Conversion of the Twin Cities Metropolitan Area Numerical Ground-Water-Flow Model from the Trescott-Larson Computer Code to the McDonald-Harbaugh Computer Code

By R.J. Lindgren

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Multiply	By	To obtain
inch (in.)	25.4	millimeter
foot (ft)	.3048	meter
foot squared per day (ft^2/d)	.09290	meter squared per day
cubic foot (ft^3)	.02832	cubic meter
gallon per minute (gal/min)	.06309	liter per second
mile (mi)	1.609	kilometer
square mile (mi^2)	2.590	square kilometer
acre	4,047	square meter
million gallon per year (Mgal/yr)	3,785	cubic meter per year
degree Fahrenheit	5/9 x ($°°$F-32)	degree Celsius

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929—geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Sea Level Datum of 1929".

CONVERSION OF THE TWIN CITIES METROPOLITAN AREA NUMERICAL GROUND-WATER-FLOW MODEL FROM THE TRESCOTT-LARSON COMPUTER CODE TO THE MCDONALD-HARBAUGH COMPUTER CODE

By R. J. Lindgren

Abstract

A numerical model of ground-water flow in the Twin Cities metropolitan area was converted from the Trescott-Larson computer code to the McDonald-Harbaugh computer code to facilitate current and future use of the model using up-to-date computer software and hardware. Differences exist between the two computer codes in how head-dependent source-sink functions, including leaky rivers, springs and seepage faces (drains), and head-dependent flux boundaries, are formulated. Because of differences in the formulation and calculation of the conductance terms, the conductance values for the head-dependent source-sink functions from the Trescott-Larson Twin Cities model were multiplied by the area of the appropriate model cell for conversion to the McDonald-Harbaugh Twin Cities model. Leaky rivers were simulated using the river package in the McDonald-Harbaugh Twin Cities model, springs and seepage faces were simulated using the drain package, and head-dependent flux boundaries were simulated using the general-head boundary package.

Hydraulic heads and flows in the aquifer system calculated by the McDonald-Harbaugh Twin Cities model were compared to those calculated by the Trescott-Larson Twin Cities model to verify that the results calculated by the two models are similar. Mean differences in calculated hydraulic heads for the drift, drift and St. Peter aquifer, and drift and Prairie du Chien-Jordan aquifer model layers ranged from 1.1 to 1.6 feet. Mean differences in calculated hydraulic heads for the drift and Ironton-Galesville aquifer, drift and Eau Claire confining unit, and drift and Mount Simon-Hinckley aquifer model layers were 0.4 feet or less. Large differences in calculated hydraulic heads at a few cells probably were due to differences in the solution methods used in the McDonald-Harbaugh and Trescott-Larson computer codes to calculate hydraulic heads at and near model layer boundaries.

Differences in calculated flow rates for the McDonald-Harbaugh and Trescott-Larson Twin Cities models were less than 0.3 cubic feet per second for recharge and the head-dependent source-sink functions. Differences in calculated flow in and flow out of constant-head cells for each model layer for the two models ranged from about 2 cubic feet per second for the Mount Simon-Hinckley aquifer model layer to about 45 cubic feet per second for the Prairie du Chien-Jordan aquifer model layer. The differences between the net flow rates at constant-head cells calculated by the two models for each model layer were much smaller, ranging from 0.01 cubic feet per second for the Ironton-Galesville and Mount Simon-Hinckley aquifer model layers to 8.39 cubic feet per second for the St. Peter aquifer model layer. Differences in the calculated ground-water budgets for the two models were 5.3 percent for the total sources and 4.4 percent for the total sinks.

Introduction

A three-phase, multi-year study was conducted from 1980 to 1990 by the U. S. Geological Survey, in cooperation with the Minnesota Department of Natural Resources (MDNR) and the Metropolitan Council of the Twin Cities, to (1) develop a detailed understanding of the hydrogeologic system in the Twin Cities metropolitan area, (2) evaluate the hydrologic effects of continued development of ground-water supplies, and (3) provide sound technical information and a predictive tool for wise continued development of ground-water supplies. In the first phase, Guswa and others (1982) developed a preliminary ground-water-flow model. Numerical models of ground-water flow provide quantitative information on the effects of complex and dynamic variations in natural and man-made stresses on the ground-water system. In the second phase, Horn (1983, 1984) and Schoenberg (1984) collected and reported additional water-use and potentiometric data, respectively. In the third phase, Schoenberg (1990) consolidated geologic and hydrologic information on the aquifer system in the study area and described the development and application of a model to simulate ground-water flow for 1970-79. The consequences of various water-use scenarios, which illustrate possible responses of the aquifer system to successively increasing demands on the ground-water resource, also were investigated.

Schoenberg (1990) simulated the aquifer system in the Twin Cities metropolitan area and the effects of ground-water withdrawals on the aquifer system using a numerical ground-water-flow model based on the computer code described by Trescott (1975) and Trescott and Larson (1976). The Trescott (1975) and Trescott and Larson (1976) computer code will

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hereinafter be termed the Trescott-Larson computer code. The numerical ground-water-flow model of the aquifer system in the Twin Cities metropolitan area developed by Schoenberg (1990), including the Trescott-Larson computer code and the required input data, will hereinafter be termed the Trescott-Larson Twin Cities model. The Trescott-Larson Twin Cities model was run on a mainframe computer at the University of Minnesota. The large number of nodes and layers in the model required a computer with greater storage and memory capacity than was available in the Minnesota District office at the time.

Since the development of the Trescott-Larson Twin Cities model, new computer hardware and numerical-model computer codes have been developed that can be used to more efficiently simulate ground-water systems. Personal computers (PC's) and Unix workstations are currently available and in use in the U.S. Geological Survey and other government agencies that can efficiently run large numerical ground-water-flow models. Large mainframe computers are no longer necessary to run these models. The computer code that is currently used most widely within the U. S. Geological Survey to simulate ground-water flow in the saturated zone is the U. S. Geological Survey modular code developed by McDonald and Harbaugh (1988). The U.S. Geological Survey modular code developed by McDonald and Harbaugh (1988) will hereinafter be termed the McDonald-Harbaugh computer code. The McDonald-Harbaugh computer code uses finite-difference methods to obtain approximate solutions to partial-differential equations of ground-water flow, similar to the Trescott-Larson computer code. Both computer codes incorporate horizontal- and vertical-flow equations, hydrogeologic characteristics of aquifers, and recharge and discharge from the aquifer system to determine hydraulic heads and fluxes in the aquifer system. An improvement made available by the McDonald-Harbaugh computer code is modularization, which allows for the incorporation of new and improved modules, or packages to be used in simulating ground-water flow as they become available. New modules or packages that have been developed since the release of the original McDonald-Harbaugh computer code include packages dealing with ground-water/surface-water interaction, drying and rewetting of model cells, and additional numerical solvers. The Trescott-Larson Twin Cities model was converted from the Trescott-Larson computer code to the McDonald-Harbaugh computer code to facilitate current and future use of the Twin Cities model using up-to-date computer software and hardware, including personal computers and Unix workstations. The converted Trescott-Larson Twin

Cities model using the McDonald-Harbaugh computer code and modified, when necessary, input data, will hereinafter be termed the McDonald-Harbaugh Twin Cities model.

Purpose and Scope

The purpose of this report is to (1) describe changes in the model input data that were needed to convert the Twin Cities model from the Trescott-Larson computer code to the McDonald-Harbaugh computer code, (2) compare the calculated hydraulic heads and fluxes in the aquifer system for the McDonald-Harbaugh Twin Cities model to the calculated hydraulic heads and fluxes in the aquifer system for the Trescott-Larson Twin Cities model, and (3) document the input data for the McDonald-Harbaugh Twin Cities model packages. A brief description of the aquifer system and the corresponding model layers is provided. Boundary conditions for the Trescott-Larson Twin Cities model are also discussed. Boundary conditions representing head-dependent source-sink functions, including rivers, springs or drains, and head-dependent boundary fluxes, are formulated differently in the two model computer codes. Changes to the input data for the McDonald-Harbaugh Twin Cities model (as compared to the input data for the Trescott-Larson Twin Cities model) needed to account for these differences are explained. Changes in formats needed to convert the input data arrays from the Trescott-Larson Twin Cities model to the McDonald-Harbaugh Twin Cities model are straightforward and are not discussed. The reader is referred to Schoenberg (1990) for a complete discussion of the aquifer system and the design and calibration of the Trescott-Larson Twin Cities model.

Description of Trescott-Larson Twin Cities Model

The aquifer system underlying the Twin Cities metropolitan area (Twin Cities aquifer system) in east-central Minnesota (fig. 1) consists of 9 hydrogeologic units, including drift, 4 aquifers and 4 confining units (fig. 2). Schoenberg (1990) developed a numerical ground-water-flow model (Trescott-Larson Twin Cities model) based on the Trescott-Larson computer code to simulate the effects of ground-water withdrawals on the aquifer system. The Trescott-Larson Twin Cities model was calibrated under equilibrium (steady-state) conditions for 1970-79.

The model area is represented by a variably-spaced grid having 59 west-east rows and 69 north-south columns. Cells with transmissivity equal to zero are inserted at the model boundaries in each layer by the Trescott-Larson computer code. The cells in these outermost rows (1 and 59) and columns (1 and 69) are
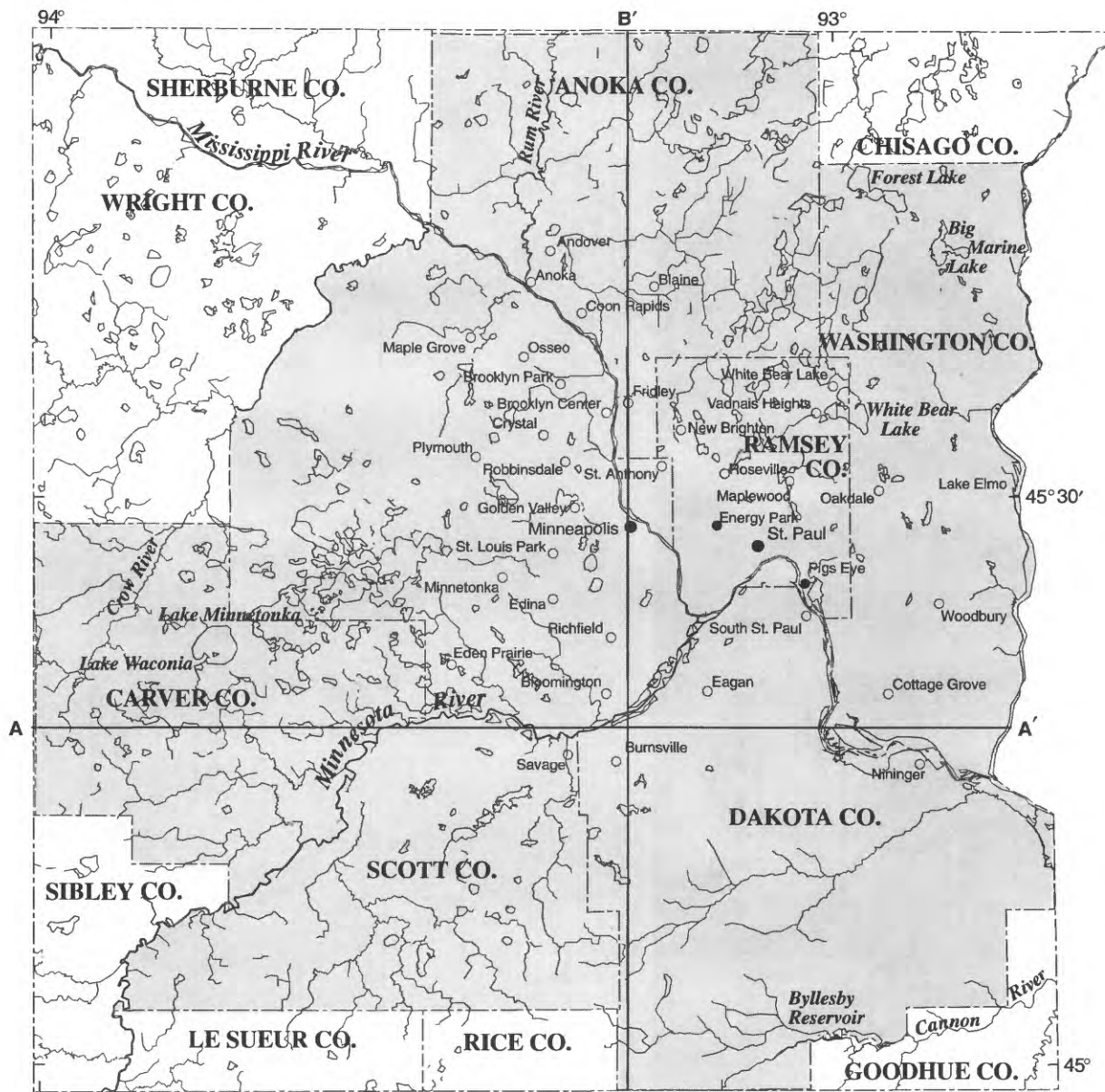
Schoenberg (1990)

SCALE

0   10   20 Miles

0   10   20 Kilometers
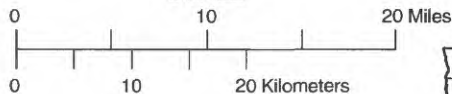
EXPLANATION

Twin Cities metropolitan area

Study area

A————A' Trace of sections shown in Figure 2

Figure 1. Location of study area.

3
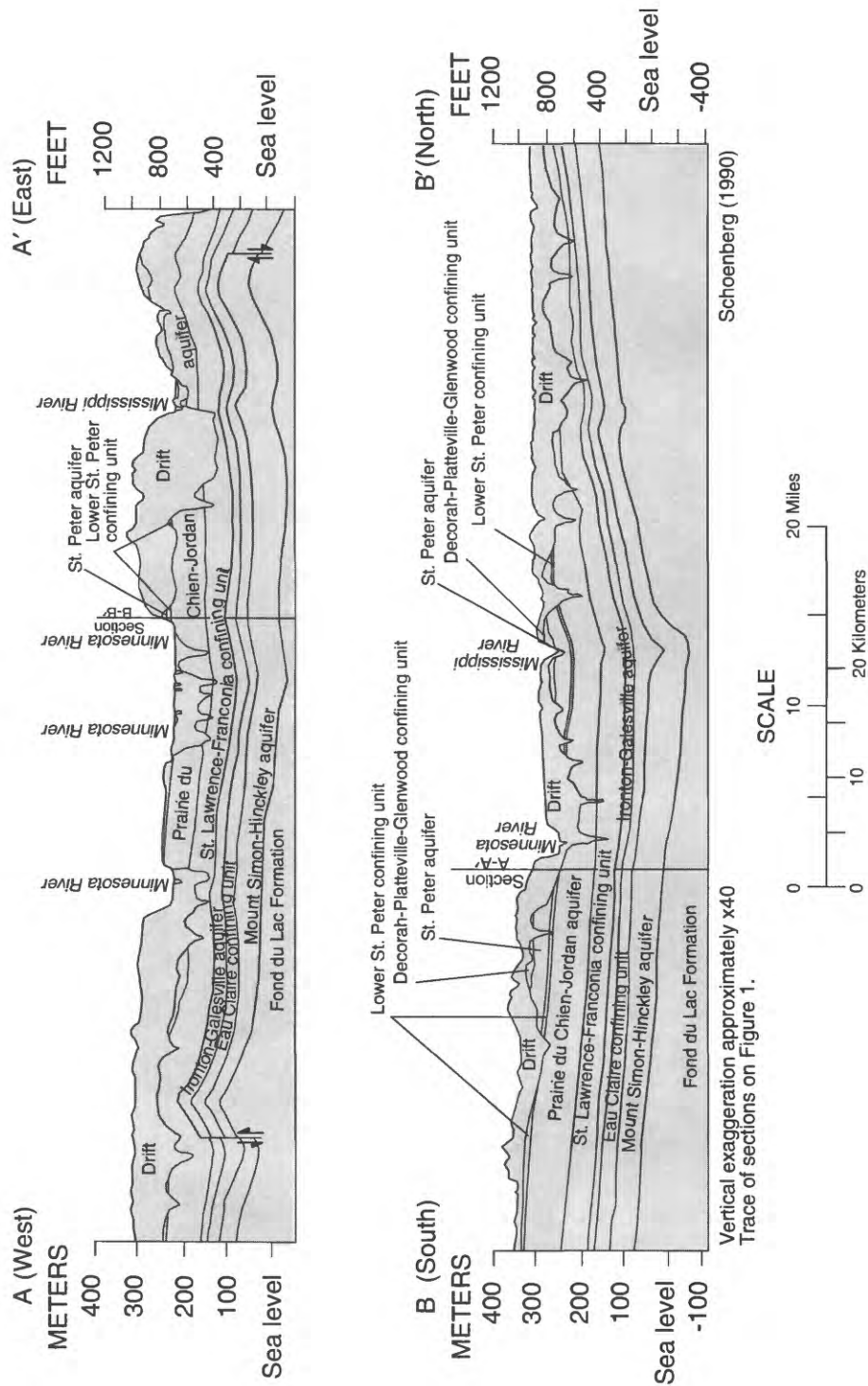
Figure 2. Hydrogeologic sections of the Twin Cities aquifer system, Minnesota.

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inactive cells, but are needed by the Trescott-Larson computer code to calculate hydraulic heads and flows at the model- layer boundaries. The model grid is shown in figure 3 (the inactive boundary cells are not shown). Cell dimensions range from 2,000 ft x 2,000 ft to 20,000 ft x 24,000 ft. The smallest cells are located in areas representing either actual or potential steep hydraulic-head gradients around major pumping centers in the vicinity of Minneapolis, St. Paul, and present-day river valleys. Conversely, near the edge of the model, away from the centers of heavy use and areas of naturally steep hydraulic-head gradients, grid cells are large.

The aquifer system was divided into 10 layers for the Trescott-Larson Twin Cities model (fig. 4). The top layer (layer 10) represents drift near the center of the model area. All other layers represent both drift and bedrock. The layers represent, in order of increasing depth below land surface, the St. Peter (layer 9), Prairie du Chien-Jordan (layer 8), Ironton-Galesville (layer 7), and Mount Simon-Hinckley (layer 1) aquifers. The Eau Claire confining unit is represented by model layers 2-6. Implicitly represented between the layers using leakage coefficients, in order of increasing depth below land surface, are the Decorah-Platteville-Glenwood (9-10; between model layers 9 and 10), lower St. Peter (8-9; between model layers 8 and 9), St. Lawrence-Franconia (7-8; between model layers 7 and 8), and Eau Claire (6-7 through 1-2) confining units (fig. 4). Where the hydrogeologic units (either bedrock or drift or both) are absent in each layer, no-flow cells with transmissivity equal to zero were inserted. The Eau Claire confining unit was explicitly represented as multiple layers so that accurate flow from storage in the confining unit could be simulated at a later date under time-dependent (transient) conditions.

Model cells representing either solely bedrock or solely drift were assigned transmissivity values calculated from the product of average horizontal hydraulic conductivity and thickness. In many areas, bedrock hydrogeologic units are either partially or completely cut by pre-glacial valleys and the valleys are filled with drift. Model cells at these locations represent both bedrock and drift. For these, transmissivity was calculated from the relative percentages of bedrock and drift in the cell represented. This step was taken to represent and simulate the effects of drift-filled, bedrock valleys on ground-water flow. Vertical flow in the aquifer system was simulated by allowing leakage through semi-confining units. A leakage coefficient was calculated for each model cell by dividing the vertical hydraulic conductivity of the semi-confining unit by its thickness. In places where model-grid cells represent both drift and bedrock, the calculations of leakage

coefficients took into account the relative percentage of bedrock and drift in the cell.

Boundary conditions

In order to calculate heads in the numerical model, either hydraulic head or flux must be given at the fixed hydraulic boundaries of the model. Hydraulic boundaries were specified at the edge of the model (external boundaries) or within the area represented by the model (internal boundaries). External boundaries represent the lateral extent or hydraulic head and flow conditions of each aquifer at the edge of the model. The top and bottom external boundaries are the water table and the base of the aquifer system, respectively. Internal boundary conditions represent leaky rivers, springs and seepage faces, and hydraulic heads along rivers and at lakes. Boundary conditions used in the Trescott-Larson Twin Cities model are shown in Schoenberg (1990, fig. 29 a-e, p. 59-63).

No-flow boundaries were used to (1) terminate a layer where it is absent within the model, (2) terminate a layer at the edge of the model, and (3) prevent flow through the base of the model. Constant heads were used as the boundary condition to represent lakes and the Cannon, Rum, and Crow Rivers.

The channels of the Mississippi, Minnesota, and St. Croix Rivers are important discharge areas for the aquifer system. The volume of water gained or lost by the rivers is a function of the (1) difference between river stage and aquifer heads, (2) vertical hydraulic conductivity of the streambed material, and (3) thickness of the streambed. The value for vertical hydraulic conductivity of the streambed was based on the observation that all the major river valleys in the study area are filled with alluvium or reworked glacial drift. In the model, streambed thickness was simulated as the thickness of drift and alluvium between the top of the cell which the river flowed through and the center of that cell (one-half the cell thickness). When aquifer head exceeds river stage, the river gains water from the aquifer. Conversely, when river stage exceeds aquifer head, the river loses water to the aquifer. Infiltration of river water to the aquifer increases from zero when the calculated aquifer head equals river stage to a maximum when the calculated aquifer head equals the altitude of the river bottom.

Springs and seepage faces are present throughout the model area along the Mississippi, Minnesota, and St. Croix Rivers. These were simulated as being present at the center of the cell that represents the edge of the aquifer. The volume of water lost through springs or seeps was proportional to the head calculated at the

COLUMN

ROW

Base from U.S. Bureau of the Census
Tiger/line Census files, 1:100,000,
1990, UTM projection, zone 15.

Schoenberg (1990)

SCALE

0   10   20 Miles

0   10   20 Kilometers
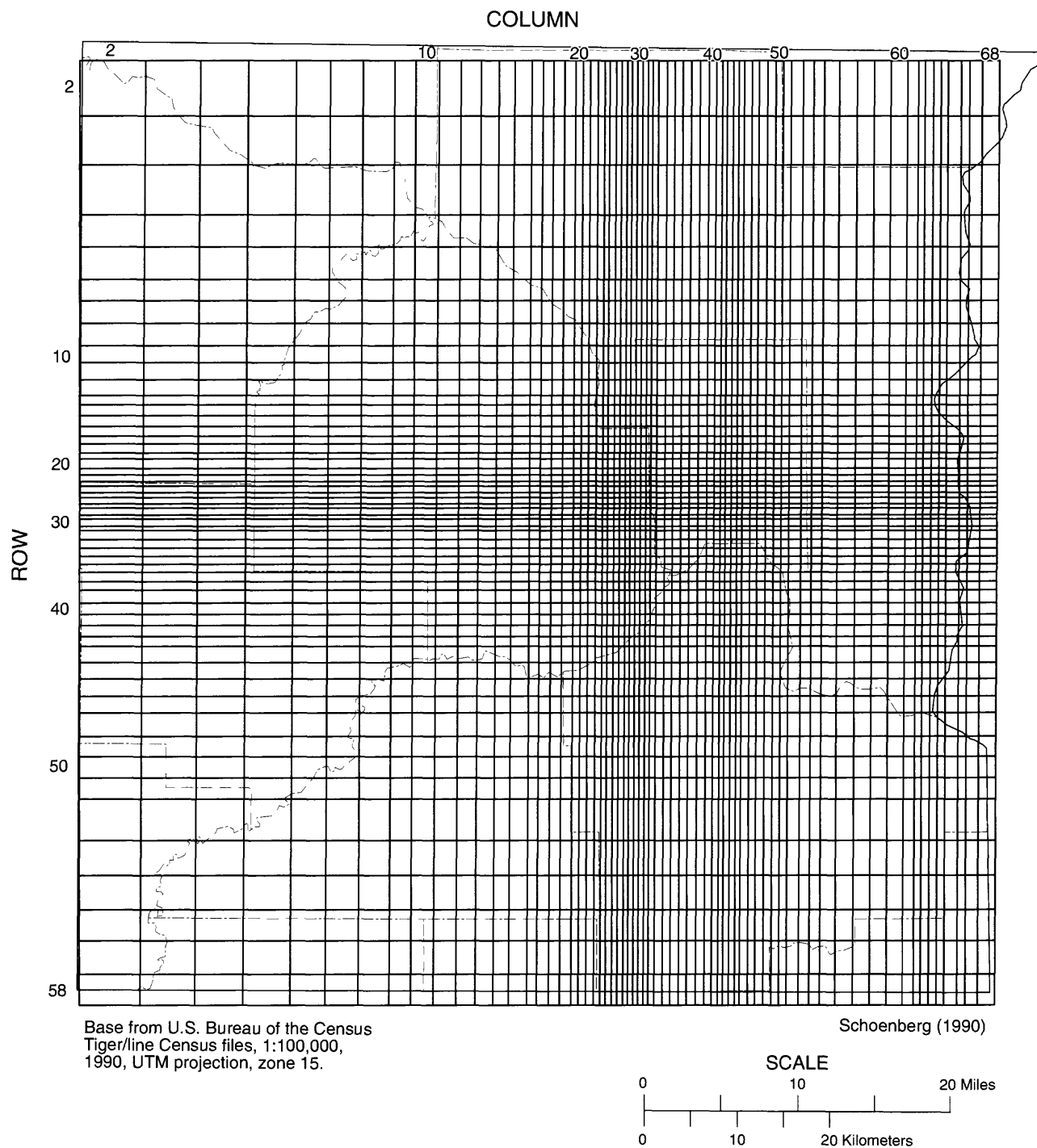
Figure 3. Finite-difference grid used in model analysis.

Figure 4 layering scheme:

MH model confining unit	TL model confining unit	(center diagram)	TL model layer	MH model layer
			10	1
1-2	9-10	St. Peter / aquifer	9	2
2-3	8-9	Prairie du Chien-Jordan aquifer	8	3
3-4	7-8	Ironton-Galesville aquifer	7	4
4-5	6-7	Eau Claire confining unit	6	5
5-6	5-6	Eau Claire confining unit	5	6
6-7	4-5	Eau Claire confining unit	4	7
7-8	3-4	Eau Claire confining unit	3	8
8-9	2-3	Eau Claire confining unit	2	9
9-10	1-2	Mount Simon-Hinckley aquifer	1	10

Modified from Schoenberg (1990)

EXPLANATION

Drift (bedrock missing)

Bedrock

TL model Trescott-Larson Twin Cities model

MH model McDonald-Harbaugh Twin Cities model

Confining unit	Hydrogeologic units
9-10	Drift and Decorah-Platteville-Glenwood confining unit
8-9	Drift and lower St. Peter confining unit
7-8	Drift and St. Lawrence-Franconia confining unit
1-2, 2-3, 3-4, 4-5, 5-6, 6-7	Drift and Eau Claire confining unit

Figure 4. Generalized layering scheme for the Twin Cities model.

center of the cell and the altitude of the seep or spring. If the calculated head was the same or less than the discharge altitude, discharge ceased. In contrast to a leaky river bed, water can only flow out of a seep or spring, not into it.

A head-dependent flux boundary was used along the southern edge of model layer 1, representing the Mount Simon-Hinckley aquifer. This boundary condition is used to simulate a water source outside the model areas that supplies water to cells along the boundary of the area represented by the model. Water is supplied to the boundary at a rate proportional to the head difference between the source and the head calculated at the center of the boundary cell and the hydraulic conductivity of the aquifer material between the locations. The source

of water was located about 17 miles south of the model boundary at the approximate flow divide in the Mount Simon-Hinckley aquifer (Delin and Woodward, 1985).

In addition to the boundary conditions at the fixed hydraulic boundaries of the model, fluxes that vary with time must be described. In the aquifer system, recharge from precipitation represents an external flux while pumping represents an internal flux. Recharge from precipitation to the aquifer system was simulated by applying a flux of 3.5 in./yr (inches per year) of water to the uppermost model layer at each cell, except for constant-head cells. All wells pumping more than 10 Mgal/yr were simulated in the model. Intermittent pumping from known industrial and commercial users pumping 2 to 10 Mgal/yr also was simulated.

Conversion of Twin Cities Model

The Trescott-Larson Twin Cities model was converted from the Trescott-Larson computer code to the McDonald-Harbaugh computer code to facilitate current and future use of the model using up-to-date computer software and hardware. Up-to-date software and hardware includes new modules or packages for the McDonald-Harbaugh computer code and personal computers and Unix workstations. The data files representing the hydrogeologic chacacteristics of the aquifers and confining units and recharge to and discharge from the aquifer system were changed from formats used in the Trescott-Larson computer code to the formats used in the McDonald-Harbaugh computer code. The Trescott-Larson computer code designates the bottom layer in the aquifer system as model layer 1 and then numbers model layers sequentially in ascending order from the bottom to top of the aquifer system being simulated. Conversely, the McDonald-Harbaugh computer code designates the top layer in the aquifer system as model layer 1 and then numbers model layers sequentially from top to bottom (fig. 4). Changes were made to the data files to correct for this difference between the two computer codes in the numbering of model layers. Differences also exist between the two computer codes in how head-dependent source-sink functions are formulated. Modifications to the appropriate data files were needed to correct for these differences in formulation.

Following conversion of the data files for the Trescott-Larson Twin Cities model to the appropriate formats and formulations needed for the McDonald-Harbaugh computer code, the McDonald-Harbaugh Twin Cities model was run on a Unix-based computer system. The numerical solution parameters (acceleration parameter and seed) were adjusted until convergence of the numerical solution was attained. The input data arrays for the McDonald-Harbaugh Twin Cities model are listed in the Supplemental Information section. Hydraulic heads and fluxes in the aquifer system calculated by the McDonald-Harbaugh Twin Cities model were compared to hydraulic heads and fluxes calculated by the Trescott-Larson Twin Cities model to verify that the results calculated by the two models are similar.

Formulation of Head-Dependent Source-Sink Functions

Differences exist between the Trescott-Larson computer code and the McDonald-Harbaugh computer code in how head-dependent source-sink functions are formulated. Head-dependent source-sink functions simulated in the two Twin Cities models are leaky rivers, springs and seepage faces (drains), and a head-dependent flux boundary along the southern edge of the model layer representing the Mount Simon-Hinckley aquifer.

In both the Trescott-Larson computer code and in the McDonald-Harbaugh computer code, the general mathematical expression used to approximate head-dependent source-sink functions is:

$$QSS = CSS \,(HSS\text{-}h),$$
where

QSS = the flow rate derived from the head-dependent function [variable units];

CSS = a conductance term that describes the linear relationship between the head [variable units] difference $(HSS\text{-}h)$ and the flow rate;

HSS = the fixed head that controls the flow rate, such as the water level in a river or the spring or drain discharge elevation [L]; and

h = the calculated head at a cell in the model [L].

For the modified or quasi 3-D approach used in the Trescott-Larson computer code, CSS is calculated as:

$$CSS = k/d \times [A \,(flow)/A \,(cell)]$$
where

k = the hydraulic conductivity [L/T];

d = the length of the flow path [L];

$A(flow)$ = the cross-sectional area of flow, [L^2] and;

$A(cell)$ = the area of the cell [L^2].

The term CSS has the dimensions $1/T$. Using leaky rivers as an example, k is the hydraulic conductivity of the streambed, d is the thickness of the streambed, $A(flow)$ is the cross-sectional area of the streambed contained in the cell, and $A(cell)$ is the area of the cell.

In the McDonald-Harbaugh computer code, CSS is calculated as:

$$CSS = k/d \times A(flow).$$

Dimensions of the term CSS in this case are L^2/T.

The equivalent equations and symbols used by McDonald and Harbaugh (1988) are:

$$QRIV = CRIV \,(HRIV - h_{i,j,k})$$
and

$$CRIV = KLW/M$$
where

$QRIV$ is equivalent to QSS;

$CRIV$ is equivalent to CSS;

$HRIV$ is equivalent to HSS;

$h_{i,j,k}$ is equivalent to h at cell i,j,k;

K is equivalent to k;

LW is equivalent to A (flow); and

M is equivalent to d.

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Because of the differences between the two computer codes in the formulation and calculation of the conductance terms, the data input values for conductance for the head-dependent source-sink functions from the Trescott-Larson Twin Cities model were multiplied by the area of the appropriate model cell for conversion to the McDonald-Harbaugh Twin Cities model. Leaky rivers were simulated using the river package in the McDonald-Harbaugh computer code, springs and seepage faces were simulated using the drain package, and a head-dependent flux boundary along the southern edge of model layer 10, representing the Mount Simon-Hinckley aquifer, was simulated using the general-head boundary package.

Comparison of Hydraulic Heads and Flows

Hydraulic heads and flows in the aquifer system calculated by the McDonald-Harbaugh Twin Cities model were compared to those calculated by the Trescott-Larson Twin Cities model to verify that the results calculated by the two models were similar. The calculated hydraulic heads for the McDonald-Harbaugh and Trescott-Larson Twin Cities models were similar, except at a few cells in the drift, drift and St. Peter aquifer, drift and Prairie du Chien-Jordan aquifer, and drift and Ironton-Galesville aquifer model layers. Table 1 summarizes the differences in calculated hydraulic heads for the two models by model layer. Mean differences in hydraulic heads for the drift, drift and St. Peter aquifer, and drift and Prairie du Chien-Jordan aquifer model layers ranged from 1.1 to 1.6 ft (table 1). The mean differences in hydraulic heads were relatively small, considering the large differences at a few cells. Mean differences in hydraulic heads for the rest of the model layers are 0.4 ft or less (table 1). The largest positive differences between calculated hydraulic heads for the two models were at cells in the drift, and in the drift and St. Peter aquifer model layers. The largest negative differences between calculated hydraulic heads for the two models were at cells in the drift and St. Peter aquifer, drift and Prairie du Chien-Jordan aquifer, and drift and Ironton-Galesville aquifer model layers. Large differences between calculated hydraulic heads for the two models at a single cell were propagated to neighboring cells in the same and adjacent model layers. The largest head differences occurred adjacent to model layer boundaries and were probably due to differences in the solution methods used in the McDonald-Harbaugh and Trescott-Larson computer codes to calculate hydraulic heads at and near model layer boundaries.

Flows in the aquifer system calculated by the McDonald-Harbaugh Twin Cities model were similar to the flows calculated by the Trescott-Larson Twin Cities model. Table 2 shows the calculated ground-

Table 1.--Summary of differences in calculated hydraulic heads for the McDonald-Harbaugh Twin Cities model compared to calculated hydraulic heads for the Trescott-Larson Twin Cities model

Model layer[1]	Number of active cells	Maximum positive difference[2]	Maximum negative difference[3]	Mean difference[4]
Drift (1)	1,283	48.6	8.3	1.3
Drift and St. Peter aquifer (2)	2,441	68.3	16.0	1.6
Drift and Prairie du Chien-Jordan aquifer (3)	3,535	16.3	13.5	1.1
Drift and Ironton-Galesville aquifer (4)	3,645	3.3	16.7	.4
Drift and Eau Claire confining unit (5)	3,645	1.6	11.0	.4
Drift and Eau Claire confining unit (6)	3,645	1.3	7.3	.3
Drift and Eau Claire confining unit (7)	3,645	1.1	4.7	.3
Drift and Eau Claire confining unit (8)	3,645	.8	2.8	.2
Drift and Eau Claire confining unit (9)	3,645	.6	1.2	.2
Drift and Mount Simon-Hinckley aquifer (10)	3,671	.5	.5	.1

[1] Number in parentheses is the layer number in the McDonald-Harbaugh Twin Cities model.

