000	0.055	0.1361	0.0000	.0000E+00	.0000E+00	0.0314	.8871E-03	.3059E-03	0.0011	.7843E-06	.3338E-0
181	0.00	0.000	0.007	0.1350	0.0000	.0000E+00	.0000E+00	0.0283	.7997E-03	.2827E-03	0.0011	.7607E-06	.3287E-0
182	0.18	0.000	0.044	0.1576	0.0000	.0000E+00	.0000E+00	0.0255	.7203E-03	.2611E-03	0.0011	.7376E-06	.3237E-0
183	0.72	0.002	0.072	0.2653	0.0000	.0000E+00	.0000E+00	0.0229	.6484E-03	.2410E-03	0.0010	.7111E-06	.3974E-0
184	0.00	0.000	0.224	0.2279	0.0000	.0000E+00	.0000E+00	0.0206	.5832E-03	.2223E-03	0.0010	.6886E-06	.3125E-0
185	0.00	0.000	0.267	0.1834	0.0000	.0000E+00	.0000E+00	0.0185	.5242E-03	.2050E-03	0.0010	.6673E-06	.3076E-0
186	0.00	0.000	0.255	0.1410	0.0000	.0000E+00	.0000E+00	0.0167	.4708E-03	.1889E-03	0.0005	.3232E-06	.2277E-0
187	0.00	0.000	0.036	0.1350	0.0000	.0000E+00	.0000E+00	0.0149	.4225E-03	.1740E-03	0.0010	.6305E-06	.2992E-0
188	1.05	0.036	0.145	0.2798	0.0000	.0000E+00	.0000E+00	0.0134	.3788E-03	.1602E-03	0.0010	.6108E-06	.2945E-0
189	0.00	0.000	0.267	0.2354	0.0000	.0000E+00	.0000E+00	0.0120	.3394E-03	.1473E-03	0.0010	.5918E-06	.2899E-0
190	0.00	0.000	0.244	0.1947	0.0000	.0000E+00	.0000E+00	0.0107	.3038E-03	.1354E-03	0.0009	.5733E-06	.2853E-0
191	0.00	0.000	0.222	0.1577	0.0000	.0000E+00	.0000E+00	0.0096	.2716E-03	.1244E-03	0.0009	.5528E-06	.3503E-0
192	0.00	0.000	0.113	0.1389	0.0000	.0000E+00	.0000E+00	0.0086	.2427E-03	.1142E-03	0.0009	.5345E-06	.2754E-0
193	0.49	0.000	0.118	0.2009	0.0000	.0000E+00	.0000E+00	0.0077	.2166E-03	.1047E-03	0.0005	.2614E-06	.2038E-0
194	0.04	0.000	0.206	0.1733	0.0000	.0000E+00	.0000E+00	0.0068	.1931E-03	.9595E-04	0.0009	.5054E-06	.2679E-0
195	0.71	0.001	0.156	0.2656	0.0000	.0000E+00	.0000E+00	0.0061	.1720E-03	.8787E-04	0.0009	.4898E-06	.2637E-0
196	0.00	0.000	0.275	0.2198	0.0000	.0000E+00	.0000E+00	0.0054	.1530E-03	.8039E-04	0.0009	.4747E-06	.2596E-0
197	0.00	0.000	0.296	0.1704	0.0000	.0000E+00	.0000E+00	0.0048	.1360E-03	.7349E-04	0.0008	.4601E-06	.2556E-0
198	0.00	0.000	0.188	0.1391	0.0000	.0000E+00	.0000E+00	0.0043	.1207E-03	.6712E-04	0.0008	.4461E-06	.2517E-0
199	0.00	0.000	0.024	0.1350	0.0000	.0000E+00	.0000E+00	0.0038	.1070E-03	.6124E-04	0.0008	.4326E-06	.2478E-0
200	0.01	0.000	0.010	0.1350	0.0000	.0000E+00	.0000E+00	0.0033	.9470E-04	.5583E-04	0.0008	.4195E-06	.2441E-0
201	0.08	0.000	0.028	0.1437	0.0000	.0000E+00	.0000E+00	0.0030	.8372E-04	.5084E-04	0.0008	.4051E-06	.2998E-0
202	0.00	0.000	0.037	0.1376	0.0000	.0000E+00	.0000E+00	0.0026	.7392E-04	.4624E-04	0.0008	.3919E-06	.2358E-0
203	0.00	0.000	0.011	0.1357	0.0000	.0000E+00	.0000E+00	0.0023	.6516E-04	.4202E-04	0.0008	.3803E-06	.2323E-0
204	0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.0020	.5735E-04	.3814E-04	0.0004	.1845E-06	.1720E-0
205	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0018	.5040E-04	.3457E-04	0.0007	.3608E-06	.2263E-0
206	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0016	.4422E-04	.3130E-04	0.0007	.3502E-06	.2230E-0
207	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0014	.3873E-04	.2830E-04	0.0007	.3401E-06	.2198E-0
208	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0012	.3385E-04	.2555E-04	0.0007	.3303E-06	.2166E-0
209	0.56	0.000	0.105	0.2108	0.0000	.0000E+00	.0000E+00	0.0010	.2954E-04	.2304E-04	0.0007	.3209E-06	.2135E-0
210	0.00	0.000	0.144	0.1869	0.0000	.0000E+00	.0000E+00	0.0009	.2572E-04	.2077E-04	0.0007	.3118E-06	.2104E-0
211	0.00	0.000	0.157	0.1606	0.0000	.0000E+00	.0000E+00	0.0008	.2235E-04	.1859E-04	0.0007	.3030E-06	.2074E-0
212	0.00	0.000	0.130	0.1389	0.0000	.0000E+00	.0000E+00	0.0007	.1938E-04	.1671E-04	0.0007	.2935E-06	.2552E-0
213	0.01	0.000	0.029	0.1357	0.0000	.0000E+00	.0000E+00	0.0006	.1676E-04	.1497E-04	0.0007	.2845E-06	.2010E-0
214	0.31	0.000	0.074	0.1751	0.0000	.0000E+00	.0000E+00	0.0005	.1446E-04	.1338E-04	0.0007	.2766E-06	.1982E-0
215	1.45	0.184	0.195	0.3537	0.0000	.0000E+00	.0000E+00	0.0004	.1245E-04	.1194E-04	0.0006	.2691E-06	.1955E-0
216	0.00	0.000	0.291	0.3005	1.1341	.0000E+00	.2904E-01	0.0292	.8244E-03	.2681E-03	0.0006	.1974E-06	.1674E-0
217	0.00	0.000	0.310	0.2438	1.3414	.0000E+00	.2950E-01	0.1021	.2887E-02	.7485E-03	0.0002	.4905E-07	.8863E-0
218	0.11	0.000	0.266	0.2130	1.0102	.0000E+00	.2877E-01	0.1686	.4766E-02	.1100E-02	0.0003	.6568E-07	.9158E-0
219	1.60	0.213	0.171	0.4110	0.8047	.0000E+00	.2831E-01	0.2276	.6437E-02	.1384E-02	0.0002	.3092E-07	.7600E-0
220	0.04	0.000	0.200	0.3788	3.0909	.0000E+00	.3337E-01	0.2860	.8085E-02	.1647E-02	0.0001	.6476E-08	.3047E-0
221	0.00	0.000	0.249	0.3317	3.1210	.0000E+00	.3343E-01	0.3475	.9825E-02	.1912E-02	0.0000	.2654E-09	.6278E-0
222	0.31	0.000	0.224	0.3406	2.6930	.0000E+00	.3249E-01	0.4030	.1139E-01	.2142E-02	0.0000	.0000E+00	.1110E-1
223	0.00	0.000	0.202	0.3017	2.3470	.0000E+00	.3172E-01	0.4515	.1277E-01	.2337E-02	0.0000	.0000E+00	.0000E+0
224	0.00	0.000	0.205	0.2624	1.9248	.0000E+00	.3079E-01	0.4938	.1396E-01	.2504E-02	0.0000	.0000E+00	.0000E+0
225	0.00	0.000	0.219	0.2210	1.4309	.0000E+00	.2970E-01	0.5300	.1499E-01	.2643E-02	0.0000	.0000E+00	.0000E+0
226	0.00	0.000	0.197	0.1835	0.9147	.0000E+00	.2855E-01	0.5603	.1584E-01	.2758E-02	0.0000	.0000E+00	.0000E+0
227	0.05	0.000	0.128	0.1659	0.4338	.0000E+00	.2749E-01	0.5851	.1655E-01	.2852E-02	0.0000	.0000E+00	.0000E+0
228	0.00	0.000	0.175	0.1368	0.0170	.0000E+00	.0000E+00	0.5789	.1637E-01	.2828E-02	0.0000	.0000E+00	.0000E+0
229	0.00	0.000	0.007	0.1355	0.0000	.0000E+00	.0000E+00	0.5289	.1496E-01	.2639E-02	0.0000	.0000E+00	.0000E+0
230	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.4831	.1366E-01	.2462E-02	0.0000	.0000E+00	.0000E+0
231	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.4412	.1247E-01	.2296E-02	0.0000	.4045E-09	.7767E-0
232	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.4028	.1139E-01	.2141E-02	0.0001	.4970E-08	.2678E-0
233	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.3676	.1039E-01	.1996E-02	0.0001	.1366E-07	.4425E-0
234	0.26	0.000	0.099	0.1618	0.0000	.0000E+00	.0000E+00	0.3353	.9481E-02	.1861E-02	0.0002	.2542E-07	.6026E-0
235	0.00	0.000	0.068	0.1505	0.0000	.0000E+00	.0000E+00	0.3058	.8647E-02	.1734E-02	0.0002	.3934E-07	.7491E-0
236	0.00	0.000	0.080	0.1371	0.0000	.0000E+00	.0000E+00	0.2788	.7884E-02	.1616E-02	0.0003	.5469E-07	.8828E-0
237	0.00	0.000	0.010	0.1355	0.0000	.0000E+00	.0000E+00	0.2541	.7185E-02	.1506E-02	0.0003	.7085E-07	.1004E-0
238	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.2315	.6546E-02	.1402E-02	0.0004	.8734E-07	.1115E-0
239	0.42	0.000	0.087	0.1906	0.0000	.0000E+00	.0000E+00	0.2108	.5962E-02	.1305E-02	0.0004	.1038E-06	.1215E-0
240	0.85	0.026	0.172	0.2992	0.0000	.0000E+00	.0000E+00	0.1919	.5427E-02	.1215E-02	0.0004	.1198E-06	.1305E-0
241	0.00	0.000	0.224	0.2618	0.0000	.0000E+00	.0000E+00	0.1747	.4939E-02	.1131E-02	0.0005	.1352E-06	.1386E-0
242	0.00	0.000	0.212	0.2264	0.0000	.0000E+00	.0000E+00	0.1589	.4493E-02	.1052E-02	0.0005	.1498E-06	.1459E-0
243	0.23	0.000	0.143	0.2409	0.0000	.0000E+00	.0000E+00	0.1445	.4085E-02	.9785E-03	0.0005	.1635E-06	.1524E-0
244	0.00	0.000	0.176	0.2117	0.0000	.0000E+00	.0000E+00	0.1313	.3713E-02	.9098E-03	0.0005	.1761E-06	.1582E-0
245	0.00	0.000	0.255	0.1691	0.0000	.0000E+00	.0000E+00	0.1193	.3374E-02	.8456E-03	0.0003	.9426E-07	.1226E-0
246	0.00	0.000	0.192	0.1372	0.0000	.0000E+00	.0000E+00	0.1084	.3064E-02	.7858E-03	0.0005	.1939E-06	.1667E-0
247	0.00	0.000	0.012	0.1351	0.0000	.0000E+00	.0000E+00	0.0984	.2781E-02	.7299E-03	0.0006	.2036E-06	.1708E-0
248	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0892	.2523E-02	.6777E-03	0.0006	.2123E-06	.1743E-0
249	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0809	.2288E-02	.6291E-03	0.0006	.2199E-06	.1774E-0
250	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0733	.2074E-02	.5837E-03	0.0006	.2266E-06	.1799E-0
251	0.52	0.000	0.069	0.2102	0.0000	.0000E+00	.0000E+00	0.0664	.1879E-02	.5414E-03	0.0006	.2315E-06	.2276E-0
252	1.24	0.144	0.150	0.3680	0.0000	.0000E+00	.0000E+00	0.0602	.1701E-02	.5020E-03	0.0006	.2393E-06	.1843E-0
253	0.00	0.000	0.184	0.3322	1.6225	.0000E+00	.3012E-01	0.0843	.2385E-02	.6457E-03	0.0006	.1986E-06	.1680E-0
254	0.00	0.000	0.117	0.3076	1.7998	.0000E+00	.3051E-01	0.1551	.4385E-02	.1031E-02	0.0002	.5791E-07	.9628E-0
255	0.00	0.000	0.143	0.2787	1.6086	.0000E+00	.3009E-01	0.2199	.6218E-02	.1347E-02	0.0004	.8356E-07	.1046E-0
256	0.00	0.000	0.143	0.2500	1.4129	.0000E+00	.2966E-01	0.2780	.7862E-02	.1612E-02	0.0003	.4653E-07	.7769E-0
257	0.00	0.000	0.103	0.2279	1.2252	.0000E+00	.2924E-01	0.3301	.9334E-02	.1839E-02	0.0002	.2438E-07	.5579E-0
258	0.00	0.000	0.147	0.1986	0.9708	.0000E+00	.2868E-01	0.3766	.1065E-01	.2034E-02	0.0001	.1158E-07	.3792E-0
259	0.00	0.000	0.156	0.1680	0.6339	.0000E+00	.2793E-01	0.4174	.1180E-01	.2201E-02	0.0001	.4697E-08	.2355E-0
260	0.09	0.000	0.118	0.1622	0.0803	.0000E+00	.6757E-02	0.4326	.1223E-01	.2262E-02	0.0001	.2495E-08	.2303E-0
261	0.00	0.000	0.148	0.1375	0.0000	.0000E+00	.0000E+00	0.4058	.1147E-01	.2154E-02	0.0001	.7089E-08	.3195E-0
262	0.00	0.000	0.011	0.1357	0.0000	.0000E+00	.0000E+00	0.3703	.1047E-01	.2008E-02	0.0002	.1711E-07	.4950E-0
263	0.00	0.000	0.003	0.1352	0.0000	.0000E+00	.0000E+00	0.3379	.9554E-02	.1872E-02	0.0002	.3010E-07	.6557E-0
264	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.3082	.8713E-02	.1745E-02	0.0001	.2258E-07	.6003E-0
265	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2810	.7944E-02	.1626E-02	0.0003	.5552E-07	.9034E-0
266	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2561	.7240E-02	.1514E-02	0.0003	.7234E-07	.1028E-0
267	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2333	.6597E-02	.1410E-02	0.0004	.8953E-07	.1141E-0