[2] A positive difference indicates that the calculated hydraulic head for the McDonald-Harbaugh Twin Cities model is greater than the calculated hydraulic head for the Trescott-Larson Twin Cities model.

[3] A negative difference indicates that the calculated hydraulic head for the McDonald-Harbaugh Twin Cities model is less than the calculated hydraulic head for the Trescott-Larson Twin Cities model.

[4] The mean difference is the mean of the absolute values of the differences between the calculated hydraulic heads for the McDonald-Harbaugh and Trescott-Larson Twin Cities models at each active cell in the model layer.

Table 2.--Calculated ground-water budgets for the McDonald-Harbaugh and Trescott-Larson Twin Cities models

[Flow in and flow out at constant-head cells includes boundary flow in and flow out of the model layer area at constant-head cells, flow between lakes and the ground-water system, and flow between the Cannon, Rum, and Crow Rivers and the ground-water system. Flow in head-dependent cells is flow in along the southern edge of the model layer representing the Mount Simon-Hinckley aquifer (general-head boundary in McDonald-Harbaugh Twin Cities model). Net flow out of aquifer at leaky-river cells is the difference between ground-water discharge to major rivers (Mississippi, Minnesota, and St. Croix Rivers) and leakage of water from major rivers to the aquifer. Model-calculated seepage is ground-water discharge from springs and seepage faces. Calculated flow rates in cubic feet per second.]

	Sources			Sinks			
Principal aquifer (model layer)[1]	Model recharge	Flow in at constant-head cells	Flow in at head-dependent cells	Pumping wells	Flow out at constant-head cells	Net flow out of aquifer at leaky-river cells	Model-calculated seepage
Drift (1)							
MH model[2]	127.34	52.26	0.0	4.60	11.85	0.0	0.19
TL model[3]	127.25	57.54	0.0	4.60	16.57	0.0	.19
Difference, in percent	+.07	-9.2	0	0	-28.5	0	0
St. Peter aquifer (2)							
MH model[2]	207.30	126.22	0.0	5.29	22.68	87.42	11.01
TL model[3]	207.15	140.73	0.0	5.29	28.80	85.56	10.98
Difference, in percent	+.07	-10.3	0	0	-21.2	+2.2	+.27
Prairie du Chien-Jordan aquifer (3)							
MH model[2]	412.92	196.00	0.0	243.26	267.82	383.23	54.59
TL model[3]	412.63	240.99	0.0	243.26	312.02	382.49	54.29
Difference, in percent	+.07	-18.7	0	0	-14.2	+.19	+.55
Ironton-Galesville aquifer (4)							
MH model[2]	63.50	11.19	0.0	13.84	9.49	43.21	8.75
TL model[3]	63.46	13.52	0.0	13.84	11.81	43.18	8.73
Difference, in percent	+.06	-17.2	0	0	-19.6	+.07	+.23
Mount Simon-Hinckley aquifer (10)							
MH model[2]	35.07	3.32	.35	33.48	17.25	17.53	0.0
TL model[3]	35.05	5.34	.39	33.48	19.26	17.52	0.0
Difference, in percent	+.06	-37.8	-10.3	0	-10.4	+.06	0
Total for all layers							
MH model[2]	846.13	388.99	.35	300.47	329.09	531.39	74.54
TL model[3]	845.54	458.12	.39	300.47	388.46	528.75	74.19
Difference, in percent	+.07	-15.1	-10.3	0	-15.3	+.50	+.47
Total for all layers							
MH model[2]	1,235.47			1,235.491,			
TL model[3]	1,304.05			291.87			
Difference, in percent	-5,3			-4.4			

[1] Model layer refers to model layer number in the McDonald-Harbaugh Twin Cities model.

[2] MH model refers to the McDonald-Harbaugh Twin Cities model.

[3] TL model refers to the Trescott-Larson Twin Cities model.

water budgets for the McDonald-Harbaugh and Trescott-Larson Twin Cities models. The calculated flow rates for pumping were the same in the two models, because pumping is simulated as input to both models. The differences in calculated flow rates for the two models for recharge and the head-dependent source-sink functions (head-dependent cells, leaky-river cells, and seepage (drains)) were less than 0.3 ft^3/sec (cubic feet per second) (table 2). The differences in calculated flow rates at constant-head cells for each model layer for the two models ranged from about 2 ft^3/sec for the Mount Simon-Hinckley aquifer model layer to about 45 ft^3/sec for the Prairie du Chien-Jordan aquifer model layer (table 2). These differences in calculated flow rates at constant-head cells for the two models were probably due to the differences in hydraulic heads at and near the model layer boundaries, previously discussed. Differences in hydraulic heads at and near the model layer boundaries change the hydraulic gradients and, therefore, flow into and out of constant-head cells. Although differences between calculated flow into and calculated flow out of constant-head cells for each model layer for both models were relatively large, differences between the net calculated flow rate at constant head-cells for each model layer for both models were much smaller. The net calculated flow rate at constant-head cells for each model layer is the algebraic difference between the flow in and flow out of constant-head cells for each model layer. Differences between the net calculated flow rates at constant-head cells for each model layer ranged from 0.01 ft^3/sec for the Ironton-Galesville aquifer and Mount Simon-Hinckley aquifer model layers to 8.39 ft^3/sec for the St. Peter aquifer model layer. Both the total calculated flow into constant-head cells for all model layers and the calculated flow out of constant-head cells for all model layers were about 15 percent smaller for the McDonald-Harbaugh Twin Cities model (table 2). Differences in the calculated ground-water budgets for the 2 models were 5.3 percent for the total sources and 4.4 percent for the total sinks.

Summary and Conclusions

Schoenberg (1990) simulated the aquifer system underlying the Twin Cities metropolitan area and the effects of ground-water withdrawals on the aquifer system using a numerical ground-water-flow model based on the Trescott (1975) and Trescott and Larson (1976) computer code. The Twin Cities aquifer system consists of 9 hydrgeologic units, including drift, 4 aquifers, and 4 confining units. The aquifer system was divided into 10 layers for the Trescott-Larson Twin Cities model.

The Trescott-Larson Twin Cities model was converted from the Trescott-Larson computer code to the McDonald-Harbaugh computer code to facilitate current and future use of the Twin Cities model using up-to-date computer software and hardware. Up-to-date software and hardware includes new modules or packages for the McDonald-Harbaugh computer code and personal computers and Unix workstations. Because of differences between the two computer codes in the formulation and calculation of the conductance terms, the data input values for conductance for the head-dependent source-sink functions from the Trescott-Larson Twin Cities model were multiplied by the area of the appropriate model cell for conversion to the McDonald-Harbaugh Twin Cities model. Head-dependent source-sink functions simulated in the two models are leaky rivers, springs and seepage faces (drains), and head-dependent flux boundaries. Leaky rivers were simulated using the river package in the McDonald-Harbaugh computer code, springs and seepage faces were simulated using the drain package, and head-dependent flux boundaries were simulated using the general-head boundary package.

Following conversion of the data files for the Trescott-Larson Twin Cities model to the appropriate formats and formulations needed for the McDonald-Harbaugh computer code, the McDonald-Harbaugh Twin Cities model was run on a Unix-based computer system. Hydraulic heads and fluxes in the aquifer system calculated by the McDonald-Harbaugh Twin Cities model were compared to hydraulic heads and fluxes calculated by the Trescott-Larson Twin Cities model to verify that the results calculated by the two models were similar.

The calculated hydraulic heads for the McDonald-Harbaugh and Trescott-Larson Twin Cities models were similar, except at a few cells in the drift, drift and St. Peter aquifer, drift and Prairie du Chien-Jordan aquifer, and drift and Ironton-Galesville aquifer model layers. Mean differences in hydraulic heads for the drift, drift and St. Peter aquifer, and drift and Prairie du Chien-Jordan aquifer model layers ranged from 1.1 to 1.6 ft. The mean differences in hydraulic heads were relatively small, considering the large differences at a few cells. Mean differences in hydraulic heads for the rest of the model layers were 0.4 ft or less.

The differences in calculated flow rates for the two models for recharge and the head-dependent source-sink functions (head-dependent cells, leaky-river cells, and seepage (drains)) were less than 0.3 ft^3/sec. The differences in calculated flow rates at constant-head cells for each model layer for the two models ranged from about 2 ft^3/sec for the Mount Simon-Hinckley aquifer model layer to about 45 ft^3/sec for the Prairie du Chien-Jordan aquifer model layer. Although differences between calculated flow into and calculated flow out of constant-head cells for each model layer for both models were relatively large, differences between the

net calculated flow rate at constant-head cells for each
model layer for both models were much smaller.
Differences between the net calculated flow rates at
constant-head cells for each model layer ranged from
0.01 ft³/sec for the Ironton-Galesville aquifer and
Mount Simon-Hinckley aquifer model layers to 8.39
ft³/sec for the St. Peter aquifer model layer. Differences
in the calculated ground-water budgets for the two
models were 5.3 percent for the total sources and 4.4
percent for the total sinks.

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SUPPLEMENTAL INFORMATION SECTION

Differences in Calculated Hydraulic Heads

The differences in calculated hydraulic heads between the McDonald-Harbaugh and Trescott-Larson Twin Cities models for each model cell by model layer are given in feet in this section. The values for each model layer are listed by row and column (cell) location as follows:

Column									
Row 1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	

A value of -99.0 indicates an inactive cell. A positive difference indicates that the calculated hydraulic head for the McDonald-Harbaugh Twin Cities model is greater than the calculated hydraulic head for the Trescott-Larson Twin Cities model. A negative difference indicates that the calculated hydraulic head for the McDonald-Harbaugh Twin Cities model is less than the calculated hydraulic head for the Trescott-Larson Twin Cities model.

Model Layer 1 (Drift)

```
 1 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 2 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 3 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 4 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 5 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 6 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 7 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 8 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
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     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
  9  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 10  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 11  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0      0.1      0.1      0.1      0.0      0.0      0.0
       0.0      0.0      0.1      0.2      0.3      0.3      0.5      0.4      0.5      0.6
       0.7      0.7      0.5      0.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 12  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0     -0.1    -99.0
     -99.0    -99.0     -0.5     -0.5     -0.4     -0.4     -0.4     -0.4     -0.3     -0.2
       0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.2
       0.2      0.2      0.2      0.0      0.3      0.4      0.4      0.0      0.3      0.0
       0.0      0.0      0.0      0.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 13  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0     -0.3     -0.3     -0.2     -0.2     -0.1    -99.0
     -99.0    -99.0     -0.7     -0.6     -0.6     -0.6     -0.5     -0.5     -0.4     -0.3
      -0.2     -0.2     -0.1     -0.1      0.0      0.1      0.1      0.1      0.1      0.2
       0.2      0.3      0.3      0.4      0.6      0.7      0.7      0.7      0.7      0.0
       1.2      1.4      1.2      1.5      2.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 14  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0     -0.3     -0.4     -0.3      0.0     -0.1     -0.1
     -99.0    -99.0     -0.8     -0.9     -0.8     -0.7     -0.7     -0.7     -0.7     -0.5
      -0.5     -0.4     -0.3     -0.2      0.0      0.1      0.1      0.2      0.1      0.2
       0.0      0.0      0.2      0.4      0.7      0.9      1.0      0.0      1.1      1.6
       1.9      1.6      0.0      1.6      2.3    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 15  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      -0.1      0.0     -0.1     -0.2     -0.3     -0.5     -0.4      0.0     -0.1     -0.1
      -0.1    -99.0     -1.2     -1.2     -1.2     -1.1     -1.0     -0.9     -0.9     -0.8
      -0.8     -0.6     -0.6     -0.4      0.0      0.1      0.1      0.2      0.2      0.2
       0.2      0.2      0.0      0.4      0.8      1.1      1.2      1.3      2.0      2.3
       2.2      2.0      2.4    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 16  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.1      0.0
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      0.0      0.0     -0.1     -0.2     -0.4     -0.6     -0.7     -0.2     -0.2      0.0
      0.1    -99.0     -1.6     -1.6     -1.7     -1.7     -1.5     -1.4     -1.4     -1.4
     -1.3     -1.2     -0.9     -0.6     -0.4      0.0      0.1      0.1      0.0      0.2
      0.2      0.3      0.3      0.4      0.5      0.6      1.0      1.2      2.1      2.3
      2.4      1.3      2.8    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
17  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      0.0      0.0     -0.1     -0.2     -0.4     -0.9      0.2      0.0      1.4      1.9
      2.7    -99.0      0.6      0.4      0.0     -1.0     -1.9     -2.1     -2.3     -2.1
     -2.0     -1.8     -1.5     -1.2     -0.8     -0.4     -0.1      0.0      0.1      0.2
      0.3      0.3      0.3      0.2      0.2      0.0      0.0      1.3      2.0      0.0
      2.3      0.0      2.5    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
18  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      0.0      0.0      0.0     -0.1     -0.2     -0.3      0.8      1.5      1.8      1.8
      2.3    -99.0      5.4      5.3      4.5      2.6     -2.2     -3.7     -3.4     -3.3
     -3.1     -2.8     -2.4     -1.8     -1.2     -0.8     -0.3     -0.1      0.1      0.2
      0.2      0.3      0.2      0.1      0.0      0.1      0.4      1.5      2.6      2.9
      3.3      2.3      0.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
19  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      0.0      0.0      0.0     -0.1     -0.1      0.0      0.5      0.9      1.2      0.9
      0.6    -99.0     11.2     11.7     11.2      9.0      2.5     -3.4     -5.8     -5.3
     -4.3     -3.6     -3.0     -2.3     -1.6     -1.2     -0.6     -0.1      0.1      0.2
      0.3      0.3      0.4      0.4      0.3      0.0      1.0      2.4      3.5      4.1
      4.6      4.7      4.7    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
20  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      0.0     -0.1      0.0      0.0     -0.1      0.0      0.2      0.4      0.7      0.3
     -0.2    -99.0     17.2     21.2     17.8     13.0      7.4     -1.5     -7.2     -7.6
     -5.7     -4.3     -3.5     -2.6     -1.8     -1.3     -0.8     -0.2      0.3      0.0
      0.9      1.0      1.2      1.1      0.8      0.0      1.5      3.1      4.3      5.3
      6.0      6.5      7.4    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
21  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      0.0      0.0     -0.1      0.0      0.0      0.1      0.2      0.0      0.4      0.4
      0.5    -99.0    -99.0     48.6     30.9     19.7     14.5     -1.4     -6.5     -7.1
     -5.4     -4.3     -3.4     -2.6     -1.8     -1.2     -0.7     -0.1      0.4      1.0
      1.7      1.7      1.6      1.5      1.1      0.0      1.2      3.6      5.2      6.0
      6.7      7.5      8.4    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
22  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      0.0     -0.1     -0.1      0.0      0.0      0.2      0.2      0.3      0.5      0.9
      1.6      2.1    -99.0    -99.0    -99.0    -99.0    -99.0     -4.0     -5.6     -5.6
     -4.7     -3.8     -3.1     -2.4     -1.8     -1.2     -0.7      0.0      0.6      1.4
      2.0      2.1      2.0      1.8      1.6      0.9      0.0      3.8      5.4      6.3
      6.9      7.6    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
23  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      0.0     -0.1     -0.1      0.0      0.1      0.3      0.3      0.4      0.7      1.1
      1.5      1.8    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0     -5.2     -4.9
     -4.1     -3.4     -2.8     -2.2     -1.6     -1.2     -0.4      0.0      0.9      2.0
      2.5      2.5      2.4      2.3      2.1      1.6      0.0      3.9      5.7      6.4
      6.7    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
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      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
24    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
       0.0     -0.1     -0.2      0.0      0.0      0.4      0.4      0.4      0.7      1.2
       1.5      1.7      1.6      1.5    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
      -3.5     -2.9     -2.4     -2.0     -1.5     -0.9      0.0      0.7      1.3      2.0
       2.5      2.6      2.7      2.7      2.6      2.7      2.6      4.8      6.1      6.5
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
25    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      -0.1     -0.2     -0.2     -0.1      0.0      0.5      0.6      0.5      0.6      1.0
       1.4      1.8      1.6      1.5      1.4    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0     -2.5     -2.1     -1.8     -1.3     -0.7      0.2      1.0      1.4      2.2
       2.7      2.9      2.9      2.9      3.1      3.5      4.1      5.5      6.3      6.7
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
26    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      -0.1     -0.2     -0.2      0.0      0.1      0.7      0.7      0.5      0.0      0.7
       1.4      1.9      1.5      1.5      1.3      1.3    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0     -1.8     -1.6     -1.2     -0.5      0.5      1.2      1.7      2.5
       2.8      3.0      3.0      3.0      3.3      3.7      4.5      5.9      6.6      7.1
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
27    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      -0.1     -0.2     -0.3      0.0      0.3      0.8      0.8      0.6      0.0      0.0
       1.3      1.7      1.4      1.4      1.4      1.2      1.0      0.8    -99.0    -99.0
     -99.0    -99.0    -99.0     -1.5     -1.1     -0.2      0.8      1.4      2.0      2.7
       3.0      3.0      3.0      3.0    -99.0      3.8      4.7      6.1      6.9      7.7
       9.7    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
28    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      -0.1     -0.3     -0.3      0.2      0.6      0.9      0.9      0.6      0.0      0.0
       1.2      1.7      1.5      1.4      1.3      1.2      1.0      0.9    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0     -0.8      0.2      1.0      1.6      2.3      2.8
       2.9      3.0      3.0      3.0    -99.0      3.7      4.5      6.1      7.3      8.2
      10.4     11.1    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
29    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      -0.1     -0.3     -0.4      0.4      0.8      0.9      0.9      0.8      0.0      0.6
       1.3      1.6      1.4      1.4      1.5      1.3      1.2      1.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0     -0.6      0.3      1.1      1.7      2.4      2.8
       2.9    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      7.7      8.6
      10.0     10.7    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
30    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
      -0.2     -0.3     -0.4      0.6      0.8      0.9      0.9      0.8      0.0      0.6
       1.3      1.4      1.3      1.3      1.4      1.3      1.2      1.1      1.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0      0.6      1.2      1.9      2.4      2.8
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      8.6
       9.4     10.1    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
31    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.1
      -0.2     -0.4     -0.4      0.7      0.9      0.9      0.9      0.9      0.0      0.3
       1.1      1.4      1.3      1.3      1.4      1.3      1.1      1.0      0.9      0.9
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      1.4      2.1      2.5    -99.0
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        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
32      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.1
         -0.3     -0.1     -0.1      0.8      0.9      0.9      0.8      0.9      0.6      0.0
          0.6      1.2      1.2      1.2      1.4      1.3      1.0      0.9      0.8      0.7
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
33      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.2
         -0.3      0.1      0.2      0.9      1.0      1.0      0.9      1.0      0.7      0.0
          0.6      0.9      1.0      1.1      1.1      0.7      0.0      0.7      0.6      0.6
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
34      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.1
         -0.3      0.0      0.0      0.7      0.8      0.9      1.1      1.0      0.8      1.0
          0.9      0.9      1.0      1.0      0.8      0.0      0.0      0.6      0.6      0.6
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
35      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.2
         -0.4      0.0      0.4      0.6      0.7      0.8      1.1      1.1      1.0      1.2
          1.0      1.1      0.0      0.7      0.6      0.0      0.0      0.4      0.6      0.6
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
36      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.2
         -0.3      0.1      0.3      0.4      0.6      0.7      1.0      1.1      1.0      1.1
          1.1      1.2      1.1      1.0      0.8      0.5      0.0      0.6      0.8      1.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
37      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.1
         -0.2      0.0      0.2      0.5      0.5      0.5      0.7      0.7      0.7      0.8
          1.1      1.1      1.0      0.9      0.9      0.7      0.6      0.7      0.9      1.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
38      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0     -0.1      0.0
         -0.1      0.2      0.0      0.3      0.4      0.4      0.5      0.0      0.5      0.6
          0.8      0.9      0.8      0.7      0.6      0.6      0.6      0.6      0.7      0.8
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
39      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0
          0.0      0.0      0.1      0.2      0.4      0.3      0.3      0.2      0.3      0.3
```

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       0.5     0.5     0.4     0.4     0.3     0.3     0.3     0.4     0.4     0.5
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
40   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0    -0.1    -0.3
       0.0     0.0     0.2     0.0     0.2     0.1     0.1     0.1     0.3     0.2
       0.3     0.1     0.1     0.1     0.1     0.2     0.3     0.4     0.4     0.5
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
       1.4     1.2     0.7     0.0     0.3     0.6     0.7     0.7   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
41   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0    -0.5
       0.0     0.1     0.3     0.0     0.1    -0.1    -0.2    -0.1    -0.1     0.0
       0.1     0.0     0.0     0.1     0.1     0.3     0.4     0.4   -99.0   -99.0
     -99.0    -6.7    -7.4     1.5    10.2     7.5     5.4     3.8     3.1     2.6
       2.1     1.6     1.1     0.9     0.8     0.8     0.7     0.7   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
42   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.0
       0.5     0.0     0.3     0.3     0.0    -0.2    -0.3    -0.4    -0.2    -0.2
      -0.1    -0.1     0.0     0.1     0.3     0.5   -99.0   -99.0   -99.0    -3.4
      -4.3    -5.6    -1.9     9.3    10.3     5.9     4.3     3.3     2.6     2.3
       1.9     1.6     1.2     0.9     0.7     0.7     0.6     0.5   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
43   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0    -1.7    -1.9
      -1.8    -0.8     2.2     4.4     0.0     0.0     2.0     2.1     2.1     1.8
       1.6     1.3     0.9     0.0     0.4     0.4     0.5     0.5   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
44   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0    -0.5    -0.4    -0.5    -0.4
      -0.1     0.3     0.9     1.4     1.2     0.8     0.0     0.8     1.2     1.2
       0.9     0.9     0.7     0.5     0.5     0.0     0.2     0.3   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
45   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0    -0.7    -0.5    -0.4    -0.3    -0.1
       0.1     0.3     0.4     0.5     0.7     0.5     0.3     0.0     0.4     0.6
       0.5     0.6     0.5     0.4     0.4     0.4     0.4     0.3   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
46   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.2     0.4
       0.4     0.4     0.4     0.4     0.4     0.3     0.4     0.3   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
```

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47 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0     -3.6     -8.3     -5.9    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.2      0.1      0.0
     0.2      0.2    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
48 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.4     -0.6
    -1.9     -4.2     -1.0      3.1      1.4      0.0      0.1      0.2    -99.0    -99.0
   -99.0    -99.0    -99.0      0.4      0.4      0.4      0.3      0.3      0.3      0.3
     0.3      0.3    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
49 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      3.3      4.5
     4.3      3.3      1.7      0.0      0.3      0.4      0.4      0.4      0.5      0.4
     0.4      0.5      0.4      0.5      0.4      0.4      0.4      0.3      0.3      0.3
     0.4      0.3    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
50 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     1.9      1.6      1.3      1.0      0.8      0.7      0.6      0.6      0.5      0.6
     0.5      0.4      0.5      0.4    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
51 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0      0.5      0.6      0.6      0.6      0.5      0.5      0.5      0.5
     0.5      0.5      0.4      0.4    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
52 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.4      0.3
     0.4      0.3      0.4      0.4      0.3      0.4      0.3      0.3      0.3      0.3
     0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.2      0.2
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
53 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.4      0.3
     0.4      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
     0.3      0.3      0.2      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
54 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.3
     0.3      0.3      0.3      0.3      0.3      0.2      0.3      0.3      0.3      0.3
     0.3      0.3      0.3      0.3      0.3      0.2    -99.0    -99.0    -99.0    -99.0
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    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
55  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.2
      0.1     0.2     0.2     0.2     0.2   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0 ' -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
56  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
57  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
58  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
59  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0


Model layer 2 (Drift and St. Peter aquifer)

 1  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
 2  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
    -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
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   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
 3 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
 4 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
 5 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0     0.1     0.1     0.0     0.0     0.0     0.0     0.1
     0.2     0.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
 6 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     0.7     0.9     0.7     0.0     0.2     0.1     0.1     0.0     0.0     0.1
     0.2     0.2   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
 7 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.1     0.1
     0.2     0.2     0.0     0.2     0.3     0.2     0.1     0.0     0.1     0.1
     0.1     0.1   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
 8 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1
     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.2     0.2
     0.1     0.0     0.3     0.3     0.2     0.0     0.2     0.2     0.1     0.2
     0.1   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
 9 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0    -0.1     0.0    -0.1     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.0     0.0     0.0
     0.0     0.0     0.1     0.0     0.1     0.1     0.1     0.0     0.0     0.1
     0.0     0.1     0.1     0.1     0.1     0.0     0.0     0.0     0.0     0.0
     0.3     0.5     0.5     0.4     0.0     0.3     0.0     0.3     0.2     0.1
     0.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
10 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0     0.0     0.0    -0.1    -0.1    -0.1    -0.1     0.0    -0.1     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.1     0.0     0.1     0.1     0.1     0.1     0.0     0.0
```