268		0.05	0.000	0.028	0.1387	0.0000	.0000E+00	.0000E+00	0.2125	.6008E-02	.1313E-02	0.0004	.1067E-06	.1244E-0
269		0.22	0.000	0.050	0.1671	0.0000	.0000E+00	.0000E+00	0.1934	.5470E-02	.1222E-02	0.0004	.1234E-06	.1336E-0
270		0.04	0.000	0.040	0.1670	0.0000	.0000E+00	.0000E+00	0.1760	.4978E-02	.1138E-02	0.0005	.1396E-06	.1419E-0
271		0.00	0.000	0.031	0.1619	0.0000	.0000E+00	.0000E+00	0.1602	.4528E-02	.1058E-02	0.0005	.1549E-06	.1493E-0
272		0.13	0.000	0.054	0.1746	0.0000	.0000E+00	.0000E+00	0.1456	.4118E-02	.9844E-03	0.0005	.1689E-06	.1953E-0
273		0.00	0.000	0.032	0.1693	0.0000	.0000E+00	.0000E+00	0.1324	.3743E-02	.9153E-03	0.0005	.1876E-06	.1633E-0
274		0.00	0.000	0.027	0.1648	0.0000	.0000E+00	.0000E+00	0.1203	.3401E-02	.8508E-03	0.0003	.1002E-06	.1264E-0
275		0.00	0.000	0.024	0.1608	0.0000	.0000E+00	.0000E+00	0.1092	.3088E-02	.7905E-03	0.0006	.2056E-06	.1717E-0
276		0.00	0.000	0.022	0.1571	0.0000	.0000E+00	.0000E+00	0.0991	.2803E-02	.7343E-03	0.0006	.2155E-06	.1756E-0
277		0.00	0.000	0.022	0.1535	0.0000	.0000E+00	.0000E+00	0.0900	.2544E-02	.6819E-03	0.0006	.2242E-06	.1791E-0
278		0.00	0.000	0.018	0.1505	0.0000	.0000E+00	.0000E+00	0.0816	.2307E-02	.6330E-03	0.0006	.2311E-06	.2276E-0
279		0.00	0.000	0.023	0.1466	0.0000	.0000E+00	.0000E+00	0.0739	.2091E-02	.5874E-03	0.0006	.2414E-06	.1852E-0
280		0.00	0.000	0.022	0.1430	0.0000	.0000E+00	.0000E+00	0.0670	.1894E-02	.5448E-03	0.0006	.2466E-06	.1871E-0
281		0.00	0.000	0.023	0.1391	0.0000	.0000E+00	.0000E+00	0.0607	.1715E-02	.5051E-03	0.0006	.2509E-06	.1888E-0
282		0.00	0.000	0.019	0.1359	0.0000	.0000E+00	.0000E+00	0.0549	.1552E-02	.4682E-03	0.0006	.2543E-06	.1900E-0
283		0.00	0.000	0.005	0.1351	0.0000	.0000E+00	.0000E+00	0.0497	.1404E-02	.4337E-03	0.0003	.1293E-06	.1435E-0
284		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0449	.1269E-02	.4017E-03	0.0006	.2573E-06	.1915E-0
285		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0405	.1147E-02	.3718E-03	0.0006	.2587E-06	.1920E-0
286		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0366	.1035E-02	.3440E-03	0.0006	.2594E-06	.1923E-0
287		0.56	0.000	0.042	0.2213	0.0000	.0000E+00	.0000E+00	0.0330	.9340E-03	.3181E-03	0.0006	.2596E-06	.1923E-0
288		0.00	0.000	0.017	0.2184	0.0000	.0000E+00	.0000E+00	0.0298	.8422E-03	.2940E-03	0.0006	.2592E-06	.1921E-0
289		0.00	0.000	0.019	0.2153	0.0000	.0000E+00	.0000E+00	0.0268	.7589E-03	.2716E-03	0.0006	.2583E-06	.1918E-0
290		0.00	0.000	0.018	0.2123	0.0000	.0000E+00	.0000E+00	0.0242	.6834E-03	.2508E-03	0.0006	.2570E-06	.1913E-0
291		0.00	0.000	0.018	0.2093	0.0000	.0000E+00	.0000E+00	0.0217	.6149E-03	.2315E-03	0.0006	.2553E-06	.1907E-0
292		0.00	0.000	0.018	0.2062	0.0000	.0000E+00	.0000E+00	0.0196	.5529E-03	.2135E-03	0.0006	.2533E-06	.2371E-0
293		0.10	0.000	0.045	0.2154	0.0000	.0000E+00	.0000E+00	0.0176	.4968E-03	.1968E-03	0.0006	.2509E-06	.1887E-0
294		0.00	0.000	0.018	0.2125	0.0000	.0000E+00	.0000E+00	0.0158	.4460E-03	.1813E-03	0.0006	.2482E-06	.1877E-0
295		0.01	0.000	0.026	0.2098	0.0000	.0000E+00	.0000E+00	0.0141	.4001E-03	.1669E-03	0.0003	.1235E-06	.1402E-0
296		0.00	0.000	0.017	0.2069	0.0000	.0000E+00	.0000E+00	0.0127	.3586E-03	.1536E-03	0.0006	.2424E-06	.2318E-0
297		0.38	0.000	0.045	0.2628	0.0000	.0000E+00	.0000E+00	0.0114	.3211E-03	.1412E-03	0.0006	.2388E-06	.1841E-0
298		0.00	0.000	0.048	0.2547	0.0000	.0000E+00	.0000E+00	0.0102	.2873E-03	.1298E-03	0.0006	.2354E-06	.1828E-0
299		0.00	0.000	0.035	0.2488	0.0000	.0000E+00	.0000E+00	0.0091	.2568E-03	.1192E-03	0.0006	.2318E-06	.1814E-0
300		0.00	0.000	0.030	0.2437	0.0000	.0000E+00	.0000E+00	0.0081	.2293E-03	.1093E-03	0.0006	.2282E-06	.1800E-0
301		0.00	0.000	0.048	0.2357	0.0000	.0000E+00	.0000E+00	0.0072	.2045E-03	.1002E-03	0.0006	.2245E-06	.1785E-0
302		0.00	0.000	0.070	0.2241	0.0000	.0000E+00	.0000E+00	0.0064	.1822E-03	.9182E-04	0.0006	.2207E-06	.1770E-0
303		0.00	0.000	0.056	0.2148	0.0000	.0000E+00	.0000E+00	0.0057	.1622E-03	.8405E-04	0.0006	.2169E-06	.1755E-0
304		0.00	0.000	0.048	0.2068	0.0000	.0000E+00	.0000E+00	0.0051	.1442E-03	.7686E-04	0.0006	.2131E-06	.1740E-0
305		1.63	0.221	0.063	0.4301	0.0164	.0000E+00	.6669E-02	0.0111	.3149E-03	.1367E-03	0.0005	.1936E-06	.1658E-0
306		0.66	0.143	0.054	0.5010	4.6922	.0000E+00	.3691E-01	0.0572	.1618E-02	.4730E-03	0.0004	.1201E-06	.1306E-0
307		0.02	0.000	0.051	0.4892	5.8842	.0000E+00	.3954E-01	0.1503	.4249E-02	.1005E-02	0.0003	.4165E-07	.7699E-0
308		0.00	0.000	0.041	0.4759	5.5667	.0000E+00	.3884E-01	0.2387	.6749E-02	.1434E-02	0.0001	.8576E-08	.3502E-0
309		0.00	0.000	0.051	0.4610	5.1990	.0000E+00	.3803E-01	0.3176	.8980E-02	.1785E-02	0.0000	.2276E-10	.1853E-0
310		0.69	0.353	0.058	0.5010	5.5532	.0000E+00	.3881E-01	0.3893	.1101E-01	.2086E-02	0.0000	.0000E+00	.0000E+0
311		0.00	0.000	0.046	0.4867	5.8525	.0000E+00	.3947E-01	0.4569	.1292E-01	.2358E-02	0.0000	.0000E+00	.0000E+0
312		0.19	0.024	0.056	0.4985	5.7031	.0000E+00	.3914E-01	0.5195	.1469E-01	.2603E-02	0.0000	.0000E+00	.0000E+0
313		0.00	0.000	0.048	0.4840	5.7843	.0000E+00	.3932E-01	0.5765	.1630E-01	.2819E-02	0.0000	.0000E+00	.0000E+0
314		0.00	0.000	0.052	0.4690	5.3952	.0000E+00	.3846E-01	0.6283	.1776E-01	.3012E-02	0.0000	.0000E+00	.0000E+0
315		0.00	0.000	0.057	0.4532	4.9986	.0000E+00	.3758E-01	0.6734	.1904E-01	.3177E-02	0.0000	.0000E+00	.0000E+0
316		0.00	0.000	0.055	0.4379	4.6597	.0000E+00	.3683E-01	0.7127	.2015E-01	.3319E-02	0.0000	.0000E+00	.0000E+0
317		0.00	0.000	0.053	0.4230	4.3457	.0000E+00	.3614E-01	0.7468	.2112E-01	.3440E-02	0.0000	.0000E+00	.0000E+0
318		0.00	0.000	0.055	0.4079	4.0393	.0000E+00	.3546E-01	0.7763	.2195E-01	.3545E-02	0.0000	.0000E+00	.0000E+0
319		0.00	0.000	0.044	0.3947	3.7876	.0000E+00	.3491E-01	0.8017	.2267E-01	.3634E-02	0.0000	.0000E+00	.0000E+0
320		0.00	0.000	0.040	0.3824	3.5633	.0000E+00	.3441E-01	0.8236	.2329E-01	.3710E-02	0.0000	.0000E+00	.0000E+0
321	*	0.11	0.000	0.034	0.3800	3.3680	.0000E+00	.3398E-01	0.8424	.2382E-01	.3775E-02	0.0000	.0000E+00	.0000E+0
322		0.00	0.000	0.052	0.3751	3.2120	.0000E+00	.3363E-01	0.8587	.2428E-01	.3831E-02	0.0000	.0000E+00	.0000E+0
323		0.00	0.000	0.043	0.3623	3.0560	.0000E+00	.3329E-01	0.8727	.2468E-01	.3880E-02	0.0000	.0000E+00	.0000E+0
324		0.00	0.000	0.046	0.3492	2.9429	.0000E+00	.3304E-01	0.8848	.2502E-01	.3921E-02	0.0000	.0000E+00	.0000E+0
325		1.07	0.088	0.070	0.4955	3.2517	.0000E+00	.3372E-01	0.8962	.2534E-01	.3960E-02	0.0000	.0000E+00	.0000E+0
326		0.00	0.000	0.050	0.4807	5.6966	.0000E+00	.3913E-01	0.9131	.2582E-01	.4017E-02	0.0000	.0000E+00	.0000E+0
327		0.21	0.014	0.060	0.4969	5.5798	.0000E+00	.3887E-01	0.9370	.2649E-01	.4098E-02	0.0000	.0000E+00	.0000E+0
328		0.00	0.000	0.054	0.4814	5.7287	.0000E+00	.3920E-01	0.9589	.2711E-01	.4172E-02	0.0000	.0000E+00	.0000E+0
329		0.00	0.000	0.049	0.4668	5.3292	.0000E+00	.3831E-01	0.9786	.2767E-01	.4238E-02	0.0000	.0000E+00	.0000E+0
330		0.00	0.000	0.042	0.4536	4.9696	.0000E+00	.3752E-01	0.9945	.2812E-01	.4291E-02	0.0000	.0000E+00	.0000E+0
331		0.05	0.000	0.055	0.4466	4.6899	.0000E+00	.3690E-01	1.0072	.2848E-01	.4334E-02	0.0000	.0000E+00	.0000E+0
332	*	0.00	0.000	0.031	0.4354	4.4517	.0000E+00	.3637E-01	1.0173	.2876E-01	.4367E-02	0.0000	.0000E+00	.0000E+0
333		0.00	0.000	0.039	0.4229	4.1951	.0000E+00	.3581E-01	1.0252	.2899E-01	.4393E-02	0.0000	.0000E+00	.0000E+0
334		0.00	0.000	0.038	0.4107	3.9352	.0000E+00	.3523E-01	1.0309	.2915E-01	.4412E-02	0.0000	.0000E+00	.0000E+0
335		0.00	0.000	0.039	0.3985	3.7132	.0000E+00	.3474E-01	1.0348	.2926E-01	.4425E-02	0.0000	.0000E+00	.0000E+0
336	*	0.00	0.000	0.030	0.3877	3.5003	.0000E+00	.3427E-01	1.0371	.2932E-01	.4433E-02	0.0000	.0000E+00	.0000E+0
337		0.00	0.000	0.039	0.3755	3.2922	.0000E+00	.3381E-01	1.0380	.2935E-01	.4436E-02	0.0000	.0000E+00	.0000E+0
338		1.63	0.786	0.055	0.5010	4.3850	.0000E+00	.3623E-01	1.0404	.2942E-01	.4444E-02	0.0000	.0000E+00	.0000E+0
339		0.00	0.000	0.047	0.4867	5.8522	.0000E+00	.3947E-01	1.0498	.2968E-01	.4475E-02	0.0000	.0000E+00	.0000E+0
340		0.00	0.000	0.036	0.4742	5.4885	.0000E+00	.3867E-01	1.0628	.3005E-01	.4518E-02	0.0000	.0000E+00	.0000E+0
341		0.00	0.000	0.033	0.4623	5.1636	.0000E+00	.3795E-01	1.0728	.3033E-01	.4550E-02	0.0000	.0000E+00	.0000E+0
342	*	0.00	0.000	0.029	0.4513	4.8729	.0000E+00	.3731E-01	1.0801	.3054E-01	.4575E-02	0.0000	.0000E+00	.0000E+0
343	*	0.00	0.000	0.027	0.4407	4.6271	.0000E+00	.3676E-01	1.0853	.3069E-01	.4591E-02	0.0000	.0000E+00	.0000E+0
344	*	0.00	0.000	0.026	0.4303	4.3871	.0000E+00	.3623E-01	1.0886	.3078E-01	.4602E-02	0.0000	.2303E-09	.5484E-0
345	*	0.00	0.000	0.000	0.4243	4.1768	.0000E+00	.3577E-01	1.0904	.3083E-01	.4608E-02	0.0001	.2368E-08	.1891E-0
346	*	0.00	0.000	0.025	0.4142	3.9890	.0000E+00	.3535E-01	1.0908	.3084E-01	.4610E-02	0.0001	.7203E-08	.3270E-0
347	*	0.01	0.000	0.010	0.4084	3.7973	.0000E+00	.3493E-01	1.0901	.3082E-01	.4607E-02	0.0001	.1488E-07	.4675E-0
348	*	0.00	0.000	0.000	0.4026	3.6369	.0000E+00	.3457E-01	1.0885	.3078E-01	.4602E-02	0.0002	.2547E-07	.6096E-0
349	*	0.00	0.000	0.033	0.3914	3.4595	.0000E+00	.3418E-01	1.0860	.3071E-01	.4594E-02	0.0002	.3899E-07	.7523E-0
350		0.00	0.000	0.038	0.3795	3.2503	.0000E+00	.3372E-01	1.0826	.3061E-01	.4583E-02	0.0003	.5544E-07	.8956E-0
351	*	0.00	0.000	0.029	0.3691	3.0435	.0000E+00	.3326E-01	1.0783	.3049E-01	.4569E-02	0.0003	.7482E-07	.1039E-0
352		0.00	0.000	0.033	0.3582	2.8582	.0000E+00	.3285E-01	1.0732	.3035E-01	.4552E-02	0.0004	.9701E-07	.1182E-0
353	*	0.00	0.000	0.029	0.3480	2.6819	.0000E+00	.3246E-01	1.0675	.3018E-01	.4533E-02	0.0004	.1218E-06	.1324E-0
354		0.00	0.000	0.041	0.3359	2.5057	.0000E+00	.3207E-01	1.0613	.3001E-01	.4513E-02	0.0005	.1490E-06	.1463E-0
355		0.00	0.000	0.033	0.3250	2.3276	.0000E+00	.3168E-01	1.0545	.2982E-01	.4490E-02	0.0005	.1784E-06	.1600E-0
356	*	0.23	0.000	0.030	0.3231	2.1652	.0000E+00	.3132E-01	1.0473	.2961E-01	.4467E-02	0.0006	.2098E-06	.1734E-0
357	*	0.00	0.000	0.035	0.3212	2.0014	.0000E+00	.3096E-01	1.0397	.2940E-01	.4442E-02	0.0006	.2428E-06	.1865E-0
358	*	0.00	0.000	0.030	0.3194	1.8794	.0000E+00	.3069E-01	1.0320	.2918E-01	.4416E-02	0.0007	.2771E-06	.1991E-0
359	*	0.12	0.000	0.000	0.3176	1.7385	.0000E+00	.3038E-01	1.0241	.2896E-01	.4390E-02	0.0007	.3124E-06	.2114E-0
360		0.02	0.000	0.000	0.3194	1.5990	.0000E+00	.3007E-01	1.0160	.2873E-01	.4363E-02	0.0007	.3485E-06	.2232E-0
361		1.61	0.642	0.000	0.5010	3.0065	.0000E+00	.3318E-01	1.0113	.2859E-01	.4347E-02	0.0008	.3815E-06	.2335E-0
362		0.00	0.000	0.051	0.4860	5.8454	.0000E+00	.3946E-01	1.0181	.2879E-01	.4370E-02	0.0008	.4021E-06	.2397E-0
363		0.00	0.000	0.048	0.4716	5.4522	.0000E+00	.3859E-01	1.0337	.2923E-01	.4421E-02	0.0008	.4134E-06	.2430E-0

364	0.00	0.000	0.040	0.4586	5.0853	.0000E+00	.3778E-01	1.0457	.2957E-01	.4461E-02	0.0008	.4294E-06	.2477E-0
365	0.00	0.000	0.040	0.4457	4.7810	.0000E+00	.3710E-01	1.0548	.2982E-01	.4491E-02	0.0004	.2246E-06	.1892E-0
366	0.00	0.000	0.041	0.4327	4.5022	.0000E+00	.3649E-01	1.0614	.3001E-01	.4513E-02	0.0008	.4675E-06	.2581E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 24

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	3.34	1.09	6.32	4.84	3.84	1.88
	3.67	5.63	2.29	2.68	3.00	3.62
RUNOFF	0.718	2.237	2.969	1.141	0.599	0.000
	0.039	0.423	0.144	0.221	0.622	1.428
EVAPOTRANSPIRATION	1.019	0.461	2.216	4.173	2.769	2.349
	3.762	4.388	2.215	0.861	1.464	0.909
PERCOLATION/LEAKAGE THROUGH	0.7932	0.0048	0.9179	1.1057	0.4097	0.0740
LAYER 2	0.0000	0.3631	0.2130	0.0067	1.1036	1.0775
LATERAL DRAINAGE COLLECTED	0.9094	0.1415	0.4858	0.9280	0.6395	0.1098
FROM LAYER 3	0.0059	0.2660	0.1788	0.0310	0.6255	0.9275
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1369	0.0311	0.0809	0.1386	0.1027	0.0259
LAYER 4	0.0027	0.0514	0.0381	0.0098	0.1005	0.1396
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1262	0.1379	0.0442	0.0659	0.1451	0.1160
LAYER 7	0.0795	0.0222	0.0354	0.0577	0.0024	0.0340

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	2.754	0.000	3.539	4.670	1.139	0.016
TOP OF LAYER 2	0.000	0.654	0.312	0.001	4.638	3.721
STD. DEVIATION OF DAILY	2.628	0.001	1.921	1.073	1.768	0.053
HEAD ON TOP OF LAYER 2	0.000	1.006	0.599	0.003	0.962	1.266
AVERAGE DAILY HEAD ON	1.037	0.173	0.554	1.094	0.730	0.129
TOP OF LAYER 4	0.007	0.303	0.211	0.035	0.737	1.058
STD. DEVIATION OF DAILY	0.211	0.126	0.349	0.038	0.336	0.086
HEAD ON TOP OF LAYER 4	0.006	0.174	0.118	0.030	0.280	0.025
AVERAGE DAILY HEAD ON	0.001	0.002	0.000	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.001	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 24

	INCHES	CU. FEET	PERCENT
PRECIPITATION	42.20	382965.000	100.00
RUNOFF	10.541	95655.234	24.98
EVAPOTRANSPIRATION	26.587	241275.984	63.00
PERC./LEAKAGE THROUGH LAYER 2	6.069235	55078.305	14.38
AVG. HEAD ON TOP OF LAYER 2	1.7870		
DRAINAGE COLLECTED FROM LAYER 3	5.2486	47631.320	12.44
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.858104	7787.297	2.03
AVG. HEAD ON TOP OF LAYER 4	0.5058		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.889	0.00

PERC./LEAKAGE THROUGH LAYER 7	0.866428	7862.833	2.05
AVG. HEAD ON TOP OF LAYER 7	0.0008		
CHANGE IN WATER STORAGE	-1.043	-9462.200	-2.47
SOIL WATER AT START OF YEAR	285.986	2595321.250	
SOIL WATER AT END OF YEAR	285.530	2591185.250	
SNOW WATER AT START OF YEAR	0.587	5326.274	1.39
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	-0.056	0.00

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HEAD #1: AVERAGE HEAD ON TOP OF LAYER 2
DRAIN #1: LATERAL DRAINAGE FROM LAYER 1 (RECIRCULATION AND COLLECTION)
LEAK #1: PERCOLATION OR LEAKAGE THROUGH LAYER 2
HEAD #2: AVERAGE HEAD ON TOP OF LAYER 4
DRAIN #2: LATERAL DRAINAGE FROM LAYER 3 (RECIRCULATION AND COLLECTION)
LEAK #2: PERCOLATION OR LEAKAGE THROUGH LAYER 4
HEAD #3: AVERAGE HEAD ON TOP OF LAYER 7
DRAIN #3: LATERAL DRAINAGE FROM LAYER 6 (RECIRCULATION AND COLLECTION)
LEAK #3: PERCOLATION OR LEAKAGE THROUGH LAYER 7

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DAILY OUTPUT FOR YEAR 25

DAY	AIR	SOIL	RAIN IN.	RUNOFF IN.	ET IN.	E. ZONE WATER IN./IN.	HEAD #1 IN.	DRAIN #1 IN.	LEAK #1 IN.	HEAD #2 IN.	DRAIN #2 IN.	LEAK #2 IN.	HEAD #3 IN.	DRAIN #3 IN.	LEAK #3 IN.
1			0.87	0.370	0.052	0.5010	5.1687	.0000E+00	.3796E-01	1.0680	.3020E-01	.4535E-02	0.0009	.4909E-06	.2645E-0
2			0.00	0.000	0.046	0.4868	5.8539	.0000E+00	.3947E-01	1.0779	.3048E-01	.4567E-02	0.0009	.5119E-06	.2699E-0
3			0.00	0.000	0.053	0.4716	5.4669	.0000E+00	.3862E-01	1.0886	.3078E-01	.4602E-02	0.0009	.5312E-06	.2750E-0
4			0.00	0.000	0.041	0.4586	5.0877	.0000E+00	.3778E-01	1.0962	.3100E-01	.4627E-02	0.0009	.5530E-06	.3520E-0
5			0.00	0.000	0.045	0.4449	4.7781	.0000E+00	.3710E-01	1.1011	.3113E-01	.4643E-02	0.0009	.5845E-06	.2888E-0
6			0.20	0.000	0.051	0.4635	4.6030	.0000E+00	.3671E-01	1.1042	.3122E-01	.4653E-02	0.0010	.6138E-06	.2959E-0
7	*		0.00	0.000	0.035	0.4515	4.9033	.0000E+00	.3737E-01	1.1070	.3130E-01	.4662E-02	0.0005	.3174E-06	.2265E-0
8	*		0.01	0.000	0.044	0.4397	4.6366	.0000E+00	.3678E-01	1.1101	.3139E-01	.4672E-02	0.0010	.6653E-06	.3080E-0
9	*		0.00	0.000	0.036	0.4277	4.3750	.0000E+00	.3621E-01	1.1114	.3143E-01	.4677E-02	0.0010	.6996E-06	.3948E-0
10	*		0.00	0.000	0.000	0.4217	4.1484	.0000E+00	.3570E-01	1.1112	.3142E-01	.4676E-02	0.0011	.7357E-06	.3239E-0
11	*		0.09	0.000	0.038	0.4191	3.9845	.0000E+00	.3534E-01	1.1098	.3138E-01	.4672E-02	0.0005	.3847E-06	.2478E-0
12	*		0.91	0.000	0.036	0.4165	3.8735	.0000E+00	.3510E-01	1.1077	.3132E-01	.4665E-02	0.0011	.7946E-06	.3367E-0
13	*		0.10	0.000	0.033	0.4140	3.7480	.0000E+00	.3482E-01	1.1051	.3125E-01	.4656E-02	0.0011	.8321E-06	.4307E-0
14	*		0.22	0.000	0.000	0.4115	3.6317	.0000E+00	.3456E-01	1.1020	.3116E-01	.4646E-02	0.0012	.8709E-06	.3523E-0
15	*		0.00	0.000	0.036	0.4091	3.5350	.0000E+00	.3435E-01	1.0986	.3106E-01	.4635E-02	0.0012	.9040E-06	.3589E-0
16			0.00	0.000	0.014	0.4488	3.7671	.0000E+00	.3486E-01	1.0956	.3098E-01	.4625E-02	0.0006	.4676E-06	.2733E-0
17	*		0.00	0.000	0.038	0.4460	4.5691	.0000E+00	.3663E-01	1.0954	.3097E-01	.4625E-02	0.0012	.9542E-06	.3687E-0
18			0.00	0.000	0.039	0.4477	4.4861	.0000E+00	.3645E-01	1.0979	.3104E-01	.4633E-02	0.0012	.9762E-06	.3728E-0
19			0.00	0.000	0.013	0.4851	4.8404	.0000E+00	.3723E-01	1.1007	.3112E-01	.4642E-02	0.0012	.9956E-06	.3765E-0
20			0.00	0.217	0.022	0.5010	5.8392	.0000E+00	.3944E-01	1.1067	.3129E-01	.4662E-02	0.0013	.1011E-05	.4746E-0
21			0.00	0.000	0.059	0.4846	5.8309	.0000E+00	.3942E-01	1.1158	.3155E-01	.4691E-02	0.0013	.1022E-05	.3814E-0
22			0.00	0.000	0.063	0.4676	5.3906	.0000E+00	.3845E-01	1.1231	.3176E-01	.4715E-02	0.0013	.1033E-05	.3836E-0
23	*		0.00	0.000	0.045	0.4539	4.9814	.0000E+00	.3755E-01	1.1274	.3188E-01	.4729E-02	0.0006	.5253E-06	.2897E-0
24			0.27	0.000	0.053	0.4837	4.9683	.0000E+00	.3752E-01	1.1298	.3195E-01	.4737E-02	0.0013	.1066E-05	.3896E-0
25	*		0.00	0.000	0.042	0.4702	5.4412	.0000E+00	.3856E-01	1.1330	.3204E-01	.4747E-02	0.0013	.1085E-05	.3930E-0
26	*		0.21	0.000	0.044	0.4672	5.1536	.0000E+00	.3793E-01	1.1370	.3215E-01	.4760E-02	0.0013	.1102E-05	.3960E-0
27	*		0.00	0.000	0.049	0.4642	5.0463	.0000E+00	.3769E-01	1.1394	.3222E-01	.4768E-02	0.0013	.1120E-05	.3993E-0
28			0.00	0.000	0.058	0.4613	4.9638	.0000E+00	.3751E-01	1.1411	.3226E-01	.4773E-02	0.0013	.1140E-05	.4027E-0
29			0.00	0.000	0.050	0.4468	4.7973	.0000E+00	.3714E-01	1.1419	.3229E-01	.4776E-02	0.0013	.1160E-05	.4063E-0
30	*		0.23	0.000	0.039	0.4440	4.5483	.0000E+00	.3659E-01	1.1416	.3228E-01	.4775E-02	0.0014	.1181E-05	.5132E-0
31	*		0.40	0.000	0.039	0.4412	4.4240	.0000E+00	.3631E-01	1.1401	.3224E-01	.4770E-02	0.0014	.1210E-05	.4150E-0
32			0.00	0.000	0.021	0.4686	4.5764	.0000E+00	.3665E-01	1.1386	.3219E-01	.4765E-02	0.0014	.1232E-05	.4187E-0
33	*		0.00	0.000	0.035	0.4656	5.0837	.0000E+00	.3777E-01	1.1389	.3220E-01	.4766E-02	0.0014	.1249E-05	.4217E-0
34	*		0.00	0.000	0.035	0.4626	4.9951	.0000E+00	.3758E-01	1.1408	.3226E-01	.4772E-02	0.0014	.1263E-05	.4240E-0
35	*	*	0.18	0.000	0.030	0.4575	1.9330	.0000E+00	.3081E-01	1.1355	.3211E-01	.4755E-02	0.0007	.6450E-06	.3211E-0
36	*	*	0.06	0.000	0.000	0.4528	0.8090	.0000E+00	.2832E-01	1.1173	.3159E-01	.4696E-02	0.0014	.1323E-05	.4346E-0
37		*	0.14	0.125	0.000	0.4694	0.6790	.0000E+00	.2803E-01	1.0963	.3100E-01	.4627E-02	0.0015	.1373E-05	.4429E-0
38		*	0.00	0.199	0.030	0.4731	0.5503	.0000E+00	.2775E-01	1.0762	.3043E-01	.4562E-02	0.0015	.1420E-05	.4503E-0
39		*	0.00	0.000	0.000	0.4686	0.4229	.0000E+00	.2747E-01	1.0571	.2989E-01	.4499E-02	0.0015	.1462E-05	.4567E-0
40	*	*	0.00	0.000	0.000	0.4640	0.2968	.0000E+00	.2719E-01	1.0388	.2937E-01	.4438E-02	0.0015	.1497E-05	.4622E-0
41	*	*	0.44	0.000	0.033	0.4595	0.1720	.0000E+00	.2691E-01	1.0212	.2888E-01	.4380E-02	0.0015	.1528E-05	.4668E-0
42	*	*	0.00	0.000	0.032	0.4561	0.0485	.0000E+00	.2052E-01	0.9984	.2823E-01	.4304E-02	0.0016	.1562E-05	.4721E-0
43	*	*	0.63	0.000	0.028	0.4561	0.0000	.0000E+00	.0000E+00	0.9467	.2677E-01	.4131E-02	0.0016	.1635E-05	.6057E-0
44	*	*	0.00	0.000	0.032	0.4561	0.0000	.0000E+00	.0000E+00	0.8663	.2449E-01	.3857E-02	0.0017	.1828E-05	.5094E-0
45	*	*	0.09	0.000	0.033	0.4561	0.0000	.0000E+00	.0000E+00	0.7925	.2241E-01	.3601E-02	0.0017	.1958E-05	.5271E-0
46	*	*	0.29	0.000	0.000	0.4561	0.0000	.0000E+00	.0000E+00	0.7248	.2049E-01	.3362E-02	0.0018	.2064E-05	.5410E-0
47		*	0.00	0.000	0.044	0.4561	0.0000	.0000E+00	.0000E+00	0.6627	.1874E-01	.3138E-02	0.0009	.1073E-05	.4149E-0
48	*	*	0.07	0.000	0.037	0.4561	0.0000	.0000E+00	.0000E+00	0.6057	.1713E-01	.2928E-02	0.0018	.2172E-05	.5574E-0
49	*	*	0.21	0.000	0.030	0.4561	0.0000	.0000E+00	.0000E+00	0.5535	.1565E-01	.2733E-02	0.0018	.2218E-05	.7029E-0
50	*	*	0.00	0.000	0.033	0.4561	0.0000	.0000E+00	.0000E+00	0.5057	.1430E-01	.2549E-02	0.0019	.2271E-05	.5672E-0
51	*	*	0.00	0.000	0.031	0.4561	0.0000	.0000E+00	.0000E+00	0.4618	.1306E-01	.2378E-02	0.0019	.2279E-05	.5682E-0