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           0.0      0.1      0.1      0.1      0.1      0.0      0.1      0.2      0.2      0.0
           0.4      0.6      0.6      0.5      0.0      0.4      0.5      0.4      0.0    -99.0
         -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
11       -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0
           0.0      0.0      0.0      0.0     -0.1     -0.1     -0.1      0.0     -0.1     -0.1
          -0.1     -0.1     -0.1     -0.1     -0.1      0.0      0.0      0.0      0.0      0.0
           0.0      0.1      0.0      0.1      0.1      0.2      0.2      0.2      0.3      0.3
           0.3      0.3      0.4      0.4      0.5      0.6      0.6      0.6      0.6      0.8
           0.9      1.0      0.9      0.8      0.8      0.0      0.6      0.6      0.0    -99.0
         -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
12       -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0
           0.0     -0.1      0.0      0.0     -0.1     -0.1     -0.1      0.0     -0.1     -0.1
          -0.1     -0.1     -0.2     -0.2     -0.1     -0.2     -0.1     -0.1     -0.1      0.0
           0.0      0.1      0.1      0.2      0.3      0.3      0.3      0.3      0.4      0.4
           0.6      0.6      0.7      0.7      0.7      0.8      0.9      0.9      0.9      1.1
           1.2      1.2      1.2      1.2      1.5      1.3      0.0      0.8      0.0    -99.0
         -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
13       -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0
           0.0     -0.1      0.0     -0.1     -0.2     -0.3     -0.3     -0.3     -0.3     -0.3
          -0.2     -0.1     -0.2     -0.3     -0.3     -0.3     -0.2     -0.2     -0.1     -0.1
           0.0      0.0      0.1      0.2      0.3      0.4      0.4      0.5      0.6      0.7
           0.8      0.8      0.9      1.0      1.1      1.2      1.3      1.3      1.3      1.6
           1.8      1.9      1.9      1.9      2.0      1.9      1.6      1.4      0.5    -99.0
         -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
14       -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0
          -0.1     -0.1      0.0     -0.2     -0.3     -0.5     -0.5     -0.6     -0.6     -0.5
          -0.5     -0.3     -0.4     -0.5     -0.5     -0.5     -0.3     -0.2     -0.1     -0.1
           0.0      0.0      0.1      0.3      0.4      0.5      0.6      0.6      0.8      0.9
           0.9      1.0      1.1      1.2      1.3      1.5      1.6      1.6      1.8      2.2
           2.4      2.5      2.3      2.3      2.5      2.3      2.0      1.6      0.0    -99.0
         -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
15       -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0
           0.0      0.0      0.0     -0.2     -0.4     -0.7     -0.8     -1.0     -1.0     -0.9
          -0.8     -0.5     -0.9     -1.1     -1.0     -0.9     -0.6     -0.3     -0.2      0.0
           0.1      0.2      0.2      0.4      0.4      0.6      0.7      0.8      0.9      1.0
           1.1      1.2      1.3      1.5      1.5      1.8      1.9      2.1      2.4      2.8
           3.1      3.4      3.4      2.8      2.6      2.8      2.4      1.9      0.0    -99.0
         -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
16       -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0
           0.0     -0.1      0.0     -0.2     -0.4     -0.9     -1.1     -1.5     -1.6     -1.5
          -1.3     -0.7     -1.7     -2.1     -2.2     -1.7     -0.7     -0.3     -0.1      0.1
           0.2      0.3      0.3      0.4      0.5      0.7      0.8      0.9      1.0      1.1
           1.3      1.4      1.5      1.6      1.7      1.9      2.3      2.5      3.1      3.5
           3.8      4.2      4.0      0.0      2.0      2.7      2.7      2.2      1.1    -99.0
         -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
17       -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0
           0.0     -0.1     -0.1     -0.2     -0.4     -1.3     -1.2     -0.6     -0.5     -0.8
          -1.4      1.5     -0.5     -0.8     -0.7     -0.5      0.0      0.2      0.4      0.5
           0.4      0.5      0.5      0.6      0.7      0.7      0.8      1.0      1.1      1.3
           1.5      1.5      1.6      1.8      1.8      2.2      2.6      3.2      3.8      4.1
           4.8      5.3      5.3      4.7      0.0      1.8      2.9      2.5      1.1    -99.0
         -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
18       -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0
           0.0     -0.1     -0.1     -0.2     -0.3     -0.6      0.0      0.6      0.6     -0.1
```

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      -1.3      0.8      1.8      2.6      3.2      3.2      2.6      1.6      1.1      0.9
       0.7      0.7      0.7      0.7      0.8      0.9      1.0      1.1      1.3      1.4
       1.6      1.8      1.9      2.0      2.2      2.5      3.2      4.2      4.8      5.5
       6.2      6.8      7.1      7.2      0.0      0.0      2.8      2.4      0.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
19   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0
       0.0     -0.1     -0.1     -0.2     -0.2     -0.2      0.1      0.3      0.1     -0.6
      -1.6      0.5      4.1      6.0      6.4      5.8      4.2      2.7      1.8      1.2
       0.9      0.9      0.9      0.8      0.9      1.0      1.0      1.2      1.4      1.6
       1.8      1.9      2.1      2.4      2.6      2.8      3.7      4.9      5.7      6.6
       7.6      8.9     10.1      9.8      6.8      0.0      2.3      2.3      1.6    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
20   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0
       0.0     -0.1     -0.1      0.0     -0.1     -0.1      0.1      0.1     -0.1     -0.8
      -1.8      0.1      5.2      7.7      7.7      6.4      4.3      3.0      1.9      1.4
       1.2      1.0      1.0      1.0      1.0      1.1      1.2      1.3      1.5      1.5
       1.8      2.1      2.2      2.4      2.6      3.2      4.3      5.5      6.5      7.6
       9.2     11.9     14.9     13.1      9.6      5.2      0.0      1.6      2.1    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
21   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0     -0.1      0.0
      -0.1     -0.1     -0.1      0.0      0.0      0.1      0.1      0.1     -0.1     -0.8
      -0.7      0.3      0.8      6.5      6.2      4.5      3.3      2.4      1.7      1.3
       1.2      1.1      1.0      1.0      1.0      1.2      1.4      1.5      1.8      1.9
       2.0      2.2      2.5      2.7      3.1      3.6      4.6      6.0      7.1      8.4
      10.6     16.2     23.9     18.2     12.2      7.2      2.7      0.0      2.4    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
22   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0
       0.0      0.0      0.0      0.0      0.1      0.2      0.1      0.2      0.1      0.2
       1.5      3.5      1.3      1.0      2.2      2.0      1.9      1.6      1.2      1.1
       1.0      1.0      0.9      1.0      1.1      1.3      1.4      1.7      2.0      2.3
       2.5      2.6      2.7      3.0      3.3      3.9      4.8      6.2      7.4      8.4
      10.5     21.8     41.5     22.5     15.1      8.5      2.3      0.0      2.3    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
23   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0     -0.1     -0.1
      -0.1      0.0      0.0      0.1      0.1      0.3      0.3      0.3      0.2      0.6
       1.6      2.3      1.5      1.2      0.8      0.6      1.0      0.9      0.9      0.9
       0.9      0.9      1.0      1.0      1.2      1.3      1.6      1.8      2.1      2.5
       2.8      3.0      3.1      3.3      3.6      4.0      4.9      6.4      7.5      7.9
       8.2     26.5     39.6     23.9     16.5      9.4      0.0      2.5    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
24   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0     -0.1      0.0
      -0.1      0.0      0.0      0.0      0.1      0.3      0.3      0.3      0.4      0.8
       1.5      1.9      1.5      1.3      1.0      0.7      0.4      0.5      0.6      0.8
       0.8      0.8      0.9      1.0      1.1      1.4      1.6      1.8      2.2      2.6
       3.0      3.1      3.2      3.4      3.7      4.1      5.0      6.6      7.8      7.4
       0.0     26.1     38.1     24.5     17.9     10.9      0.0      3.3    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
25   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.1
       0.0     -0.1      0.0      0.1      0.2      0.4      0.3      0.3      0.5      0.9
       1.4      1.6      1.5      1.2      1.0      0.7      0.2      0.2      0.5      0.6
       0.7      0.7      0.9      0.9      1.2      1.4      1.7      2.0      2.4      2.8
       3.0      3.1      3.2      3.4      3.6      4.0      5.1      6.9      8.4      9.8
      13.5     27.3     36.0     24.5     19.8     12.8      3.4    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
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26 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0     0.0
   -0.1     0.0     0.0     0.1     0.3     0.4     0.4     0.3     0.4     0.8
    1.3     1.4     1.3     1.2     1.0     0.7     0.5     0.4     0.2     0.4
    0.5     0.6     0.8     1.0     1.2     1.4     1.7     2.0     2.5     2.9
    3.1     3.2     3.2     3.3     3.5     3.9     5.1     7.1     9.0    11.2
   17.5    26.6    31.4    24.1    22.7    14.4     3.8   -99.0   -99.0   -99.0
  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
27 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.0    -0.1     0.0
   -0.1     0.0     0.0     0.1     0.3     0.4     0.5     0.4     0.4     0.6
    1.1     1.4     1.3     1.2     1.0     0.9     0.7     0.6     0.4     0.2
    0.4     0.6     0.7     1.0     1.1     1.4     1.8     2.1     2.6     3.2
    3.5     3.3     3.2     3.2     3.3     3.5     4.8     7.0     8.9    11.1
   15.3    23.5    21.4    23.6    28.2    15.5     0.0   -99.0   -99.0   -99.0
  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
28 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.0    -0.1     0.0
   -0.1    -0.1     0.0     0.2     0.4     0.5     0.5     0.4     0.4     0.5
    1.0     1.3     1.2     1.1     1.0     0.8     0.7     0.6     0.4     0.3
    0.2     0.4     0.6     0.8     1.2     1.4     1.8     2.2     2.8     3.7
    4.3     3.7     3.2     2.8     2.7     3.0     4.1     6.3     8.7    10.4
   13.3    14.9     0.0    24.5    40.7    16.8     5.1     5.1   -99.0   -99.0
  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
29 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.0    -0.1    -0.1
   -0.1     0.0     0.0     0.3     0.5     0.6     0.5     0.5     0.5     0.5
    0.9     1.2     1.1     1.0     1.0     0.9     0.8     0.7     0.5     0.4
    0.3     0.2     0.5     0.8     1.1     1.4     1.7     2.2     3.0     4.5
    6.4     4.3     2.8     1.7     1.5     2.2     3.3     5.3     7.8     9.1
   10.9    11.4     9.0    30.8    68.3    17.5     6.4     5.0     4.0   -99.0
  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
30 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0    -0.1
   -0.2    -0.1     0.0     0.3     0.6     0.6     0.6     0.6     0.4     0.5
    0.8     1.1     1.1     1.0     0.9     0.8     0.8     0.7     0.6     0.5
    0.3     0.1     0.4     0.7     1.0     1.4     1.7     2.1     3.0     5.2
   13.1     3.7     1.8     2.0     1.9     2.0     2.9     4.6     6.9     8.1
    8.6     8.7     0.0    29.3    67.6    15.5     5.3     4.8     4.0   -99.0
  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
31 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.0    -0.1    -0.1
   -0.2    -0.2     0.1     0.3     0.7     0.6     0.6     0.6     0.5     0.5
    0.7     1.0     1.0     0.8     0.8     0.8     0.8     0.7     0.6     0.4
    0.3     0.0     0.3     0.7     0.9     1.2     1.6     2.0     2.7     3.6
    2.9     2.8     2.2     2.2     2.1     2.0     1.8     3.6     5.2     6.8
    7.3     7.9     6.5    21.3    39.1    10.1     0.0     4.5     4.0   -99.0
  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
32 -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0     0.0    -0.1    -0.2
   -0.3    -0.2     0.0     0.5     0.7     0.6     0.7     0.6     0.4     0.6
    0.8     0.8     0.8     0.8     0.7     0.7     0.7     0.8     0.6     0.5
    0.3     0.1     0.3     0.6     0.8     1.1     1.4     1.6     1.7     1.0
    1.9     2.1     2.1     2.1     2.0     1.9     1.7     2.7     3.2     4.9
    6.3     7.3     8.3    15.0    21.0     0.0     0.0     4.4   -99.0   -99.0
  -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
33 -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0    -0.1    -0.1    -0.2
   -0.3    -0.2     0.1     0.4     0.5     0.6     0.8     0.7     0.5     0.6
    0.8     0.8     0.7     0.7     0.6     0.4     0.4     0.7     0.6     0.4
    0.3     0.1     0.2     0.5     0.7     0.8     1.0     1.0     0.4     0.4
    1.5     1.7     1.8     1.9     1.9     1.8     1.0     1.7     1.2     3.3
```

```
      4.8      6.1      7.3     10.3     11.9      3.0      4.1      4.4    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 34 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.1     -0.1     -0.3
     -0.3     -0.2      0.1      0.4      0.5      0.7      0.7      0.7      0.7      0.7
      0.8      0.7      0.6      0.5      0.4      0.3      0.4      0.6      0.4      0.3
      0.2      0.1      0.1      0.3      0.5      0.6      0.7      0.4      0.3      0.8
      1.3      1.5      1.6      1.7      1.7      1.6      1.1      0.8      1.3      2.2
      3.4      4.4      5.0      7.0      7.4      2.6      4.4      4.3    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 35 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0     -0.1     -0.3
     -0.4     -0.1      0.1      0.3      0.5      0.6      0.8      0.7      0.7      0.7
      0.7      0.6      0.4      0.3      0.4      0.3      0.3      0.4      0.4      0.2
     -0.2      0.2      0.2      0.1      0.2      0.4      0.2      0.2      0.6      1.0
      1.2      1.3      1.5      1.5      1.5      1.6      1.3      0.7      1.1      1.5
      2.5      2.8      0.0      4.5      4.8      0.0      4.0      4.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 36 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0     -0.2     -0.3
     -0.4     -0.1      0.1      0.3      0.4      0.6      0.6      0.7      0.6      0.6
      0.7      0.6      0.5      0.5      0.4      0.3      0.2      0.1      0.2      0.4
      0.2     -0.1      0.0      0.1      0.0      0.1      0.2      0.5      0.8      0.9
      1.1      1.2      1.2      1.4      1.4      1.5      1.4      1.2      1.0      1.3
      2.1      2.6      2.1      3.0      3.7      2.1      3.7      3.7    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 37 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0     -0.2     -0.4
     -0.4     -0.2      0.0      0.2      0.3      0.5      0.5      0.5      0.5      0.6
      0.7      0.6      0.5      0.5      0.4      0.3      0.2      0.2      0.3      0.3
      0.1     -0.2     -0.5      0.1      0.1     -0.2      0.4      0.4      0.7      0.9
      0.9      0.9      1.0      1.1      1.2      1.3      1.3      1.3      1.2      0.9
      1.8      2.3      2.2      0.0      3.3      2.8      3.4      3.3    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 38 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0     -0.1     -0.4
     -0.4     -0.2      0.1      0.2      0.4      0.4      0.5      0.3      0.4      0.4
      0.5      0.6      0.4      0.4      0.2      0.2      0.2      0.1      0.1      0.1
     -0.2     -0.5     -0.7      0.0     -0.7      0.4      0.7      0.0      0.6      0.9
      0.6      0.0      0.5      0.6      0.8      0.9      1.1      1.1      1.0      0.6
      1.4      2.0      2.3      2.1      3.1      2.9      2.8      2.9    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 39 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.1     -0.1     -0.4
     -0.3     -0.1      0.0      0.1      0.3      0.3      0.3      0.3      0.3      0.3
      0.3      0.2      0.2      0.1      0.0     -0.2     -0.2     -0.2     -0.2     -0.4
     -0.7     -1.1     -1.1     -2.5     -1.9      1.3      3.1      0.0      1.2      1.3
      1.0      0.7      0.6      0.3      0.0      0.5      0.8      0.9      0.8      0.4
      0.6      1.7      2.2      2.3      2.5      2.5      1.5      2.3    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 40 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0     -0.1     -0.1     -0.4
     -0.3      0.0      0.1      0.0      0.1      0.1      0.1      0.2      0.1      0.1
     -0.1     -0.1     -0.1     -0.2     -0.3     -0.4     -0.5     -0.5     -0.5     -0.5
      0.0     -1.3     -3.1     -9.4     -3.1      6.5     11.3      6.5      3.8      2.6
      1.7      1.1      0.9      0.7      0.5      0.7      0.7      0.8      0.7    -99.0
    -99.0    -99.0    -99.0    -99.0      2.3      2.0      0.0      1.9    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 41 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0      0.0     -0.5
     -0.3      0.2      0.2      0.0     -0.1     -0.2     -0.3     -0.3     -0.3     -0.3
     -0.3     -0.3     -0.5     -0.5     -0.5     -0.5     -0.4     -0.2      0.2      0.0
```

```
      -1.0    -4.3    -8.2     4.0    10.6     8.2     6.6     4.7     3.3     2.5
       2.0     1.4     1.1     0.9     0.9     0.8     0.7     0.6     0.6   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
  42 -99.0   -99.0   -99.0   -99.0   -99.0     0.1     0.0     0.0    -0.4     0.1
       0.3     0.5     0.3     0.1    -0.2    -0.3    -0.7    -0.7    -0.7    -0.6
      -0.7    -0.6    -0.6    -0.6    -0.5    -0.3     0.3     0.2    -0.1    -1.9
      -3.4    -5.4     0.7    12.3    12.6     7.8     5.3     3.8     2.9     2.3
       2.0     1.5     1.2     1.0     0.8     0.7     0.6     0.5     0.5   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
  43 -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0     0.0    -0.5     0.6
       0.9     0.6     0.4     0.2     0.0     0.0    -0.6    -0.7    -0.7    -0.7
      -0.7    -0.7    -0.6    -0.3     0.2     0.3     0.1    -0.2    -0.9    -1.2
      -1.2    -0.2     3.2     6.1     6.0     4.5     3.5     2.8     2.3     1.8
       1.6     1.4     1.1     0.8     0.7     0.6     0.5     0.4     0.3     0.1
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
  44 -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0    -0.2    -0.3   -99.0
     -99.0   -99.0   -99.0   -99.0    -0.2    -0.2    -0.5    -0.6    -0.7    -0.6
      -0.6   -99.0   -99.0   -99.0     0.0    -0.5    -0.4    -0.5    -0.5    -0.3
       0.0     0.4     1.0     1.5     1.8     1.9     1.7     1.6     1.4     1.3
       1.1     1.0     0.9     0.7     0.6     0.4     0.4     0.3     0.2     0.1
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
  45 -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0    -1.5    -1.3    -0.8    -0.6    -0.4    -0.2    -0.1
       0.1     0.2     0.3     0.5     0.7     0.7     0.7     0.7     0.8     0.8
       0.7     0.7     0.6     0.5     0.4     0.4     0.3     0.3   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
  46 -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.1     0.0   -99.0   -99.0
     -99.0   -99.0    -0.1    -0.1    -0.2    -0.6    -1.0    -2.2    -4.6    -9.1
     -10.9   -16.0    -9.8    -5.7    -2.5    -1.3    -0.7    -0.5    -0.3    -0.1
       0.0     0.0     0.2     0.1     0.1     0.0     0.2     0.3     0.4     0.4
       0.4     0.4     0.4     0.4     0.3     0.3     0.2     0.2     0.1   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
  47 -99.0   -99.0   -99.0   -99.0   -99.0     0.1     0.0     0.0     0.3     0.6
       0.4    -0.2    -0.1    -0.1    -0.1    -0.3    -0.7    -1.3    -2.7    -5.2
      -3.6    -1.0    -1.5    -0.9    -0.7    -0.4    -0.2    -0.1    -0.1     0.0
       0.1     0.2     0.2     0.2     0.3     0.3     0.3     0.3     0.3     0.3
       0.3     0.3     0.3     0.4     0.3     0.3     0.2     0.2     0.2     0.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
  48 -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0     0.0     0.1     0.0
      -0.2     0.0     0.0     0.0     0.1     0.1     0.1     0.3     0.5     2.2
       2.5     1.3     1.6     1.3     1.0     0.7     0.5     0.5     0.4     0.4
       0.4     0.4     0.3     0.3     0.4     0.3     0.3     0.3     0.4     0.3
       0.3     0.4     0.3     0.3     0.3     0.3   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
     -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
  49 -99.0   -99.0   -99.0   -99.0   -99.0     0.1     0.0     0.1     0.0     0.0
```

```
      0.0      0.0      0.1      0.1      0.2      0.4      0.7      1.3      2.3      3.3
      3.5      3.1      2.5      1.8      1.3      1.1      0.9      0.7      0.6      0.6
      0.5      0.4      0.5      0.4      0.4      0.3      0.4      0.3      0.4      0.3
      0.4      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
50  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0      0.1      0.1      0.0      0.2      0.4      0.4      0.0      1.3
      1.4      1.3      1.1      1.0      0.9      0.8      0.8      0.6      0.6      0.6
      0.5      0.5      0.5      0.4      0.4      0.4      0.4      0.4      0.3      0.3
      0.3      0.3      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
51  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0      0.2      0.2      0.2      0.4      0.4      0.5      0.5
      0.4      0.0      0.3      0.4      0.5      0.5      0.4      0.5      0.5      0.5
      0.4      0.4      0.4      0.4      0.3      0.4      0.3      0.3      0.3      0.3
      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.2      0.2    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
52  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0      0.1      0.2      0.2      0.3      0.2      0.3      0.1
      0.2      0.0      0.1      0.2      0.2      0.3      0.3      0.3      0.3      0.4
      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.4      0.3      0.3
      0.3      0.3      0.3      0.3      0.3      0.3      0.2      0.2      0.2      0.3
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
53  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0      0.0      0.2      0.2      0.4      0.5      0.0      0.2
      0.2      0.3      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3
      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.2
      0.3      0.3      0.2      0.3      0.3      0.2      0.3    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
54  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0     -0.2      0.0      0.6      0.4      0.7      0.6      0.7
      0.6      0.0      0.3      0.3      0.2      0.2      0.2      0.2      0.3      0.2
      0.3      0.3      0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.3
      0.2      0.3      0.3      0.3      0.3      0.2      0.2      0.2    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0      0.2      0.1    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
55  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0      0.4      0.1      0.7     -0.2     -0.3     -0.2      0.3
      0.0     -0.1      0.1     -0.3      0.2      0.1      0.1      0.1      0.0      0.1
      0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.1      0.2
      0.2      0.2      0.2      0.2      0.1      0.2      0.1      0.1      0.1      0.1
      0.1      0.1      0.1      0.1      0.1      0.1      0.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
56  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0      0.0      0.6      0.2      0.1     -0.1      0.3     -0.3
      0.4      0.2     -0.3      0.2      0.1      0.2      0.1      0.1      0.1      0.1
      0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.2      0.2      0.1
      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.0      0.1      0.1      0.1      0.1    -99.0    -99.0    -99.0    -99.0
```

```
        -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 57  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0      0.1      0.0      0.5     -0.2      0.1      0.3     -0.1
       0.4      0.2      0.1      0.1      0.1      0.1      0.2      0.2      0.1      0.1
       0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.0
       0.0      0.0      0.0      0.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0
       0.0      0.0      0.0      0.0      0.0      0.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 58  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0      0.0      0.5      0.1      0.1      0.0      0.0      0.0
       0.0      0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.0
       0.1      0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0
       0.0      0.1      0.0      0.0      0.1    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 59  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0


Model layer 3 (Drift and Prairie du Chien-Jordan aquifer)

  1  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
  2  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.1      0.0      0.0      0.0    -99.0    -99.0    -99.0    -99.0
  3  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.1      0.1      0.0      0.0      0.1      0.0      0.0      0.0      0.1
       0.1      0.1      0.1      0.0      0.1    -99.0    -99.0    -99.0    -99.0
  4  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0
       0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
       0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1      0.1
       0.1      0.1      0.1      0.0    -99.0    -99.0    -99.0    -99.0    -99.0
```

```
 5 -99.0  -99.0  -99.0  -99.0  -99.0  -99.0    0.1    0.0    0.0    0.0
    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.0    0.0    0.0
    0.0    0.0    0.1    0.0    0.1    0.0    0.0    0.1    0.0    0.0
    0.0    0.1    0.0    0.1    0.0    0.0    0.1    0.0    0.0    0.0
    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
    0.0    0.0    0.0    0.1    0.0    0.0   -0.1   -0.3   -0.2    0.6
    0.4    0.3    0.2    0.1  -99.0  -99.0  -99.0  -99.0  -99.0
 6 -99.0  -99.0  -99.0  -99.0    0.1    0.0    0.0    0.0    0.0    0.0
    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.1
    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.1    0.0    0.1
    0.0    0.0    0.1    0.0    0.1    0.0    0.1    0.0    0.0    0.0
    0.1    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.0
    0.0   -0.2    0.3    0.4    0.3    0.2    0.1    0.0    0.0    0.1
    0.1    0.2    0.1    0.1  -99.0  -99.0  -99.0  -99.0  -99.0
 7 -99.0  -99.0  -99.0    0.1    0.0    0.0    0.0    0.0    0.0    0.0
    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.1
    0.0    0.0    0.0    0.0    0.0    0.1    0.1    0.1    0.1    0.1
    0.1    0.0    0.1    0.0    0.0    0.1    0.1    0.1    0.1    0.1
    0.1    0.1    0.0    0.1    0.1    0.1    0.1    0.1    0.1    0.1
    0.2    0.2    0.2    0.3    0.3    0.2    0.2    0.1    0.1    0.1
    0.1    0.1    0.1    0.1  -99.0  -99.0  -99.0  -99.0  -99.0
 8 -99.0  -99.0  -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
    0.0    0.0    0.0    0.0    0.0    0.0   -0.1    0.0    0.0    0.0
    0.0    0.0    0.0    0.0    0.1    0.1    0.0    0.0    0.1    0.1
    0.1    0.0    0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.1
    0.1    0.1    0.1    0.1    0.1    0.2    0.2    0.2    0.2    0.3
    0.3    0.3    0.3    0.3    0.4    0.2    0.3    0.3    0.1    0.1
    0.1    0.0    0.0    0.0    0.0  -99.0  -99.0  -99.0  -99.0
 9 -99.0  -99.0  -99.0    0.0    0.0    0.0    0.0    0.0    0.1    0.0
    0.0    0.0    0.0    0.0    0.0    0.0   -0.1    0.0    0.0    0.0
    0.0    0.0    0.0    0.0    0.0    0.1    0.0    0.0    0.1    0.1
    0.1    0.0    0.1    0.1    0.1    0.1    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.3    0.4    0.4    0.4    0.4
    0.5    0.5    0.5    0.5    0.5    0.5    0.3    0.3    0.2    0.2
    0.2    0.1    0.1    0.0    0.0  -99.0  -99.0  -99.0  -99.0
10 -99.0  -99.0    0.1    0.0    0.0    0.0    0.0    0.0    0.0    0.0
    0.0    0.0    0.0   -0.1   -0.1   -0.1   -0.1   -0.1   -0.1    0.0
    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.1    0.1    0.0
    0.1    0.1    0.1    0.1    0.2    0.2    0.2    0.3    0.3    0.3
    0.4    0.4    0.4    0.5    0.4    0.5    0.6    0.6    0.7    0.7
    0.8    0.9    0.9    0.8    0.7    0.7    0.6    0.4    0.3    0.2
    0.2    0.1    0.0    0.0    0.1  -99.0  -99.0  -99.0  -99.0
11 -99.0  -99.0    0.1    0.0    0.0    0.0    0.0    0.0    0.0    0.0
   -0.1    0.0   -0.1   -0.1   -0.1   -0.1   -0.1   -0.1   -0.1   -0.1
   -0.1   -0.1    0.0   -0.1    0.0    0.0    0.0    0.0    0.0    0.0
    0.1    0.2    0.1    0.2    0.2    0.3    0.4    0.4    0.4    0.5
    0.6    0.6    0.7    0.7    0.8    0.8    0.9    1.0    1.1    1.1
    1.2    1.2    1.3    1.2    1.2    1.1    0.8    0.7    0.3    0.3
    0.1    0.1    0.0    0.0  -99.0  -99.0  -99.0  -99.0  -99.0
12 -99.0  -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
    0.0   -0.1   -0.1   -0.1   -0.1   -0.1   -0.1   -0.1   -0.1   -0.2
   -0.1   -0.1   -0.1   -0.1   -0.1    0.0    0.0    0.1    0.1    0.1
    0.1    0.2    0.2    0.3    0.4    0.5    0.5    0.5    0.6    0.8
    0.8    0.8    1.0    1.0    1.1    1.1    1.3    1.3    1.4    1.5
```

```
    1.7     1.8     1.8     1.7     1.7     1.5     1.2     1.1     0.5     0.2
    0.1   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
13 -99.0   -99.0     0.1     0.0     0.0     0.0     0.0     0.0    -0.1     0.0
    0.0    -0.1     0.0    -0.2    -0.2    -0.3    -0.2    -0.3    -0.3    -0.3
   -0.3    -0.3    -0.3    -0.2    -0.1    -0.1     0.0     0.0     0.1     0.1
    0.2     0.3     0.3     0.4     0.5     0.5     0.7     0.7     0.9     0.9
    1.1     1.2     1.2     1.4     1.5     1.6     1.7     1.9     2.0     2.1
    2.2     2.3     2.4     2.3     2.2     2.1     1.7     1.4     0.7     0.0
    0.1   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
14 -99.0   -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0    -0.1    -0.1    -0.2    -0.2    -0.3    -0.3    -0.4    -0.4    -0.4
   -0.4    -0.4    -0.3    -0.3    -0.2    -0.2    -0.1     0.1     0.1     0.2
    0.3     0.4     0.4     0.5     0.6     0.6     0.8     0.8     1.0     1.2
    1.3     1.4     1.5     1.6     1.7     1.9     2.1     2.3     2.6     2.7
    2.8     3.0     3.0     2.9     2.8     2.5     2.2     1.7     0.9     0.2
    0.1   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
15 -99.0   -99.0     0.1     0.0     0.0     0.0     0.0     0.0     0.0    -0.1
    0.0    -0.1    -0.1    -0.2    -0.3    -0.4    -0.4    -0.4    -0.5    -0.5
   -0.6    -0.6    -0.5    -0.4    -0.3    -0.1    -0.1     0.1     0.3     0.3
    0.4     0.4     0.5     0.5     0.7     0.8     0.9     1.0     1.2     1.3
    1.6     1.7     1.8     2.0     2.0     2.3     2.5     2.9     3.1     3.4
    3.5     3.7     3.8     3.6     3.4     3.0     2.7     2.1     1.1     0.0
    0.2     0.2   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
16 -99.0   -99.0     0.0     0.0     0.0     0.0     0.0     0.0    -0.1     0.0
    0.0    -0.1    -0.1    -0.2    -0.3    -0.4    -0.4    -0.5    -0.5    -0.7
   -0.8    -0.8    -0.7    -0.6    -0.5    -0.3     0.1     0.3     0.4     0.5
    0.6     0.6     0.7     0.7     0.8     0.9     1.0     1.2     1.4     1.6
    1.8     1.9     2.0     2.2     2.4     2.6     3.1     3.4     3.7     4.1
    4.4     4.6     4.7     4.5     4.0     3.6     3.0     2.5     1.5     0.7
    0.5     0.5   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
17 -99.0   -99.0     0.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   -0.1     0.0    -0.1    -0.2    -0.3    -0.3    -0.3    -0.3    -0.4    -0.6
   -0.8    -0.8    -0.5    -0.2     0.1     0.4     0.6     0.7     0.7     0.8
    0.8     0.8     0.8     0.8     0.9     1.0     1.1     1.3     1.5     1.7
    1.9     2.1     2.3     2.5     2.7     3.0     3.5     4.0     4.3     4.8
    5.2     5.6     5.7     5.4     4.8     4.0     3.3     2.8     1.7     1.1
    0.8     0.7   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
18 -99.0   -99.0     0.0     0.0     0.1     0.0     0.0    -0.1     0.0    -0.1
   -0.1    -0.1    -0.1    -0.1    -0.2    -0.3    -0.2    -0.2    -0.3    -0.4
   -0.6    -0.3     0.4     0.9     1.3     1.5     1.3     1.2     1.1     1.0
    0.9     0.9     0.9     1.0     1.1     1.1     1.3     1.4     1.7     1.9
    2.1     2.3     2.5     2.8     3.0     3.4     4.0     4.5     5.0     5.6
    6.1     6.6     6.9     6.7     5.7     4.6     3.8     3.0     1.9     1.3
    1.0     0.7     0.6     0.4   -99.0   -99.0   -99.0   -99.0   -99.0
19 -99.0   -99.0     0.0     0.0     0.0     0.0     0.0     0.0    -0.1     0.0
    0.0    -0.1    -0.1     0.0    -0.2    -0.1    -0.1    -0.1    -0.1    -0.2
   -0.2     0.8     2.2     2.4     2.4     2.1     1.8     1.6     1.4     1.2
    1.1     1.1     1.1     1.1     1.2     1.2     1.3     1.5     1.7     2.0
    2.3     2.5     2.7     3.1     3.3     3.8     4.5     5.1     5.7     6.5
    7.2     7.9     8.3     8.1     7.0     5.3     4.2     3.3     2.4     1.7
    1.3     0.9     0.7     0.4   -99.0   -99.0   -99.0   -99.0   -99.0
20 -99.0   -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   -0.1    -0.1    -0.1    -0.1    -0.1     0.0     0.0     0.0     0.0     0.0
    0.2     1.6     3.1     3.0     2.7     2.3     2.1     1.8     1.5     1.4
```

```
      1.3      1.2      1.2      1.2      1.2      1.3      1.5      1.6      1.9      2.2
      2.5      2.7      3.0      3.3      3.6      4.2      4.8      5.6      6.5      7.3
      8.3      9.3     10.1      9.7      8.4      6.4      4.7      3.5      2.7      2.0
      1.6      1.2      0.8      0.4    -99.0    -99.0    -99.0    -99.0    -99.0
 21 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1
      0.0      0.0      0.0     -0.1      0.0      0.0      0.1      0.2      0.2      0.2
      1.0      2.4      2.8      2.7      2.4      2.2      1.9      1.8      1.5      1.4
      1.3      1.2      1.3      1.3      1.3      1.4      1.6      1.8      2.0      2.3
      2.6      2.8      3.2      3.5      3.8      4.4      5.2      6.1      7.0      8.1
      9.2     10.8     12.0     11.5      9.9      7.5      5.2      3.8      2.8      2.3
      1.8      1.5      1.0      0.5    -99.0    -99.0    -99.0    -99.0    -99.0
 22 -99.0    -99.0      0.1      0.0      0.0      0.1      0.1      0.0      0.0     -0.1
      0.0     -0.1      0.0      0.0      0.1      0.1      0.1      0.3      0.3      0.6
      1.6      2.1      2.2      2.1      2.1      1.8      1.7      1.6      1.4      1.4
      1.3      1.2      1.3      1.3      1.3      1.4      1.6      1.8      2.1      2.4
      2.8      3.0      3.3      3.6      4.0      4.6      5.4      6.4      7.4      8.5
      9.9     11.9     13.5     12.8     11.1      8.3      5.7      4.2      3.1      2.4
      2.0      1.5      1.1      0.6    -99.0    -99.0    -99.0    -99.0    -99.0
 23 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     -0.1      0.0      0.0      0.0      0.1      0.1      0.2      0.3      0.5      0.8
      1.4      1.7      1.8      1.8      1.7      1.6      1.5      1.5      1.3      1.3
      1.3      1.2      1.2      1.3      1.4      1.4      1.7      1.9      2.2      2.6
      2.8      3.1      3.4      3.7      4.1      4.7      5.5      6.7      7.6      8.8
     10.2     12.6     14.3     13.6     11.9      9.0      5.9      4.3      3.3      2.5
      2.1      1.6      1.1      0.6    -99.0    -99.0    -99.0    -99.0    -99.0
 24 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1
      0.0      0.0      0.0      0.0      0.2      0.2      0.3      0.3      0.5      0.8
      1.2      1.5      1.6      1.6      1.5      1.5      1.3      1.3      1.2      1.2
      1.1      1.2      1.2      1.3      1.3      1.5      1.7      2.0      2.3      2.6
      2.8      3.1      3.4      3.7      4.2      4.7      5.7      6.8      7.8      9.0
     10.4     12.9     14.7     14.2     12.8      9.6      6.3      4.6      3.4      2.6
      2.1      1.6      1.1      0.7    -99.0    -99.0    -99.0    -99.0    -99.0
 25 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1
      0.0     -0.1      0.0      0.1      0.2      0.3      0.3      0.4      0.5      0.8
      1.2      1.4      1.4      1.4      1.4      1.2      1.2      1.1      1.1      1.1
      1.2      1.1      1.2      1.3      1.3      1.6      1.7      2.0      2.3      2.6
      2.9      3.1      3.4      3.8      4.2      4.6      5.7      6.8      7.9      9.1
     10.7     13.0     14.6     14.6     13.5     10.3      6.7      4.8      3.5      2.7
      2.1      1.7      1.2      0.7    -99.0    -99.0    -99.0    -99.0    -99.0
 26 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1
     -0.1      0.0      0.0      0.1      0.2      0.3      0.4      0.4      0.5      0.9
      1.1      1.3      1.2      1.2      1.2      1.2      1.1      1.1      1.1      1.0
      1.1      1.0      1.1      1.2      1.3      1.5      1.8      2.0      2.3      2.6
      3.0      3.2      3.4      3.7      4.1      4.6      5.5      6.7      7.8      9.1
     10.7     12.7     14.3     14.7     14.3     10.8      7.0      5.0      3.6      2.7
      2.1      1.6      1.1      0.6    -99.0    -99.0    -99.0    -99.0    -99.0
 27 -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1
     -0.1     -0.1      0.1      0.1      0.3      0.4      0.4      0.5      0.6      0.8
      1.0      1.1      1.2      1.1      1.1      1.1      1.0      1.0      0.9      0.9
      1.0      1.1      1.0      1.2      1.3      1.6      1.8      2.0      2.3      2.7
      2.9      3.1      3.4      3.6      4.0      4.4      5.4      6.6      7.6      8.9
     10.3     12.2     13.6     14.6     15.1     11.2      7.2      5.2      3.7      2.7
      2.0      1.5      1.1      0.6    -99.0    -99.0    -99.0    -99.0    -99.0
 28 -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1
```

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      -0.1     0.0     0.0     0.2     0.3     0.4     0.5     0.5     0.6     0.7
       0.9     1.0     1.0     1.0     1.0     1.0     0.9     0.9     0.9     0.9
       0.9     1.0     1.0     1.1     1.3     1.5     1.7     2.0     2.3     2.7
       3.0     3.1     3.3     3.6     3.8     4.4     5.1     6.2     7.4     8.5
       9.8    11.3    12.5    14.5    15.8    11.3     7.3     5.2     3.8     2.6
       1.9     1.4     1.0     0.6     0.3   -99.0   -99.0   -99.0   -99.0
29   -99.0     0.0     0.0     0.0     0.0     0.0     0.0    -0.1    -0.1    -0.1
      -0.1     0.0     0.0     0.2     0.3     0.4     0.4     0.5     0.6     0.6
       0.9     0.9     0.9     0.9     0.9     0.9     0.9     0.9     0.9     0.8
       0.9     0.9     1.0     1.1     1.2     1.5     1.6     1.9     2.3     2.6
       2.8     3.1     3.2     3.3     3.6     4.2     4.8     5.9     7.0     8.0
       9.2    10.5    11.8    14.1    16.3    11.1     7.2     5.2     3.8     2.6
       1.8     1.2     0.8     0.6     0.2   -99.0   -99.0   -99.0   -99.0
30   -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0    -0.1    -0.1
      -0.1    -0.1     0.1     0.2     0.4     0.4     0.5     0.5     0.6     0.7
       0.7     0.8     0.9     0.8     0.8     0.8     0.8     0.8     0.8     0.7
       0.8     0.9     0.9     1.0     1.2     1.4     1.6     1.9     2.2     2.6
       2.8     2.9     3.0     3.2     3.4     3.9     4.6     5.4     6.5     7.5
       8.5     9.7    10.9    13.3    15.6    10.5     6.9     5.1     3.8     2.6
       1.5     0.7     0.7     0.4     0.2   -99.0   -99.0   -99.0   -99.0
31   -99.0     0.1     0.0     0.0     0.0     0.0     0.0     0.0    -0.1    -0.1
      -0.1    -0.1     0.0     0.2     0.3     0.4     0.5     0.6     0.6     0.7
       0.8     0.8     0.8     0.8     0.8     0.8     0.8     0.7     0.7     0.8
       0.8     0.8     0.9     1.0     1.1     1.3     1.5     1.7     2.0     2.3
       2.6     2.7     2.8     3.0     3.2     3.6     4.3     5.0     6.0     7.0
       7.8     8.8    10.1    12.3    13.8     9.6     6.4     4.9     3.8     2.6
       1.4     0.0     0.4     0.4     0.1   -99.0   -99.0   -99.0   -99.0
32   -99.0     0.0     0.0     0.0     0.0     0.0     0.0    -0.1    -0.1    -0.1
      -0.1    -0.1     0.0     0.3     0.3     0.5     0.5     0.6     0.6     0.6
       0.7     0.7     0.7     0.7     0.7     0.7     0.7     0.7     0.7     0.7
       0.7     0.8     0.7     0.8     1.0     1.2     1.3     1.6     1.8     2.0
       2.2     2.4     2.5     2.6     2.9     3.2     3.8     4.5     5.3     6.2
       6.9     7.9     9.1    10.7    11.5     8.1     5.9     4.8     3.8     2.6
       1.5     0.7     0.5     0.4     0.1   -99.0   -99.0   -99.0   -99.0
33   -99.0     0.0     0.0     0.0     0.0     0.0    -0.1    -0.1    -0.2    -0.1
      -0.2    -0.1     0.1     0.2     0.3     0.4     0.5     0.5     0.6     0.5
       0.7     0.7     0.7     0.7     0.6     0.6     0.6     0.6     0.6     0.6
       0.6     0.6     0.7     0.8     0.8     1.1     1.1     1.3     1.5     1.7
       1.9     2.1     2.2     2.4     2.6     2.8     3.1     3.8     4.5     5.2
       5.9     6.8     7.8     8.8     9.1     7.0     5.5     4.6     3.7     2.7
       2.0     1.2     0.6     0.4     0.2   -99.0   -99.0   -99.0   -99.0
34   -99.0     0.0     0.0     0.0     0.0     0.0    -0.1    -0.1    -0.2    -0.1
      -0.2    -0.1     0.0     0.2     0.3     0.4     0.5     0.5     0.5     0.5
       0.6     0.6     0.6     0.6     0.6     0.5     0.5     0.5     0.5     0.5
       0.5     0.6     0.6     0.6     0.8     0.9     1.0     1.1     1.3     1.5
       1.7     1.9     2.0     2.2     2.2     2.5     2.7     3.2     3.9     4.4
       5.0     5.6     6.3     7.0     7.3     5.9     5.0     4.4     3.6     2.6
       2.0     1.6     0.9     0.5     0.3   -99.0   -99.0   -99.0   -99.0
35   -99.0     0.0     0.0     0.0     0.0     0.0     0.0    -0.1    -0.2    -0.2
      -0.2    -0.2     0.1     0.2     0.3     0.5     0.5     0.6     0.6     0.6
       0.5     0.6     0.5     0.5     0.4     0.4     0.4     0.4     0.4     0.4
       0.4     0.5     0.5     0.5     0.7     0.8     0.9     1.1     1.2     1.3
       1.6     1.7     1.8     1.9     2.0     2.2     2.3     2.6     3.2     3.8
       4.2     4.6     5.0     5.6     5.9     5.0     4.5     4.1     3.4     2.5
```