52	*	*	0.00	0.000	0.035	0.4561	0.0000	.0000E+00	.0000E+00	0.4217	.1192E-01	.2218E-02	0.0019	.2274E-05	.5676E-0
53	*	*	1.48	0.000	0.000	0.4561	0.0000	.0000E+00	.0000E+00	0.3849	.1088E-01	.2068E-02	0.0019	.2257E-05	.5655E-0
54	*	*	0.00	0.000	0.033	0.4561	0.0000	.0000E+00	.0000E+00	0.3512	.9930E-02	.1928E-02	0.0019	.2231E-05	.5622E-0
55		*	0.00	0.000	0.042	0.4561	0.0000	.0000E+00	.0000E+00	0.3203	.9058E-02	.1797E-02	0.0018	.2197E-05	.5579E-0
56		*	0.41	3.122	0.000	0.4652	0.0000	.0000E+00	.0000E+00	0.2921	.8259E-02	.1675E-02	0.0018	.2157E-05	.5527E-0
57		*	0.73	0.712	0.006	0.4653	0.0060	.0000E+00	.1105E-01	0.2772	.7839E-02	.1609E-02	0.0018	.2075E-05	.5422E-0
58		*	0.00	0.000	0.000	0.4648	0.0034	.0000E+00	.2935E-02	0.2734	.7729E-02	.1592E-02	0.0009	.9971E-06	.3972E-0
59		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2538	.7177E-02	.1504E-02	0.0017	.1917E-05	.6509E-0
60		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2313	.6539E-02	.1401E-02	0.0017	.1873E-05	.5152E-0
61		*	0.55	0.536	0.006	0.4648	0.0050	.0000E+00	.8627E-02	0.2192	.6197E-02	.1345E-02	0.0017	.1803E-05	.5054E-0
62		*	0.06	0.047	0.006	0.4648	0.0039	.0000E+00	.6717E-02	0.2201	.6224E-02	.1349E-02	0.0016	.1697E-05	.4904E-0
63		*	0.85	0.836	0.006	0.4648	0.0050	.0000E+00	.8729E-02	0.2199	.6217E-02	.1348E-02	0.0016	.1604E-05	.4767E-0
64		*	0.00	0.000	0.000	0.4648	0.0000	.0000E+00	.0000E+00	0.2142	.6058E-02	.1321E-02	0.0015	.1534E-05	.4663E-0
65		*	0.65	0.635	0.006	0.4648	0.0051	.0000E+00	.8794E-02	0.2038	.5762E-02	.1272E-02	0.0008	.7418E-06	.3451E-0
66		*	0.35	0.336	0.006	0.4648	0.0049	.0000E+00	.8564E-02	0.2081	.5885E-02	.1293E-02	0.0015	.1417E-05	.4479E-0
67			0.00	0.000	0.093	0.4446	3.6957	.0000E+00	.2807E-01	0.2311	.6535E-02	.1400E-02	0.0014	.1301E-05	.5328E-0
68			0.00	0.000	0.101	0.4217	4.6713	.0000E+00	.3686E-01	0.2922	.8262E-02	.1674E-02	0.0013	.1052E-05	.3863E-0
69			0.60	0.032	0.082	0.4964	4.6859	.0000E+00	.3689E-01	0.3623	.1024E-01	.1974E-02	0.0006	.4308E-06	.2628E-0
70			0.00	0.000	0.097	0.4738	5.6456	.0000E+00	.3901E-01	0.4286	.1212E-01	.2245E-02	0.0011	.7643E-06	.3259E-0
71			0.00	0.000	0.090	0.4525	5.0769	.0000E+00	.3776E-01	0.4915	.1390E-01	.2494E-02	0.0010	.6363E-06	.3703E-0
72			0.00	0.000	0.090	0.4314	4.6373	.0000E+00	.3679E-01	0.5461	.1544E-01	.2704E-02	0.0009	.5099E-06	.2693E-0
73			0.05	0.000	0.085	0.4195	4.2387	.0000E+00	.3590E-01	0.5937	.1679E-01	.2884E-02	0.0008	.4462E-06	.2520E-0
74	*		0.56	0.000	0.039	0.4170	3.9407	.0000E+00	.3524E-01	0.6353	.1796E-01	.3038E-02	0.0008	.3991E-06	.2384E-0
75	*		0.73	0.000	0.043	0.4144	3.7789	.0000E+00	.3489E-01	0.6720	.1900E-01	.3172E-02	0.0004	.1820E-06	.1705E-0
76			0.19	0.000	0.000	0.4457	3.9012	.0000E+00	.3516E-01	0.7054	.1995E-01	.3293E-02	0.0007	.3483E-06	.2213E-0
77			0.00	0.243	0.000	0.5010	5.3125	.0000E+00	.3828E-01	0.7395	.2091E-01	.3415E-02	0.0007	.3234E-06	.2132E-0
78			0.00	0.473	0.049	0.4944	5.9313	.0000E+00	.3965E-01	0.7772	.2198E-01	.3548E-02	0.0007	.2995E-06	.2050E-0
79			0.43	0.283	0.068	0.5010	5.9217	.0000E+00	.3962E-01	0.8140	.2301E-01	.3676E-02	0.0007	.2783E-06	.1977E-0
80			0.00	0.000	0.086	0.4801	5.7850	.0000E+00	.3932E-01	0.8473	.2396E-01	.3792E-02	0.0006	.2627E-06	.1922E-0
81			0.00	0.000	0.095	0.4579	5.2222	.0000E+00	.3808E-01	0.8762	.2478E-01	.3892E-02	0.0006	.2531E-06	.1890E-0
82			0.00	0.000	0.130	0.4301	4.6979	.0000E+00	.3692E-01	0.8996	.2544E-01	.3971E-02	0.0006	.2500E-06	.2358E-0
83			0.00	0.000	0.124	0.4035	4.1871	.0000E+00	.3579E-01	0.9180	.2596E-01	.4034E-02	0.0006	.2518E-06	.1897E-0
84			0.00	0.000	0.117	0.3782	3.7855	.0000E+00	.3490E-01	0.9322	.2636E-01	.4082E-02	0.0006	.2609E-06	.1931E-0
85			0.00	0.000	0.131	0.3507	3.4401	.0000E+00	.3414E-01	0.9431	.2667E-01	.4119E-02	0.0006	.2736E-06	.1978E-0
86			0.18	0.000	0.088	0.3605	3.0780	.0000E+00	.3334E-01	0.9510	.2689E-01	.4146E-02	0.0007	.2895E-06	.2034E-0
87			0.00	0.000	0.098	0.3388	2.8031	.0000E+00	.3273E-01	0.9564	.2704E-01	.4164E-02	0.0003	.1542E-06	.1567E-0
88			0.00	0.000	0.135	0.3109	2.5686	.0000E+00	.3221E-01	0.9598	.2714E-01	.4175E-02	0.0007	.3245E-06	.2152E-0
89			0.00	0.000	0.105	0.2881	2.3200	.0000E+00	.3166E-01	0.9616	.2719E-01	.4181E-02	0.0007	.3467E-06	.2225E-0
90			0.00	0.000	0.103	0.2657	2.0133	.0000E+00	.3098E-01	0.9617	.2719E-01	.4182E-02	0.0008	.3710E-06	.2302E-0
91			0.18	0.000	0.088	0.2760	1.7965	.0000E+00	.3050E-01	0.9602	.2715E-01	.4177E-02	0.0008	.3970E-06	.2381E-0
92			0.40	0.000	0.107	0.3199	1.6201	.0000E+00	.3011E-01	0.9577	.2708E-01	.4168E-02	0.0008	.4244E-06	.2462E-0
93			0.05	0.000	0.077	0.3105	1.4453	.0000E+00	.2973E-01	0.9544	.2698E-01	.4157E-02	0.0008	.4526E-06	.2543E-0
94			0.06	0.000	0.132	0.2935	1.2873	.0000E+00	.2938E-01	0.9503	.2687E-01	.4143E-02	0.0009	.4815E-06	.2623E-0
95			0.05	0.000	0.123	0.2765	1.1157	.0000E+00	.2900E-01	0.9457	.2674E-01	.4128E-02	0.0009	.5108E-06	.2701E-0
96			0.15	0.000	0.089	0.2820	0.9412	.0000E+00	.2861E-01	0.9404	.2659E-01	.4110E-02	0.0009	.5403E-06	.2778E-0
97			0.00	0.000	0.122	0.2568	0.8029	.0000E+00	.2831E-01	0.9347	.2643E-01	.4091E-02	0.0009	.5700E-06	.2853E-0
98			0.00	0.000	0.133	0.2301	0.6603	.0000E+00	.2799E-01	0.9286	.2626E-01	.4070E-02	0.0010	.5995E-06	.2926E-0
99			0.00	0.000	0.116	0.2061	0.5133	.0000E+00	.2767E-01	0.9222	.2608E-01	.4048E-02	0.0010	.6311E-06	.3753E-0
100			0.00	0.000	0.147	0.1770	0.3676	.0000E+00	.2734E-01	0.9155	.2589E-01	.4026E-02	0.0010	.6657E-06	.3080E-0
101			0.00	0.000	0.095	0.1578	0.1584	.0000E+00	.2024E-01	0.9018	.2550E-01	.3979E-02	0.0010	.7036E-06	.3165E-0
102			0.00	0.000	0.083	0.1440	0.0000	.0000E+00	.0000E+00	0.8576	.2425E-01	.3827E-02	0.0011	.7865E-06	.3346E-0
103			0.00	0.000	0.054	0.1350	0.0000	.0000E+00	.0000E+00	0.7845	.2218E-01	.3573E-02	0.0012	.9162E-06	.3610E-0
104			0.14	0.000	0.027	0.1538	0.0000	.0000E+00	.0000E+00	0.7175	.2029E-01	.3336E-02	0.0013	.1035E-05	.3835E-0
105			0.00	0.000	0.020	0.1505	0.0000	.0000E+00	.0000E+00	0.6560	.1855E-01	.3114E-02	0.0013	.1141E-05	.4025E-0
106			0.00	0.000	0.029	0.1457	0.0000	.0000E+00	.0000E+00	0.5996	.1695E-01	.2906E-02	0.0014	.1233E-05	.4184E-0
107			0.00	0.000	0.026	0.1413	0.0000	.0000E+00	.0000E+00	0.5479	.1549E-01	.2711E-02	0.0014	.1312E-05	.4314E-0
108			0.42	0.000	0.029	0.2065	0.0000	.0000E+00	.0000E+00	0.5005	.1415E-01	.2529E-02	0.0015	.1377E-05	.4419E-0
109			0.00	0.000	0.114	0.1875	0.0000	.0000E+00	.0000E+00	0.4571	.1293E-01	.2359E-02	0.0007	.7217E-06	.3385E-0
110			0.00	0.000	0.031	0.1823	0.0000	.0000E+00	.0000E+00	0.4173	.1180E-01	.2200E-02	0.0015	.1446E-05	.4549E-0
111			0.00	0.000	0.030	0.1773	0.0000	.0000E+00	.0000E+00	0.3809	.1077E-01	.2052E-02	0.0015	.1479E-05	.4597E-0
112			0.01	0.000	0.033	0.1735	0.0000	.0000E+00	.0000E+00	0.3476	.9827E-02	.1913E-02	0.0015	.1501E-05	.4630E-0
113			0.12	0.000	0.032	0.1882	0.0000	.0000E+00	.0000E+00	0.3170	.8964E-02	.1783E-02	0.0015	.1513E-05	.4648E-0
114			0.00	0.000	0.027	0.1837	0.0000	.0000E+00	.0000E+00	0.2891	.8173E-02	.1661E-02	0.0015	.1508E-05	.5806E-0
115			0.00	0.000	0.026	0.1794	0.0000	.0000E+00	.0000E+00	0.2635	.7450E-02	.1548E-02	0.0015	.1523E-05	.4646E-0
116			0.20	0.000	0.030	0.2078	0.0000	.0000E+00	.0000E+00	0.2401	.6789E-02	.1442E-02	0.0015	.1512E-05	.4629E-0
117			0.00	0.000	0.216	0.1718	0.0000	.0000E+00	.0000E+00	0.2187	.6183E-02	.1342E-02	0.0015	.1495E-05	.4604E-0
118			0.01	0.000	0.031	0.1683	0.0000	.0000E+00	.0000E+00	0.1991	.5630E-02	.1250E-02	0.0015	.1475E-05	.4572E-0
119			0.00	0.000	0.026	0.1640	0.0000	.0000E+00	.0000E+00	0.1812	.5124E-02	.1163E-02	0.0008	.7253E-06	.3413E-0
120			0.00	0.000	0.026	0.1596	0.0000	.0000E+00	.0000E+00	0.1649	.4662E-02	.1082E-02	0.0015	.1424E-05	.4502E-0
121			0.00	0.000	0.026	0.1552	0.0000	.0000E+00	.0000E+00	0.1500	.4240E-02	.1007E-02	0.0015	.1395E-05	.4457E-0
122			0.56	0.000	0.030	0.2436	0.0000	.0000E+00	.0000E+00	0.1363	.3855E-02	.9360E-03	0.0015	.1365E-05	.4407E-0
123			0.00	0.000	0.172	0.2150	0.0000	.0000E+00	.0000E+00	0.1239	.3503E-02	.8701E-03	0.0014	.1333E-05	.4355E-0
124			0.03	0.000	0.180	0.1900	0.0000	.0000E+00	.0000E+00	0.1125	.3181E-02	.8086E-03	0.0014	.1300E-05	.4300E-0
125			0.09	0.000	0.147	0.1805	0.0000	.0000E+00	.0000E+00	0.1021	.2888E-02	.7512E-03	0.0014	.1266E-05	.4243E-0
126			0.00	0.000	0.085	0.1663	0.0000	.0000E+00	.0000E+00	0.0927	.2621E-02	.6976E-03	0.0014	.1231E-05	.4184E-0
127			0.18	0.000	0.070	0.1847	0.0000	.0000E+00	.0000E+00	0.0841	.2377E-02	.6477E-03	0.0014	.1197E-05	.4125E-0
128			0.02	0.000	0.060	0.1780	0.0000	.0000E+00	.0000E+00	0.0762	.2155E-02	.6010E-03	0.0013	.1162E-05	.4064E-0
129			0.00	0.000	0.050	0.1696	0.0000	.0000E+00	.0000E+00	0.0691	.1953E-02	.5576E-03	0.0013	.1127E-05	.4003E-0
130			0.00	0.000	0.048	0.1616	0.0000	.0000E+00	.0000E+00	0.0625	.1768E-02	.5170E-03	0.0013	.1093E-05	.3941E-0
131			0.04	0.000	0.049	0.1601	0.0000	.0000E+00	.0000E+00	0.0566	.1601E-02	.4793E-03	0.0013	.1059E-05	.3879E-0
132			0.02	0.000	0.046	0.1558	0.0000	.0000E+00	.0000E+00	0.0512	.1448E-02	.4441E-03	0.0013	.1026E-05	.3818E-0
133			0.00	0.000	0.039	0.1492	0.0000	.0000E+00	.0000E+00	0.0463	.1309E-02	.4113E-03	0.0012	.9931E-06	.3756E-0
134			0.19	0.000	0.042	0.1739	0.0000	.0000E+00	.0000E+00	0.0418	.1183E-02	.3808E-03	0.0012	.9611E-06	.3695E-0
135			0.26	0.000	0.043	0.2101	0.0000	.0000E+00	.0000E+00	0.0378	.1068E-02	.3523E-03	0.0012	.9299E-06	.4531E-0
136			0.02	0.000	0.140	0.1901	0.0000	.0000E+00	.0000E+00	0.0341	.9641E-03	.3259E-03	0.0012	.8937E-06	.3560E-0
137			0.00	0.000	0.037	0.1840	0.0000	.0000E+00	.0000E+00	0.0308	.8695E-03	.3013E-03	0.0012	.8642E-06	.3500E-0
138			0.00	0.000	0.035	0.1781	0.0000	.0000E+00	.0000E+00	0.0277	.7837E-03	.2784E-03	0.0011	.8355E-06	.3442E-0
139			0.73	0.002	0.040	0.2928	0.0000	.0000E+00	.0000E+00	0.0250	.7058E-03	.2571E-03	0.0011	.8077E-06	.3384E-0
140			0.33	0.000	0.168	0.3164	0.0513	.0000E+00	.2001E-01	0.0423	.1197E-02	.3801E-03	0.0011	.7166E-06	.3188E-0
141			0.00	0.000	0.197	0.2790	0.2152	.0000E+00	.2701E-01	0.0971	.2746E-02	.7206E-03	0.0005	.2740E-06	.2096E-0
142			0.00	0.000	0.232	0.2359	0.2839	.0000E+00	.2716E-01	0.1584	.4479E-02	.1049E-02	0.0009	.4594E-06	.2510E-0
143			0.00	0.000	0.192	0.1995	0.1508	.0000E+00	.2687E-01	0.2144	.6061E-02	.1322E-02	0.0007	.3502E-06	.2194E-0
144			0.00	0.000	0.219	0.1608	0.0282	.0000E+00	.1333E-01	0.2516	.7113E-02	.1494E-02	0.0007	.2821E-06	.1980E-0
145			0.00	0.000	0.155	0.1350	0.0000	.0000E+00	.0000E+00	0.2506	.7086E-02	.1490E-02	0.0006	.2618E-06	.1930E-0
146			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2283	.6455E-02	.1387E-02	0.0006	.2762E-06	.2499E-0
147			0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.2079	.5879E-02	.1292E-02	0.0007	.3094E-06	.2097E-0

148	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1893	.5352E-02	.1202E-02	0.0007	.3301E-06	.2165E-0
149	0.07	0.000	0.011	0.1449	0.0000	.0000E+00	.0000E+00	0.1722	.4870E-02	.1119E-02	0.0007	.3485E-06	.2225E-0
150	0.24	0.000	0.029	0.1801	0.0000	.0000E+00	.0000E+00	0.1567	.4430E-02	.1041E-02	0.0008	.3647E-06	.2276E-0
151	0.06	0.000	0.041	0.1832	0.0000	.0000E+00	.0000E+00	0.1424	.4028E-02	.9679E-03	0.0008	.3788E-06	.2319E-0
152	0.00	0.000	0.046	0.1755	0.0000	.0000E+00	.0000E+00	0.1295	.3661E-02	.8999E-03	0.0004	.1954E-06	.1770E-0
153	0.45	0.000	0.051	0.2420	0.0000	.0000E+00	.0000E+00	0.1176	.3326E-02	.8364E-03	0.0008	.3956E-06	.2378E-0
154	0.00	0.000	0.225	0.2046	0.0000	.0000E+00	.0000E+00	0.1068	.3020E-02	.7772E-03	0.0008	.4043E-06	.2403E-0
155	0.00	0.000	0.056	0.1952	0.0000	.0000E+00	.0000E+00	0.0969	.2741E-02	.7219E-03	0.0008	.4112E-06	.3026E-0
156	0.36	0.000	0.062	0.2448	0.0000	.0000E+00	.0000E+00	0.0879	.2487E-02	.6703E-03	0.0008	.4198E-06	.2441E-0
157	0.00	0.000	0.274	0.1991	0.0000	.0000E+00	.0000E+00	0.0797	.2255E-02	.6221E-03	0.0008	.4231E-06	.2451E-0
158	0.00	0.000	0.058	0.1894	0.0000	.0000E+00	.0000E+00	0.0723	.2044E-02	.5772E-03	0.0008	.4249E-06	.2456E-0
159	0.32	0.000	0.066	0.2316	0.0000	.0000E+00	.0000E+00	0.0655	.1851E-02	.5354E-03	0.0004	.2145E-06	.1847E-0
160	0.33	0.000	0.212	0.2514	0.0000	.0000E+00	.0000E+00	0.0593	.1676E-02	.4963E-03	0.0008	.4235E-06	.2457E-0
161	0.20	0.000	0.247	0.2435	0.0000	.0000E+00	.0000E+00	0.0536	.1517E-02	.4600E-03	0.0008	.4224E-06	.2453E-0
162	0.13	0.000	0.195	0.2326	0.0000	.0000E+00	.0000E+00	0.0485	.1372E-02	.4261E-03	0.0008	.4203E-06	.2447E-0
163	0.00	0.000	0.277	0.1864	0.0000	.0000E+00	.0000E+00	0.0438	.1240E-02	.3945E-03	0.0008	.4174E-06	.2438E-0
164	0.12	0.000	0.250	0.1648	0.0000	.0000E+00	.0000E+00	0.0396	.1120E-02	.3652E-03	0.0008	.4138E-06	.2427E-0
165	0.09	0.000	0.123	0.1594	0.0000	.0000E+00	.0000E+00	0.0357	.1011E-02	.3378E-03	0.0008	.4096E-06	.2415E-0
166	0.00	0.000	0.106	0.1418	0.0000	.0000E+00	.0000E+00	0.0323	.9119E-03	.3124E-03	0.0008	.4048E-06	.2996E-0
167	0.00	0.000	0.030	0.1368	0.0000	.0000E+00	.0000E+00	0.0291	.8222E-03	.2887E-03	0.0008	.3992E-06	.2380E-0
168	0.11	0.000	0.043	0.1480	0.0000	.0000E+00	.0000E+00	0.0262	.7407E-03	.2667E-03	0.0008	.3934E-06	.2363E-0
169	0.16	0.000	0.053	0.1658	0.0000	.0000E+00	.0000E+00	0.0236	.6669E-03	.2462E-03	0.0008	.3872E-06	.2344E-0
170	0.97	0.044	0.087	0.3055	0.0000	.0000E+00	.0000E+00	0.0212	.6000E-03	.2272E-03	0.0008	.3808E-06	.2325E-0
171	0.00	0.000	0.280	0.2555	0.0328	.0000E+00	.1997E-01	0.0389	.1100E-02	.3556E-03	0.0007	.3290E-06	.2161E-0
172	0.00	0.000	0.295	0.2053	0.0151	.0000E+00	.6661E-02	0.0737	.2085E-02	.5860E-03	0.0003	.1275E-06	.1429E-0
173	0.00	0.000	0.298	0.1556	0.0019	.0000E+00	.0000E+00	0.0775	.2191E-02	.6086E-03	0.0006	.2466E-06	.1869E-0
174	0.24	0.000	0.254	0.1532	0.0000	.0000E+00	.0000E+00	0.0702	.1985E-02	.5646E-03	0.0006	.2457E-06	.2341E-0
175	0.00	0.000	0.088	0.1386	0.0000	.0000E+00	.0000E+00	0.0636	.1798E-02	.5236E-03	0.0006	.2532E-06	.1896E-0
176	0.00	0.000	0.019	0.1355	0.0000	.0000E+00	.0000E+00	0.0576	.1627E-02	.4854E-03	0.0003	.1293E-06	.1435E-0
177	0.00	0.000	0.002	0.1351	0.0000	.0000E+00	.0000E+00	0.0521	.1472E-02	.4498E-03	0.0006	.2580E-06	.1918E-0
178	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0471	.1331E-02	.4166E-03	0.0006	.2603E-06	.1927E-0
179	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0426	.1203E-02	.3857E-03	0.0006	.2620E-06	.1933E-0
180	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0384	.1087E-02	.3569E-03	0.0006	.2630E-06	.1936E-0
181	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0347	.9807E-03	.3301E-03	0.0006	.2624E-06	.2419E-0
182	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0313	.8846E-03	.3052E-03	0.0006	.2638E-06	.1935E-0
183	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0282	.7974E-03	.2820E-03	0.0003	.1323E-06	.1452E-0
184	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0254	.7183E-03	.2605E-03	0.0006	.2611E-06	.1928E-0
185	0.11	0.000	0.038	0.1470	0.0000	.0000E+00	.0000E+00	0.0229	.6465E-03	.2405E-03	0.0006	.2586E-06	.2400E-0
186	0.00	0.000	0.048	0.1391	0.0000	.0000E+00	.0000E+00	0.0206	.5815E-03	.2219E-03	0.0006	.2576E-06	.1913E-0
187	0.23	0.000	0.082	0.1637	0.0000	.0000E+00	.0000E+00	0.0185	.5227E-03	.2046E-03	0.0003	.1276E-06	.1430E-0
188	0.00	0.000	0.074	0.1514	0.0000	.0000E+00	.0000E+00	0.0166	.4694E-03	.1885E-03	0.0006	.2526E-06	.1896E-0
189	0.00	0.000	0.076	0.1387	0.0000	.0000E+00	.0000E+00	0.0149	.4213E-03	.1736E-03	0.0006	.2498E-06	.1885E-0
190	0.00	0.000	0.017	0.1360	0.0000	.0000E+00	.0000E+00	0.0134	.3777E-03	.1598E-03	0.0006	.2467E-06	.1874E-0
191	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0120	.3384E-03	.1470E-03	0.0006	.2435E-06	.1861E-0
192	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0107	.3029E-03	.1351E-03	0.0006	.2401E-06	.1848E-0
193	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0096	.2708E-03	.1241E-03	0.0006	.2366E-06	.1834E-0
194	0.08	0.000	0.022	0.1447	0.0000	.0000E+00	.0000E+00	0.0086	.2419E-03	.1139E-03	0.0006	.2322E-06	.2272E-0
195	0.00	0.000	0.040	0.1381	0.0000	.0000E+00	.0000E+00	0.0076	.2159E-03	.1045E-03	0.0006	.2286E-06	.1802E-0
196	0.00	0.000	0.015	0.1356	0.0000	.0000E+00	.0000E+00	0.0068	.1925E-03	.9572E-04	0.0006	.2248E-06	.1787E-0
197	0.00	0.000	0.003	0.1351	0.0000	.0000E+00	.0000E+00	0.0061	.1714E-03	.8765E-04	0.0003	.1105E-06	.1331E-0
198	0.03	0.000	0.020	0.1368	0.0000	.0000E+00	.0000E+00	0.0054	.1525E-03	.8020E-04	0.0006	.2178E-06	.1760E-0
199	0.00	0.000	0.007	0.1357	0.0000	.0000E+00	.0000E+00	0.0048	.1355E-03	.7331E-04	0.0006	.2139E-06	.1744E-0
200	0.02	0.000	0.021	0.1356	0.0000	.0000E+00	.0000E+00	0.0043	.1203E-03	.6695E-04	0.0006	.2100E-06	.1728E-0
201	0.02	0.000	0.019	0.1358	0.0000	.0000E+00	.0000E+00	0.0038	.1066E-03	.6109E-04	0.0006	.2061E-06	.1712E-0
202	0.07	0.000	0.023	0.1437	0.0000	.0000E+00	.0000E+00	0.0033	.9438E-04	.5569E-04	0.0006	.2023E-06	.1695E-0
203	0.00	0.000	0.035	0.1378	0.0000	.0000E+00	.0000E+00	0.0030	.8344E-04	.5071E-04	0.0006	.1984E-06	.1679E-0
204	0.00	0.000	0.011	0.1358	0.0000	.0000E+00	.0000E+00	0.0026	.7366E-04	.4612E-04	0.0005	.1946E-06	.1663E-0
205	0.00	0.000	0.004	0.1352	0.0000	.0000E+00	.0000E+00	0.0023	.6493E-04	.4191E-04	0.0005	.1908E-06	.2055E-0
206	0.00	0.000	0.001	0.1351	0.0000	.0000E+00	.0000E+00	0.0020	.5715E-04	.3804E-04	0.0005	.1862E-06	.1626E-0
207	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0018	.5022E-04	.3448E-04	0.0005	.1825E-06	.1610E-0
208	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0016	.4406E-04	.3121E-04	0.0005	.1789E-06	.1594E-0
209	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0014	.3859E-04	.2822E-04	0.0005	.1753E-06	.1578E-0
210	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0012	.3373E-04	.2548E-04	0.0005	.1718E-06	.1562E-0
211	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0010	.2943E-04	.2298E-04	0.0005	.1683E-06	.1546E-0
212	0.67	0.000	0.079	0.2335	0.0000	.0000E+00	.0000E+00	0.0009	.2562E-04	.2072E-04	0.0005	.1649E-06	.1530E-0
213	0.22	0.000	0.116	0.2508	0.0000	.0000E+00	.0000E+00	0.0008	.2226E-04	.1854E-04	0.0003	.8125E-07	.1138E-0
214	0.00	0.000	0.246	0.2098	0.0000	.0000E+00	.0000E+00	0.0007	.1930E-04	.1666E-04	0.0005	.1590E-06	.1503E-0
215	1.34	0.133	0.138	0.3881	0.0000	.0000E+00	.0000E+00	0.0006	.1669E-04	.1492E-04	0.0005	.1558E-06	.1488E-0
216	0.00	0.000	0.296	0.3334	2.1238	.0000E+00	.3123E-01	0.0315	.8895E-03	.2844E-03	0.0004	.1204E-06	.1271E-0
217	0.00	0.000	0.275	0.2823	2.2156	.0000E+00	.3143E-01	0.1096	.3100E-02	.7902E-03	0.0003	.5648E-07	.8172E-0
218	0.00	0.000	0.318	0.2243	1.6336	.0000E+00	.3014E-01	0.1799	.5087E-02	.1156E-02	0.0002	.1619E-07	.4198E-0
219	1.16	0.071	0.151	0.3758	1.0092	.0000E+00	.2876E-01	0.2407	.6805E-02	.1444E-02	0.0001	.2367E-08	.1385E-0
220	0.00	0.000	0.233	0.3319	1.7631	.0000E+00	.3043E-01	0.2957	.8360E-02	.1690E-02	0.0000	.0000E+00	.0000E+0
221	0.26	0.000	0.145	0.3460	1.9795	.0000E+00	.3091E-01	0.3492	.9873E-02	.1919E-02	0.0000	.0000E+00	.0000E+0
222	0.00	0.000	0.208	0.3062	1.7917	.0000E+00	.3049E-01	0.3985	.1127E-01	.2124E-02	0.0000	.0000E+00	.0000E+0
223	0.00	0.000	0.244	0.2605	1.5624	.0000E+00	.2999E-01	0.4425	.1251E-01	.2301E-02	0.0000	.0000E+00	.0000E+0
224	0.00	0.000	0.247	0.2144	1.1923	.0000E+00	.2917E-01	0.4811	.1360E-01	.2454E-02	0.0000	.0000E+00	.0000E+0
225	0.09	0.000	0.230	0.1864	0.7831	.0000E+00	.2826E-01	0.5144	.1454E-01	.2583E-02	0.0000	.0000E+00	.0000E+0
226	0.00	0.000	0.243	0.1448	0.1805	.0000E+00	.6906E-02	0.5221	.1476E-01	.2613E-02	0.0000	.0000E+00	.0000E+0
227	0.00	0.000	0.056	0.1355	0.0000	.0000E+00	.0000E+00	0.4880	.1380E-01	.2481E-02	0.0000	.0000E+00	.0000E+0
228	0.96	0.021	0.157	0.2658	0.0000	.0000E+00	.0000E+00	0.4457	.1260E-01	.2314E-02	0.0000	.0000E+00	.0000E+0
229	0.00	0.000	0.198	0.2328	0.0000	.0000E+00	.0000E+00	0.4068	.1150E-01	.2158E-02	0.0000	.0000E+00	.0000E+0
230	0.00	0.000	0.217	0.1967	0.0000	.0000E+00	.0000E+00	0.3713	.1050E-01	.2012E-02	0.0000	.0000E+00	.0000E+0
231	0.00	0.000	0.228	0.1587	0.0000	.0000E+00	.0000E+00	0.3388	.9578E-02	.1876E-02	0.0000	.0000E+00	.0000E+0
232	0.00	0.000	0.127	0.1376	0.0000	.0000E+00	.0000E+00	0.3090	.8736E-02	.1748E-02	0.0000	.7429E-09	.1041E-0
233	0.50	0.000	0.126	0.1999	0.0000	.0000E+00	.0000E+00	0.2817	.7965E-02	.1629E-02	0.0000	.1995E-08	.1814E-0
234	0.00	0.000	0.183	0.1693	0.0000	.0000E+00	.0000E+00	0.2567	.7259E-02	.1517E-02	0.0001	.7610E-08	.3414E-0
235	0.00	0.000	0.176	0.1400	0.0000	.0000E+00	.0000E+00	0.2339	.6614E-02	.1413E-02	0.0001	.1426E-07	.4627E-0
236	0.01	0.000	0.034	0.1360	0.0000	.0000E+00	.0000E+00	0.2130	.6024E-02	.1316E-02	0.0002	.2223E-07	.5741E-0
237	0.00	0.000	0.005	0.1352	0.0000	.0000E+00	.0000E+00	0.1940	.5484E-02	.1225E-02	0.0002	.3109E-07	.6761E-0
238	0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.1765	.4991E-02	.1140E-02	0.0002	.4050E-07	.7694E-0
239	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1606	.4540E-02	.1061E-02	0.0003	.5019E-07	.8546E-0
240	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1460	.4129E-02	.9864E-03	0.0003	.5992E-07	.9322E-0
241	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1327	.3753E-02	.9172E-03	0.0003	.6951E-07	.1003E-0
242	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1206	.3410E-02	.8525E-03	0.0003	.7881E-07	.1337E-0
243	0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.1095	.3097E-02	.7922E-03	0.0004	.9111E-07	.1138E-0