```
              1.9       1.5       1.0       0.5     -99.0     -99.0     -99.0     -99.0     -99.0
36  -99.0       0.0       0.0       0.0       0.0       0.0       0.0      -0.1      -0.2      -0.3
     -0.3      -0.2       0.0       0.1       0.3       0.4       0.5       0.6       0.5       0.5
      0.5       0.5       0.5       0.5       0.4       0.4       0.3       0.4       0.4       0.4
      0.3       0.3       0.3       0.4       0.6       0.6       0.8       1.0       1.1       1.3
      1.4       1.5       1.6       1.7       1.8       1.9       2.1       2.2       2.6       3.1
      3.4       3.8       4.2       4.5       4.8       4.3       4.0       3.7       3.2       2.4
      1.8       1.3       1.0       0.5     -99.0     -99.0     -99.0     -99.0     -99.0
37  -99.0       0.0       0.0       0.0       0.0       0.0       0.0      -0.1      -0.1      -0.2
     -0.3      -0.2      -0.1       0.1       0.3       0.3       0.5       0.5       0.5       0.5
      0.4       0.5       0.4       0.3       0.3       0.3       0.2       0.3       0.2       0.3
      0.2       0.3       0.3       0.4       0.5       0.6       0.8       0.9       1.0       1.2
      1.3       1.3       1.4       1.5       1.5       1.7       1.8       1.9       2.1       2.4
      2.8       3.1       3.5       3.7       4.0       3.7       3.5       3.3       3.0       2.3
      1.6       1.4       1.2       1.0     -99.0     -99.0     -99.0     -99.0     -99.0
38  -99.0       0.0       0.0       0.0       0.0       0.0       0.0      -0.1      -0.2      -0.3
     -0.3      -0.2      -0.1       0.0       0.2       0.4       0.5       0.6       0.6       0.3
      0.3       0.4       0.3       0.3       0.3       0.2       0.2       0.2       0.1       0.1
      0.1       0.1       0.1       0.3       0.4       0.6       0.8       0.9       1.0       1.2
      1.2       1.3       1.3       1.3       1.3       1.4       1.5       1.6       1.7       1.9
      2.3       2.5       2.8       3.0       3.3       3.3       3.0       2.9       2.7       2.1
      1.6       1.4       1.2       1.1     -99.0     -99.0     -99.0     -99.0     -99.0
39  -99.0       0.0       0.0       0.0       0.0       0.0      -0.1      -0.1      -0.3      -0.3
     -0.3      -0.2      -0.2      -0.1       0.1       0.4       0.5       0.9       0.6       0.3
      0.2       0.1       0.1       0.0       0.0       0.0       0.0       0.0       0.0      -0.1
     -0.1      -0.2      -0.2      -0.1       0.4       0.8       1.0       1.1       1.2       1.2
      1.2       1.2       1.1       1.2       1.2       1.2       1.2       1.1       1.1       1.2
      1.5       1.9       2.2       2.5       2.7       2.7       2.4       2.4       2.1       1.8
      1.6       1.4       1.3       1.2     -99.0     -99.0     -99.0     -99.0     -99.0
40  -99.0       0.0       0.0       0.0       0.0       0.0      -0.1      -0.1      -0.2      -0.3
     -0.4      -0.3      -0.2      -0.3      -0.1       0.4       0.2       2.1       0.5       0.0
     -0.1      -0.1      -0.1      -0.2      -0.2      -0.1      -0.2      -0.2      -0.2      -0.2
     -0.4      -0.6      -0.7      -0.9       0.4       1.2       1.4       1.4       1.4       1.3
      1.2       1.1       1.2       1.1       1.0       1.0       1.0       0.8       0.5       0.0
      0.7       1.3       1.7       2.0       2.2       2.2       2.0       2.0       1.7       1.6
      1.4       1.4       1.2       1.1     -99.0     -99.0     -99.0     -99.0     -99.0
41  -99.0       0.0       0.0       0.0       0.0       0.0      -0.1      -0.1      -0.3      -0.4
     -0.3      -0.3      -0.3      -0.4      -0.4       0.8      -2.2      -0.8      -0.8      -0.7
     -0.5      -0.5      -0.4      -0.3      -0.3      -0.3      -0.2      -0.2      -0.3      -0.3
     -0.5      -1.0      -1.7      -0.6       1.8       1.6       1.5       1.4       1.4       1.3
      1.2       1.2       1.1       1.1       0.9       0.8       0.8       0.6       0.3       0.0
      0.5       0.9       1.3       1.5       1.7       1.8       1.6       1.6       1.5       1.3
      1.2       1.1       1.0       0.9     -99.0     -99.0     -99.0     -99.0     -99.0
42  -99.0       0.0       0.0       0.0       0.1       0.0       0.0      -0.1      -0.2      -0.5
     -0.4      -0.3      -0.4      -0.6      -1.2      -3.3     -13.5      -4.0      -1.7      -1.2
     -0.9      -0.6      -0.6      -0.5      -0.3      -0.3      -0.2      -0.2      -0.2      -0.4
     -0.4      -0.3      -0.3      -0.8       1.2       1.5       1.5       1.4       1.3       1.2
      1.2       1.1       1.0       0.9       0.9       0.8       0.6       0.5       0.2       0.0
      0.3       0.7       1.0       1.1       1.3       1.3       1.3       1.4       1.2       1.1
      1.1       1.0       0.8       0.7     -99.0     -99.0     -99.0     -99.0     -99.0
43  -99.0       0.0       0.0       0.0       0.0      -0.1       0.0      -0.1      -0.2      -0.3
     -0.1      -0.1      -0.2      -0.5      -1.3      -2.7      -4.1      -2.8      -1.8      -1.3
     -1.0      -0.7      -0.6      -0.5      -0.4      -0.3      -0.2      -0.2      -0.2      -0.1
      0.2       0.5       1.0       1.7       1.4       1.2       1.2       1.2       1.2       1.1
```

```
    1.1    1.1    0.9    0.9    0.8    0.7    0.6    0.5    0.3    0.2
    0.3    0.5    0.7    0.9    0.9    0.9    0.8    1.0    1.0    0.9
    0.8    0.6    0.6    0.6  -99.0  -99.0  -99.0  -99.0  -99.0
44 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.2
    0.2    0.2    0.2   -0.1   -1.0   -1.4   -1.7   -1.6   -1.4   -1.2
   -0.9   -0.8   -0.5   -0.4   -0.3   -0.4   -0.3   -0.3   -0.1    0.0
    0.2    0.4    0.6    0.8    0.9    0.9    0.9    0.8    0.9    0.9
    0.8    0.8    0.7    0.8    0.7    0.6    0.5    0.4    0.3    0.2
    0.1    0.4    0.5    0.6    0.7    0.5    0.0    0.5    0.8    0.6
    0.6    0.4    0.4    0.2  -99.0  -99.0  -99.0  -99.0  -99.0
45 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1
    0.0    0.1    0.2    0.1    0.0    0.5    2.5    0.1   -0.6   -0.7
   -0.9   -1.7   -1.3   -0.9   -0.8   -0.6   -0.5   -0.4   -0.2    0.0
    0.1    0.2    0.3    0.5    0.5    0.6    0.6    0.7    0.6    0.6
    0.6    0.6    0.5    0.5    0.5    0.4    0.5    0.4    0.3    0.1
    0.2    0.3    0.4    0.4    0.4    0.4    0.2    0.3    0.4    0.3
    0.3    0.3    0.2    0.1  -99.0  -99.0  -99.0  -99.0  -99.0
46 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.0
    0.0    0.0   -0.1   -0.1   -0.2   -0.3   -0.4   -1.1   -1.8   -2.9
   -3.1   -2.5   -1.7   -1.3   -1.0   -0.8   -0.6   -0.4   -0.3   -0.1
    0.0    0.2    0.2    0.3    0.3    0.4    0.4    0.5    0.4    0.4
    0.3    0.4    0.3    0.4    0.4    0.4    0.3    0.3    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.1    0.1    0.2    0.2    0.2
    0.2    0.1    0.0  -99.0  -99.0  -99.0  -99.0  -99.0  -99.0
47 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.0
    0.0    0.0   -0.1   -0.1   -0.1   -0.2   -0.3   -0.6   -0.9   -1.4
   -1.4   -0.8   -0.7   -0.5   -0.4   -0.3   -0.1   -0.1    0.0    0.1
    0.2    0.2    0.2    0.3    0.3    0.3    0.4    0.3    0.4    0.4
    0.4    0.4    0.4    0.4    0.3    0.3    0.3    0.3    0.2    0.2
    0.2    0.2    0.2    0.1    0.1    0.1    0.1    0.1    0.2    0.1
    0.1    0.0  -99.0  -99.0  -99.0  -99.0  -99.0  -99.0  -99.0
48 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
   -0.1   -0.1    0.0    0.1    0.1    0.1    0.2    0.3    0.5    1.1
    1.4    1.1    0.8    0.7    0.6    0.5    0.4    0.4    0.4    0.4
    0.3    0.3    0.3    0.3    0.4    0.4    0.4    0.4    0.3    0.3
    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.2    0.3    0.2
    0.2    0.2    0.2    0.2    0.2    0.1    0.1    0.0    0.0    0.0
    0.0    0.0    0.0    0.0  -99.0  -99.0  -99.0  -99.0  -99.0
49 -99.0    0.0    0.0    0.1    0.0    0.0    0.1    0.0    0.0    0.0
    0.0    0.1    0.1    0.1    0.2    0.3    0.6    0.8    1.2    1.7
    1.8    1.4    1.2    1.1    1.0    0.8    0.7    0.6    0.6    0.5
    0.4    0.4    0.5    0.4    0.4    0.3    0.4    0.4    0.3    0.3
    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.2    0.2    0.2
    0.2    0.2    0.3    0.1    0.2    0.1    0.1    0.1    0.0    0.1
    0.1    0.1    0.0    0.0    0.1    0.0    0.0  -99.0  -99.0
50 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.0    0.0
    0.0    0.1    0.1    0.2    0.3    0.3    0.5    0.6    0.8    0.9
    1.0    0.9    0.9    0.8    0.8    0.7    0.6    0.7    0.6    0.6
    0.5    0.5    0.5    0.4    0.5    0.4    0.3    0.4    0.3    0.3
    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.2    0.3    0.2
    0.2    0.2    0.3    0.2    0.2    0.2    0.2    0.1    0.1    0.0
    0.1    0.1    0.0    0.0    0.0    0.0    0.0    0.0  -99.0
51 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1
    0.0    0.1    0.1    0.2    0.3    0.3    0.4    0.5    0.5    0.5
```

```
    0.6     0.6     0.6     0.5     0.5     0.5     0.6     0.5     0.4     0.4
    0.5     0.4     0.4     0.4     0.4     0.3     0.4     0.3     0.4     0.3
    0.3     0.3     0.3     0.3     0.3     0.2     0.2     0.2     0.3     0.3
    0.3     0.2     0.2     0.2     0.2     0.2     0.1     0.1     0.1     0.1
    0.1     0.0     0.0     0.1     0.0     0.0     0.0     0.0   -99.0
52 -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.2     0.2     0.3     0.3     0.3     0.4     0.4
    0.4     0.4     0.4     0.4     0.4     0.4     0.4     0.5     0.4     0.4
    0.3     0.4     0.3     0.4     0.4     0.4     0.3     0.3     0.3     0.3
    0.2     0.3     0.3     0.3     0.3     0.3     0.3     0.3     0.3     0.3
    0.3     0.2     0.2     0.2     0.2     0.2     0.1     0.1     0.1     0.1
    0.1     0.1     0.1     0.1     0.0     0.0     0.0     0.0   -99.0
53 -99.0   -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.1     0.2     0.2     0.2     0.3     0.3     0.3
    0.3     0.3     0.3     0.3     0.3     0.4     0.3     0.3     0.4     0.4
    0.4     0.3     0.3     0.3     0.3     0.3     0.2     0.2     0.2     0.2
    0.2     0.3     0.3     0.2     0.2     0.2     0.2     0.2     0.2     0.2
    0.2     0.2     0.2     0.2     0.2     0.1     0.1     0.1     0.0     0.0
    0.0     0.0     0.0     0.1     0.1     0.0     0.1     0.1   -99.0
54 -99.0   -99.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.1     0.1     0.2     0.2     0.2     0.3     0.2
    0.2     0.3     0.2     0.3     0.3     0.3     0.3     0.3     0.3     0.3
    0.2     0.2     0.3     0.3     0.2     0.3     0.2     0.3     0.2     0.2
    0.2     0.3     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2
    0.1     0.1     0.1     0.2     0.1     0.1     0.1     0.1     0.1     0.0
    0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0   -99.0
55 -99.0   -99.0     0.0     0.0     0.1     0.0     0.1     0.0     0.0     0.0
    0.0     0.1     0.1     0.1     0.1     0.2     0.1     0.2     0.1     0.2
    0.1     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.1
    0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2
    0.2     0.2     0.1     0.1     0.1     0.1     0.1     0.1     0.2     0.1
    0.1     0.1     0.1     0.1     0.1     0.1     0.0     0.0     0.1     0.1
    0.1     0.1     0.0     0.0     0.0     0.0     0.1     0.0   -99.0
56 -99.0   -99.0     0.0     0.0     0.1     0.1     0.1     0.1     0.1     0.0
    0.3    -0.2     0.2     0.1    -0.3     0.5     0.1     0.1     0.1     0.2
    0.1     0.2     0.2     0.1     0.1     0.2     0.1     0.1     0.2     0.1
    0.2     0.1     0.1     0.1     0.1     0.1     0.2     0.1     0.1     0.1
    0.1     0.1     0.0     0.1     0.1     0.1     0.1     0.1     0.1     0.0
    0.1     0.0     0.1     0.1     0.1     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   -99.0
57 -99.0   -99.0     0.0     0.0     0.0     0.1     0.0     0.0    -0.4     0.2
    0.2    -0.3     0.6    -0.4    -0.2     0.5    -0.1     0.4     0.1     0.1
    0.1     0.1     0.2     0.1     0.1     0.1     0.1     0.1     0.1     0.1
    0.1     0.1     0.1     0.1     0.0     0.1     0.1     0.0     0.1     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.1     0.1     0.1     0.0     0.1     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.1     0.1     0.0     0.0     0.0   -99.0
58 -99.0   -99.0    -0.1     0.0     0.0     0.0     0.0     0.1     0.0     0.0
    0.0    -0.3     0.0    -0.1     0.3     0.4    -0.4    -0.2     0.1     0.1
    0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1
    0.1     0.0     0.0     0.1     0.0     0.1     0.1     0.0     0.0     0.0
    0.1     0.0     0.0     0.1     0.0     0.1     0.1     0.0     0.1     0.0
    0.1     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0   -99.0   -99.0
```

```
59 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
```

Model layer 4 (Drift and Ironton-Galesville aquifer)

```
 1 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 2 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0     0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.1      0.1      0.1      0.1      0.0      0.1    -99.0    -99.0
 3 -99.0    -99.0    -99.0    -99.0    -99.0     0.0      0.0      0.0      0.1      0.0
    0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.0
    0.1      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
    0.1      0.0      0.1      0.1      0.0      0.0      0.1      0.0      0.1      0.1
    0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1    -99.0
 4 -99.0    -99.0    -99.0     0.0      0.0      0.0      0.0      0.1      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1      0.2
    0.1      0.2      0.2      0.1      0.2      0.2    -99.0    -99.0    -99.0
 5 -99.0    -99.0     0.2      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.0      0.0
    0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.1      0.1
    0.0      0.1      0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.1
    0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.1      0.0      0.1
    0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.3      0.3      0.2
    0.2      0.3      0.2      0.3      0.3      0.2    -99.0    -99.0    -99.0
 6 -99.0    -99.0     0.3      0.1      0.0      0.1      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1
    0.0      0.0      0.1      0.1      0.0      0.0      0.1      0.0      0.0      0.1
    0.0      0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1
    0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.2      0.1      0.2
    0.2      0.2      0.2      0.2      0.3      0.3      0.3      0.3      0.3      0.3
    0.3      0.3      0.3      0.3      0.3      0.2    -99.0    -99.0    -99.0
 7 -99.0    -99.0     0.3      0.0      0.0      0.0      0.0      0.0      0.0      0.1
```

	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3
	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
	0.4	0.4	0.4	0.3	0.3	0.3	-99.0	-99.0	-99.0	
8	-99.0	-99.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1
	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.4
	0.4	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.6
	0.6	0.5	0.5	0.5	0.5	0.4	-99.0	-99.0	-99.0	
9	-99.0	-99.0	-0.4	0.0	0.1	0.0	0.0	0.0	0.1	0.0
	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1
	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2
	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4
	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
	0.6	0.6	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7
	0.8	0.8	0.8	0.8	0.8	0.6	-99.0	-99.0	-99.0	
10	-99.0	-99.0	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0
	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.2
	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.3	0.3
	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.5
	0.6	0.5	0.6	0.6	0.6	0.5	0.6	0.6	0.7	0.7
	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.8	0.9	1.0
	1.0	1.1	1.2	1.4	1.4	0.7	-16.7	-99.0	-99.0	
11	-99.0	-99.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
	0.0	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2
	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.3
	0.3	0.4	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.5
	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8
	0.8	0.9	0.8	0.8	0.9	0.9	0.8	0.9	0.9	1.1
	1.1	1.4	1.7	2.3	3.3	-2.7	-99.0	-99.0	-99.0	
12	-99.0	-99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2
	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.6
	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9
	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0
	1.1	1.3	1.3	1.3	-99.0	-99.0	-99.0	-99.0	-99.0	
13	-99.0	-99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2
	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.4
	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0
	1.1	1.1	1.1	1.1	1.2	1.1	1.0	1.0	1.0	1.0
	1.0	1.1	1.1	-99.0	-99.0	-99.0	-99.0	-99.0	-99.0	
14	-99.0	-99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3
	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4
	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.8
	0.8	0.8	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1
	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0

```
        1.0      1.0      0.9    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
15 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
        0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.3
        0.2      0.3      0.3      0.3      0.3      0.4      0.4      0.5      0.5      0.5
        0.5      0.5      0.5      0.6      0.6      0.7      0.7      0.8      0.8      0.9
        0.9      1.0      1.0      1.0      1.0      1.1      1.2      1.2      1.3      1.3
        1.3      1.3      1.3      1.3      1.3      1.3      1.2      1.1      1.0      1.0
        0.9      0.8      0.7      0.5    -99.0    -99.0    -99.0    -99.0    -99.0
16 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.1      0.0      0.1      0.1      0.2      0.2      0.2      0.3      0.3
        0.3      0.3      0.3      0.3      0.4      0.4      0.4      0.4      0.5      0.5
        0.5      0.6      0.6      0.7      0.7      0.7      0.7      0.8      0.9      0.9
        1.0      1.0      1.0      1.0      1.2      1.1      1.2      1.3      1.3      1.4
        1.4      1.5      1.4      1.4      1.4      1.4      1.3      1.2      1.0      0.9
        0.9      0.8      0.7      0.6      0.4    -99.0    -99.0    -99.0    -99.0
17 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1
        0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.3      0.2      0.2
        0.3      0.3      0.4      0.4      0.4      0.5      0.5      0.5      0.5      0.6
        0.6      0.6      0.6      0.7      0.7      0.7      0.8      0.9      0.9      1.0
        1.0      1.1      1.0      1.1      1.1      1.3      1.2      1.4      1.3      1.4
        1.4      1.5      1.5      1.5      1.5      1.4      1.3      1.2      1.0      0.9
        0.8      0.8      0.7      0.5      0.4    -99.0    -99.0    -99.0    -99.0
18 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0
        0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.3      0.3
        0.4      0.4      0.3      0.4      0.4      0.4      0.5      0.5      0.5      0.6
        0.6      0.6      0.6      0.6      0.8      0.8      0.8      0.8      0.9      1.0
        1.0      1.1      1.1      1.2      1.2      1.2      1.3      1.4      1.4      1.5
        1.5      1.5      1.6      1.6      1.5      1.5      1.4      1.3      1.1      0.9
        0.8      0.8      0.6      0.5      0.5    -99.0    -99.0    -99.0    -99.0
19 -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0
        0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.3      0.3      0.4
        0.3      0.4      0.4      0.5      0.5      0.5      0.4      0.5      0.6      0.6
        0.6      0.7      0.7      0.7      0.7      0.7      0.9      0.9      1.0      1.0
        1.1      1.1      1.1      1.2      1.3      1.3      1.4      1.5      1.6      1.6
        1.6      1.7      1.7      1.7      1.6      1.5      1.4      1.2      1.1      0.9
        0.8      0.7      0.6      0.6      0.5    -99.0    -99.0    -99.0    -99.0
20 -99.0    -99.0      0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0
        0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.3      0.3      0.3
        0.4      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.5      0.6
        0.6      0.7      0.7      0.7      0.7      0.8      0.9      0.9      1.0      1.1
        1.1      1.2      1.2      1.2      1.3      1.3      1.4      1.5      1.5      1.6
        1.7      1.7      1.8      1.7      1.7      1.5      1.4      1.3      1.1      0.9
        0.8      0.8      0.7      0.5      0.4    -99.0    -99.0    -99.0    -99.0
21 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.2      0.3      0.3      0.3      0.3
        0.3      0.4      0.5      0.4      0.5      0.5      0.6      0.6      0.6      0.6
        0.6      0.7      0.7      0.8      0.8      0.8      0.9      0.9      1.0      1.1
        1.2      1.2      1.2      1.3      1.3      1.4      1.5      1.6      1.6      1.7
        1.8      1.8      1.8      1.8      1.8      1.7      1.5      1.3      1.1      1.0
        0.9      0.7      0.6      0.6      0.5    -99.0    -99.0    -99.0    -99.0
22 -99.0    -99.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1      0.0
        0.1      0.1      0.1      0.2      0.2      0.3      0.2      0.3      0.4      0.3
        0.4      0.4      0.5      0.5      0.5      0.5      0.6      0.6      0.6      0.7
        0.7      0.7      0.7      0.7      0.8      0.8      0.9      1.0      1.1      1.1
```

```
       1.2       1.2       1.3       1.3       1.3       1.4       1.5       1.6       1.6       1.7
       1.7       1.9       1.9       1.8       1.8       1.7       1.5       1.3       1.2       0.9
       0.8       0.7       0.6       0.5       0.4     -99.0     -99.0     -99.0     -99.0
 23  -99.0     -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1
       0.1       0.1       0.1       0.2       0.2       0.2       0.3       0.3       0.4       0.3
       0.4       0.4       0.5       0.5       0.4       0.5       0.5       0.5       0.6       0.6
       0.7       0.7       0.7       0.7       0.8       0.8       0.9       0.9       1.0       1.1
       1.2       1.3       1.2       1.3       1.4       1.4       1.5       1.6       1.7       1.7
       1.8       1.9       1.9       1.9       1.8       1.7       1.5       1.4       1.1       1.0
       0.9       0.7       0.6       0.5       0.4     -99.0     -99.0     -99.0     -99.0
 24  -99.0     -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.1
       0.0       0.1       0.2       0.1       0.2       0.3       0.3       0.3       0.3       0.4
       0.4       0.4       0.4       0.4       0.5       0.5       0.5       0.6       0.6       0.6
       0.6       0.7       0.7       0.7       0.8       0.8       0.9       1.0       1.0       1.1
       1.2       1.2       1.3       1.3       1.4       1.5       1.5       1.6       1.7       1.7
       1.8       1.9       1.9       1.9       1.8       1.7       1.5       1.4       1.1       1.0
       0.9       0.7       0.6       0.5       0.4     -99.0     -99.0     -99.0     -99.0
 25  -99.0     -99.0       0.0       0.0       0.0       0.1       0.0       0.0       0.0       0.0
       0.1       0.1       0.1       0.2       0.2       0.3       0.3       0.3       0.3       0.4
       0.4       0.4       0.5       0.4       0.5       0.5       0.5       0.5       0.6       0.6
       0.7       0.7       0.7       0.7       0.8       0.8       0.9       0.9       1.0       1.0
       1.1       1.3       1.3       1.3       1.3       1.4       1.5       1.6       1.7       1.8
       1.8       1.8       1.9       1.9       1.9       1.7       1.6       1.3       1.2       0.9
       0.8       0.7       0.6       0.5       0.4     -99.0     -99.0     -99.0     -99.0
 26  -99.0       0.0       0.1       0.0       0.0       0.0       0.0       0.0       0.1       0.0
       0.0       0.1       0.2       0.1       0.2       0.3       0.3       0.3       0.3       0.3
       0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.5       0.5       0.6
       0.6       0.7       0.7       0.7       0.8       0.9       1.0       0.9       1.0       1.1
       1.1       1.2       1.3       1.3       1.4       1.5       1.5       1.6       1.6       1.7
       1.8       1.8       1.9       1.9       1.8       1.8       1.6       1.4       1.2       0.9
       0.8       0.7       0.6       0.5       0.3       0.3     -99.0     -99.0     -99.0
 27  -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
       0.1       0.1       0.1       0.2       0.2       0.2       0.3       0.3       0.3       0.4
       0.4       0.4       0.4       0.4       0.5       0.5       0.5       0.6       0.6       0.6
       0.6       0.7       0.7       0.7       0.7       0.9       0.9       0.9       1.0       1.1
       1.2       1.2       1.3       1.3       1.3       1.4       1.5       1.6       1.7       1.8
       1.8       1.9       1.9       1.9       1.9       1.7       1.5       1.4       1.2       1.0
       0.9       0.7       0.6       0.4       0.3       0.2     -99.0     -99.0     -99.0
 28  -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0       0.1
       0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.3       0.3       0.3
       0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.5       0.5       0.6
       0.6       0.7       0.7       0.8       0.7       0.8       0.9       0.9       1.0       1.1
       1.2       1.2       1.3       1.3       1.4       1.4       1.5       1.5       1.6       1.7
       1.8       1.8       1.9       1.9       1.9       1.8       1.5       1.4       1.2       1.0
       0.8       0.8       0.6       0.4       0.3       0.2     -99.0     -99.0     -99.0
 29  -99.0       0.0       0.0       0.1       0.0       0.0       0.0       0.0       0.1       0.0
       0.1       0.1       0.1       0.2       0.3       0.2       0.2       0.3       0.3       0.4
       0.4       0.4       0.4       0.4       0.4       0.5       0.5       0.5       0.5       0.6
       0.6       0.6       0.6       0.7       0.7       0.9       0.8       0.9       1.0       1.1
       1.2       1.2       1.3       1.3       1.4       1.4       1.5       1.6       1.6       1.7
       1.7       1.9       1.9       1.8       1.8       1.8       1.5       1.4       1.2       1.0
       0.9       0.8       0.6       0.4       0.3       0.3     -99.0     -99.0     -99.0
 30  -99.0       0.0       0.0       0.0       0.1       0.0       0.0       0.0       0.1       0.1
       0.0       0.1       0.1       0.1       0.2       0.2       0.2       0.3       0.3       0.3
```

```
    0.4       0.3       0.4       0.4       0.4       0.5       0.5       0.6       0.6       0.5
    0.6       0.7       0.7       0.7       0.8       0.8       0.9       1.0       1.0       1.1
    1.2       1.2       1.2       1.3       1.3       1.3       1.4       1.6       1.6       1.7
    1.7       1.8       1.8       1.9       1.8       1.7       1.5       1.3       1.2       1.0
    0.9       0.7       0.6       0.4       0.3       0.2     -99.0     -99.0     -99.0
31 -99.0      0.0       0.1       0.0       0.0       0.0       0.1       0.0       0.0       0.0
    0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.3       0.3       0.3
    0.3       0.4       0.4       0.4       0.5       0.4       0.5       0.5       0.5       0.6
    0.6       0.7       0.6       0.7       0.7       0.8       0.9       0.9       1.0       1.1
    1.1       1.2       1.2       1.2       1.3       1.3       1.4       1.5       1.6       1.6
    1.7       1.8       1.8       1.8       1.7       1.7       1.6       1.4       1.2       1.0
    0.8       0.7       0.5       0.3       0.3       0.2     -99.0     -99.0     -99.0
32 -99.0      0.0       0.1       0.0       0.0       0.0       0.0       0.0       0.0       0.1
    0.1       0.1       0.1       0.1       0.2       0.2       0.3       0.3       0.3       0.4
    0.3       0.4       0.3       0.4       0.4       0.4       0.5       0.5       0.5       0.6
    0.6       0.6       0.7       0.6       0.8       0.8       0.8       0.9       0.9       1.0
    1.0       1.1       1.2       1.3       1.3       1.3       1.3       1.5       1.5       1.6
    1.7       1.6       1.7       1.7       1.7       1.7       1.5       1.4       1.3       1.0
    0.8       0.7       0.5       0.3       0.2       0.1     -99.0     -99.0     -99.0
33 -99.0      0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.1
    0.1       0.1       0.2       0.2       0.2       0.2       0.2       0.3       0.3       0.3
    0.3       0.4       0.4       0.4       0.5       0.4       0.4       0.4       0.5       0.6
    0.5       0.6       0.6       0.6       0.7       0.7       0.9       0.8       0.9       1.0
    1.1       1.0       1.2       1.2       1.2       1.3       1.4       1.4       1.4       1.5
    1.5       1.6       1.6       1.7       1.6       1.6       1.5       1.4       1.1       0.9
    0.8       0.6       0.5       0.3       0.2       0.1     -99.0     -99.0     -99.0
34 -99.0      0.0       0.1       0.1       0.0       0.1       0.0       0.0       0.0       0.1
    0.1       0.1       0.2       0.2       0.2       0.3       0.2       0.3       0.3       0.3
    0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.5       0.5       0.5
    0.6       0.6       0.6       0.6       0.7       0.7       0.8       0.9       0.9       0.9
    1.0       1.1       1.0       1.1       1.2       1.2       1.3       1.3       1.3       1.5
    1.5       1.5       1.6       1.6       1.6       1.5       1.4       1.3       1.1       1.0
    0.8       0.6       0.4       0.2       0.2       0.2     -99.0     -99.0     -99.0
35 -99.0      0.1       0.0       0.0       0.0       0.0       0.0       0.1       0.1       0.0
    0.1       0.1       0.1       0.2       0.2       0.2       0.3       0.2       0.2       0.3
    0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.5
    0.5       0.6       0.6       0.6       0.6       0.7       0.8       0.8       0.9       0.9
    1.0       1.0       1.0       1.1       1.1       1.2       1.2       1.3       1.3       1.3
    1.4       1.5       1.4       1.5       1.5       1.5       1.4       1.2       1.1       0.8
    0.7       0.6       0.3       0.3       0.1       0.2     -99.0     -99.0     -99.0
36 -99.0      0.0       0.0       0.1       0.0       0.0       0.1       0.0       0.0       0.1
    0.1       0.1       0.1       0.2       0.2       0.3       0.3       0.2       0.3       0.3
    0.3       0.3       0.3       0.4       0.4       0.4       0.4       0.5       0.4       0.5
    0.5       0.6       0.6       0.6       0.6       0.7       0.8       0.8       0.9       0.9
    0.9       1.0       1.0       1.0       1.1       1.1       1.2       1.2       1.3       1.3
    1.3       1.3       1.4       1.4       1.4       1.4       1.3       1.3       1.0       0.8
    0.7       0.5       0.3       0.2       0.2     -99.0     -99.0     -99.0     -99.0
37 -99.0      0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0
    0.0       0.1       0.1       0.1       0.2       0.2       0.2       0.3       0.2       0.3
    0.3       0.3       0.3       0.3       0.3       0.4       0.4       0.4       0.4       0.5
    0.5       0.5       0.5       0.5       0.6       0.7       0.7       0.8       0.8       0.9
    0.9       0.9       1.0       1.0       1.0       1.1       1.1       1.1       1.1       1.2
    1.3       1.2       1.3       1.3       1.3       1.3       1.2       1.1       1.0       0.8
    0.6       0.4       0.3       0.3       0.2     -99.0     -99.0     -99.0     -99.0
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38 -99.0    0.0    0.0    0.0    0.1    0.0    0.0    0.1    0.0    0.0
     0.0    0.1    0.1    0.2    0.2    0.2    0.2    0.2    0.2    0.3
     0.3    0.3    0.3    0.3    0.4    0.3    0.3    0.4    0.4    0.5
     0.5    0.5    0.5    0.5    0.6    0.7    0.7    0.7    0.8    0.8
     0.9    0.9    0.8    0.9    0.9    0.9    1.1    1.0    1.0    1.1
     1.1    1.1    1.2    1.2    1.2    1.2    1.1    1.1    0.9    0.7
     0.5    0.4    0.3    0.2    0.1  -99.0  -99.0  -99.0  -99.0
39 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.0    0.1
     0.1    0.0    0.1    0.1    0.2    0.1    0.2    0.2    0.2    0.3
     0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.4    0.4    0.4
     0.5    0.5    0.5    0.6    0.5    0.6    0.7    0.6    0.7    0.7
     0.8    0.8    0.9    0.8    0.9    0.9    0.9    1.0    1.0    1.0
     1.0    1.1    1.1    1.1    1.2    1.1    1.1    1.0    0.8    0.6
     0.5    0.3    0.2    0.2    0.2  -99.0  -99.0  -99.0  -99.0
40 -99.0    0.0    0.0    0.1    0.0    0.0    0.0    0.0    0.0    0.1
     0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.2    0.2
     0.3    0.3    0.2    0.2    0.2    0.3    0.3    0.4    0.4    0.4
     0.4    0.4    0.5    0.5    0.5    0.5    0.6    0.6    0.6    0.7
     0.8    0.8    0.8    0.8    0.8    0.8    0.8    0.9    0.9    0.9
     0.9    1.0    1.0    1.0    1.0    0.9    1.0    0.9    0.7    0.5
     0.4    0.3    0.3    0.1    0.1  -99.0  -99.0  -99.0  -99.0
41 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
     0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.2    0.1
     0.2    0.2    0.3    0.2    0.3    0.3    0.3    0.3    0.3    0.4
     0.4    0.4    0.4    0.5    0.5    0.5    0.6    0.6    0.7    0.6
     0.7    0.7    0.7    0.7    0.8    0.8    0.8    0.8    0.9    0.8
     0.9    0.8    0.8    0.9    0.9    0.9    0.9    0.8    0.6    0.5
     0.3    0.2    0.2    0.2    0.1  -99.0  -99.0  -99.0  -99.0
42 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.1
     0.0    0.1    0.1    0.1    0.0    0.1    0.1    0.1    0.1    0.2
     0.2    0.2    0.2    0.2    0.2    0.3    0.2    0.3    0.3    0.3
     0.4    0.4    0.4    0.5    0.5    0.5    0.5    0.5    0.6    0.6
     0.6    0.6    0.7    0.6    0.7    0.7    0.7    0.8    0.7    0.8
     0.8    0.8    0.8    0.8    0.8    0.8    0.8    0.7    0.4    0.4
     0.3    0.2    0.2    0.1    0.1  -99.0  -99.0  -99.0  -99.0
43 -99.0    0.0    0.0    0.1    0.0    0.0    0.1    0.0    0.0    0.0
     0.0    0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.2
     0.1    0.2    0.2    0.2    0.2    0.3    0.2    0.3    0.3    0.3
     0.4    0.3    0.4    0.4    0.5    0.5    0.5    0.5    0.5    0.6
     0.6    0.7    0.6    0.6    0.6    0.6    0.7    0.7    0.7    0.6
     0.7    0.7    0.8    0.7    0.8    0.7    0.7    0.6    0.4    0.4
     0.3    0.3    0.1    0.1    0.0  -99.0  -99.0  -99.0  -99.0
44 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1
     0.0    0.1    0.1    0.0    0.1    0.1    0.1    0.1    0.1    0.1
     0.2    0.2    0.2    0.2    0.2    0.2    0.3    0.3    0.3    0.3
     0.3    0.3    0.3    0.4    0.4    0.4    0.5    0.5    0.5    0.5
     0.6    0.5    0.5    0.6    0.5    0.5    0.6    0.6    0.7    0.6
     0.6    0.6    0.6    0.6    0.7    0.6    0.5    0.5    0.4    0.3
     0.3    0.2    0.2    0.2  -99.0  -99.0  -99.0  -99.0  -99.0
45 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.1    0.0
     0.0    0.0    0.1    0.1    0.0    0.1    0.1    0.1    0.1    0.1
     0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.3    0.3
     0.3    0.3    0.4    0.3    0.4    0.4    0.4    0.4    0.5    0.5
     0.4    0.5    0.4    0.6    0.5    0.5    0.5    0.5    0.5    0.5
```

```
        0.5      0.6      0.5      0.5      0.5      0.5      0.5      0.4      0.3      0.3
        0.3      0.2      0.2      0.2    -99.0    -99.0    -99.0    -99.0    -99.0
46    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
        0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.3      0.2      0.3      0.3      0.3      0.4      0.4      0.3      0.4      0.4
        0.5      0.4      0.4      0.4      0.4      0.5      0.4      0.4      0.5      0.5
        0.4      0.5      0.4      0.5      0.5      0.4      0.4      0.3      0.3      0.3
        0.3      0.2      0.2    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
47    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0
        0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.2
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
        0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.4
        0.4      0.4      0.4      0.3      0.4      0.4      0.3      0.3      0.2      0.3
        0.2      0.2    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
48    -99.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.1      0.1
        0.1      0.0      0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.2      0.3      0.3
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.3
        0.3      0.3      0.3      0.3      0.4      0.3      0.4      0.3      0.4      0.3
        0.4      0.4      0.4      0.3      0.3      0.3      0.3      0.2      0.3      0.2
        0.1      0.1      0.1      0.2    -99.0    -99.0    -99.0    -99.0    -99.0
49    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.3      0.3      0.3
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
        0.3      0.3      0.3      0.3      0.3      0.2      0.3      0.2      0.2      0.2
        0.2      0.1      0.1      0.1      0.1      0.0      0.1    -99.0    -99.0
50    -99.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.0
        0.1      0.1      0.1      0.0      0.1      0.1      0.2      0.1      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2      0.2
        0.2      0.3      0.2      0.2      0.3      0.3      0.2      0.2      0.3      0.2
        0.3      0.3      0.2      0.3      0.2      0.2      0.2      0.3      0.2      0.3
        0.3      0.2      0.2      0.3      0.2      0.2      0.2      0.2      0.2      0.2
        0.1      0.1      0.1      0.1      0.0      0.1      0.1      0.0    -99.0
51    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0
        0.0      0.0      0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.3      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.0      0.1      0.0    -99.0
52    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0
        0.0      0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.2      0.2
        0.2      0.2      0.2      0.1      0.1      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.2
        0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.1      0.1      0.2      0.2      0.2      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.0      0.0      0.1    -99.0
53    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
        0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.2      0.1
        0.1      0.1      0.2      0.2      0.1      0.2      0.2      0.1      0.2      0.1
```