244		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0994	.2811E-02	.7359E-03	0.0004	.9941E-07	.1189E-0
245		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0902	.2550E-02	.6833E-03	0.0004	.1072E-06	.1234E-0
246		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0818	.2313E-02	.6343E-03	0.0004	.1143E-06	.1275E-0
247		0.36	0.000	0.070	0.1834	0.0000	.0000E+00	.0000E+00	0.0741	.2097E-02	.5886E-03	0.0004	.1209E-06	.1311E-0
248		0.00	0.000	0.081	0.1700	0.0000	.0000E+00	.0000E+00	0.0672	.1899E-02	.5460E-03	0.0004	.1269E-06	.1343E-0
249		0.00	0.000	0.079	0.1569	0.0000	.0000E+00	.0000E+00	0.0608	.1720E-02	.5062E-03	0.0005	.1323E-06	.1371E-0
250		0.00	0.000	0.077	0.1440	0.0000	.0000E+00	.0000E+00	0.0551	.1557E-02	.4692E-03	0.0005	.1370E-06	.1395E-0
251		0.00	0.000	0.049	0.1359	0.0000	.0000E+00	.0000E+00	0.0498	.1408E-02	.4347E-03	0.0002	.7097E-07	.1064E-0
252		0.00	0.000	0.005	0.1352	0.0000	.0000E+00	.0000E+00	0.0450	.1273E-02	.4025E-03	0.0005	.1432E-06	.1430E-0
253		0.00	0.000	0.001	0.1350	0.0000	.0000E+00	.0000E+00	0.0407	.1150E-02	.3726E-03	0.0005	.1466E-06	.1447E-0
254		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0367	.1038E-02	.3447E-03	0.0005	.1494E-06	.1460E-0
255		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0331	.9367E-03	.3188E-03	0.0005	.1518E-06	.1471E-0
256		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0299	.8447E-03	.2947E-03	0.0005	.1537E-06	.1480E-0
257		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0269	.7612E-03	.2722E-03	0.0005	.1552E-06	.1487E-0
258		0.87	0.010	0.059	0.2685	0.0000	.0000E+00	.0000E+00	0.0242	.6854E-03	.2514E-03	0.0005	.1563E-06	.1493E-0
259		0.00	0.000	0.142	0.2448	0.0000	.0000E+00	.0000E+00	0.0218	.6168E-03	.2320E-03	0.0005	.1571E-06	.1496E-0
260		0.00	0.000	0.130	0.2230	0.0000	.0000E+00	.0000E+00	0.0196	.5546E-03	.2140E-03	0.0005	.1575E-06	.1498E-0
261		0.00	0.000	0.152	0.1977	0.0000	.0000E+00	.0000E+00	0.0176	.4983E-03	.1973E-03	0.0005	.1576E-06	.1498E-0
262		0.00	0.000	0.119	0.1779	0.0000	.0000E+00	.0000E+00	0.0158	.4474E-03	.1817E-03	0.0005	.1575E-06	.1498E-0
263		0.00	0.000	0.111	0.1593	0.0000	.0000E+00	.0000E+00	0.0142	.4013E-03	.1673E-03	0.0005	.1571E-06	.1496E-0
264		0.00	0.000	0.075	0.1468	0.0000	.0000E+00	.0000E+00	0.0127	.3597E-03	.1540E-03	0.0005	.1565E-06	.1493E-0
265		0.00	0.000	0.069	0.1353	0.0000	.0000E+00	.0000E+00	0.0114	.3221E-03	.1416E-03	0.0005	.1557E-06	.1489E-0
266		0.00	0.000	0.002	0.1350	0.0000	.0000E+00	.0000E+00	0.0102	.2882E-03	.1301E-03	0.0005	.1547E-06	.1484E-0
267		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0091	.2576E-03	.1194E-03	0.0005	.1535E-06	.1478E-0
268		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0081	.2300E-03	.1096E-03	0.0005	.1522E-06	.1472E-0
269		0.00	0.000	0.000	0.1350	0.0000	.0000E+00	.0000E+00	0.0073	.2052E-03	.1005E-03	0.0005	.1508E-06	.1465E-0
270		1.05	0.036	0.050	0.2957	0.0000	.0000E+00	.0000E+00	0.0065	.1828E-03	.9205E-04	0.0005	.1493E-06	.1457E-0
271		0.68	0.031	0.078	0.3884	0.6197	.0000E+00	.1464E-01	0.0203	.5729E-03	.2132E-03	0.0005	.1319E-06	.1353E-0
272		0.00	0.000	0.084	0.3691	2.6194	.0000E+00	.3232E-01	0.0737	.2084E-02	.5809E-03	0.0004	.8352E-07	.1272E-0
273		0.07	0.000	0.078	0.3624	2.4890	.0000E+00	.3204E-01	0.1505	.4254E-02	.1008E-02	0.0002	.1880E-07	.5175E-0
274		0.00	0.000	0.098	0.3408	2.3181	.0000E+00	.3166E-01	0.2197	.6212E-02	.1346E-02	0.0000	.1236E-08	.1400E-0
275		0.00	0.000	0.077	0.3228	2.0992	.0000E+00	.3117E-01	0.2819	.7970E-02	.1629E-02	0.0000	.6579E-09	.4837E-0
276		0.00	0.000	0.087	0.3031	1.9089	.0000E+00	.3075E-01	0.3376	.9545E-02	.1870E-02	0.0000	.0000E+00	.0000E+0
277		0.00	0.000	0.084	0.2840	1.7329	.0000E+00	.3036E-01	0.3875	.1096E-01	.2079E-02	0.0000	.0000E+00	.0000E+0
278		0.00	0.000	0.098	0.2628	1.5576	.0000E+00	.2998E-01	0.4322	.1222E-01	.2260E-02	0.0000	.0000E+00	.0000E+0
279		0.09	0.000	0.080	0.2594	1.3867	.0000E+00	.2960E-01	0.4721	.1335E-01	.2419E-02	0.0000	.0000E+00	.0000E+0
280		0.02	0.000	0.062	0.2475	1.2290	.0000E+00	.2925E-01	0.5078	.1436E-01	.2558E-02	0.0000	.0000E+00	.0000E+0
281		0.00	0.000	0.058	0.2331	1.0539	.0000E+00	.2886E-01	0.5395	.1525E-01	.2679E-02	0.0000	.0000E+00	.0000E+0
282		0.00	0.000	0.070	0.2167	0.9212	.0000E+00	.2857E-01	0.5676	.1605E-01	.2786E-02	0.0000	.0000E+00	.0000E+0
283		0.00	0.000	0.067	0.2009	0.7796	.0000E+00	.2826E-01	0.5927	.1676E-01	.2880E-02	0.0000	.0000E+00	.0000E+0
284		0.00	0.000	0.067	0.1850	0.6979	.0000E+00	.2807E-01	0.6149	.1739E-01	.2963E-02	0.0000	.0000E+00	.0000E+0
285		0.00	0.000	0.079	0.1673	0.4585	.0000E+00	.2755E-01	0.6345	.1794E-01	.3035E-02	0.0000	.0000E+00	.0000E+0
286		0.00	0.000	0.062	0.1547	0.0773	.0000E+00	.1344E-01	0.6376	.1803E-01	.3046E-02	0.0000	.0000E+00	.0000E+0
287		0.09	0.000	0.065	0.1589	0.0000	.0000E+00	.0000E+00	0.6043	.1709E-01	.2923E-02	0.0000	.0000E+00	.0000E+0
288		0.32	0.000	0.070	0.2006	0.0000	.0000E+00	.0000E+00	0.5523	.1562E-01	.2728E-02	0.0000	.0000E+00	.0000E+0
289		0.00	0.000	0.068	0.1893	0.0000	.0000E+00	.0000E+00	0.5045	.1427E-01	.2545E-02	0.0000	.0000E+00	.0000E+0
290		0.00	0.000	0.066	0.1782	0.0000	.0000E+00	.0000E+00	0.4608	.1303E-01	.2374E-02	0.0000	.0000E+00	.0000E+0
291		0.00	0.000	0.048	0.1702	0.0000	.0000E+00	.0000E+00	0.4207	.1190E-01	.2214E-02	0.0000	.0000E+00	.0000E+0
292		0.00	0.000	0.061	0.1601	0.0000	.0000E+00	.0000E+00	0.3840	.1086E-01	.2064E-02	0.0000	.3909E-09	.7613E-0
293		0.00	0.000	0.054	0.1510	0.0000	.0000E+00	.0000E+00	0.3504	.9907E-02	.1925E-02	0.0001	.4159E-08	.2448E-0
294		0.00	0.000	0.039	0.1445	0.0000	.0000E+00	.0000E+00	0.3196	.9037E-02	.1794E-02	0.0001	.1117E-07	.4000E-0
295		0.58	0.000	0.074	0.2288	0.0000	.0000E+00	.0000E+00	0.2914	.8240E-02	.1672E-02	0.0002	.2060E-07	.5424E-0
296		0.51	0.000	0.066	0.3028	0.0000	.0000E+00	.0000E+00	0.2656	.7511E-02	.1557E-02	0.0002	.3175E-07	.6729E-0
297		0.00	0.000	0.055	0.2914	0.0480	.0000E+00	.1337E-01	0.2553	.7220E-02	.1511E-02	0.0002	.3767E-07	.7328E-0
298		0.00	0.000	0.047	0.2790	0.1163	.0000E+00	.2679E-01	0.2807	.7938E-02	.1624E-02	0.0002	.2816E-07	.6339E-0
299		1.35	0.176	0.053	0.4610	0.9744	.0000E+00	.2869E-01	0.3274	.9258E-02	.1827E-02	0.0001	.1418E-07	.4506E-0
300		0.06	0.000	0.056	0.4554	4.8553	.0000E+00	.3727E-01	0.3817	.1079E-01	.2055E-02	0.0001	.4310E-08	.2494E-0
301		0.00	0.000	0.047	0.4414	4.6956	.0000E+00	.3691E-01	0.4449	.1258E-01	.2311E-02	0.0000	.5123E-10	.2774E-0
302		0.12	0.000	0.062	0.4449	4.4141	.0000E+00	.3629E-01	0.5016	.1418E-01	.2534E-02	0.0000	.0000E+00	.0000E+0
303		0.18	0.000	0.071	0.4570	4.4710	.0000E+00	.3642E-01	0.5527	.1563E-01	.2729E-02	0.0000	.0000E+00	.0000E+0
304		0.00	0.000	0.055	0.4417	4.7547	.0000E+00	.3704E-01	0.6003	.1697E-01	.2908E-02	0.0000	.0000E+00	.0000E+0
305		0.00	0.000	0.067	0.4244	4.5229	.0000E+00	.3653E-01	0.6445	.1822E-01	.3072E-02	0.0000	.0000E+00	.0000E+0
306		0.00	0.000	0.066	0.4074	4.2692	.0000E+00	.3597E-01	0.6836	.1933E-01	.3214E-02	0.0000	.0000E+00	.0000E+0
307		0.01	0.000	0.064	0.3925	3.9692	.0000E+00	.3531E-01	0.7179	.2030E-01	.3337E-02	0.0000	.0000E+00	.0000E+0
308		0.00	0.000	0.066	0.3757	3.7064	.0000E+00	.3473E-01	0.7477	.2114E-01	.3444E-02	0.0000	.0000E+00	.0000E+0
309		0.00	0.000	0.051	0.3615	3.4559	.0000E+00	.3417E-01	0.7735	.2187E-01	.3535E-02	0.0000	.0000E+00	.0000E+0
310		0.00	0.000	0.056	0.3466	3.2193	.0000E+00	.3365E-01	0.7958	.2250E-01	.3613E-02	0.0000	.0000E+00	.0000E+0
311		0.00	0.000	0.065	0.3303	2.9530	.0000E+00	.3306E-01	0.8149	.2304E-01	.3680E-02	0.0000	.0000E+00	.0000E+0
312		0.00	0.000	0.053	0.3160	2.7389	.0000E+00	.3259E-01	0.8309	.2349E-01	.3735E-02	0.0000	.0000E+00	.0000E+0
313		0.00	0.000	0.053	0.3018	2.5458	.0000E+00	.3216E-01	0.8444	.2388E-01	.3782E-02	0.0000	.0000E+00	.0000E+0
314		0.00	0.000	0.047	0.2886	2.3364	.0000E+00	.3170E-01	0.8557	.2419E-01	.3821E-02	0.0000	.0000E+00	.0000E+0
315		0.00	0.000	0.046	0.2758	2.0640	.0000E+00	.3110E-01	0.8647	.2445E-01	.3852E-02	0.0000	.0000E+00	.0000E+0
316		0.02	0.000	0.056	0.2647	1.8594	.0000E+00	.3064E-01	0.8715	.2464E-01	.3875E-02	0.0000	.0000E+00	.0000E+0
317		0.00	0.000	0.058	0.2500	1.6982	.0000E+00	.3029E-01	0.8767	.2479E-01	.3893E-02	0.0000	.0000E+00	.0000E+0
318		0.50	0.000	0.072	0.3164	1.5353	.0000E+00	.2993E-01	0.8805	.2490E-01	.3906E-02	0.0000	.0000E+00	.0000E+0
319		0.00	0.000	0.074	0.2992	1.3719	.0000E+00	.2957E-01	0.8831	.2497E-01	.3915E-02	0.0000	.0000E+00	.0000E+0
320		0.07	0.000	0.056	0.2967	1.2110	.0000E+00	.2921E-01	0.8845	.2501E-01	.3920E-02	0.0000	.0000E+00	.0000E+0
321		0.65	0.004	0.051	0.3911	1.2325	.0000E+00	.2926E-01	0.8853	.2503E-01	.3923E-02	0.0000	.0000E+00	.0000E+0
322		0.13	0.000	0.048	0.3993	2.7284	.0000E+00	.3256E-01	0.8893	.2515E-01	.3936E-02	0.0000	.0000E+00	.0000E+0
323		0.00	0.000	0.045	0.3863	2.8914	.0000E+00	.3292E-01	0.8988	.2541E-01	.3969E-02	0.0000	.9135E-10	.3597E-0
324		0.00	0.000	0.049	0.3727	2.8477	.0000E+00	.3283E-01	0.9079	.2567E-01	.4000E-02	0.0000	.1097E-08	.1537E-0
325		0.00	0.000	0.058	0.3575	2.6542	.0000E+00	.3240E-01	0.9157	.2589E-01	.4026E-02	0.0001	.2995E-08	.2115E-0
326		0.18	0.000	0.067	0.3710	2.4587	.0000E+00	.3197E-01	0.9217	.2606E-01	.4047E-02	0.0001	.6073E-08	.2995E-0
327		0.11	0.000	0.069	0.3726	2.3118	.0000E+00	.3164E-01	0.9262	.2619E-01	.4062E-02	0.0001	.1053E-07	.3930E-0
328		0.00	0.000	0.072	0.3554	2.2350	.0000E+00	.3147E-01	0.9297	.2629E-01	.4074E-02	0.0002	.1646E-07	.4900E-0
329		0.00	0.000	0.064	0.3395	2.0552	.0000E+00	.3108E-01	0.9322	.2636E-01	.4082E-02	0.0002	.2394E-07	.5897E-0
330		0.51	0.000	0.055	0.4102	2.1680	.0000E+00	.3133E-01	0.9341	.2641E-01	.4089E-02	0.0002	.3295E-07	.6908E-0
331		0.00	0.000	0.042	0.3975	3.4024	.0000E+00	.3405E-01	0.9390	.2655E-01	.4105E-02	0.0001	.2110E-07	.5760E-0
332		0.00	0.000	0.039	0.3854	3.1998	.0000E+00	.3361E-01	0.9474	.2679E-01	.4133E-02	0.0003	.4929E-07	.8403E-0
333	*	0.01	0.000	0.041	0.3747	2.9923	.0000E+00	.3315E-01	0.9539	.2697E-01	.4155E-02	0.0003	.5952E-07	.9239E-0
334		0.14	0.000	0.047	0.3847	2.8090	.0000E+00	.3274E-01	0.9588	.2711E-01	.4172E-02	0.0003	.7153E-07	.1013E-0
335	*	0.00	0.000	0.033	0.3737	2.6522	.0000E+00	.3240E-01	0.9622	.2721E-01	.4183E-02	0.0004	.8532E-07	.1399E-0
336	*	0.48	0.000	0.036	0.3716	2.5407	.0000E+00	.3215E-01	0.9646	.2727E-01	.4191E-02	0.0004	.1048E-06	.1227E-0
337		0.11	0.000	0.000	0.4165	2.7740	.0000E+00	.3267E-01	0.9669	.2734E-01	.4199E-02	0.0002	.6093E-07	.9826E-0
338		0.00	0.000	0.021	0.4458	3.9100	.0000E+00	.3518E-01	0.9723	.2749E-01	.4217E-02	0.0005	.1343E-06	.1386E-0
339		0.14	0.000	0.047	0.4553	4.5292	.0000E+00	.3655E-01	0.9827	.2779E-01	.4252E-02	0.0005	.1490E-06	.1458E-0