```
       0.1      0.2      0.1      0.2      0.1      0.1      0.1      0.2      0.1      0.1
       0.2      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.1      0.2
       0.2      0.1      0.1      0.2      0.2      0.1      0.1      0.1      0.1      0.0
       0.1      0.1      0.0      0.1      0.0      0.0      0.1      0.1    -99.0
54   -99.0    -99.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.2      0.1      0.1
       0.1      0.1      0.1      0.2      0.2      0.1      0.1      0.1      0.1      0.2
       0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.1
       0.2      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
       0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.0      0.0      0.0
       0.1      0.1      0.0      0.0      0.1      0.0      0.0      0.0    -99.0
55   -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1
       0.0      0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1
       0.1      0.1      0.1      0.0      0.1      0.1      0.2      0.1      0.1      0.1
       0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
       0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.1
       0.1      0.1      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.1
       0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0    -99.0
56   -99.0    -99.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.1
       0.1      0.0      0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.1
       0.1      0.1      0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1
       0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1
       0.0      0.0      0.1      0.1      0.1      0.1      0.0      0.0      0.0      0.0
       0.0      0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0      0.1
       0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0    -99.0
57   -99.0    -99.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1
       0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.0      0.1      0.0
       0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.1      0.1      0.1
       0.1      0.1      0.1      0.1      0.1      0.0      0.0      0.0      0.0      0.1
       0.1      0.0      0.1      0.1      0.1      0.0      0.0      0.0      0.1      0.1
       0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1
       0.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0    -99.0
58   -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.1      0.0      0.0      0.1      0.1      0.0      0.0      0.0      0.0      0.1
       0.1      0.0      0.1      0.0      0.1      0.0      0.1      0.1      0.0      0.1
       0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0      0.1      0.0
       0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0
       0.0      0.0      0.0     -0.1      0.0      0.0      0.0    -99.0    -99.0
59   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
```

Model layer 5 (Drift and Eau Claire confining unit)

```
 1   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
```

```
  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
2 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.1
    0.1      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
    0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
    0.0      0.0      0.0      0.0      0.0      0.0      0.1    -99.0    -99.0
3 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.0
    0.0      0.1      0.1      0.1      0.1      0.0      0.0      0.0    -99.0
4 -99.0    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.0
    0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.1      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
    0.0      0.0      0.1      0.1      0.0      0.0      0.1      0.1      0.1      0.2
    0.1      0.1      0.1      0.1      0.1      0.2    -99.0    -99.0    -99.0
5 -99.0    -99.0      0.3      0.0      0.1      0.0      0.0      0.1      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0
    0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.0      0.0      0.0
    0.1      0.0      0.1      0.0      0.0      0.1      0.0      0.1      0.0      0.0
    0.0      0.1      0.1      0.1      0.0      0.1      0.1      0.0      0.1      0.0
    0.0      0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.2
    0.2      0.2      0.2      0.2      0.2      0.2    -99.0    -99.0    -99.0
6 -99.0    -99.0     -0.4      0.0      0.1      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
    0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.1      0.0      0.0
    0.0      0.1      0.0      0.1      0.1      0.1      0.1      0.0      0.1      0.2
    0.1      0.1      0.1      0.2      0.2      0.1      0.2      0.2      0.2      0.2
    0.2      0.2      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3
    0.3      0.3      0.3      0.3      0.3      0.2    -99.0    -99.0    -99.0
7 -99.0    -99.0     -0.2      0.0      0.1      0.0      0.1      0.1      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0
    0.0      0.1      0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1
    0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2
    0.1      0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.3      0.3
    0.2      0.3      0.3      0.3      0.3      0.3      0.4      0.3      0.4      0.3
    0.4      0.4      0.4      0.4      0.3      0.3    -99.0    -99.0    -99.0
8 -99.0    -99.0      0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1      0.1      0.1
    0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1
    0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
    0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.4      0.3      0.4
    0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.5
    0.5      0.5      0.4      0.5      0.4      0.4    -99.0    -99.0    -99.0
9 -99.0    -99.0     -0.1      0.1      0.1      0.0      0.0      0.0      0.1      0.0
    0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.1      0.1
```

```
    0.1      0.1      0.1      0.2      0.2      0.1      0.1      0.2      0.2      0.2
    0.2      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.4
    0.3      0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.5      0.5
    0.5      0.5      0.5      0.6      0.5      0.6      0.6      0.6      0.7      0.7
    0.6      0.7      0.7      0.6      0.6      0.4    -99.0    -99.0    -99.0
10 -99.0    -99.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.1      0.1      0.0      0.0      0.1      0.1      0.2      0.1
    0.1      0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.2      0.2
    0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.4      0.4      0.4
    0.4      0.4      0.5      0.5      0.5      0.5      0.5      0.6      0.5      0.6
    0.6      0.6      0.6      0.6      0.7      0.6      0.7      0.7      0.8      0.9
    0.8      1.0      1.0      1.0      0.8     -1.0    -11.0    -99.0    -99.0
11 -99.0    -99.0      0.0      0.0      0.1      0.1      0.0      0.0      0.0      0.0
    0.1      0.0      0.0      0.0      0.1      0.1      0.2      0.1      0.1      0.2
    0.1      0.2      0.2      0.2      0.2      0.3      0.3      0.3      0.2      0.3
    0.3      0.3      0.4      0.4      0.4      0.4      0.4      0.5      0.5      0.5
    0.5      0.5      0.6      0.6      0.6      0.6      0.6      0.7      0.7      0.7
    0.7      0.7      0.8      0.8      0.8      0.8      0.8      0.8      0.9      0.9
    1.0      1.1      1.3      1.4      1.3     -0.9    -99.0    -99.0    -99.0
12 -99.0    -99.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.1
    0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1
    0.2      0.2      0.2      0.3      0.3      0.3      0.2      0.3      0.3      0.3
    0.3      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.6      0.6
    0.6      0.6      0.7      0.6      0.7      0.7      0.7      0.8      0.8      0.8
    0.8      0.8      0.8      0.9      0.9      0.9      0.9      0.9      0.9      0.9
    1.0      1.0      1.1      1.1    -99.0    -99.0    -99.0    -99.0    -99.0
13 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
    0.0      0.0      0.1      0.1      0.2      0.1      0.1      0.1      0.2      0.2
    0.2      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.4
    0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.6      0.7      0.7
    0.7      0.7      0.7      0.8      0.8      0.8      0.9      0.8      0.8      0.9
    1.0      1.0      1.0      1.0      1.0      1.0      1.0      0.9      0.9      0.9
    0.9      0.9      1.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
14 -99.0    -99.0      0.0      0.1      0.0      0.0      0.1      0.0      0.1      0.0
    0.1      0.0      0.1      0.1      0.2      0.1      0.2      0.1      0.2      0.2
    0.2      0.2      0.3      0.3      0.3      0.3      0.4      0.3      0.4      0.4
    0.4      0.4      0.5      0.5      0.5      0.5      0.6      0.6      0.7      0.7
    0.7      0.8      0.8      0.8      0.9      0.8      0.9      1.0      1.0      1.0
    1.0      1.1      1.1      1.1      1.1      1.1      0.9      0.9      0.9      0.9
    0.9      0.9      0.9    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
15 -99.0    -99.0      0.0      0.1      0.0      0.1      0.1      0.0      0.0      0.1
    0.1      0.1      0.1      0.2      0.1      0.1      0.2      0.2      0.2      0.2
    0.2      0.2      0.3      0.3      0.4      0.3      0.3      0.4      0.4      0.4
    0.5      0.5      0.5      0.5      0.6      0.6      0.6      0.7      0.7      0.7
    0.8      0.8      0.8      0.9      0.9      1.0      1.0      1.0      1.0      1.0
    1.1      1.1      1.2      1.2      1.1      1.0      1.1      1.0      0.9      0.9
    0.8      0.8      0.7      0.6    -99.0    -99.0    -99.0    -99.0    -99.0
16 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
    0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2
    0.2      0.3      0.3      0.4      0.3      0.4      0.4      0.4      0.4      0.5
    0.5      0.5      0.5      0.5      0.6      0.6      0.6      0.7      0.8      0.8
    0.9      0.9      0.9      0.9      0.9      1.0      1.0      1.1      1.1      1.2
    1.2      1.2      1.3      1.3      1.2      1.1      1.1      1.0      0.9      0.8
    0.8      0.6      0.6      0.6      0.5    -99.0    -99.0    -99.0    -99.0
```

```
17 -99.0    -99.0     0.0     0.0     0.0     0.1     0.0     0.0     0.1     0.1
    0.1      0.1      0.1     0.1     0.1     0.2     0.2     0.2     0.2     0.3
    0.3      0.3      0.3     0.4     0.4     0.4     0.4     0.5     0.5     0.5
    0.5      0.5      0.6     0.6     0.6     0.7     0.7     0.7     0.8     0.9
    0.9      0.9      0.9     0.9     1.0     1.0     1.1     1.2     1.2     1.2
    1.2      1.3      1.2     1.3     1.2     1.2     1.1     1.0     0.9     0.9
    0.7      0.6      0.6     0.6     0.5   -99.0   -99.0   -99.0   -99.0
18 -99.0    -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1
    0.1      0.1      0.2     0.2     0.2     0.2     0.2     0.2     0.3     0.3
    0.3      0.3      0.3     0.4     0.4     0.4     0.4     0.5     0.4     0.5
    0.5      0.5      0.5     0.6     0.6     0.7     0.7     0.8     0.8     0.9
    0.9      0.9      0.9     1.0     1.0     1.0     1.1     1.2     1.2     1.3
    1.3      1.3      1.4     1.3     1.3     1.3     1.2     1.0     1.0     0.8
    0.7      0.7      0.6     0.5     0.5   -99.0   -99.0   -99.0   -99.0
19 -99.0    -99.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.0
    0.1      0.1      0.1     0.1     0.2     0.2     0.2     0.2     0.2     0.3
    0.3      0.3      0.4     0.4     0.4     0.5     0.4     0.4     0.5     0.5
    0.5      0.5      0.6     0.6     0.7     0.6     0.8     0.7     0.8     0.8
    0.9      0.9      1.0     1.0     1.1     1.1     1.2     1.2     1.3     1.3
    1.3      1.4      1.4     1.4     1.3     1.3     1.2     1.0     1.0     0.8
    0.8      0.7      0.6     0.6     0.4   -99.0   -99.0   -99.0   -99.0
20 -99.0    -99.0     0.0     0.1     0.0     0.0     0.1     0.0     0.0     0.0
    0.0      0.1      0.1     0.2     0.1     0.1     0.2     0.2     0.3     0.3
    0.3      0.3      0.3     0.4     0.5     0.5     0.4     0.5     0.5     0.5
    0.5      0.5      0.6     0.6     0.7     0.7     0.8     0.8     0.8     1.0
    1.0      1.0      1.0     1.0     1.1     1.2     1.3     1.2     1.3     1.3
    1.4      1.4      1.4     1.5     1.5     1.3     1.2     1.1     1.0     0.8
    0.7      0.6      0.6     0.5     0.5   -99.0   -99.0   -99.0   -99.0
21 -99.0    -99.0     0.0     0.0     0.0     0.0     0.1     0.1     0.1     0.1
    0.1      0.1      0.1     0.1     0.2     0.2     0.2     0.3     0.3     0.3
    0.4      0.4      0.3     0.4     0.4     0.5     0.5     0.5     0.5     0.5
    0.5      0.5      0.6     0.6     0.7     0.8     0.7     0.9     0.9     0.9
    1.0      1.0      1.0     1.1     1.2     1.2     1.3     1.3     1.4     1.5
    1.5      1.5      1.6     1.5     1.5     1.4     1.2     1.1     1.0     0.9
    0.7      0.7      0.6     0.5     0.5   -99.0   -99.0   -99.0   -99.0
22 -99.0    -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1
    0.1      0.1      0.1     0.1     0.1     0.2     0.2     0.3     0.3     0.3
    0.3      0.4      0.4     0.4     0.5     0.5     0.4     0.4     0.5     0.6
    0.6      0.5      0.6     0.6     0.6     0.8     0.8     0.8     0.9     0.9
    0.9      1.0      1.1     1.1     1.1     1.2     1.3     1.4     1.4     1.4
    1.5      1.6      1.5     1.5     1.5     1.4     1.3     1.1     1.0     0.9
    0.7      0.7      0.6     0.5     0.4   -99.0   -99.0   -99.0   -99.0
23 -99.0    -99.0     0.0     0.0     0.0     0.1     0.0     0.0     0.1     0.0
    0.1      0.1      0.1     0.2     0.2     0.2     0.2     0.3     0.3     0.4
    0.3      0.3      0.4     0.5     0.4     0.4     0.5     0.5     0.5     0.6
    0.5      0.6      0.7     0.6     0.7     0.7     0.8     0.8     0.9     0.9
    1.0      1.0      1.1     1.1     1.2     1.2     1.3     1.4     1.4     1.4
    1.5      1.6      1.6     1.6     1.5     1.4     1.3     1.2     1.0     0.9
    0.8      0.7      0.6     0.5     0.5   -99.0   -99.0   -99.0   -99.0
24 -99.0    -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1
    0.1      0.1      0.1     0.2     0.2     0.2     0.2     0.2     0.3     0.3
    0.3      0.4      0.4     0.4     0.5     0.4     0.5     0.5     0.5     0.6
    0.6      0.6      0.6     0.7     0.7     0.7     0.8     0.9     0.8     1.0
    1.0      1.0      1.1     1.1     1.1     1.3     1.3     1.4     1.5     1.5
```

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    1.6      1.6      1.6      1.6      1.5      1.5      1.3      1.2      1.0      0.8
    0.8      0.7      0.6      0.5      0.5    -99.0    -99.0    -99.0    -99.0
25 -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.1
    0.1      0.1      0.1      0.2      0.2      0.3      0.2      0.3      0.3      0.3
    0.4      0.3      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.5
    0.6      0.6      0.6      0.7      0.7      0.7      0.8      0.8      0.9      1.0
    0.9      1.0      1.1      1.1      1.2      1.2      1.3      1.3      1.4      1.5
    1.5      1.6      1.6      1.6      1.6      1.5      1.3      1.2      1.0      0.8
    0.7      0.6      0.6      0.5      0.4    -99.0    -99.0    -99.0    -99.0
26 -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0
    0.0      0.1      0.2      0.1      0.2      0.2      0.2      0.3      0.3      0.3
    0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.5
    0.5      0.6      0.6      0.6      0.7      0.8      0.7      0.9      0.9      0.9
    1.0      1.0      1.1      1.1      1.1      1.3      1.3      1.4      1.4      1.5
    1.5      1.6      1.6      1.6      1.5      1.4      1.4      1.1      1.0      0.8
    0.8      0.6      0.5      0.5      0.4      0.3    -99.0    -99.0    -99.0
27 -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
    0.0      0.1      0.1      0.2      0.2      0.3      0.3      0.3      0.3      0.3
    0.3      0.4      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.5
    0.6      0.6      0.7      0.7      0.7      0.7      0.8      0.8      0.9      0.9
    1.0      1.0      1.1      1.2      1.2      1.2      1.3      1.3      1.4      1.4
    1.5      1.5      1.6      1.6      1.5      1.5      1.3      1.2      1.0      0.9
    0.8      0.7      0.5      0.4      0.4      0.3    -99.0    -99.0    -99.0
28 -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
    0.1      0.1      0.1      0.1      0.2      0.2      0.3      0.3      0.3      0.4
    0.3      0.4      0.4      0.4      0.5      0.5      0.4      0.5      0.5      0.5
    0.5      0.6      0.6      0.7      0.7      0.7      0.8      0.8      0.8      0.9
    0.9      1.1      1.0      1.1      1.1      1.2      1.3      1.3      1.4      1.4
    1.5      1.5      1.6      1.6      1.6      1.4      1.4      1.2      1.0      0.8
    0.8      0.7      0.5      0.4      0.4      0.3    -99.0    -99.0    -99.0
29 -99.0      0.0      0.1      0.0      0.0      0.0      0.0      0.1      0.0      0.1
    0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.3      0.3
    0.3      0.4      0.3      0.4      0.4      0.5      0.5      0.5      0.5      0.6
    0.6      0.6      0.6      0.7      0.7      0.7      0.8      0.8      0.8      0.9
    1.0      1.0      1.1      1.1      1.2      1.1      1.2      1.3      1.4      1.4
    1.5      1.5      1.6      1.5      1.5      1.4      1.3      1.2      1.0      0.9
    0.7      0.7      0.5      0.5      0.3      0.3    -99.0    -99.0    -99.0
30 -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0
    0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.3      0.3      0.3
    0.3      0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.5
    0.5      0.6      0.6      0.6      0.7      0.7      0.7      0.9      0.9      0.9
    1.0      1.0      1.1      1.1      1.1      1.2      1.2      1.3      1.4      1.4
    1.4      1.4      1.6      1.5      1.5      1.4      1.4      1.1      1.0      0.9
    0.7      0.6      0.5      0.4      0.3      0.3    -99.0    -99.0    -99.0
31 -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1
    0.0      0.1      0.1      0.1      0.2      0.3      0.3      0.3      0.3      0.3
    0.3      0.4      0.4      0.4      0.4      0.5      0.4      0.5      0.5      0.5
    0.5      0.5      0.6      0.6      0.7      0.7      0.8      0.8      0.8      0.9
    0.9      1.0      1.0      1.1      1.1      1.1      1.2      1.3      1.3      1.3
    1.4      1.4      1.5      1.5      1.5      1.4      1.3      1.2      1.0      0.9
    0.8      0.6      0.5      0.4      0.2      0.2    -99.0    -99.0    -99.0
32 -99.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1
    0.1      0.1      0.2      0.2      0.2      0.2      0.3      0.3      0.3      0.3
    0.3      0.3      0.3      0.4      0.4      0.5      0.4      0.5      0.5      0.5
```

```
      0.5       0.6       0.5       0.6       0.6       0.7       0.8       0.8       0.9       0.9
      0.9       0.9       1.0       1.1       1.1       1.1       1.2       1.3       1.3       1.3
      1.4       1.4       1.4       1.5       1.4       1.4       1.2       1.2       1.0       0.9
      0.8       0.6       0.4       0.4       0.3       0.3     -99.0     -99.0     -99.0
 33 -99.0       0.0       0.0       0.0       0.1       0.0       0.1       0.1       0.0       0.0
      0.0       0.1       0.1       0.1       0.2       0.2       0.2       0.3       0.3       0.3
      0.3       0.3       0.4       0.3       0.3       0.4       0.4       0.5       0.4       0.5
      0.5       0.5       0.5       0.6       0.6       0.6       0.8       0.8       0.8       0.8
      0.9       0.9       1.0       1.0       1.0       1.1       1.2       1.2       1.2       1.3
      1.3       1.4       1.4       1.4       1.4       1.3       1.2       1.1       1.0       0.8
      0.7       0.5       0.5       0.3       0.2       0.2     -99.0     -99.0     -99.0
 34 -99.0       0.0       0.0       0.0       0.0       0.1       0.1       0.0       0.1       0.0
      0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.3       0.2       0.3
      0.3       0.4       0.3       0.4       0.4       0.4       0.4       0.5       0.5       0.5
      0.4       0.5       0.6       0.6       0.6       0.7       0.7       0.7       0.8       0.9
      0.9       0.9       1.0       1.0       1.0       1.1       1.1       1.2       1.2       1.2
      1.3       1.3       1.3       1.4       1.3       1.3       1.2       1.1       0.9       0.8
      0.7       0.5       0.4       0.3       0.3       0.2     -99.0     -99.0     -99.0
 35 -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0       0.0
      0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.2       0.3       0.3
      0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.4       0.4       0.4
      0.5       0.5       0.5       0.5       0.6       0.6       0.7       0.8       0.8       0.9
      0.8       0.9       0.9       0.9       1.0       0.9       1.1       1.1       1.1       1.1
      1.2       1.2       1.3       1.3       1.2       1.3       1.2       1.1       0.9       0.8
      0.7       0.5       0.4       0.3       0.2       0.2     -99.0     -99.0     -99.0
 36 -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0
      0.1       0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.3
      0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.4       0.5       0.4
      0.5       0.5       0.5       0.5       0.6       0.6       0.7       0.7       0.7       0.8
      0.8       0.8       0.8       0.9       1.0       0.9       0.9       1.0       1.1       1.1
      1.1       1.2       1.2       1.2       1.1       1.2       1.1       1.0       0.8       0.7
      0.6       0.5       0.3       0.3       0.2     -99.0     -99.0     -99.0     -99.0
 37 -99.0       0.0       0.0       0.1       0.0       0.0       0.1       0.1       0.1       0.1
      0.1       0.0       0.2       0.1       0.1       0.2       0.2       0.3       0.2       0.2
      0.3       0.3       0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.4
      0.4       0.4       0.5       0.5       0.6       0.6       0.6       0.7       0.8       0.7
      0.8       0.8       0.9       0.9       0.9       0.9       0.9       1.0       1.0       1.0
      1.1       1.0       1.1       1.1       1.1       1.1       1.0       1.0       0.8       0.7
      0.5       0.4       0.3       0.3       0.2     -99.0     -99.0     -99.0     -99.0
 38 -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0       0.1
      0.0       0.0       0.2       0.2       0.1       0.2       0.2       0.3       0.2       0.2
      0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.4       0.4
      0.4       0.4       0.4       0.5       0.5       0.5       0.6       0.6       0.7       0.7
      0.8       0.8       0.8       0.8       0.8       0.8       0.9       0.9       0.9       0.9
      0.9       1.1       1.0       1.0       1.1       1.0       1.0       0.9       0.8       0.6
      0.5       0.4       0.4       0.2       0.2     -99.0     -99.0     -99.0     -99.0
 39 -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1
      0.0       0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.3
      0.2       0.2       0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.4
      0.4       0.4       0.5       0.5       0.5       0.5       0.5       0.6       0.7       0.7
      0.7       0.7       0.7       0.7       0.7       0.7       0.8       0.9       0.8       0.9
      0.9       0.9       0.9       1.0       0.9       0.9       0.9       0.9       0.7       0.6
      0.4       0.3       0.3       0.2       0.2     -99.0     -99.0     -99.0     -99.0
 40 -99.0       0.0       0.0       0.0       0.1       0.0       0.0       0.1       0.0       0.1
```

```
       0.1       0.0       0.1       0.1       0.2       0.1       0.1       0.2       0.2       0.2
       0.2       0.2       0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.3
       0.4       0.4       0.4       0.4       0.4       0.5       0.5       0.6       0.6       0.6
       0.7       0.7       0.7       0.7       0.7       0.7       0.8       0.8       0.8       0.8
       0.9       0.8       0.8       0.9       0.8       0.8       0.8       0.8       0.6       0.5
       0.3       0.3       0.3       0.2       0.2     -99.0     -99.0     -99.0     -99.0
41   -99.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0       0.0       0.0
       0.0       0.1       0.1       0.1       0.1       0.2       0.1       0.2       0.1       0.2
       0.2       0.2       0.2       0.3       0.2       0.3       0.3       0.3       0.3       0.3
       0.4       0.4       0.4       0.4       0.4       0.5       0.5       0.5       0.6       0.6
       0.6       0.7       0.6       0.6       0.7       0.7       0.7       0.7       0.7       0.8
       0.8       0.8       0.8       0.8       0.8       0.7       0.7       0.6       0.5       0.4
       0.3       0.3       0.2       0.2       0.2     -99.0     -99.0     -99.0     -99.0
42   -99.0       0.1       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
       0.0       0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.2
       0.2       0.2       0.2       0.2       0.2       0.3       0.3       0.3       0.3       0.3
       0.3       0.4       0.3       0.4       0.4       0.4       0.5       0.5       0.5       0.5
       0.5       0.6       0.6       0.6       0.6       0.6       0.7       0.6       0.6       0.6
       0.6       0.7       0.7       0.7       0.7       0.7       0.7       0.6       0.5       0.3
       0.3       0.3       0.2       0.2       0.1     -99.0     -99.0     -99.0     -99.0
43   -99.0       0.0       0.1       0.0       0.1       0.0       0.1       0.0       0.0       0.0
       0.1       0.0       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.1
       0.2       0.1       0.2       0.2       0.2       0.2       0.3       0.3       0.3       0.3
       0.4       0.3       0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.5
       0.5       0.6       0.6       0.5       0.6       0.6       0.6       0.6       0.6       0.6
       0.6       0.6       0.6       0.6       0.6       0.6       0.5       0.5       0.4       0.4
       0.3       0.2       0.2       0.1       0.1     -99.0     -99.0     -99.0     -99.0
44   -99.0       0.0       0.0       0.0       0.1       0.0       0.0       0.0       0.0       0.0
       0.0       0.0       0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.2
       0.1       0.1       0.2       0.2       0.2       0.2       0.2       0.3       0.2       0.3
       0.3       0.3       0.3       0.3       0.4       0.4       0.5       0.5       0.5       0.4
       0.5       0.4       0.5       0.4       0.5       0.6       0.5       0.6       0.5       0.5
       0.5       0.6       0.6       0.6       0.5       0.5       0.5       0.4       0.4       0.3
       0.3       0.3       0.2       0.2     -99.0     -99.0     -99.0     -99.0     -99.0
45   -99.0       0.0       0.1       0.0       0.1       0.0       0.0       0.1       0.0       0.1
       0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.2
       0.1       0.2       0.2       0.2       0.2       0.2       0.3       0.2       0.3       0.2
       0.2       0.3       0.3       0.3       0.3       0.4       0.3       0.4       0.4       0.4
       0.4       0.4       0.5       0.5       0.5       0.4       0.5       0.5       0.4       0.5
       0.5       0.4       0.5       0.4       0.5       0.5       0.4       0.4       0.3       0.3
       0.3       0.2       0.2       0.2     -99.0     -99.0     -99.0     -99.0     -99.0
46   -99.0       0.1       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
       0.0       0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.1
       0.2       0.1       0.2       0.1       0.2       0.2       0.2       0.2       0.2       0.2
       0.2       0.3       0.3       0.2       0.3       0.3       0.3       0.3       0.3       0.4
       0.4       0.3       0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.4
       0.4       0.4       0.4       0.4       0.3       0.4       0.3       0.3       0.3       0.3
       0.2       0.2       0.2     -99.0     -99.0     -99.0     -99.0     -99.0     -99.0
47   -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
       0.0       0.0       0.1       0.1       0.1       0.1       0.2       0.1       0.2       0.2
       0.2       0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.2       0.3
       0.3       0.3       0.2       0.3       0.2       0.3       0.3       0.3       0.3       0.3
       0.4       0.3       0.3       0.3       0.4       0.4       0.3       0.4       0.4       0.4
       0.4       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.2       0.2
```

```
        0.2      0.2    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
48   -99.0      0.0      0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0
        0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.2      0.2
        0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.3      0.3      0.3
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.2      0.2
        0.2      0.1      0.1      0.1    -99.0    -99.0    -99.0    -99.0    -99.0
49   -99.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2
        0.2      0.1      0.2      0.2      0.1      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.3      0.2      0.2      0.2      0.2      0.2      0.3      0.3
        0.2      0.3      0.2      0.3      0.2      0.2      0.2      0.3      0.3      0.2
        0.2      0.2      0.3      0.3      0.2      0.2      0.2      0.1      0.2      0.1
        0.1      0.1      0.1      0.1      0.1      0.0      0.1    -99.0    -99.0
50   -99.0      0.1      0.0      0.1      0.0      0.0      0.0      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.1      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.1      0.1      0.1      0.2      0.1      0.2      0.1
        0.1      0.1      0.1      0.0      0.1      0.0      0.0      0.0    -99.0
51   -99.0      0.1      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0
        0.0      0.0      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.2
        0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.1      0.1      0.2
        0.2      0.2      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.1      0.2
        0.2      0.2      0.2      0.2      0.2      0.1      0.2      0.1      0.1      0.1
        0.1      0.0      0.1      0.1      0.0      0.0      0.1      0.0    -99.0
52   -99.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
        0.0      0.0      0.0      0.1      0.1      0.0      0.1      0.2      0.1      0.1
        0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.1      0.2
        0.2      0.2      0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.1
        0.1      0.2      0.2      0.2      0.2      0.2      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.1
        0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.0    -99.0
53   -99.0    -99.0      0.1      0.0      0.0      0.0      0.0      0.1      0.0      0.0
        0.0      0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1
        0.1      0.2      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.2
        0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.1      0.1      0.2
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.0
        0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0    -99.0
54   -99.0    -99.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0
        0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1      0.0      0.1
        0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.1      0.1      0.0
        0.0      0.0      0.0     -0.1      0.0      0.0      0.0      0.0    -99.0
55   -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.0      0.1
        0.1      0.1      0.1      0.1      0.0      0.1      0.1      0.0      0.1      0.1
        0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1
```

```
     0.0      0.1      0.0      0.1      0.0      0.1      0.1      0.0      0.0      0.0
     0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0     -0.1      0.0      0.0     -0.1      0.0    -99.0
56 -99.0    -99.0      0.1      0.0      0.1      0.1      0.0      0.0      0.0      0.1
     0.0      0.1      0.0      0.0      0.1      0.1      0.0      0.1      0.0      0.1
     0.0      0.0      0.0      0.1      0.1      0.0      0.0      0.0      0.1      0.0
     0.1      0.0      0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.0
     0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0      0.0     -0.1
     0.0      0.0      0.0      0.0      0.0     -0.1     -0.1     -0.1    -99.0
57 -99.0    -99.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1
     0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.1      0.1      0.0
     0.1      0.1      0.0      0.1      0.0      0.0      0.1      0.0      0.0      0.0
     0.0      0.1      0.1      0.1      0.0      0.0      0.0      0.1      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0     -0.1      0.0      0.0      0.0      0.0      0.0     -0.1
     0.0     -0.1      0.0      0.0     -0.1     -0.1     -0.1      0.0    -99.0
58 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    -0.1      0.0      0.0      0.0      0.0      0.0     -0.1      0.0     -0.1      0.0
     0.0      0.0      0.0     -0.1     -0.1     -0.1      0.0      0.0     -0.1     -0.1
    -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1    -99.0    -99.0
59 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
```

Model layer 6 (Drift and Eau Claire confining unit)

```
 1 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 2 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.1
     0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1
     0.1      0.0      0.0      0.1      0.0      0.0      0.1    -99.0    -99.0
 3 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.1      0.0      0.0
     0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
```

```
      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0
      0.1      0.0      0.0      0.1      0.0      0.1      0.1      0.0    -99.0
  4 -99.0    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.1      0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0
      0.1      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.1      0.0
      0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.1      0.1      0.1      0.2    -99.0    -99.0    -99.0
  5 -99.0    -99.0     -0.1      0.0      0.1      0.0      0.0      0.1      0.0      0.0
      0.1      0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1
      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0
      0.1      0.0      0.1      0.0      0.1      0.0      0.1      0.1      0.1      0.0
      0.1      0.1      0.0      0.0      0.0      0.1      0.0      0.1      0.0      0.1
      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2
      0.2      0.2      0.2      0.2      0.2      0.2    -99.0    -99.0    -99.0
  6 -99.0    -99.0     -0.4      0.0      0.0      0.0      0.0      0.1      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.1      0.1      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.1
      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.2      0.1      0.2      0.2      0.1      0.2      0.2      0.2
      0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.3      0.3      0.3
      0.3      0.3      0.2      0.2      0.3      0.3    -99.0    -99.0    -99.0
  7 -99.0    -99.0     -0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.0
      0.1      0.1      0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.1
      0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2
      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.2
      0.2      0.3      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3
      0.3      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
  8 -99.0    -99.0      0.3      0.0      0.0      0.1      0.0      0.0      0.0      0.0
      0.0      0.1      0.0      0.1      0.1      0.0      0.0      0.1      0.1      0.0
      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1
      0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.3
      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.4
      0.3      0.4      0.4      0.4      0.3      0.4      0.4      0.4      0.4      0.4
      0.4      0.5      0.4      0.4      0.4      0.4    -99.0    -99.0    -99.0
  9 -99.0    -99.0     -0.3      0.0      0.0      0.0      0.0      0.1      0.1      0.1
      0.1      0.0      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.2      0.2      0.1      0.1      0.2      0.1      0.1      0.2
      0.2      0.2      0.2      0.3      0.2      0.3      0.2      0.3      0.3      0.3
      0.3      0.3      0.4      0.3      0.4      0.4      0.4      0.4      0.5      0.5
      0.5      0.5      0.4      0.5      0.5      0.5      0.5      0.5      0.6      0.6
      0.6      0.6      0.5      0.5      0.5      0.3    -99.0    -99.0    -99.0
 10 -99.0    -99.0      0.1      0.0      0.0      0.0      0.1      0.1      0.0      0.1
      0.0      0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3
      0.2      0.3      0.2      0.3      0.3      0.3      0.4      0.3      0.4      0.4
      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.5      0.6      0.5
      0.5      0.6      0.6      0.6      0.6      0.6      0.6      0.6      0.7      0.7
      0.7      0.8      0.8      0.7      0.4     -1.4     -7.3    -99.0    -99.0
 11 -99.0    -99.0      0.1      0.0      0.0      0.0      0.1      0.0      0.1      0.0
      0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.2      0.2
      0.1      0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.3      0.2
```

```
         0.3        0.2        0.3        0.3        0.3        0.3        0.3        0.4        0.5        0.5
         0.5        0.4        0.5        0.5        0.5        0.5        0.6        0.6        0.6        0.6
         0.6        0.6        0.7        0.7        0.6        0.7        0.7        0.7        0.7        0.7
         0.8        0.9        0.9        0.9        0.7       -0.4      -99.0      -99.0      -99.0
12     -99.0      -99.0        0.1        0.0        0.0        0.0        0.0        0.1        0.0        0.0
         0.0        0.0        0.1        0.1        0.1        0.1        0.1        0.1        0.2        0.2
         0.1        0.2        0.2        0.2        0.2        0.2        0.3        0.3        0.3        0.3
         0.3        0.3        0.3        0.3        0.3        0.4        0.4        0.5        0.5        0.5
         0.6        0.6        0.6        0.5        0.6        0.7        0.7        0.7        0.7        0.7
         0.8        0.8        0.8        0.7        0.8        0.7        0.7        0.8        0.8        0.8
         0.8        0.9        0.9        0.9      -99.0      -99.0      -99.0      -99.0      -99.0
13     -99.0      -99.0        0.0        0.0        0.0        0.0        0.1        0.0        0.0        0.0
         0.1        0.0        0.1        0.1        0.1        0.1        0.1        0.1        0.1        0.2
         0.2        0.2        0.3        0.3        0.3        0.3        0.3        0.3        0.3        0.3
         0.3        0.3        0.3        0.4        0.5        0.5        0.5        0.5        0.5        0.5
         0.6        0.6        0.6        0.7        0.7        0.6        0.7        0.7        0.8        0.8
         0.8        0.8        0.9        0.8        0.8        0.9        0.8        0.8        0.8        0.8
         0.8        0.7        0.8      -99.0      -99.0      -99.0      -99.0      -99.0      -99.0
14     -99.0      -99.0        0.1        0.0        0.1        0.0        0.1        0.0        0.0        0.0
         0.1        0.1        0.1        0.1        0.1        0.2        0.2        0.2        0.1        0.2
         0.3        0.2        0.3        0.3        0.3        0.3        0.3        0.4        0.3        0.3
         0.3        0.4        0.4        0.4        0.4        0.5        0.5        0.5        0.6        0.6
         0.7        0.7        0.7        0.7        0.7        0.8        0.8        0.8        0.8        0.9
         0.9        0.8        0.9        0.9        0.9        0.8        0.9        0.8        0.8        0.7
         0.8        0.8        0.7      -99.0      -99.0      -99.0      -99.0      -99.0      -99.0
15     -99.0      -99.0        0.0        0.1        0.0        0.0        0.0        0.1        0.1        0.1
         0.0        0.1        0.1        0.2        0.2        0.2        0.2        0.2        0.2        0.2
         0.3        0.2        0.3        0.2        0.3        0.3        0.4        0.4        0.4        0.4
         0.4        0.5        0.4        0.5        0.5        0.5        0.5        0.6        0.6        0.6
         0.7        0.7        0.7        0.8        0.8        0.8        0.8        0.9        0.9        0.9
         1.0        0.9        1.0        0.9        0.9        0.9        0.9        0.9        0.8        0.7
         0.7        0.7        0.6        0.5      -99.0      -99.0      -99.0      -99.0      -99.0
16     -99.0      -99.0        0.0        0.0        0.0        0.0        0.0        0.0        0.0        0.1
         0.0        0.1        0.1        0.1        0.2        0.1        0.1        0.2        0.2        0.2
         0.2        0.2        0.2        0.3        0.3        0.3        0.4        0.4        0.4        0.4
         0.4        0.5        0.5        0.5        0.6        0.5        0.6        0.6        0.6        0.7
         0.7        0.7        0.7        0.8        0.8        0.9        0.9        0.9        1.0        1.0
         1.0        1.0        1.0        1.0        1.0        0.9        0.9        0.9        0.8        0.7
         0.7        0.6        0.5        0.5        0.4      -99.0      -99.0      -99.0      -99.0
17     -99.0      -99.0        0.0        0.0        0.1        0.0        0.0        0.0        0.1        0.1
         0.1        0.1        0.1        0.2        0.1        0.2        0.2        0.2        0.2        0.2
         0.3        0.3        0.3        0.3        0.3        0.3        0.4        0.4        0.4        0.5
         0.5        0.4        0.5        0.4        0.5        0.5        0.6        0.6        0.7        0.7
         0.8        0.8        0.8        0.8        0.8        0.9        0.9        0.9        0.9        1.0
         1.1        1.0        1.1        1.0        1.0        1.0        0.9        0.9        0.8        0.7
         0.6        0.6        0.6        0.5        0.4      -99.0      -99.0      -99.0      -99.0
18     -99.0      -99.0        0.0        0.0        0.1        0.1        0.1        0.0        0.1        0.1
         0.1        0.1        0.1        0.1        0.1        0.2        0.2        0.2        0.2        0.3
         0.3        0.3        0.3        0.3        0.3        0.4        0.4        0.4        0.4        0.4
         0.5        0.5        0.4        0.5        0.6        0.6        0.7        0.7        0.7        0.8
         0.8        0.8        0.8        0.8        0.9        1.0        1.0        1.0        1.0        1.0
         1.1        1.1        1.2        1.1        1.1        1.0        1.0        0.9        0.8        0.8
         0.7        0.6        0.5        0.5        0.4      -99.0      -99.0      -99.0      -99.0
19     -99.0      -99.0        0.0        0.0        0.1        0.0        0.0        0.0        0.0        0.0
```

```
         0.1       0.0       0.1       0.2       0.1       0.1       0.2       0.2       0.3       0.2
         0.3       0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.4       0.5
         0.5       0.5       0.5       0.5       0.6       0.6       0.7       0.7       0.7       0.7
         0.8       0.8       0.8       0.8       0.9       0.9       1.0       1.0       1.1       1.1
         1.2       1.2       1.2       1.1       1.1       1.1       1.0       0.9       0.8       0.7
         0.6       0.6       0.5       0.5       0.4     -99.0     -99.0     -99.0     -99.0
 20    -99.0     -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.1
         0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.3       0.3       0.3
         0.3       0.3       0.3       0.4       0.4       0.4       0.4       0.5       0.4       0.5
         0.4       0.5       0.5       0.5       0.5       0.6       0.6       0.7       0.7       0.8
         0.8       0.9       0.8       0.9       0.9       1.0       1.1       1.1       1.1       1.2
         1.2       1.2       1.3       1.3       1.2       1.1       1.1       0.9       0.8       0.8
         0.7       0.6       0.5       0.5       0.4     -99.0     -99.0     -99.0     -99.0
 21    -99.0     -99.0       0.0       0.1       0.0       0.1       0.0       0.0       0.1       0.0
         0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.2       0.2       0.3
         0.3       0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.5       0.5
         0.5       0.5       0.5       0.5       0.6       0.6       0.6       0.7       0.7       0.8
         0.9       0.9       0.9       0.9       1.0       1.0       1.1       1.1       1.2       1.2
         1.2       1.2       1.2       1.2       1.2       1.1       1.1       1.0       0.8       0.7
         0.7       0.6       0.5       0.4       0.5     -99.0     -99.0     -99.0     -99.0
 22    -99.0     -99.0       0.1       0.0       0.0       0.0       0.0       0.1       0.0       0.1
         0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.3       0.3       0.2
         0.3       0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.4       0.5
         0.5       0.5       0.5       0.5       0.6       0.7       0.6       0.7       0.7       0.8
         0.9       0.8       0.9       0.9       0.9       1.0       1.0       1.1       1.1       1.2
         1.2       1.2       1.2       1.3       1.2       1.2       1.1       0.9       0.9       0.8
         0.7       0.6       0.5       0.4       0.5     -99.0     -99.0     -99.0     -99.0
 23    -99.0     -99.0       0.1       0.0       0.0       0.0       0.1       0.0       0.0       0.0
         0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.3       0.3       0.3
         0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.5       0.5       0.4
         0.5       0.5       0.5       0.6       0.6       0.6       0.7       0.7       0.8       0.8
         0.8       0.9       0.9       1.0       0.9       1.0       1.1       1.1       1.1       1.2
         1.2       1.2       1.3       1.3       1.3       1.2       1.1       0.9       0.9       0.7
         0.7       0.6       0.5       0.5       0.4     -99.0     -99.0     -99.0     -99.0
 24    -99.0     -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1
         0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.3       0.3       0.3
         0.3       0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.4       0.5
         0.5       0.5       0.5       0.5       0.6       0.6       0.7       0.7       0.7       0.8
         0.8       0.8       0.9       1.0       0.9       1.1       1.0       1.1       1.1       1.3
         1.3       1.3       1.3       1.3       1.3       1.2       1.1       1.0       0.9       0.8
         0.7       0.6       0.5       0.5       0.4     -99.0     -99.0     -99.0     -99.0
 25    -99.0     -99.0       0.0       0.0       0.1       0.1       0.1       0.1       0.0       0.0
         0.1       0.1       0.2       0.1       0.2       0.2       0.3       0.3       0.3       0.3
         0.3       0.3       0.3       0.3       0.4       0.4       0.4       0.5       0.5       0.5
         0.5       0.5       0.5       0.6       0.6       0.6       0.7       0.7       0.8       0.8
         0.9       0.9       0.9       0.9       1.0       1.0       1.0       1.1       1.2       1.3
         1.2       1.3       1.3       1.3       1.2       1.2       1.1       1.0       0.8       0.7
         0.7       0.6       0.5       0.4       0.4     -99.0     -99.0     -99.0     -99.0
 26    -99.0       0.0       0.0       0.0       0.0       0.1       0.1       0.1       0.1       0.1
         0.1       0.1       0.1       0.1       0.2       0.2       0.3       0.3       0.3       0.3
         0.3       0.3       0.3       0.4       0.3       0.4       0.4       0.5       0.5       0.4
         0.5       0.5       0.6       0.6       0.6       0.6       0.7       0.7       0.8       0.8
         0.8       0.8       0.8       0.9       1.0       1.0       1.1       1.1       1.2       1.2
         1.2       1.2       1.3       1.3       1.3       1.2       1.1       1.0       0.9       0.7
```

```
    0.6     0.6     0.5     0.4     0.4     0.3    -99.0   -99.0   -99.0
27 -99.0    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1
    0.1     0.2     0.1     0.2     0.2     0.2     0.3     0.3     0.3     0.3
    0.3     0.3     0.4     0.4     0.4     0.4     0.4     0.4     0.4     0.5
    0.5     0.5     0.5     0.5     0.6     0.6     0.7     0.7     0.8     0.7
    0.8     0.8     0.9     0.9     1.0     1.0     1.1     1.1     1.2     1.2
    1.2     1.2     1.3     1.3     1.3     1.2     1.1     0.9     0.8     0.8
    0.7     0.5     0.5     0.4     0.3     0.3    -99.0   -99.0   -99.0
28 -99.0    0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.1
    0.1     0.1     0.2     0.2     0.2     0.2     0.2     0.3     0.3     0.3
    0.3     0.3     0.4     0.4     0.4     0.4     0.5     0.5     0.5     0.4
    0.4     0.5     0.5     0.6     0.6     0.6     0.6     0.8     0.7     0.8
    0.8     0.8     0.9     0.9     1.0     1.0     1.0     1.1     1.1     1.1
    1.2     1.3     1.3     1.2     1.2     1.2     1.1     1.0     0.8     0.7
    0.7     0.6     0.5     0.4     0.3     0.3    -99.0   -99.0   -99.0
29 -99.0    0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.1
    0.1     0.1     0.1     0.1     0.2     0.2     0.2     0.2     0.3     0.3
    0.3     0.3     0.3     0.4     0.4     0.4     0.3     0.4     0.5     0.5
    0.5     0.5     0.5     0.5     0.6     0.6     0.7     0.7     0.7     0.8
    0.8     0.8     0.8     1.0     0.9     1.0     1.1     1.1     1.1     1.1
    1.2     1.2     1.3     1.3     1.3     1.2     1.0     1.0     0.9     0.8
    0.6     0.5     0.5     0.5     0.4     0.3    -99.0   -99.0   -99.0
30 -99.0    0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.1     0.1
    0.1     0.2     0.2     0.1     0.2     0.2     0.2     0.2     0.2     0.3
    0.3     0.3     0.3     0.3     0.4     0.4     0.3     0.4     0.4     0.5
    0.5     0.5     0.5     0.6     0.6     0.6     0.7     0.7     0.8     0.8
    0.8     0.8     0.9     0.9     0.9     0.9     1.0     1.1     1.2     1.2
    1.2     1.2     1.3     1.3     1.3     1.2     1.1     1.0     0.9     0.7
    0.7     0.5     0.5     0.4     0.3     0.3    -99.0   -99.0   -99.0
31 -99.0    0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.1
    0.1     0.1     0.1     0.1     0.2     0.2     0.3     0.3     0.2     0.3
    0.3     0.3     0.3     0.3     0.4     0.4     0.4     0.4     0.5     0.4
    0.4     0.5     0.5     0.5     0.5     0.6     0.6     0.7     0.7     0.8
    0.8     0.9     0.8     0.9     0.9     0.9     1.1     1.0     1.1     1.1
    1.2     1.2     1.2     1.3     1.2     1.2     1.1     1.0     0.8     0.7
    0.7     0.6     0.5     0.4     0.3     0.3    -99.0   -99.0   -99.0
32 -99.0    0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.1     0.1
    0.1     0.1     0.2     0.2     0.2     0.2     0.2     0.2     0.3     0.2
    0.3     0.3     0.3     0.3     0.3     0.4     0.4     0.4     0.4     0.5
    0.5     0.4     0.4     0.5     0.6     0.6     0.7     0.7     0.7     0.7
    0.8     0.8     0.8     0.8     0.9     0.9     1.0     1.1     1.0     1.1
    1.2     1.2     1.2     1.2     1.1     1.1     1.0     1.0     0.8     0.7
    0.6     0.5     0.5     0.3     0.3     0.3    -99.0   -99.0   -99.0
33 -99.0    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0
    0.1     0.1     0.1     0.2     0.2     0.2     0.2     0.3     0.3     0.3
    0.3     0.3     0.4     0.3     0.3     0.3     0.3     0.4     0.4     0.5
    0.5     0.5     0.5     0.5     0.6     0.6     0.6     0.6     0.7     0.7
    0.8     0.8     0.8     0.8     0.9     0.9     1.0     1.0     1.0     1.1
    1.1     1.1     1.2     1.1     1.2     1.1     1.1     0.9     0.9     0.7
    0.6     0.5     0.4     0.4     0.3     0.3    -99.0   -99.0   -99.0
34 -99.0    0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.1
    0.0     0.2     0.1     0.1     0.1     0.2     0.2     0.2     0.3     0.2
    0.2     0.3     0.3     0.3     0.3     0.3     0.4     0.4     0.4     0.4
    0.5     0.4     0.5     0.5     0.5     0.6     0.6     0.6     0.6     0.8
```

```
                 0.7      0.8      0.8      0.8      0.9      0.9      0.9      1.0      1.0      1.1
                 1.0      1.1      1.0      1.1      1.0      1.0      0.9      0.9      0.8      0.7
                 0.6      0.5      0.4      0.3      0.3      0.2    -99.0    -99.0    -99.0
   35  -99.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1
                 0.0      0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.3      0.3
                 0.3      0.3      0.3      0.3      0.4      0.3      0.4      0.4      0.3      0.4
                 0.4      0.4      0.5      0.5      0.6      0.6      0.5      0.7      0.6      0.7
                 0.7      0.7      0.8      0.7      0.8      0.9      0.9      0.9      0.9      1.0
                 1.0      1.1      1.0      1.0      1.1      1.0      0.9      0.9      0.8      0.7
                 0.5      0.5      0.4      0.3      0.3      0.3    -99.0    -99.0    -99.0
   36  -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
                 0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.3      0.3      0.2
                 0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.4
                 0.4      0.4      0.4      0.4      0.5      0.6      0.6      0.6      0.6      0.7
                 0.7      0.7      0.8      0.7      0.7      0.8      0.9      0.8      0.9      0.9
                 0.9      1.0      0.9      0.9      1.0      0.9      1.0      0.8      0.8      0.6
                 0.5      0.4      0.4      0.3      0.3    -99.0    -99.0    -99.0    -99.0
   37  -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0
                 0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2
                 0.2      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.4      0.4
                 0.4      0.4      0.4      0.5      0.5      0.5      0.5      0.6      0.6      0.6
                 0.7      0.7      0.7      0.7      0.7      0.8      0.8      0.8      0.8      0.9
                 0.9      0.9      0.9      0.9      0.9      0.9      0.9      0.8      0.7      0.5
                 0.5      0.4      0.3      0.3      0.2    -99.0    -99.0    -99.0    -99.0
   38  -99.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1
                 0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.2
                 0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
                 0.3      0.4      0.4      0.4      0.5      0.5      0.5      0.5      0.6      0.6
                 0.7      0.7      0.6      0.7      0.8      0.7      0.8      0.8      0.8      0.9
                 0.8      0.8      0.9      0.9      0.9      0.8      0.8      0.7      0.7      0.5
                 0.4      0.3      0.3      0.3      0.2    -99.0    -99.0    -99.0    -99.0
   39  -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
                 0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.2      0.2      0.2
                 0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
                 0.4      0.4      0.4      0.4      0.5      0.4      0.5      0.6      0.5      0.6
                 0.6      0.6      0.6      0.6      0.7      0.7      0.7      0.7      0.7      0.8
                 0.8      0.8      0.8      0.8      0.8      0.8      0.8      0.7      0.6      0.5
                 0.4      0.3      0.3      0.2      0.2    -99.0    -99.0    -99.0    -99.0
   40  -99.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0
                 0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2
                 0.2      0.2      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3
                 0.3      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.5      0.5
                 0.6      0.6      0.6      0.6      0.6      0.6      0.7      0.6      0.7      0.7
                 0.7      0.7      0.8      0.7      0.8      0.7      0.7      0.7      0.5      0.5
                 0.3      0.3      0.3      0.3      0.2    -99.0    -99.0    -99.0    -99.0
   41  -99.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.1
                 0.0      0.0      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.2
                 0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2      0.3
                 0.3      0.3      0.3      0.4      0.4      0.4      0.4      0.4      0.5      0.5
                 0.5      0.5      0.6      0.5      0.6      0.6      0.5      0.6      0.6      0.6
                 0.6      0.6      0.7      0.7      0.6      0.7      0.6      0.5      0.5      0.4
                 0.3      0.3      0.3      0.2      0.2    -99.0    -99.0    -99.0    -99.0
   42  -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1
                 0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2
```

```
         0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.3     0.3
         0.3     0.3     0.3     0.3     0.4     0.4     0.4     0.4     0.4     0.5
         0.5     0.5     0.5     0.6     0.5     0.5     0.5     0.5     0.6     0.6
         0.6     0.6     0.5     0.6     0.6     0.6     0.6     0.5     0.4     0.3
         0.2     0.3     0.3     0.2     0.2   -99.0   -99.0   -99.0   -99.0
43     -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.1
         0.0     0.1     0.0     0.0     0.1     0.1     0.1     0.1     0.2     0.2
         0.1     0.2     0.2     0.2     0.2     0.2     0.2     0.3     0.3     0.3
         0.3     0.3     0.3     0.3     0.4     0.4     0.4     0.4     0.4     0.4
         0.4     0.4     0.4     0.4     0.5     0.5     0.5     0.6     0.5     0.5
         0.5     0.6     0.5     0.5     0.6     0.5     0.5     0.4     0.3     0.3
         0.2     0.2     0.2     0.2     0.2   -99.0   -99.0   -99.0   -99.0
44     -99.0     0.1     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.1
         0.1     0.0     0.0     0.1     0.1     0.1     0.1     0.1     0.2     0.1
         0.1     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.3
         0.3     0.3     0.3     0.3     0.3     0.3     0.4     0.3     0.4     0.4
         0.4     0.4     0.4     0.4     0.5     0.4     0.5     0.4     0.5     0.5
         0.5     0.4     0.5     0.5     0.5     0.5     0.4     0.4     0.3     0.3
         0.3     0.2     0.2     0.2   -99.0   -99.0   -99.0   -99.0   -99.0
45     -99.0     0.1     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1
         0.1     0.0     0.0     0.1     0.1     0.1     0.1     0.1     0.1     0.1
         0.1     0.2     0.1     0.2     0.2     0.1     0.2     0.2     0.2     0.2
         0.2     0.2     0.3     0.2     0.3     0.3     0.3     0.4     0.4     0.4
         0.4     0.3     0.4     0.4     0.4     0.4     0.4     0.4     0.4     0.4
         0.4     0.4     0.4     0.4     0.4     0.4     0.3     0.3     0.3     0.2
         0.3     0.3     0.3     0.2   -99.0   -99.0   -99.0   -99.0   -99.0
46     -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0
         0.0     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1
         0.1     0.1     0.1     0.1     0.2     0.2     0.2     0.2     0.2     0.2
         0.2     0.3     0.2     0.2     0.2     0.3     0.2     0.3     0.3     0.3
         0.3     0.3     0.3     0.3     0.4     0.3     0.3     0.4     0.4     0.3
         0.3     0.4     0.3     0.3     0.3     0.3     0.3     0.3     0.2     0.2
         0.2     0.2     0.1   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
47     -99.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.0     0.0
         0.1     0.1     0.1     0.1     0.0     0.1     0.1     0.1     0.1     0.1
         0.1     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2
         0.2     0.2     0.2     0.2     0.2     0.3     0.3     0.3     0.3     0.3
         0.3     0.3     0.3     0.3     0.3     0.3     0.3     0.3     0.3     0.3
         0.3     0.3     0.3     0.3     0.3     0.3     0.2     0.2     0.2     0.2
         0.1     0.1   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
48     -99.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.1     0.0
         0.1     0.0     0.0     0.1     0.1     0.1     0.1     0.1     0.2     0.1
         0.2     0.1     0.1     0.2     0.2     0.2     0.2     0.2     0.2     0.2
         0.2     0.2     0.2     0.2     0.3     0.2     0.3     0.2     0.2     0.2
         0.3     0.2     0.2     0.3     0.3     0.2     0.3     0.2     0.3     0.2
         0.3     0.3     0.3     0.2     0.3     0.2     0.2     0.2     0.1     0.2
         0.1     0.2     0.1     0.1   -99.0   -99.0   -99.0   -99.0   -99.0
49     -99.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.1
         0.0     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.2
         0.2     0.1     0.1     0.1     0.1     0.1     0.1     0.2     0.2     0.2
         0.2     0.2     0.2     0.1     0.1     0.2     0.2     0.2     0.2     0.2
         0.2     0.2     0.2     0.3     0.3     0.3     0.2     0.2     0.2     0.3
         0.3     0.2     0.2     0.2     0.1     0.2     0.1     0.2     0.1     0.2
         0.1     0.1     0.0     0.0     0.1     0.1     0.1   -99.0   -99.0
```

```
50 -99.0     0.0     0.0     0.1     0.0     0.1     0.1     0.1     0.0     0.1
      0.0     0.0     0.1     0.1     0.1     0.1     0.1     0.2     0.2     0.2
      0.1     0.1     0.2     0.1     0.1     0.2     0.1     0.1     0.1     0.1
      0.2     0.1     0.1     0.1     0.2     0.1     0.2     0.2     0.1     0.1
      0.2     0.2     0.1     0.2     0.2     0.1     0.2     0.2     0.1     0.2
      0.2     0.1     0.2     0.2     0.1     0.1     0.1     0.1     0.1     0.1
      0.1     0.0     0.1     0.0     0.1     0.1     0.0     0.0   -99.0
51 -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.0
      0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.1     0.2     0.1
      0.1     0.1     0.2     0.1     0.1     0.1     0.1     0.1     0.2     0.2
      0.1     0.1     0.2     0.2     0.2     0.1     0.1     0.2     0.1     0.2
      0.1     0.2     0.2     0.1     0.2     0.1     0.1     0.2     0.2     0.1
      0.2     0.1     0.2     0.1     0.1     0.1     0.1     0.1     0.0     0.0
      0.0     0.0     0.1     0.1     0.0     0.1     0.0     0.0   -99.0
52 -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1
      0.0     0.1     0.0     0.1     0.0     0.1     0.1     0.1     0.1     0.1
      0.1     0.1     0.1     0.1     0.1     0.2     0.1     0.2     0.1     0.1
      0.1     0.2     0.1     0.1     0.1     0.1     0.2     0.1     0.1     0.2
      0.1     0.1     0.1     0.1     0.1     0.2     0.2     0.1     0.1     0.1
      0.1     0.1     0.1     0.1     0.1     0.0     0.1     0.0     0.0     0.0
      0.0     0.0     0.1     0.1     0.0     0.0     0.0     0.0   -99.0
53 -99.0   -99.0     0.0     0.1     0.0     0.0     0.0     0.1     0.0     0.1
      0.0     0.1     0.0     0.1     0.0     0.1     0.1     0.1     0.0     0.1
      0.1     0.1     0.1     0.0     0.1     0.1     0.1     0.1     0.1     0.1
      0.1     0.0     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1
      0.1     0.1     0.1     0.0     0.1     0.1     0.0     0.1     0.1     0.1
      0.0     0.1     0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0
      0.0     0.0     0.0     0.0     0.0    -0.1     0.0     0.0   -99.0
54 -99.0   -99.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0
      0.0     0.1     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.0
      0.0     0.0     0.0     0.1     0.1     0.1     0.1     0.1     0.1     0.0
      0.1     0.1     0.0     0.0     0.1     0.0     0.1     0.1     0.0     0.1
      0.1     0.1     0.1     0.0     0.0     0.1     0.1     0.0     0.0     0.1
      0.1     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0
      0.0     0.0     0.0     0.0     0.0    -0.1    -0.1     0.0   -99.0
55 -99.0   -99.0     0.0     0.0     0.1     0.0     0.1     0.0     0.0     0.0
      0.0     0.0     0.0     0.1     0.0     0.0     0.1     0.0     0.1     0.1
      0.0     0.0     0.0     0.1     0.0     0.1     0.1     0.1     0.0     0.1
      0.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
      0.0     0.0     0.0     0.1     0.0     0.0     0.1     0.0     0.0     0.0
      0.0    -0.1     0.0     0.0     0.0     0.0     0.0    -0.1    -0.1    -0.1
     -0.1    -0.1     0.0    -0.1    -0.1    -0.1    -0.1    -0.1   -99.0
56 -99.0   -99.0     0.0     0.1     0.0     0.0     0.0     0.0     0.0     0.0
      0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
      0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0
      0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
      0.0     0.0     0.0     0.0     0.0    -0.1    -0.1    -0.1    -0.1     0.0
     -0.1    -0.1     0.0     0.0     0.0     0.0    -0.1    -0.1    -0.1    -0.1
     -0.1    -0.1    -0.1    -0.1    -0.1    -0.1    -0.1    -0.1   -99.0
57 -99.0   -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1
      0.0     0.0     0.0    -0.1     0.0     0.0     0.0     0.0     0.0     0.0
     -0.1     0.0     0.0     0.0     0.0     0.0     0.0    -0.1     0.0     0.0
      0.0     0.0     0.0     0.0    -0.1     0.0    -0.1    -0.1     0.0     0.0
      0.0    -0.1     0.0     0.0    -0.1    -0.1    -0.1    -0.1    -0.1    -0.1
```

```
      0.0      0.0     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2
     -0.1     -0.2     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1    -99.0
 58 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0     -0.1      0.0     -0.1     -0.1      0.0     -0.1      0.0      0.0
      0.0      0.0      0.0     -0.1      0.0      0.0      0.0      0.0      0.0      0.0
     -0.1      0.0     -0.1      0.0      0.0      0.0     -0.1     -0.1      0.0      0.0
     -0.1     -0.1     -0.1      0.0      0.0     -0.1     -0.1     -0.1     -0.1      0.0
     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.2     -0.2     -0.2
     -0.1     -0.2     -0.1     -0.1     -0.2     -0.1     -0.2    -99.0    -99.0
 59 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0


Model layer 7 (Drift and Eau Claire confining unit)

  1 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
  2 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.1
      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     -0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.1
      0.0      0.0      0.1      0.0      0.1      0.0      0.1    -99.0    -99.0
  3 -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.1      0.0      0.0
      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.1      0.1      0.0      0.0      0.0      0.0    -99.0
  4 -99.0    -99.0    -99.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1
      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
      0.0      0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
      0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.0      0.1      0.1
      0.1      0.1      0.2      0.2      0.1      0.1    -99.0    -99.0    -99.0
  5 -99.0    -99.0     -0.5      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.0
      0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.0      0.1
      0.1      0.1      0.0      0.1      0.1      0.1      0.0      0.1      0.1      0.1
      0.2      0.1      0.1      0.1      0.1      0.2      0.2      0.1      0.2      0.2
```

```
     0.2      0.2      0.2      0.2      0.2      0.2    -99.0    -99.0    -99.0
 6 -99.0    -99.0     -0.4      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.1      0.0
     0.0      0.1      0.1      0.1      0.1      0.0      0.1      0.0      0.0      0.0
     0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
     0.1      0.2      0.1      0.1      0.2      0.1      0.1      0.1      0.2      0.2
     0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2
     0.3      0.2      0.2      0.2      0.2      0.2    -99.0    -99.0    -99.0
 7 -99.0    -99.0     -0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.1      0.1      0.1
     0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
     0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2
     0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
     0.2      0.3      0.2      0.3      0.2      0.2      0.3      0.3      0.3      0.3
     0.3      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
 8 -99.0    -99.0      0.5      0.1      0.0      0.1      0.1      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.1
     0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1
     0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.3
     0.2      0.3      0.3      0.2      0.2      0.3      0.3      0.3      0.3      0.3
     0.3      0.3      0.4      0.3      0.4      0.4      0.4      0.4      0.4      0.3
     0.4      0.4      0.3      0.3      0.4      0.3    -99.0    -99.0    -99.0
 9 -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.2      0.1
     0.1      0.1      0.1      0.2      0.1      0.1      0.2      0.2      0.2      0.1
     0.1      0.2      0.2      0.2      0.3      0.3      0.3      0.3      0.3      0.3
     0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.3      0.4      0.4
     0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.4      0.5      0.5
     0.5      0.5      0.5      0.5      0.3      0.2    -99.0    -99.0    -99.0
10 -99.0    -99.0      0.1      0.0      0.1      0.1      0.0      0.0      0.1      0.0
     0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1
     0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
     0.2      0.2      0.2      0.2      0.3      0.3      0.3      0.3      0.3      0.3
     0.3      0.3      0.4      0.3      0.4      0.4      0.4      0.4      0.4      0.4
     0.4      0.5      0.5      0.5      0.5      0.5      0.5      0.6      0.5      0.6
     0.6      0.6      0.6      0.5      0.2     -1.2     -4.7    -99.0    -99.0
11 -99.0    -99.0      0.0      0.0      0.1      0.0      0.1      0.1      0.1      0.0
     0.0      0.1      0.1      0.0      0.1      0.1      0.2      0.1      0.2      0.2
     0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.3
     0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.4
     0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.6
     0.5      0.5      0.5      0.5      0.5      0.6      0.6      0.6      0.6      0.6
     0.7      0.7      0.7      0.6      0.3     -0.2    -99.0    -99.0    -99.0
12 -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0
     0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2
     0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2
     0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.4      0.4      0.4
     0.4      0.5      0.5      0.5      0.5      0.6      0.5      0.6      0.6      0.6
     0.6      0.7      0.6      0.7      0.6      0.6      0.6      0.7      0.6      0.6
     0.7      0.7      0.7      0.8    -99.0    -99.0    -99.0    -99.0    -99.0
13 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1
     0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.1      0.2
     0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2      0.3
     0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.4      0.4      0.5
```

```
    0.5       0.5      0.6      0.6      0.6      0.6      0.6      0.6      0.6      0.6
    0.6       0.7      0.7      0.7      0.7      0.7      0.7      0.7      0.7      0.6
    0.6       0.7      0.6    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
14 -99.0    -99.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.1
    0.0       0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2
    0.3       0.2      0.3      0.2      0.3      0.2      0.3      0.3      0.3      0.3
    0.3       0.4      0.4      0.4      0.4      0.4      0.5      0.4      0.5      0.5
    0.5       0.6      0.6      0.6      0.6      0.6      0.7      0.7      0.7      0.7
    0.7       0.7      0.8      0.8      0.7      0.7      0.7      0.7      0.6      0.7
    0.6       0.6      0.6    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
15 -99.0    -99.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.1
    0.1       0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.2
    0.2       0.2      0.2      0.2      0.2      0.3      0.3      0.3      0.3      0.3
    0.4       0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.6      0.6
    0.6       0.6      0.6      0.6      0.6      0.7      0.7      0.7      0.8      0.7
    0.8       0.8      0.8      0.8      0.8      0.7      0.7      0.7      0.6      0.6
    0.6       0.6      0.5      0.5    -99.0    -99.0    -99.0    -99.0    -99.0
16 -99.0    -99.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.1
    0.1       0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.2
    0.2       0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
    0.4       0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.6      0.5
    0.6       0.6      0.6      0.7      0.6      0.7      0.7      0.7      0.7      0.8
    0.8       0.8      0.8      0.8      0.8      0.8      0.8      0.7      0.7      0.6
    0.6       0.5      0.5      0.5      0.4    -99.0    -99.0    -99.0    -99.0
17 -99.0    -99.0      0.1      0.0      0.1      0.0      0.0      0.1      0.0      0.0
    0.1       0.1      0.1      0.1      0.1      0.2      0.2      0.1      0.2      0.2
    0.2       0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.3
    0.4       0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.5      0.6
    0.6       0.7      0.7      0.6      0.7      0.7      0.7      0.8      0.8      0.8
    0.9       0.9      0.8      0.9      0.9      0.8      0.8      0.8      0.7      0.7
    0.6       0.6      0.5      0.5      0.4    -99.0    -99.0    -99.0    -99.0
18 -99.0    -99.0      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.1
    0.1       0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2
    0.2       0.2      0.3      0.3      0.3      0.3      0.3      0.4      0.3      0.3
    0.4       0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.6      0.5
    0.7       0.6      0.7      0.7      0.7      0.7      0.8      0.8      0.8      0.8
    0.9       0.9      0.9      0.9      0.8      0.9      0.8      0.8      0.7      0.6
    0.6       0.5      0.5      0.4      0.4    -99.0    -99.0    -99.0    -99.0
19 -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.1      0.0      0.1
    0.0       0.0      0.1      0.2      0.2      0.2      0.2      0.2      0.3      0.2
    0.2       0.3      0.3      0.3      0.3      0.4      0.4      0.3      0.4      0.4
    0.4       0.4      0.4      0.4      0.4      0.5      0.6      0.6      0.6      0.7
    0.6       0.7      0.7      0.7      0.7      0.8      0.8      0.8      0.8      0.8
    0.8       0.9      1.0      0.9      0.9      0.9      0.8      0.8      0.7      0.6
    0.5       0.6      0.5      0.4      0.4    -99.0    -99.0    -99.0    -99.0
20 -99.0    -99.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.1
    0.0       0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.3
    0.3       0.3      0.3      0.3      0.3      0.3      0.4      0.4      0.4      0.4
    0.4       0.4      0.5      0.5      0.5      0.5      0.5      0.5      0.6      0.7
    0.7       0.7      0.7      0.8      0.8      0.8      0.9      0.8      0.9      0.9
    0.9       0.9      1.0      1.0      1.0      0.9      0.8      0.8      0.7      0.6
    0.6       0.5      0.5      0.4      0.5    -99.0    -99.0    -99.0    -99.0
21 -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1
    0.1       0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.3
```

```
      0.3       0.3       0.3       0.3       0.4       0.3       0.3       0.4       0.4       0.4
      0.4       0.4       0.5       0.5       0.5       0.6       0.5       0.5       0.6       0.6
      0.7       0.7       0.7       0.7       0.8       0.8       0.8       0.9       0.9       0.9
      1.0       1.0       0.9       1.0       1.0       0.9       0.9       0.8       0.7       0.6
      0.5       0.5       0.5       0.5       0.4     -99.0     -99.0     -99.0     -99.0
22  -99.0     -99.0       0.0       0.0       0.1       0.0       0.0       0.1       0.0       0.1
      0.1       0.0       0.1       0.2       0.2       0.2       0.2       0.2       0.2       0.3
      0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.3       0.4
      0.4       0.5       0.4       0.5       0.4       0.5       0.5       0.6       0.6       0.7
      0.6       0.7       0.7       0.8       0.8       0.8       0.9       0.8       1.0       1.0
      1.0       1.0       1.0       1.0       1.0       0.9       0.9       0.8       0.8       0.6
      0.6       0.5       0.4       0.4       0.4     -99.0     -99.0     -99.0     -99.0
23  -99.0     -99.0       0.0       0.0       0.0       0.1       0.1       0.1       0.0       0.0
      0.1       0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.3       0.2
      0.2       0.3       0.3       0.4       0.3       0.4       0.4       0.4       0.4       0.4
      0.4       0.4       0.4       0.5       0.5       0.5       0.6       0.5       0.6       0.6
      0.7       0.7       0.7       0.7       0.8       0.8       0.8       0.9       0.9       0.9
      1.0       1.0       1.0       1.0       1.0       0.9       0.9       0.8       0.7       0.6
      0.5       0.5       0.4       0.4       0.4     -99.0     -99.0     -99.0     -99.0
24  -99.0     -99.0       0.0       0.0       0.0       0.1       0.0       0.1       0.1       0.1
      0.1       0.1       0.1       0.2       0.1       0.2       0.2       0.3       0.3       0.2
      0.3       0.3       0.3       0.3       0.3       0.4       0.4       0.4       0.4       0.4
      0.4       0.4       0.4       0.5       0.5       0.5       0.6       0.5       0.6       0.7
      0.6       0.7       0.8       0.7       0.7       0.8       0.8       0.9       0.9       1.0
      1.0       1.0       1.0       1.1       1.0       1.0       0.9       0.8       0.7       0.6
      0.5       0.6       0.5       0.5       0.4     -99.0     -99.0     -99.0     -99.0
25  -99.0     -99.0       0.1       0.1       0.0       0.0       0.0       0.0       0.1       0.0
      0.0       0.1       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3
      0.2       0.3       0.3       0.4       0.3       0.3       0.4       0.4       0.3       0.4
      0.4       0.5       0.5       0.5       0.5       0.5       0.6       0.6       0.6       0.6
      0.6       0.7       0.8       0.8       0.8       0.8       0.9       0.9       0.9       1.0
      1.0       1.0       1.0       1.1       1.0       1.0       0.9       0.8       0.7       0.7
      0.6       0.5       0.5       0.4       0.3     -99.0     -99.0     -99.0     -99.0
26  -99.0       0.0       0.0       0.0       0.1       0.0       0.0       0.0       0.1       0.0
      0.1       0.1       0.2       0.2       0.2       0.1       0.2       0.2       0.2       0.2
      0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.4       0.4       0.4
      0.4       0.4       0.5       0.4       0.5       0.6       0.6       0.6       0.6       0.6
      0.6       0.7       0.7       0.8       0.8       0.8       0.9       0.9       0.9       1.0
      1.0       1.0       1.1       1.1       1.0       0.9       0.9       0.8       0.8       0.6
      0.6       0.5       0.4       0.4       0.3       0.4     -99.0     -99.0     -99.0
27  -99.0       0.0       0.0       0.1       0.0       0.0       0.0       0.1       0.1       0.0
      0.1       0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.3
      0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.4
      0.4       0.4       0.4       0.5       0.5       0.5       0.5       0.6       0.6       0.6
      0.6       0.7       0.7       0.7       0.8       0.8       0.8       0.9       0.9       0.9
      1.0       1.0       1.1       1.0       1.0       0.9       0.9       0.8       0.7       0.6
      0.6       0.5       0.4       0.4       0.4       0.3     -99.0     -99.0     -99.0
28  -99.0       0.1       0.0       0.0       0.0       0.1       0.1       0.0       0.0       0.0
      0.1       0.1       0.1       0.1       0.2       0.1       0.3       0.2       0.2       0.3
      0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.4
      0.4       0.4       0.4       0.4       0.5       0.5       0.5       0.6       0.6       0.7
      0.7       0.7       0.7       0.7       0.8       0.8       0.8       0.9       0.9       0.9
      0.9       1.0       1.0       1.0       1.0       1.0       0.9       0.8       0.8       0.6
      0.5       0.5       0.5       0.4       0.4       0.3     -99.0     -99.0     -99.0
```

```
29 -99.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.0      0.0
     0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2
     0.2      0.3      0.3      0.3      0.3      0.3      0.4      0.4      0.4      0.3
     0.4      0.5      0.4      0.5      0.5      0.5      0.6      0.5      0.6      0.7
     0.7      0.7      0.7      0.8      0.7      0.8      0.8      0.8      0.9      0.9
     1.0      1.0      1.0      1.0      1.0      0.9      0.8      0.8      0.7      0.6
     0.5      0.5      0.4      0.4      0.3      0.3    -99.0    -99.0    -99.0