340	*		0.00	0.000	0.030	0.4441	4.5825	.0000E+00	.3666E-01	0.9946	.2812E-01	.4292E-02	0.0005	.1626E-06	.1522E-0
341			0.00	0.000	0.043	0.4309	4.3537	.0000E+00	.3616E-01	1.0051	.2842E-01	.4327E-02	0.0005	.1771E-06	.1589E-0
342			0.35	0.000	0.050	0.4749	4.4207	.0000E+00	.3631E-01	1.0142	.2868E-01	.4357E-02	0.0005	.1934E-06	.1661E-0
343			0.05	0.000	0.053	0.4680	5.2327	.0000E+00	.3810E-01	1.0245	.2897E-01	.4391E-02	0.0006	.2103E-06	.1732E-0
344			0.00	0.000	0.039	0.4552	4.9756	.0000E+00	.3753E-01	1.0362	.2930E-01	.4430E-02	0.0006	.2268E-06	.1798E-0
345	*		0.00	0.000	0.031	0.4438	4.6959	.0000E+00	.3691E-01	1.0455	.2956E-01	.4461E-02	0.0006	.2449E-06	.1869E-0
346	*		0.00	0.000	0.029	0.4330	4.4454	.0000E+00	.3636E-01	1.0525	.2976E-01	.4484E-02	0.0006	.2693E-06	.2449E-0
347	*		0.00	0.000	0.000	0.4270	4.2308	.0000E+00	.3589E-01	1.0576	.2990E-01	.4500E-02	0.0007	.2947E-06	.2053E-0
348	*		0.00	0.000	0.000	0.4211	4.0661	.0000E+00	.3552E-01	1.0611	.3000E-01	.4512E-02	0.0007	.3209E-06	.2143E-0
349	*		0.00	0.000	0.030	0.4103	3.8862	.0000E+00	.3512E-01	1.0633	.3006E-01	.4519E-02	0.0007	.3490E-06	.2234E-0
350	*		0.00	0.000	0.031	0.3994	3.6796	.0000E+00	.3467E-01	1.0642	.3009E-01	.4522E-02	0.0008	.3787E-06	.2327E-0
351	*		0.05	0.000	0.036	0.3960	3.4915	.0000E+00	.3425E-01	1.0640	.3008E-01	.4521E-02	0.0008	.4101E-06	.2421E-0
352	*		0.00	0.000	0.028	0.3858	3.3288	.0000E+00	.3389E-01	1.0627	.3005E-01	.4517E-02	0.0008	.4428E-06	.2515E-0
353	*		0.03	0.000	0.027	0.3807	3.1602	.0000E+00	.3352E-01	1.0606	.2999E-01	.4510E-02	0.0009	.4766E-06	.2609E-0
354	*		0.19	0.000	0.030	0.3784	3.0257	.0000E+00	.3322E-01	1.0577	.2991E-01	.4501E-02	0.0004	.2555E-06	.2018E-0
355	*		0.00	0.000	0.036	0.3762	2.8732	.0000E+00	.3288E-01	1.0543	.2981E-01	.4490E-02	0.0009	.5368E-06	.2769E-0
356	*		0.00	0.000	0.030	0.3741	2.7472	.0000E+00	.3261E-01	1.0503	.2970E-01	.4477E-02	0.0009	.5719E-06	.2858E-0
357	*		0.00	0.000	0.027	0.3698	2.6409	.0000E+00	.3237E-01	1.0460	.2958E-01	.4462E-02	0.0010	.6106E-06	.3692E-0
358	*	*	0.00	0.000	0.000	0.3649	1.3410	.0000E+00	.2950E-01	1.0388	.2937E-01	.4439E-02	0.0010	.6550E-06	.3056E-0
359	*	*	0.00	0.000	0.000	0.3602	0.8150	.0000E+00	.2833E-01	1.0264	.2902E-01	.4398E-02	0.0010	.6998E-06	.3158E-0
360	*	*	0.16	0.000	0.030	0.3555	0.6849	.0000E+00	.2805E-01	1.0129	.2864E-01	.4353E-02	0.0011	.7450E-06	.3258E-0
361		*	0.00	0.000	0.034	0.3582	0.5562	.0000E+00	.2776E-01	0.9997	.2827E-01	.4309E-02	0.0011	.7881E-06	.3351E-0
362		*	0.00	0.000	0.039	0.3536	0.4287	.0000E+00	.2748E-01	0.9869	.2791E-01	.4266E-02	0.0011	.8289E-06	.3436E-0
363	*	*	0.00	0.000	0.012	0.3491	0.3026	.0000E+00	.2720E-01	0.9744	.2755E-01	.4224E-02	0.0012	.8675E-06	.3515E-0
364	*	*	0.17	0.000	0.039	0.3446	0.1777	.0000E+00	.2692E-01	0.9622	.2721E-01	.4183E-02	0.0012	.9037E-06	.3587E-0
365		*	0.00	0.012	0.033	0.3554	0.0541	.0000E+00	.2176E-01	0.9455	.2673E-01	.4127E-02	0.0006	.4714E-06	.2750E-0