30 -99.0      0.0      0.1      0.1      0.0      0.0      0.1      0.1      0.0      0.1
     0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.2
     0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.4
     0.4      0.4      0.5      0.5      0.5      0.6      0.6      0.6      0.6      0.6
     0.6      0.6      0.7      0.7      0.8      0.8      0.8      0.8      0.8      0.9
     0.9      1.0      1.0      1.0      0.9      0.9      0.9      0.8      0.7      0.6
     0.6      0.5      0.5      0.4      0.3      0.3    -99.0    -99.0    -99.0
31 -99.0      0.0      0.0      0.0      0.1      0.0      0.1      0.0      0.1      0.0
     0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.3      0.2
     0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.4
     0.3      0.4      0.4      0.4      0.5      0.5      0.5      0.6      0.6      0.6
     0.7      0.7      0.7      0.7      0.7      0.8      0.8      0.8      0.9      0.9
     0.9      0.9      1.0      1.0      1.0      0.9      0.8      0.8      0.7      0.6
     0.6      0.5      0.5      0.4      0.3      0.4    -99.0    -99.0    -99.0
32 -99.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.1
     0.1      0.1      0.2      0.2      0.1      0.2      0.2      0.2      0.3      0.2
     0.2      0.3      0.3      0.3      0.3      0.4      0.3      0.3      0.4      0.3
     0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.6      0.6      0.6
     0.7      0.6      0.7      0.7      0.7      0.8      0.8      0.8      0.8      0.9
     1.0      0.9      0.9      1.0      0.9      0.9      0.8      0.7      0.7      0.6
     0.6      0.4      0.4      0.4      0.3      0.3    -99.0    -99.0    -99.0
33 -99.0      0.0      0.0      0.1      0.0      0.1      0.1      0.0      0.1      0.1
     0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.3
     0.2      0.2      0.2      0.3      0.3      0.3      0.3      0.4      0.4      0.3
     0.3      0.4      0.4      0.4      0.5      0.5      0.5      0.6      0.6      0.6
     0.6      0.6      0.6      0.7      0.8      0.7      0.7      0.8      0.8      0.8
     0.8      0.9      1.0      0.9      0.9      0.9      0.9      0.8      0.7      0.6
     0.5      0.4      0.4      0.3      0.3      0.3    -99.0    -99.0    -99.0
34 -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0
     0.0      0.0      0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2
     0.2      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
     0.4      0.4      0.4      0.5      0.5      0.5      0.5      0.5      0.6      0.5
     0.7      0.6      0.6      0.7      0.7      0.7      0.7      0.8      0.8      0.8
     0.9      0.8      0.9      0.9      0.9      0.8      0.8      0.8      0.6      0.6
     0.5      0.4      0.4      0.4      0.3      0.3    -99.0    -99.0    -99.0
35 -99.0      0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.1      0.0
     0.1      0.1      0.2      0.2      0.1      0.2      0.2      0.2      0.2      0.2
     0.3      0.3      0.2      0.2      0.3      0.3      0.3      0.3      0.3      0.3
     0.3      0.4      0.4      0.5      0.5      0.5      0.5      0.5      0.5      0.6
     0.6      0.6      0.6      0.7      0.7      0.7      0.7      0.7      0.8      0.8
     0.8      0.8      0.8      0.9      0.9      0.8      0.8      0.8      0.7      0.5
     0.5      0.4      0.4      0.3      0.2      0.2    -99.0    -99.0    -99.0
36 -99.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
     0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.1      0.2      0.2
     0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4
     0.3      0.3      0.4      0.4      0.4      0.4      0.5      0.5      0.5      0.6
     0.6      0.6      0.7      0.6      0.6      0.7      0.7      0.7      0.7      0.8
```

```
        0.7     0.8     0.8     0.8     0.8     0.8     0.7     0.7     0.6     0.5
        0.4     0.4     0.3     0.3     0.3   -99.0   -99.0   -99.0   -99.0
37    -99.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.1     0.0
        0.1     0.1     0.1     0.1     0.2     0.2     0.2     0.1     0.2     0.2
        0.2     0.3     0.3     0.2     0.3     0.2     0.3     0.3     0.3     0.3
        0.4     0.4     0.3     0.4     0.4     0.5     0.5     0.5     0.5     0.5
        0.5     0.6     0.6     0.6     0.6     0.7     0.6     0.7     0.7     0.7
        0.7     0.7     0.7     0.8     0.7     0.8     0.7     0.6     0.6     0.5
        0.5     0.3     0.3     0.3     0.2   -99.0   -99.0   -99.0   -99.0
38    -99.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.1     0.1
        0.0     0.1     0.1     0.1     0.1     0.2     0.1     0.1     0.2     0.2
        0.2     0.2     0.3     0.2     0.3     0.3     0.3     0.3     0.3     0.3
        0.3     0.4     0.3     0.4     0.4     0.5     0.4     0.5     0.5     0.5
        0.5     0.6     0.5     0.6     0.6     0.6     0.6     0.6     0.7     0.7
        0.7     0.7     0.7     0.7     0.7     0.7     0.6     0.6     0.5     0.4
        0.4     0.4     0.3     0.3     0.3   -99.0   -99.0   -99.0   -99.0
39    -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.1
        0.0     0.1     0.1     0.1     0.2     0.2     0.1     0.2     0.1     0.2
        0.2     0.2     0.2     0.2     0.3     0.3     0.3     0.3     0.3     0.3
        0.3     0.3     0.4     0.3     0.4     0.4     0.4     0.4     0.5     0.5
        0.5     0.5     0.5     0.6     0.5     0.5     0.6     0.6     0.6     0.6
        0.7     0.6     0.6     0.7     0.6     0.6     0.6     0.5     0.5     0.5
        0.4     0.3     0.3     0.3     0.2   -99.0   -99.0   -99.0   -99.0
40    -99.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.1
        0.0     0.1     0.1     0.2     0.1     0.2     0.1     0.1     0.1     0.2
        0.2     0.2     0.2     0.2     0.3     0.3     0.3     0.3     0.2     0.3
        0.3     0.3     0.3     0.3     0.4     0.4     0.4     0.4     0.5     0.4
        0.4     0.5     0.5     0.5     0.5     0.6     0.5     0.5     0.5     0.5
        0.5     0.6     0.6     0.6     0.6     0.6     0.6     0.5     0.4     0.4
        0.3     0.3     0.3     0.2     0.2   -99.0   -99.0   -99.0   -99.0
41    -99.0     0.1     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0
        0.0     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.2
        0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.3     0.2
        0.3     0.3     0.3     0.3     0.3     0.3     0.4     0.4     0.4     0.4
        0.4     0.4     0.5     0.5     0.5     0.4     0.4     0.5     0.5     0.5
        0.5     0.5     0.6     0.5     0.6     0.5     0.5     0.5     0.3     0.4
        0.3     0.3     0.2     0.3     0.2   -99.0   -99.0   -99.0   -99.0
42    -99.0     0.0     0.0     0.0     0.1     0.1     0.0     0.0     0.1     0.1
        0.1     0.1     0.0     0.1     0.1     0.1     0.2     0.1     0.1     0.2
        0.2     0.2     0.2     0.2     0.2     0.2     0.3     0.2     0.2     0.3
        0.2     0.3     0.3     0.3     0.3     0.4     0.3     0.4     0.3     0.4
        0.5     0.4     0.4     0.4     0.4     0.4     0.5     0.4     0.5     0.5
        0.5     0.4     0.4     0.5     0.5     0.4     0.5     0.4     0.4     0.3
        0.3     0.2     0.2     0.2     0.2   -99.0   -99.0   -99.0   -99.0
43    -99.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.1     0.0
        0.1     0.1     0.1     0.0     0.1     0.1     0.1     0.1     0.1     0.2
        0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.3
        0.2     0.3     0.3     0.3     0.3     0.3     0.3     0.3     0.3     0.4
        0.4     0.4     0.4     0.4     0.4     0.4     0.4     0.5     0.5     0.5
        0.4     0.5     0.5     0.5     0.4     0.4     0.4     0.3     0.3     0.3
        0.2     0.2     0.2     0.2     0.2   -99.0   -99.0   -99.0   -99.0
44    -99.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.1
        0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.2
        0.1     0.1     0.1     0.1     0.2     0.2     0.2     0.2     0.2     0.2
```

```
      0.2     0.3     0.3     0.3     0.3     0.3     0.3     0.3     0.3     0.3
      0.3     0.4     0.4     0.3     0.3     0.3     0.4     0.4     0.3     0.4
      0.4     0.4     0.4     0.4     0.4     0.4     0.3     0.4     0.3     0.2
      0.3     0.2     0.2     0.2   -99.0   -99.0   -99.0   -99.0   -99.0
45  -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
      0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1
      0.1     0.2     0.1     0.2     0.2     0.2     0.2     0.2     0.2     0.2
      0.2     0.2     0.3     0.2     0.2     0.3     0.3     0.3     0.3     0.3
      0.3     0.3     0.3     0.3     0.4     0.4     0.3     0.3     0.4     0.4
      0.4     0.4     0.3     0.4     0.4     0.3     0.3     0.3     0.3     0.3
      0.2     0.2     0.2     0.2   -99.0   -99.0   -99.0   -99.0   -99.0
46  -99.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.0
      0.1     0.1     0.1     0.1     0.0     0.1     0.1     0.1     0.1     0.1
      0.1     0.1     0.1     0.2     0.1     0.1     0.2     0.2     0.2     0.2
      0.2     0.3     0.3     0.2     0.2     0.3     0.3     0.3     0.3     0.3
      0.3     0.3     0.3     0.3     0.2     0.3     0.3     0.3     0.3     0.3
      0.3     0.3     0.3     0.3     0.3     0.3     0.2     0.2     0.2     0.2
      0.2     0.1     0.2   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
47  -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.1
      0.0     0.0     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.2
      0.1     0.1     0.1     0.1     0.2     0.2     0.2     0.2     0.1     0.2
      0.2     0.2     0.1     0.2     0.2     0.2     0.2     0.2     0.2     0.2
      0.3     0.3     0.3     0.3     0.2     0.3     0.2     0.2     0.3     0.2
      0.3     0.3     0.2     0.2     0.2     0.3     0.2     0.2     0.2     0.1
      0.2     0.2   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
48  -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.1
      0.0     0.1     0.1     0.0     0.1     0.1     0.1     0.1     0.1     0.1
      0.1     0.2     0.2     0.2     0.1     0.1     0.1     0.2     0.1     0.2
      0.2     0.2     0.1     0.2     0.2     0.2     0.2     0.2     0.2     0.2
      0.2     0.2     0.2     0.3     0.3     0.2     0.2     0.2     0.2     0.2
      0.2     0.2     0.2     0.2     0.2     0.1     0.1     0.2     0.1     0.2
      0.1     0.1     0.1     0.1   -99.0   -99.0   -99.0   -99.0   -99.0
49  -99.0     0.0     0.0     0.1     0.0     0.1     0.0     0.0     0.0     0.1
      0.0     0.1     0.1     0.0     0.1     0.1     0.1     0.1     0.1     0.1
      0.1     0.1     0.2     0.1     0.1     0.2     0.1     0.2     0.1     0.1
      0.1     0.2     0.1     0.2     0.1     0.1     0.1     0.2     0.2     0.2
      0.2     0.1     0.2     0.1     0.2     0.2     0.2     0.1     0.1     0.1
      0.1     0.2     0.2     0.1     0.2     0.1     0.2     0.1     0.2     0.1
      0.0     0.1     0.1     0.0     0.1     0.1     0.0   -99.0   -99.0
50  -99.0     0.0     0.1     0.1     0.0     0.0     0.1     0.0     0.0     0.1
      0.0     0.1     0.1     0.1     0.1     0.1     0.0     0.1     0.1     0.1
      0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1
      0.1     0.2     0.1     0.2     0.1     0.1     0.2     0.1     0.1     0.2
      0.1     0.2     0.1     0.1     0.1     0.2     0.1     0.1     0.2     0.1
      0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1
      0.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0   -99.0
51  -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.1     0.0
      0.0     0.1     0.1     0.0     0.1     0.1     0.0     0.1     0.1     0.1
      0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1
      0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1     0.1
      0.2     0.1     0.1     0.1     0.1     0.1     0.1     0.2     0.2     0.1
      0.1     0.1     0.1     0.1     0.1     0.1     0.0     0.0     0.1     0.1
      0.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0   -99.0
52  -99.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.0
```

```
        0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.1
        0.1      0.0      0.1      0.1      0.0      0.1      0.1      0.1      0.0      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.1
        0.1      0.1      0.1      0.1      0.1      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0     -0.1      0.0      0.0      0.0      0.0    -99.0
53    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1
        0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.0      0.1      0.1
        0.0      0.1      0.1      0.1      0.0      0.0      0.0      0.0      0.1      0.1
        0.0      0.1      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.0
        0.0      0.1      0.1      0.0      0.0      0.0      0.1      0.1      0.0      0.0
        0.1      0.0      0.1      0.0      0.0      0.1      0.0      0.0      0.0      0.0
        0.0      0.0      0.0     -0.1     -0.1      0.0      0.0      0.0    -99.0
54    -99.0    -99.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.1      0.0      0.1      0.1      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.1      0.1      0.1      0.1      0.0      0.0      0.1      0.0
        0.0      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0     -0.1     -0.1      0.0     -0.1      0.0
        0.0     -0.1     -0.1      0.0     -0.1     -0.1      0.0     -0.1    -99.0
55    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0     -0.1      0.0     -0.1      0.0      0.0     -0.1
       -0.1      0.0      0.0     -0.1     -0.1     -0.1      0.0     -0.1     -0.1     -0.1
       -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1    -99.0
56    -99.0    -99.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0
       -0.1     -0.1      0.0     -0.1      0.0      0.0     -0.1      0.0      0.0     -0.1
       -0.1      0.0     -0.1     -0.1      0.0      0.0      0.0      0.0      0.0      0.0
       -0.1      0.0     -0.1      0.0      0.0     -0.1      0.0     -0.1      0.0     -0.1
        0.0      0.0      0.0     -0.1     -0.1     -0.1     -0.1     -0.1      0.0     -0.1
       -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.1     -0.1     -0.1     -0.1
       -0.1     -0.1     -0.1     -0.1     -0.2     -0.1     -0.2     -0.2    -99.0
57    -99.0    -99.0      0.1      0.0      0.0      0.1      0.0      0.0      0.0     -0.1
        0.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1     -0.1      0.0
        0.0      0.0     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1      0.0
        0.0      0.0     -0.1     -0.1     -0.1      0.0      0.0      0.0     -0.1     -0.1
        0.0     -0.1     -0.1     -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.2
       -0.1     -0.1     -0.1     -0.1     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2
       -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2    -99.0
58    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0     -0.1     -0.1     -0.1     -0.1      0.0     -0.1      0.0      0.0     -0.1
       -0.1      0.0      0.0      0.0     -0.1     -0.1     -0.1     -0.1      0.0      0.0
       -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1
       -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.1     -0.1     -0.1
       -0.2     -0.1     -0.2     -0.1     -0.1     -0.2     -0.2     -0.2     -0.2     -0.2
       -0.2     -0.3     -0.2     -0.3     -0.2     -0.2     -0.3    -99.0    -99.0
59    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
      -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
```

```
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0


Model layer 8 (Drift and Eau Claire confining unit)

 1 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0
 2 -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0   -99.0     0.1
     0.0     0.0     0.1     0.0     0.0     0.1     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0    -0.1     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1
     0.0     0.0     0.0     0.0     0.0     0.0     0.1   -99.0   -99.0
 3 -99.0   -99.0   -99.0   -99.0   -99.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0
     0.0     0.1     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.0
     0.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.1     0.0
     0.1     0.0     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.1
     0.1     0.0     0.1     0.1     0.1     0.0     0.1     0.0   -99.0
 4 -99.0   -99.0   -99.0     0.0     0.1     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.1
     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.1     0.1
     0.0     0.0     0.0     0.0     0.1     0.1     0.0     0.0     0.1     0.0
     0.1     0.0     0.1     0.0     0.0     0.0     0.0     0.0     0.1     0.0
     0.0     0.1     0.0     0.0     0.1     0.0     0.1     0.1     0.1     0.1
     0.2     0.1     0.1     0.1     0.2     0.1   -99.0   -99.0   -99.0
 5 -99.0   -99.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.1     0.0     0.0     0.0     0.0     0.1
     0.0     0.1     0.0     0.1     0.1     0.1     0.0     0.0     0.0     0.1
     0.1     0.0     0.1     0.0     0.1     0.1     0.1     0.1     0.1     0.1
     0.1     0.1     0.1     0.1     0.0     0.1     0.1     0.1     0.1     0.1
     0.1     0.1     0.1     0.1     0.1     0.2     0.1     0.1     0.1     0.1
     0.2     0.1     0.2     0.2     0.2     0.2   -99.0   -99.0   -99.0
 6 -99.0   -99.0    -0.4     0.0     0.0     0.1     0.1     0.0     0.0     0.0
     0.0     0.0     0.1     0.0     0.1     0.0     0.1     0.0     0.1     0.1
     0.1     0.1     0.0     0.0     0.1     0.1     0.0     0.0     0.1     0.1
     0.1     0.1     0.1     0.1     0.1     0.2     0.1     0.1     0.1     0.2
     0.1     0.1     0.1     0.2     0.2     0.1     0.1     0.2     0.1     0.1
     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2     0.2
     0.2     0.2     0.2     0.3     0.2     0.2   -99.0   -99.0   -99.0
 7 -99.0   -99.0    -0.2     0.0     0.0     0.1     0.0     0.0     0.0     0.1
     0.1     0.0     0.1     0.0     0.0     0.1     0.1     0.1     0.1     0.1
     0.1     0.1     0.1     0.0     0.1     0.1     0.1     0.1     0.1     0.1
     0.1     0.1     0.1     0.1     0.1     0.1     0.2     0.1     0.1     0.2
     0.2     0.2     0.2     0.1     0.2     0.2     0.2     0.2     0.2     0.2
     0.2     0.2     0.2     0.2     0.2     0.2     0.3     0.2     0.3     0.2
     0.2     0.3     0.2     0.3     0.2     0.2   -99.0   -99.0   -99.0
```

```
 8 -99.0  -99.0    0.0    0.1    0.0    0.0    0.1    0.1    0.0    0.0
         0.0    0.0    0.1    0.0    0.1    0.1    0.1    0.0    0.1    0.1
         0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.1    0.2    0.1
         0.1    0.1    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2
         0.2    0.2    0.2    0.2    0.2    0.2    0.3    0.3    0.2    0.2
         0.2    0.3    0.3    0.2    0.3    0.3    0.3    0.3    0.3    0.3
         0.3    0.3    0.3    0.3    0.3    0.2  -99.0  -99.0  -99.0
 9 -99.0  -99.0    0.0    0.0    0.0    0.1    0.0    0.1    0.0    0.1
         0.0    0.1    0.0    0.1    0.1    0.1    0.1    0.0    0.1    0.1
         0.1    0.2    0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.1
         0.2    0.2    0.1    0.2    0.2    0.2    0.2    0.2    0.3    0.3
         0.2    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3
         0.4    0.3    0.3    0.3    0.3    0.3    0.3    0.4    0.4    0.4
         0.4    0.4    0.4    0.4    0.3    0.2  -99.0  -99.0  -99.0
10 -99.0  -99.0    0.0    0.0    0.1    0.0    0.1    0.1    0.1    0.1
         0.0    0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.1
         0.1    0.1    0.2    0.2    0.2    0.1    0.2    0.1    0.2    0.2
         0.1    0.2    0.2    0.2    0.2    0.2    0.3    0.3    0.3    0.3
         0.3    0.3    0.3    0.3    0.4    0.4    0.3    0.3    0.4    0.4
         0.4    0.3    0.4    0.4    0.4    0.4    0.4    0.4    0.5    0.5
         0.5    0.4    0.4    0.4    0.1   -0.8   -2.8  -99.0  -99.0
11 -99.0  -99.0    0.1    0.1    0.1    0.1    0.0    0.0    0.0    0.1
         0.0    0.1    0.1    0.0    0.1    0.2    0.1    0.1    0.2    0.2
         0.1    0.1    0.1    0.1    0.2    0.1    0.2    0.2    0.2    0.2
         0.2    0.3    0.3    0.2    0.3    0.3    0.3    0.3    0.3    0.3
         0.3    0.3    0.3    0.4    0.3    0.4    0.4    0.4    0.4    0.4
         0.4    0.4    0.4    0.5    0.5    0.5    0.5    0.5    0.4    0.5
         0.5    0.5    0.5    0.5    0.3    0.0  -99.0  -99.0  -99.0
12 -99.0  -99.0    0.1    0.0    0.0    0.0    0.1    0.0    0.0    0.1
         0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.1    0.1    0.2
         0.1    0.1    0.2    0.1    0.2    0.2    0.2    0.2    0.2    0.2
         0.3    0.3    0.2    0.3    0.2    0.3    0.3    0.3    0.3    0.4
         0.4    0.4    0.3    0.4    0.4    0.4    0.4    0.5    0.4    0.5
         0.5    0.4    0.5    0.5    0.5    0.5    0.5    0.5    0.5    0.5
         0.5    0.5    0.6    0.5  -99.0  -99.0  -99.0  -99.0  -99.0
13 -99.0  -99.0    0.0    0.0    0.1    0.0    0.0    0.1    0.0    0.0
         0.0    0.1    0.1    0.2    0.1    0.1    0.2    0.2    0.1    0.2
         0.2    0.2    0.2    0.2    0.2    0.3    0.3    0.2    0.2    0.2
         0.3    0.2    0.3    0.3    0.3    0.3    0.4    0.3    0.4    0.4
         0.4    0.4    0.4    0.4    0.5    0.5    0.4    0.5    0.5    0.5
         0.6    0.5    0.5    0.5    0.5    0.6    0.5    0.5    0.5    0.5
         0.5    0.5    0.5  -99.0  -99.0  -99.0  -99.0  -99.0  -99.0
14 -99.0  -99.0    0.0    0.0    0.1    0.1    0.0    0.1    0.1    0.0
         0.1    0.1    0.1    0.1    0.2    0.1    0.1    0.2    0.1    0.2
         0.2    0.2    0.3    0.2    0.2    0.2    0.3    0.3    0.2    0.3
         0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.4    0.4
         0.5    0.4    0.5    0.5    0.4    0.5    0.5    0.5    0.5    0.5
         0.5    0.5    0.6    0.6    0.5    0.6    0.5    0.6    0.5    0.5
         0.5    0.5    0.5  -99.0  -99.0  -99.0  -99.0  -99.0  -99.0
15 -99.0  -99.0    0.0    0.0    0.0    0.0    0.0    0.1    0.1    0.1
         0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.2    0.2
         0.2    0.2    0.2    0.3    0.2    0.3    0.3    0.2    0.2    0.3
         0.3    0.3    0.3    0.3    0.4    0.4    0.3    0.4    0.4    0.4
         0.4    0.5    0.4    0.5    0.5    0.5    0.6    0.5    0.6    0.6
```

```
       0.6        0.6        0.6        0.6        0.6        0.6        0.6        0.6        0.6        0.6
       0.5        0.5        0.4        0.5      -99.0      -99.0      -99.0      -99.0      -99.0
16   -99.0      -99.0        0.0        0.0        0.0        0.0        0.1        0.1        0.1        0.1
       0.0        0.1        0.1        0.1        0.1        0.1        0.2        0.1        0.2        0.2
       0.2        0.2        0.2        0.2        0.2        0.3        0.3        0.3        0.3        0.3
       0.3        0.3        0.3        0.3        0.3        0.4        0.4        0.4        0.5        0.5
       0.4        0.5        0.4        0.5        0.6        0.6        0.6        0.6        0.6        0.6
       0.6        0.6        0.6        0.7        0.7        0.6        0.6        0.6        0.6        0.5
       0.5        0.5        0.4        0.4        0.4      -99.0      -99.0      -99.0      -99.0
17   -99.0      -99.0        0.1        0.0        0.0        0.0        0.0        0.1        0.1        0.1
       0.1        0.1        0.1        0.1        0.2        0.2        0.1        0.2        0.2        0.2
       0.2        0.2        0.2        0.2        0.3        0.3        0.3        0.3        0.3        0.3
       0.4        0.3        0.4        0.4        0.4        0.4        0.4        0.4        0.5        0.5
       0.4        0.5        0.5        0.6        0.5        0.5        0.6        0.6        0.7        0.6
       0.6        0.7        0.7        0.7        0.6        0.7        0.7        0.6        0.6        0.5
       0.4        0.4        0.5        0.4        0.4      -99.0      -99.0      -99.0      -99.0
18   -99.0      -99.0        0.0        0.0        0.0        0.1        0.0        0.1        0.1        0.1
       0.1        0.1        0.2        0.1        0.1        0.2        0.1        0.2        0.2        0.2
       0.2        0.3        0.2        0.3        0.3        0.3        0.3        0.3        0.3        0.3
       0.3        0.4        0.3        0.4        0.4        0.3        0.4        0.4        0.5        0.4
       0.5        0.5        0.5        0.5        0.6        0.5        0.6        0.7        0.6        0.7
       0.7        0.7        0.7        0.6        0.6        0.7        0.6        0.6        0.5        0.5
       0.5        0.5        0.5        0.4        0.4      -99.0      -99.0      -99.0      -99.0
19   -99.0      -99.0        0.0        0.0        0.0        0.1        0.0        0.1        0.1        0.1
       0.1        0.1        0.1        0.2        0.2        0.1        0.2        0.2        0.2        0.2
       0.2        0.2        0.2        0.3        0.3        0.3        0.3        0.3        0.3        0.3
       0.3        0.3        0.3        0.3        0.4        0.4        0.4        0.5        0.5        0.5
       0.5        0.5        0.6        0.6        0.6        0.6        0.6        0.6        0.6        0.7
       0.7        0.7        0.7        0.7        0.7        0.7        0.6        0.6        0.5        0.5
       0.5        0.5        0.4        0.4        0.4      -99.0      -99.0      -99.0      -99.0
20   -99.0      -99.0        0.1        0.0        0.1        0.1        0.0        0.1        0.1        0.0
       0.1        0.2        0.1        0.1        0.2        0.2        0.2        0.2        0.2        0.3
       0.2        0.3        0.3        0.2        0.3        0.3        0.3        0.3        0.3        0.3
       0.3        0.3        0.3        0.4        0.4        0.4        0.4        0.4        0.5        0.5
       0.5        0.5        0.6        0.6        0.6        0.6        0.6        0.7        0.7        0.7
       0.8        0.7        0.7        0.7        0.7        0.7        0.7        0.6        0.6        0.5
       0.4        0.4        0.4        0.4        0.4      -99.0      -99.0      -99.0      -99.0
21   -99.0      -99.0        0.0        0.0        0.0        0.0        0.0        0.1        0.1        0.1
       0.1        0.1        0.1        0.2        0.2        0.2        0.2        0.2        0.2        0.2
       0.2        0.3        0.2        0.3        0.3        0.3        0.3        0.3        0.3        0.3
       0.3        0.4        0.4        0.4        0.4        0.5        0.4        0.5        0.5        0.5
       0.5        0.5        0.6        0.6        0.6        0.6        0.7        0.7        0.7        0.7
       0.7        0.8        0.7        0.7        0.7        0.7        0.7        0.6        0.6        0.5
       0.5        0.4        0.4        0.4        0.4      -99.0      -99.0      -99.0      -99.0
22   -99.0      -99.0        0.0        0.0        0.0        0.1        0.0        0.1        0.0        0.0
       0.1        0.1        0.2        0.2        0.1        0.1        0.2        0.2        0.2        0.2
       0.3        0.3        0.2        0.3        0.3        0.3        0.3        0.3        0.3        0.3
       0.3        0.3        0.4        0.4        0.4        0.4        0.4        0.5        0.5        0.5
       0.6        0.6        0.6        0.6        0.6        0.6        0.7        0.7        0.7        0.7
       0.8        0.7        0.8        0.8        0.8        0.7        0.7        0.6        0.6        0.6
       0.4        0.4        0.4        0.4        0.4      -99.0      -99.0      -99.0      -99.0
23   -99.0      -99.0        0.0        0.0        0.0        0.0        0.1        0.0        0.1        0.1
       0.1        0.1        0.1        0.2        0.2        0.2        0.1        0.2        0.2        0.2
       0.3        0.3        0.3        0.2        0.3        0.3        0.3        0.3        0.3        0.4
```

```
      0.3       0.3       0.3       0.3       0.4       0.5       0.4       0.4       0.5       0.5
      0.5       0.6       0.5       0.6       0.5       0.6       0.7       0.7       0.7       0.7
      0.8       0.7       0.8       0.8       0.7       0.7       0.7       0.6       0.5       0.5
      0.5       0.5       0.5       0.4       0.4     -99.0     -99.0     -99.0     -99.0
 24 -99.0     -99.0       0.0       0.0       0.0       0.0       0.1       0.1       0.1       0.0
      0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.3       0.2       0.3
      0.2       0.3       0.2       0.3       0.2       0.3       0.3       0.3       0.3       0.4
      0.3       0.3       0.3       0.3       0.4       0.4       0.5       0.4       0.5       0.5
      0.5       0.5       0.6       0.6       0.6       0.7       0.6       0.7       0.7       0.7
      0.7       0.8       0.8       0.8       0.8       0.7       0.7       0.6       0.6       0.5
      0.4       0.5       0.4       0.4       0.4     -99.0     -99.0     -99.0     -99.0
 25 -99.0     -99.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0       0.0
      0.1       0.1       0.1       0.1       0.2       0.1       0.2       0.2       0.3       0.2
      0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.4
      0.4       0.3       0.3       0.4       0.4       0.4       0.5       0.4       0.5       0.5
      0.5       0.5       0.5       0.6       0.6       0.6       0.6       0.7       0.7       0.7
      0.8       0.8       0.8       0.8       0.8       0.7       0.6       0.7       0.6       0.6
      0.5       0.4       0.4       0.4       0.3     -99.0     -99.0     -99.0     -99.0
 26 -99.0       0.0       0.0       0.0       0.1       0.0       0.1       0.0       0.0       0.1
      0.1       0.1       0.1       0.2       0.2       0.1       0.2       0.2       0.2       0.2
      0.2       0.2       0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.3
      0.4       0.4       0.3       0.4       0.4       0.4       0.5       0.4       0.5       0.5
      0.5       0.5       0.5       0.6       0.6       0.6       0.7       0.7       0.7       0.7
      0.7       0.7       0.8       0.8       0.8       0.7       0.7       0.6       0.6       0.5
      0.5       0.4       0.4       0.4       0.4       0.4     -99.0     -99.0     -99.0
 27 -99.0       0.0       0.0       0.0       0.0       0.1       0.0       0.0       0.1       0.1
      0.1       0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.3       0.2
      0.2       0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.4
      0.3       0.3       0.3       0.3       0.4       0.4       0.5       0.5       0.5       0.5
      0.5       0.5       0.5       0.6       0.6       0.6       0.6       0.6       0.7       0.7
      0.8       0.7       0.8       0.8       0.7       0.8       0.7       0.7       0.6       0.5
      0.5       0.5       0.4       0.4       0.4       0.3     -99.0     -99.0     -99.0
 28 -99.0       0.0       0.0       0.0       0.0       0.1       0.0       0.0       0.1       0.1
      0.1       0.1       0.2       0.1       0.2       0.1       0.2       0.2       0.2       0.2
      0.3       0.2       0.2       0.2       0.3       0.2       0.3       0.3       0.4       0.3
      0.3       0.4       0.3       0.4       0.5       0.4       0.5       0.5       0.5       0.5
      0.5       0.5       0.5       0.6       0.6       0.6       0.7       0.7       0.7       0.7
      0.7       0.7       0.7       0.8       0.8       0.7       0.7       0.6       0.6       0.6
      0.5       0.4       0.4       0.4       0.3       0.3     -99.0     -99.0     -99.0
 29 -99.0       0.0       0.1       0.0       0.1       0.0       0.1       0.1       0.1       0.1
      0.1       0.2       0.2       0.1       0.1       0.2       0.2       0.2       0.2       0.2
      0.2       0.3       0.2       0.2       0.2       0.2       0.3       0.3       0.3       0.3
      0.3       0.3       0.4       0.4       0.4       0.4       0.5       0.5       0.5       0.5
      0.6       0.5       0.6       0.5       0.6       0.6       0.7       0.6       0.7       0.7
      0.8       0.7       0.8       0.7       0.7       0.8       0.7       0.7       0.6       0.5
      0.4       0.4       0.4       0.4       0.4       0.3     -99.0     -99.0     -99.0
 30 -99.0       0.0       0.1       0.0       0.0       0.1       0.0       0.0       0.1       0.1
      0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.2       0.2       0.2
      0.2       0.2       0.3       0.2       0.3       0.3       0.2       0.3       0.3       0.3
      0.3       0.3       0.3       0.3       0.4       0.5       0.5       0.5       0.5       0.5
      0.5       0.5       0.6       0.6       0.5       0.6       0.6       0.6       0.7       0.7
      0.7       0.8       0.8       0.7       0.7       0.7       0.7       0.6       0.6       0.4
      0.5       0.4       0.4       0.4       0.3       0.3     -99.0     -99.0     -99.0
 31 -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.1       0.1
```

```
     0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.2       0.2       0.2
     0.2       0.2       0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.3
     0.3       0.3       0.4       0.4       0.4       0.4       0.5       0.4       0.5       0.5
     0.5       0.6       0.5       0.6       0.6       0.6       0.6       0.6       0.7       0.7
     0.7       0.7       0.7       0.8       0.7       0.7       0.6       0.6       0.5       0.5
     0.4       0.4       0.4       0.3       0.3       0.3     -99.0     -99.0     -99.0
32 -99.0       0.0       0.0       0.0       0.1       0.1       0.0       0.1       0.1       0.1
     0.1       0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.2       0.2
     0.3       0.3       0.2       0.3       0.3       0.3       0.3       0.2       0.3       0.3
     0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.5       0.4       0.5
     0.5       0.5       0.5       0.5       0.6       0.6       0.6       0.6       0.7       0.7
     0.7       0.7       0.7       0.7       0.7       0.7       0.6       0.6       0.6       0.5
     0.5       0.4       0.4       0.3       0.3       0.3     -99.0     -99.0     -99.0
33 -99.0       0.0       0.0       0.0       0.1       0.1       0.1       0.1       0.0       0.0
     0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.2       0.2
     0.2       0.2       0.3       0.3       0.2       0.3       0.3       0.3       0.3       0.3
     0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.5
     0.5       0.5       0.5       0.5       0.6       0.6       0.6       0.6       0.6       0.7
     0.6       0.6       0.7       0.7       0.7       0.7       0.6       0.6       0.6       0.4
     0.4       0.3       0.4       0.4       0.3       0.3     -99.0     -99.0     -99.0
34 -99.0       0.0       0.0       0.0       0.0       0.1       0.0       0.1       0.0       0.0
     0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.2       0.2
     0.2       0.2       0.2       0.2       0.3       0.2       0.3       0.3       0.3       0.3
     0.3       0.3       0.3       0.4       0.3       0.4       0.4       0.4       0.4       0.5
     0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.6       0.6       0.6
     0.6       0.6       0.7       0.6       0.6       0.7       0.7       0.6       0.5       0.4
     0.4       0.4       0.3       0.3       0.3       0.3     -99.0     -99.0     -99.0
35 -99.0       0.0       0.0       0.0       0.1       0.0       0.1       0.1       0.0       0.1
     0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.2       0.2
     0.2       0.2       0.3       0.3       0.2       0.3       0.3       0.2       0.3       0.3
     0.3       0.3       0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.5
     0.5       0.5       0.5       0.5       0.5       0.5       0.6       0.6       0.6       0.6
     0.6       0.6       0.6       0.7       0.6       0.6       0.6       0.6       0.5       0.5
     0.4       0.4       0.4       0.3       0.3       0.3     -99.0     -99.0     -99.0
36 -99.0       0.0       0.0       0.0       0.0       0.0       0.1       0.1       0.0       0.1
     0.1       0.1       0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.2
     0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.3       0.3       0.3
     0.3       0.3       0.3       0.3       0.3       0.4       0.3       0.4       0.5       0.4
     0.4       0.4       0.4       0.5       0.5       0.5       0.5       0.5       0.6       0.6
     0.6       0.6       0.6       0.6       0.6       0.6       0.6       0.5       0.5       0.4
     0.4       0.3       0.3       0.3       0.3     -99.0     -99.0     -99.0     -99.0
37 -99.0       0.0       0.0       0.1       0.0       0.0       0.1       0.0       0.0       0.1
     0.0       0.1       0.1       0.2       0.2       0.1       0.2       0.1       0.2       0.2
     0.2       0.2       0.2       0.3       0.2       0.2       0.2       0.3       0.2       0.2
     0.3       0.3       0.3       0.3       0.4       0.3       0.4       0.4       0.4       0.4
     0.5       0.4       0.5       0.4       0.5       0.5       0.5       0.6       0.5       0.5
     0.5       0.5       0.6       0.6       0.5       0.6       0.6       0.5       0.4       0.4
     0.4       0.3       0.3       0.3       0.3     -99.0     -99.0     -99.0     -99.0
38 -99.0       0.0       0.0       0.0       0.1       0.0       0.0       0.1       0.1       0.1
     0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.2       0.1
     0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.3       0.3       0.3
     0.3       0.3       0.2       0.3       0.3       0.3       0.4       0.4       0.4       0.4
     0.4       0.4       0.4       0.4       0.5       0.4       0.5       0.5       0.5       0.5
     0.5       0.5       0.6       0.5       0.6       0.5       0.6       0.4       0.4       0.4
```

```
    0.3    0.3    0.3    0.2    0.3  -99.0  -99.0  -99.0  -99.0
39 -99.0    0.0    0.0    0.0    0.0    0.0    0.1    0.0    0.0    0.1
    0.0    0.1    0.1    0.1    0.1    0.2    0.1    0.2    0.2    0.1
    0.2    0.1    0.2    0.3    0.2    0.2    0.3    0.3    0.2    0.3
    0.3    0.3    0.3    0.3    0.3    0.4    0.3    0.3    0.4    0.3
    0.4    0.4    0.4    0.4    0.4    0.4    0.5    0.4    0.4    0.4
    0.5    0.5    0.5    0.5    0.6    0.5    0.5    0.4    0.4    0.3
    0.4    0.3    0.2    0.3    0.2  -99.0  -99.0  -99.0  -99.0
40 -99.0    0.0    0.0    0.1    0.0    0.0    0.0    0.0    0.1    0.0
    0.1    0.1    0.1    0.1    0.1    0.2    0.1    0.2    0.1    0.2
    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.3
    0.2    0.3    0.2    0.3    0.3    0.3    0.3    0.3    0.4    0.4
    0.4    0.4    0.4    0.4    0.4    0.5    0.5    0.4    0.4    0.4
    0.4    0.5    0.5    0.5    0.4    0.4    0.5    0.4    0.3    0.3
    0.3    0.2    0.2    0.2    0.2  -99.0  -99.0  -99.0  -99.0
41 -99.0    0.0    0.0    0.0    0.1    0.0    0.1    0.0    0.1    0.1
    0.1    0.1    0.1    0.1    0.2    0.2    0.1    0.1    0.2    0.1
    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.3    0.2
    0.2    0.2    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.4
    0.4    0.4    0.4    0.4    0.4    0.3    0.4    0.4    0.4    0.4
    0.4    0.4    0.5    0.5    0.4    0.4    0.4    0.4    0.4    0.3
    0.3    0.2    0.2    0.2    0.2  -99.0  -99.0  -99.0  -99.0
42 -99.0    0.1    0.0    0.1    0.0    0.1    0.0    0.1    0.1    0.1
    0.0    0.0    0.0    0.1    0.1    0.1    0.2    0.1    0.2    0.1
    0.1    0.2    0.2    0.2    0.2    0.2    0.1    0.2    0.2    0.2
    0.3    0.2    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3
    0.3    0.3    0.3    0.4    0.3    0.4    0.3    0.3    0.3    0.3
    0.4    0.4    0.4    0.4    0.4    0.4    0.4    0.3    0.3    0.2
    0.3    0.3    0.3    0.2    0.2  -99.0  -99.0  -99.0  -99.0
43 -99.0    0.1    0.0    0.0    0.1    0.1    0.0    0.0    0.1    0.1
    0.1    0.0    0.0    0.1    0.1    0.1    0.1    0.1    0.2    0.1
    0.2    0.2    0.2    0.2    0.2    0.1    0.2    0.1    0.2    0.2
    0.2    0.2    0.2    0.2    0.3    0.2    0.2    0.3    0.3    0.3
    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.4
    0.4    0.4    0.4    0.4    0.4    0.3    0.3    0.3    0.3    0.3
    0.3    0.2    0.2    0.2    0.2  -99.0  -99.0  -99.0  -99.0
44 -99.0    0.0    0.0    0.0    0.0    0.1    0.0    0.1    0.1    0.1
    0.0    0.1    0.1    0.1    0.1    0.0    0.1    0.1    0.2    0.1
    0.1    0.2    0.2    0.1    0.2    0.2    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.3    0.3    0.3    0.2    0.3
    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3
    0.4    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.2    0.2
    0.2    0.2    0.2    0.2  -99.0  -99.0  -99.0  -99.0  -99.0
45 -99.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
    0.0    0.1    0.1    0.1    0.0    0.1    0.1    0.2    0.1    0.1
    0.1    0.1    0.2    0.1    0.2    0.2    0.2    0.2    0.1    0.2
    0.2    0.2    0.2    0.2    0.2    0.3    0.3    0.3    0.2    0.2
    0.2    0.3    0.3    0.3    0.3    0.2    0.2    0.3    0.3    0.3
    0.3    0.3    0.3    0.2    0.3    0.2    0.2    0.3    0.2    0.2
    0.2    0.1    0.2    0.1  -99.0  -99.0  -99.0  -99.0  -99.0
46 -99.0    0.0    0.0    0.1    0.0    0.1    0.0    0.0    0.1    0.1
    0.0    0.1    0.1    0.0    0.0    0.1    0.1    0.1    0.1    0.1
    0.1    0.1    0.2    0.1    0.1    0.1    0.2    0.1    0.2    0.2
    0.1    0.2    0.1    0.1    0.2    0.2    0.2    0.2    0.2    0.2
```

```
         0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2
         0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.1
         0.1      0.1      0.2    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
47     -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0
         0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
         0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.2      0.2      0.2
         0.1      0.2      0.2      0.1      0.2      0.1      0.2      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.2      0.1      0.2      0.2      0.1      0.1
         0.1      0.1    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
48     -99.0      0.0      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.0
         0.0      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1
         0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.2      0.2      0.2
         0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2
         0.1      0.2      0.2      0.2      0.2      0.1      0.2      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.2      0.1      0.1      0.1      0.1      0.1
         0.1      0.1      0.0      0.1    -99.0    -99.0    -99.0    -99.0    -99.0
49     -99.0      0.1      0.0      0.0      0.0      0.0      0.1      0.1      0.1      0.1
         0.0      0.0      0.1      0.0      0.0      0.1      0.0      0.1      0.1      0.1
         0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.1
         0.1      0.1      0.2      0.1      0.2      0.1      0.2      0.1      0.1      0.2
         0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.1      0.2      0.1
         0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.1      0.0
         0.1      0.0      0.1      0.0      0.0      0.0      0.0    -99.0    -99.0
50     -99.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
         0.0      0.1      0.1      0.0      0.1      0.1      0.1      0.0      0.0      0.0
         0.1      0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.1
         0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
         0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1
         0.1      0.1      0.1      0.1      0.1      0.0      0.1      0.0      0.1      0.0
         0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.0    -99.0
51     -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
         0.0      0.0      0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.1
         0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1
         0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.1      0.1
         0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
         0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0
         0.0     -0.1      0.0      0.0      0.0     -0.1      0.0      0.0    -99.0
52     -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
         0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
         0.0      0.1      0.0      0.1      0.1      0.0      0.1      0.0      0.1      0.0
         0.1      0.1      0.1      0.1      0.0      0.0      0.0      0.1      0.1      0.1
         0.0      0.1      0.1      0.0      0.1      0.0      0.1      0.1      0.0      0.0
         0.1      0.0      0.0      0.1      0.1      0.0      0.0      0.0      0.0      0.0
        -0.1      0.0     -0.1      0.0      0.0     -0.1     -0.1     -0.1    -99.0
53     -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0
         0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0
         0.0      0.0      0.1      0.0      0.0      0.1      0.1      0.0      0.1      0.0
         0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0
         0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
         0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1
        -0.1      0.0      0.0     -0.1     -0.1     -0.1     -0.1      0.0    -99.0
54     -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
         0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
```

```
    0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0     -0.1      0.0     -0.1      0.0      0.0
    0.0      0.0      0.0      0.0      0.0     -0.1      0.0      0.0     -0.1      0.0
    0.0      0.0     -0.1     -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1
   -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1    -99.0
55 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1      0.0
    0.0      0.0      0.0     -0.1      0.0      0.0     -0.1      0.0      0.0      0.0
    0.0     -0.1      0.0      0.0      0.0      0.0     -0.1      0.0     -0.1      0.0
    0.0      0.0      0.0      0.0      0.0     -0.1      0.0     -0.1     -0.1     -0.1
   -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.1     -0.1
   -0.2     -0.2     -0.2     -0.2     -0.1     -0.1     -0.2     -0.1    -99.0
56 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0     -0.1     -0.1
    0.0      0.0     -0.1      0.0      0.0      0.0     -0.1      0.0     -0.1     -0.1
   -0.1     -0.1     -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1      0.0
    0.0     -0.1     -0.1     -0.1     -0.2     -0.1     -0.1     -0.2     -0.1     -0.1
   -0.1     -0.1     -0.2     -0.1     -0.2     -0.2     -0.2     -0.1     -0.1     -0.2
   -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2    -99.0
57 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   -0.1     -0.1     -0.1     -0.1      0.0      0.0     -0.1     -0.1      0.0     -0.1
   -0.1     -0.1     -0.1     -0.1     -0.1     -0.1      0.0     -0.1     -0.1     -0.1
   -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1
   -0.1     -0.1     -0.2     -0.1     -0.1     -0.1     -0.2     -0.2     -0.2     -0.1
   -0.1     -0.2     -0.2     -0.2     -0.2     -0.3     -0.2     -0.3     -0.3     -0.3
   -0.2     -0.2     -0.3     -0.2     -0.3     -0.3     -0.3     -0.3    -99.0
58 -99.0    -99.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1      0.0
    0.0      0.0     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1
   -0.1     -0.2     -0.1     -0.1     -0.2     -0.1     -0.1     -0.1     -0.1     -0.1
   -0.1     -0.2     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2
   -0.1     -0.2     -0.2     -0.2     -0.1     -0.2     -0.2     -0.2     -0.2     -0.2
   -0.2     -0.2     -0.2     -0.3     -0.3     -0.3     -0.2     -0.3     -0.3     -0.3
   -0.3     -0.4     -0.3     -0.3     -0.3     -0.3     -0.3    -99.0    -99.0
59 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
```