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MONTHLY TOTALS (IN INCHES) FOR YEAR 25

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	3.51	4.73	5.20	1.79	2.84	3.48
	1.23	4.54	3.03	3.32	2.33	1.73
RUNOFF	0.587	4.159	3.422	0.000	0.002	0.044
	0.000	0.225	0.077	0.176	0.004	0.013
EVAPOTRANSPIRATION	1.212	0.600	2.077	2.118	2.582	3.698
	0.639	4.598	1.509	2.048	1.696	0.876
PERCOLATION/LEAKAGE THROUGH	1.1472	0.3430	0.8956	0.3089	0.1144	0.0266
LAYER 2	0.0000	0.3077	0.0790	0.6203	0.9716	1.0179
LATERAL DRAINAGE COLLECTED	0.9745	0.5840	0.5376	0.5217	0.0982	0.0499
FROM LAYER 3	0.0083	0.2248	0.0343	0.3880	0.7326	0.8938
LATERAL DRAINAGE RECIRCULATED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1450	0.0936	0.0896	0.0869	0.0241	0.0145
LAYER 4	0.0035	0.0448	0.0105	0.0708	0.1154	0.1356
LATERAL DRAINAGE COLLECTED	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
FROM LAYER 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH	0.1096	0.1416	0.0912	0.1130	0.1031	0.0671
LAYER 7	0.0545	0.0151	0.0414	0.0042	0.0062	0.0728

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	4.737	0.699	3.270	0.357	0.024	0.002
TOP OF LAYER 2	0.000	0.524	0.191	1.308	2.648	2.923
STD. DEVIATION OF DAILY	0.646	1.534	2.053	0.570	0.067	0.006
HEAD ON TOP OF LAYER 2	0.000	0.803	0.652	1.645	0.851	1.607
AVERAGE DAILY HEAD ON	1.112	0.738	0.613	0.615	0.112	0.059
TOP OF LAYER 4	0.009	0.257	0.040	0.443	0.864	1.020
STD. DEVIATION OF DAILY	0.019	0.335	0.298	0.301	0.071	0.028
HEAD ON TOP OF LAYER 4	0.009	0.158	0.034	0.128	0.081	0.039
AVERAGE DAILY HEAD ON	0.001	0.002	0.001	0.001	0.001	0.001
TOP OF LAYER 7	0.001	0.000	0.000	0.000	0.000	0.001
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 7	0.000	0.000	0.000	0.000	0.000	0.000

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ANNUAL TOTALS FOR YEAR 25

	INCHES	CU. FEET	PERCENT
PRECIPITATION	37.73	342399.750	100.00
RUNOFF	8.709	79034.141	23.08
EVAPOTRANSPIRATION	23.653	214650.828	62.69
PERC./LEAKAGE THROUGH LAYER 2	5.832190	52927.125	15.46
AVG. HEAD ON TOP OF LAYER 2	1.3901		
DRAINAGE COLLECTED FROM LAYER 3	5.0477	45808.312	13.38
RECIRCULATION FROM LAYER 3	0.000000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 4	0.834425	7572.406	2.21
AVG. HEAD ON TOP OF LAYER 4	0.4901		
DRAINAGE COLLECTED FROM LAYER 6	0.0002	1.672	0.00
PERC./LEAKAGE THROUGH LAYER 7	0.819940	7440.958	2.17
AVG. HEAD ON TOP OF LAYER 7	0.0007		
CHANGE IN WATER STORAGE	-0.500	-4536.115	-1.32
SOIL WATER AT START OF YEAR	285.530	2591185.250	
SOIL WATER AT END OF YEAR	285.030	2586649.250	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	-0.056	0.00

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AVERAGE MONTHLY VALUES IN INCHES FOR YEARS 1 THROUGH 25

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION						
TOTALS	3.12	3.43	4.28	2.95	3.96	2.80
	3.90	4.64	3.54	2.39	3.10	3.69
STD. DEVIATIONS	1.36	1.36	2.09	1.22	2.23	1.29
	1.83	2.26	1.77	1.14	1.22	1.79
RUNOFF						
TOTALS	1.867	2.372	2.197	0.327	0.463	0.086
	0.219	0.521	0.450	0.165	0.483	0.957
STD. DEVIATIONS	1.767	1.009	2.096	0.572	0.714	0.196
	0.308	0.746	0.643	0.240	0.686	1.223
EVAPOTRANSPIRATION						
TOTALS	0.895	0.760	2.230	2.682	3.228	3.050
	3.368	3.578	2.542	1.518	1.478	0.967
STD. DEVIATIONS	0.341	0.329	0.528	0.851	1.481	1.169
	1.472	1.324	0.938	0.555	0.255	0.161
PERCOLATION/LEAKAGE THROUGH LAYER 2						
TOTALS	0.6212	0.2266	0.7641	0.4242	0.3497	0.1338
	0.1745	0.2686	0.3326	0.4482	0.7613	0.9037
STD. DEVIATIONS	0.3886	0.3075	0.2540	0.3197	0.3084	0.1273
	0.1850	0.2027	0.2402	0.3348	0.3340	0.3021
LATERAL DRAINAGE COLLECTED FROM LAYER 3						
TOTALS	0.6650	0.2728	0.4757	0.5106	0.3064	0.1800
	0.1197	0.1907	0.2522	0.3604	0.5410	0.7520
STD. DEVIATIONS	0.2927	0.2322	0.2468	0.2288	0.2513	0.1401
	0.1062	0.1246	0.1485	0.2410	0.2627	0.2693

LATERAL DRAINAGE RECIRCULATED FROM LAYER 3

TOTALS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
STD. DEVIATIONS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

PERCOLATION/LEAKAGE THROUGH LAYER 4

TOTALS	0.1047	0.0487	0.0787	0.0845	0.0549	0.0360
	0.0256	0.0375	0.0477	0.0629	0.0878	0.1161
STD. DEVIATIONS	0.0402	0.0336	0.0344	0.0313	0.0375	0.0230
	0.0188	0.0211	0.0226	0.0362	0.0373	0.0380

LATERAL DRAINAGE COLLECTED FROM LAYER 6

TOTALS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
STD. DEVIATIONS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

PERCOLATION/LEAKAGE THROUGH LAYER 7

TOTALS	0.1078	0.1042	0.0579	0.0798	0.0891	0.0773
	0.0587	0.0406	0.0329	0.0369	0.0349	0.0638
STD. DEVIATIONS	0.0401	0.0391	0.0295	0.0353	0.0241	0.0296
	0.0234	0.0211	0.0199	0.0260	0.0263	0.0334

AVERAGES OF MONTHLY AVERAGED DAILY HEADS (INCHES)

DAILY AVERAGE HEAD ON TOP OF LAYER 2

AVERAGES	1.7665	0.7058	2.5644	1.0666	0.9379	0.1947
	0.3244	0.5341	0.7711	1.0733	2.3286	2.9619
STD. DEVIATIONS	1.4478	1.2634	1.1196	1.2568	1.0696	0.3166
	0.4359	0.5247	0.6903	1.1132	1.4638	1.6514

DAILY AVERAGE HEAD ON TOP OF LAYER 4

AVERAGES	0.7587	0.3417	0.5427	0.6019	0.3496	0.2122
	0.1366	0.2176	0.2973	0.4112	0.6377	0.8580
STD. DEVIATIONS	0.3340	0.2900	0.2816	0.2697	0.2867	0.1651
	0.1212	0.1422	0.1751	0.2750	0.3097	0.3073

DAILY AVERAGE HEAD ON TOP OF LAYER 7

AVERAGES	0.0011	0.0012	0.0006	0.0008	0.0009	0.0008
	0.0006	0.0004	0.0003	0.0004	0.0004	0.0006
STD. DEVIATIONS	0.0004	0.0004	0.0003	0.0004	0.0002	0.0003
	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003

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AVERAGE ANNUAL TOTALS & (STD. DEVIATIONS) FOR YEARS 1 THROUGH 25

	INCHES		CU. FEET	PERCENT
PRECIPITATION	41.80	(5.909)	379302.3	100.00
RUNOFF	10.106	(3.7001)	91715.12	24.180
EVAPOTRANSPIRATION	26.297	(3.2632)	238645.87	62.917
PERCOLATION/LEAKAGE THROUGH LAYER 2	5.40855	(0.91074)	49082.551	12.94022
AVERAGE HEAD ON TOP OF LAYER 2	1.269	(0.286)		
LATERAL DRAINAGE COLLECTED FROM LAYER 3	4.62672	(0.80664)	41987.465	11.06966
DRAINAGE RECIRCULATED FROM LAYER 3	0.00000	(0.00000)	0.000	0.00000
PERCOLATION/LEAKAGE THROUGH LAYER 4	0.78527	(0.11632)	7126.317	1.87880
AVERAGE HEAD ON TOP OF LAYER 4	0.447	(0.079)		
LATERAL DRAINAGE COLLECTED FROM LAYER 6	0.00017	(0.00004)	1.498	0.00039

PERCOLATION/LEAKAGE THROUGH LAYER 7	0.78390	(0.10704)	7113.921	1.87553
AVERAGE HEAD ON TOP OF LAYER 7	0.001	(0.000)		
CHANGE IN WATER STORAGE	-0.018	(1.6566)	-161.52	-0.043

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              PEAK DAILY VALUES FOR YEARS    1 THROUGH   25
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                                                (INCHES)      (CU. FT.)
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     PRECIPITATION                              4.02         36481.500

     RUNOFF                                     3.676        33355.3789

     PERCOLATION/LEAKAGE THROUGH LAYER  2       0.039798       361.16690

     AVERAGE HEAD ON TOP OF LAYER  2            6.000

     DRAINAGE COLLECTED FROM LAYER  3           0.03365        305.35065

     PERCOLATION/LEAKAGE THROUGH LAYER  4       0.004931        44.74865

     AVERAGE HEAD ON TOP OF LAYER  4            1.190

     MAXIMUM HEAD ON TOP OF LAYER  4            2.155

     LOCATION OF MAXIMUM HEAD IN LAYER  3
           (DISTANCE FROM DRAIN)                9.2 FEET

     DRAINAGE COLLECTED FROM LAYER  6           0.00000          0.02133

     PERCOLATION/LEAKAGE THROUGH LAYER  7       0.007159        64.96867

     AVERAGE HEAD ON TOP OF LAYER  7            0.002

     MAXIMUM HEAD ON TOP OF LAYER  7            0.004

     LOCATION OF MAXIMUM HEAD IN LAYER  6
           (DISTANCE FROM DRAIN)                0.0 FEET

     SNOW WATER                                 4.66         42279.3516


     MAXIMUM VEG. SOIL WATER (VOL/VOL)                  0.5010

     MINIMUM VEG. SOIL WATER (VOL/VOL)                  0.1350

      ***  Maximum heads are computed using McEnroe's equations.  ***

           Reference:  Maximum Saturated Depth over Landfill Liner
                       by Bruce M. McEnroe, University of Kansas
                       ASCE Journal of Environmental Engineering
                       Vol. 119, No. 2, March 1993, pp. 262-270.

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FINAL WATER STORAGE AT END OF YEAR 25

LAYER	(INCHES)	(VOL/VOL)
1	2.1321	0.3554
2	4.8000	0.4000
3	0.8861	0.0738
4	0.0000	0.0000
5	1.4272	0.1189
6	35.0409	0.2920
7	240.0000	0.4000
SNOW WATER	0.000	

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