Model layer 9 (Drift and Eau Claire confining unit)

```
 1 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
   -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 2 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0
    0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
```

```
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
      0.0      0.1      0.1      0.1      0.1      0.1      0.0    -99.0    -99.0
 3  -99.0    -99.0    -99.0    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
      0.0      0.1      0.0      0.0      0.1      0.1      0.0      0.0      0.1      0.1
      0.1      0.1      0.0      0.1      0.0      0.1      0.0      0.1    -99.0
 4  -99.0    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.1      0.0      0.0      0.1      0.0      0.0      0.1      0.0      0.0
      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.0      0.0      0.0
      0.1      0.0      0.1      0.1      0.1      0.0      0.1      0.0      0.1      0.0
      0.0      0.0      0.1      0.1      0.1      0.0      0.1      0.1      0.0      0.1
      0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.1      0.1      0.1      0.1    -99.0    -99.0    -99.0
 5  -99.0    -99.0      0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0
      0.0      0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.0      0.0
      0.0      0.0      0.1      0.1      0.1      0.1      0.0      0.1      0.0      0.1
      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.2      0.1      0.1      0.1      0.1      0.2      0.1      0.2
      0.2      0.2      0.1      0.1      0.1      0.2    -99.0    -99.0    -99.0
 6  -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0
      0.0      0.1      0.0      0.1      0.0      0.1      0.0      0.1      0.0      0.1
      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.2      0.1      0.2      0.2      0.1      0.1      0.1      0.2      0.1      0.2
      0.2      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2
      0.1      0.2      0.1      0.1      0.1      0.2    -99.0    -99.0    -99.0
 7  -99.0    -99.0     -0.3      0.0      0.0      0.0      0.1      0.1      0.1      0.1
      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
      0.2      0.2      0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.2
      0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
      0.2      0.2      0.2      0.2      0.2      0.2    -99.0    -99.0    -99.0
 8  -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0
      0.0      0.0      0.0      0.1      0.1      0.0      0.0      0.1      0.1      0.1
      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1
      0.1      0.1      0.2      0.2      0.1      0.1      0.1      0.2      0.2      0.1
      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
      0.2      0.3      0.2      0.2      0.3      0.2      0.2      0.3      0.3      0.3
      0.3      0.2      0.3      0.3      0.2      0.2    -99.0    -99.0    -99.0
 9  -99.0    -99.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1      0.1
      0.1      0.0      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.1
      0.1      0.2      0.1      0.2      0.2      0.1      0.1      0.1      0.2      0.1
      0.1      0.2      0.2      0.2      0.1      0.2      0.2      0.2      0.2      0.3
      0.2      0.3      0.3      0.2      0.2      0.2      0.3      0.2      0.3      0.2
      0.3      0.2      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3
      0.4      0.3      0.3      0.3      0.3      0.2    -99.0    -99.0    -99.0
10  -99.0    -99.0      0.1      0.1      0.0      0.0      0.0      0.0      0.1      0.1
```

```
       0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
       0.1      0.1      0.2      0.2      0.2      0.1      0.2      0.1      0.2      0.2
       0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2
       0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.2      0.3      0.2
       0.3      0.3      0.3      0.4      0.3      0.3      0.4      0.3      0.3      0.4
       0.3      0.4      0.3      0.2      0.2     -0.3     -1.2    -99.0    -99.0
11   -99.0    -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.1
       0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
       0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2
       0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3
       0.3      0.3      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.4
       0.4      0.3      0.4      0.3      0.3      0.4      0.4      0.4      0.4      0.4
       0.4      0.3      0.4      0.3      0.2      0.1    -99.0    -99.0    -99.0
12   -99.0    -99.0      0.0      0.1      0.0      0.0      0.0      0.1      0.1      0.1
       0.0      0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.1
       0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.1      0.2      0.2
       0.3      0.2      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3
       0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4
       0.4      0.4      0.3      0.3      0.4      0.4      0.4      0.4      0.3      0.4
       0.3      0.4      0.4      0.4    -99.0    -99.0    -99.0    -99.0    -99.0
13   -99.0    -99.0      0.0      0.0      0.1      0.0      0.1      0.1      0.0      0.1
       0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1
       0.2      0.2      0.2      0.2      0.1      0.2      0.2      0.2      0.2      0.2
       0.2      0.3      0.3      0.3      0.3      0.3      0.2      0.3      0.2      0.3
       0.3      0.3      0.3      0.4      0.3      0.3      0.3      0.3      0.4      0.4
       0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.3
       0.4      0.4      0.4    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
14   -99.0    -99.0      0.0      0.0      0.1      0.0      0.1      0.0      0.1      0.1
       0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1
       0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
       0.2      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3
       0.3      0.3      0.3      0.4      0.3      0.4      0.4      0.3      0.4      0.4
       0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.4
       0.3      0.3      0.4    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
15   -99.0    -99.0      0.0      0.1      0.0      0.0      0.0      0.1      0.1      0.1
       0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2
       0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3
       0.2      0.3      0.3      0.2      0.2      0.2      0.3      0.3      0.3      0.3
       0.3      0.3      0.3      0.4      0.4      0.3      0.4      0.4      0.4      0.4
       0.4      0.4      0.4      0.4      0.5      0.5      0.4      0.4      0.4      0.4
       0.4      0.4      0.4      0.3    -99.0    -99.0    -99.0    -99.0    -99.0
16   -99.0    -99.0      0.0      0.1      0.0      0.1      0.1      0.1      0.1      0.1
       0.1      0.1      0.1      0.1      0.2      0.2      0.1      0.1      0.2      0.1
       0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2      0.2
       0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
       0.3      0.4      0.3      0.4      0.3      0.4      0.3      0.4      0.4      0.4
       0.4      0.4      0.5      0.5      0.5      0.4      0.5      0.5      0.4      0.4
       0.4      0.4      0.4      0.4      0.3    -99.0    -99.0    -99.0    -99.0
17   -99.0    -99.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1
       0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2
       0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2
       0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4
       0.4      0.3      0.4      0.4      0.4      0.3      0.4      0.4      0.4      0.4
       0.4      0.5      0.4      0.5      0.5      0.4      0.4      0.4      0.4      0.4
```

```
      0.4       0.4       0.3       0.3       0.3     -99.0     -99.0     -99.0     -99.0
18  -99.0     -99.0       0.0       0.0       0.1       0.1       0.0       0.0       0.1       0.1
      0.0       0.1       0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.2
      0.2       0.2       0.2       0.2       0.2       0.3       0.3       0.3       0.3       0.3
      0.2       0.3       0.3       0.3       0.2       0.3       0.3       0.4       0.3       0.4
      0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.4       0.5       0.5
      0.5       0.5       0.4       0.5       0.5       0.5       0.5       0.4       0.4       0.4
      0.4       0.3       0.4       0.4       0.4     -99.0     -99.0     -99.0     -99.0
19  -99.0     -99.0       0.0       0.0       0.1       0.0       0.0       0.1       0.1       0.1
      0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.2
      0.2       0.2       0.2       0.2       0.3       0.3       0.2       0.3       0.3       0.3
      0.3       0.3       0.2       0.3       0.3       0.3       0.3       0.3       0.4       0.4
      0.4       0.4       0.3       0.4       0.4       0.5       0.4       0.4       0.5       0.5
      0.4       0.4       0.5       0.5       0.5       0.4       0.4       0.5       0.4       0.4
      0.4       0.3       0.4       0.4       0.3     -99.0     -99.0     -99.0     -99.0
20  -99.0     -99.0       0.1       0.0       0.0       0.1       0.0       0.0       0.1       0.1
      0.1       0.1       0.2       0.1       0.1       0.1       0.2       0.2       0.2       0.2
      0.2       0.2       0.2       0.2       0.2       0.3       0.2       0.2       0.2       0.2
      0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.4
      0.4       0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.4       0.5
      0.4       0.5       0.5       0.5       0.5       0.4       0.5       0.5       0.4       0.4
      0.4       0.4       0.4       0.3       0.3     -99.0     -99.0     -99.0     -99.0
21  -99.0     -99.0       0.0       0.1       0.0       0.0       0.0       0.0       0.1       0.1
      0.1       0.1       0.2       0.1       0.1       0.1       0.2       0.2       0.2       0.2
      0.2       0.3       0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.3
      0.2       0.2       0.2       0.3       0.3       0.3       0.4       0.3       0.3       0.4
      0.4       0.3       0.4       0.5       0.4       0.5       0.5       0.5       0.4       0.5
      0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.4       0.4
      0.4       0.4       0.4       0.3       0.3     -99.0     -99.0     -99.0     -99.0
22  -99.0     -99.0       0.0       0.0       0.0       0.0       0.1       0.1       0.1       0.1
      0.1       0.1       0.1       0.1       0.1       0.2       0.2       0.1       0.2       0.2
      0.2       0.2       0.2       0.3       0.3       0.2       0.2       0.3       0.2       0.3
      0.2       0.2       0.3       0.3       0.3       0.4       0.3       0.4       0.3       0.4
      0.3       0.4       0.4       0.4       0.4       0.4       0.5       0.5       0.5       0.5
      0.5       0.5       0.5       0.5       0.5       0.5       0.4       0.5       0.4       0.4
      0.4       0.4       0.3       0.4       0.4     -99.0     -99.0     -99.0     -99.0
23  -99.0     -99.0       0.0       0.0       0.0       0.0       0.0       0.1       0.1       0.1
      0.1       0.1       0.1       0.2       0.1       0.2       0.2       0.1       0.2       0.2
      0.2       0.2       0.2       0.2       0.3       0.2       0.2       0.3       0.2       0.3
      0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3
      0.4       0.4       0.3       0.4       0.4       0.5       0.4       0.5       0.5       0.5
      0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.4       0.4       0.4
      0.4       0.4       0.4       0.4       0.4     -99.0     -99.0     -99.0     -99.0
24  -99.0     -99.0       0.0       0.1       0.0       0.0       0.1       0.1       0.1       0.1
      0.1       0.1       0.2       0.1       0.2       0.2       0.2       0.2       0.2       0.2
      0.3       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.3
      0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.3       0.4
      0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.4       0.4       0.5
      0.5       0.6       0.5       0.5       0.5       0.6       0.5       0.4       0.4       0.4
      0.4       0.4       0.3       0.3       0.3     -99.0     -99.0     -99.0     -99.0
25  -99.0     -99.0       0.0       0.0       0.1       0.1       0.1       0.1       0.1       0.1
      0.1       0.1       0.2       0.2       0.2       0.1       0.2       0.2       0.2       0.2
      0.2       0.2       0.2       0.2       0.3       0.2       0.3       0.3       0.2       0.2
      0.2       0.3       0.3       0.3       0.3       0.3       0.4       0.4       0.4       0.4
```

```
        0.4      0.4      0.3      0.4      0.4      0.5      0.5      0.5      0.4      0.4
        0.5      0.6      0.5      0.5      0.5      0.5      0.5      0.4      0.4      0.4
        0.3      0.4      0.3      0.3      0.3    -99.0    -99.0    -99.0    -99.0
 26  -99.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1
        0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.3      0.3      0.2      0.3      0.3      0.2      0.2
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.3
        0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.5
        0.5      0.5      0.5      0.5      0.5      0.5      0.5      0.5      0.4      0.4
        0.4      0.4      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
 27  -99.0      0.0      0.0      0.1      0.1      0.0      0.0      0.0      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2      0.2      0.2
        0.2      0.3      0.2      0.3      0.3      0.3      0.4      0.4      0.4      0.4
        0.3      0.4      0.3      0.5      0.5      0.4      0.4      0.5      0.5      0.5
        0.5      0.6      0.5      0.5      0.5      0.5      0.5      0.5      0.4      0.4
        0.4      0.4      0.4      0.3      0.3      0.3    -99.0    -99.0    -99.0
 28  -99.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.0
        0.1      0.1      0.1      0.2      0.1      0.1      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.3      0.2      0.2      0.3      0.2      0.2      0.2
        0.2      0.3      0.3      0.3      0.3      0.3      0.4      0.4      0.3      0.4
        0.3      0.3      0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.5
        0.5      0.5      0.5      0.5      0.5      0.5      0.5      0.4      0.4      0.4
        0.3      0.4      0.3      0.3      0.4      0.3    -99.0    -99.0    -99.0
 29  -99.0      0.1      0.0      0.0      0.1      0.0      0.1      0.0      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2
        0.2      0.2      0.3      0.2      0.3      0.2      0.3      0.3      0.2      0.2
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.3      0.4
        0.4      0.4      0.4      0.4      0.4      0.4      0.5      0.4      0.4      0.4
        0.4      0.5      0.5      0.5      0.5      0.5      0.5      0.4      0.4      0.4
        0.3      0.3      0.3      0.4      0.4      0.3    -99.0    -99.0    -99.0
 30  -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
        0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.1      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.2
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4      0.3
        0.4      0.4      0.3      0.4      0.4      0.4      0.4      0.5      0.5      0.4
        0.4      0.5      0.5      0.5      0.5      0.5      0.5      0.5      0.4      0.4
        0.4      0.3      0.3      0.3      0.4      0.4    -99.0    -99.0    -99.0
 31  -99.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.3      0.3
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.4
        0.4      0.3      0.3      0.4      0.4      0.5      0.4      0.5      0.4      0.4
        0.5      0.5      0.5      0.4      0.5      0.5      0.4      0.5      0.5      0.4
        0.4      0.3      0.3      0.4      0.3      0.3    -99.0    -99.0    -99.0
 32  -99.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.1
        0.0      0.1      0.2      0.1      0.1      0.2      0.1      0.1      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.2      0.2
        0.2      0.2      0.3      0.2      0.3      0.3      0.3      0.4      0.4      0.4
        0.3      0.3      0.4      0.4      0.4      0.4      0.4      0.4      0.4      0.5
        0.5      0.5      0.5      0.5      0.5      0.4      0.4      0.5      0.4      0.4
        0.4      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
 33  -99.0      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.2      0.2
```

```
        0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.2       0.2       0.3
        0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.3
        0.3       0.3       0.4       0.4       0.4       0.4       0.4       0.4       0.5       0.4
        0.4       0.4       0.5       0.5       0.5       0.5       0.4       0.4       0.4       0.4
        0.3       0.3       0.3       0.3       0.3       0.3      -99.0     -99.0     -99.0
34    -99.0       0.0       0.0       0.0       0.0       0.1       0.0       0.1       0.1       0.1
        0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.1       0.2
        0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.3       0.2
        0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3
        0.3       0.4       0.4       0.3       0.4       0.4       0.4       0.4       0.4       0.4
        0.5       0.4       0.5       0.5       0.4       0.4       0.4       0.4       0.3       0.4
        0.3       0.3       0.3       0.3       0.3       0.3      -99.0     -99.0     -99.0
35    -99.0       0.1       0.1       0.0       0.1       0.1       0.0       0.1       0.1       0.1
        0.1       0.0       0.1       0.1       0.1       0.2       0.1       0.2       0.2       0.2
        0.2       0.2       0.2       0.2       0.2       0.3       0.2       0.2       0.2       0.2
        0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.4       0.3       0.3
        0.4       0.4       0.4       0.3       0.4       0.4       0.4       0.4       0.4       0.4
        0.4       0.4       0.4       0.5       0.5       0.4       0.4       0.4       0.4       0.4
        0.3       0.3       0.3       0.3       0.3       0.3      -99.0     -99.0     -99.0
36    -99.0       0.1       0.1       0.0       0.1       0.1       0.1       0.0       0.1       0.1
        0.0       0.1       0.1       0.2       0.2       0.1       0.1       0.1       0.2       0.2
        0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2
        0.2       0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3
        0.3       0.4       0.4       0.3       0.4       0.4       0.4       0.4       0.4       0.4
        0.4       0.4       0.4       0.5       0.4       0.5       0.4       0.4       0.3       0.3
        0.3       0.3       0.3       0.3       0.3      -99.0     -99.0     -99.0     -99.0
37    -99.0       0.0       0.0       0.0       0.1       0.0       0.0       0.0       0.0       0.1
        0.1       0.1       0.1       0.1       0.1       0.2       0.2       0.1       0.2       0.1
        0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.2
        0.3       0.2       0.2       0.3       0.3       0.3       0.3       0.3       0.3       0.3
        0.3       0.4       0.4       0.4       0.4       0.3       0.4       0.4       0.3       0.4
        0.4       0.4       0.4       0.4       0.4       0.4       0.4       0.4       0.3       0.3
        0.3       0.3       0.2       0.2       0.3      -99.0     -99.0     -99.0     -99.0
38    -99.0       0.0       0.1       0.0       0.1       0.1       0.1       0.1       0.1       0.1
        0.1       0.1       0.1       0.2       0.1       0.2       0.1       0.2       0.2       0.2
        0.1       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2
        0.2       0.2       0.3       0.2       0.3       0.2       0.3       0.3       0.3       0.3
        0.3       0.3       0.3       0.3       0.3       0.4       0.3       0.4       0.3       0.4
        0.3       0.4       0.3       0.3       0.3       0.4       0.4       0.4       0.3       0.3
        0.3       0.3       0.3       0.3       0.3      -99.0     -99.0     -99.0     -99.0
39    -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.1       0.0
        0.0       0.0       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.2
        0.2       0.2       0.2       0.2       0.1       0.2       0.2       0.2       0.2       0.3
        0.2       0.3       0.3       0.3       0.2       0.2       0.3       0.3       0.3       0.3
        0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3
        0.3       0.4       0.3       0.4       0.4       0.3       0.4       0.4       0.4       0.3
        0.3       0.3       0.3       0.3       0.3      -99.0     -99.0     -99.0     -99.0
40    -99.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0       0.1       0.1
        0.1       0.0       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.1
        0.1       0.2       0.2       0.1       0.2       0.1       0.2       0.2       0.2       0.2
        0.2       0.2       0.2       0.2       0.2       0.3       0.3       0.2       0.3       0.2
        0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3
        0.4       0.4       0.3       0.3       0.3       0.3       0.3       0.3       0.3       0.3
        0.3       0.2       0.2       0.2       0.2      -99.0     -99.0     -99.0     -99.0
```

```
41 -99.0    0.0    0.1    0.0    0.0    0.0    0.0    0.0    0.1    0.1
    0.1    0.0    0.1    0.1    0.1    0.1    0.1    0.2    0.1    0.2
    0.1    0.2    0.1    0.2    0.2    0.2    0.2    0.2    0.2    0.1
    0.2    0.2    0.2    0.2    0.2    0.2    0.3    0.2    0.3    0.2
    0.2    0.2    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3
    0.3    0.3    0.3    0.3    0.4    0.3    0.3    0.2    0.3    0.3
    0.2    0.3    0.2    0.2    0.2  -99.0  -99.0  -99.0  -99.0
42 -99.0    0.0    0.1    0.0    0.0    0.0    0.1    0.1    0.1    0.1
    0.1    0.0    0.1    0.1    0.1    0.1    0.2    0.1    0.2    0.2
    0.1    0.2    0.1    0.2    0.2    0.2    0.2    0.1    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.3    0.3
    0.2    0.2    0.3    0.2    0.3    0.2    0.3    0.3    0.2    0.3
    0.3    0.3    0.3    0.3    0.3    0.3    0.2    0.3    0.3    0.2
    0.2    0.2    0.2    0.2    0.2  -99.0  -99.0  -99.0  -99.0
43 -99.0    0.0    0.1    0.1    0.1    0.1    0.0    0.1    0.0    0.1
    0.1    0.1    0.0    0.1    0.1    0.1    0.1    0.1    0.1    0.1
    0.2    0.1    0.1    0.1    0.2    0.1    0.1    0.1    0.2    0.1
    0.2    0.2    0.1    0.2    0.2    0.2    0.2    0.3    0.3    0.2
    0.2    0.2    0.2    0.2    0.3    0.3    0.2    0.3    0.2    0.2
    0.2    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.2    0.2
    0.2    0.3    0.2    0.2    0.2  -99.0  -99.0  -99.0  -99.0
44 -99.0    0.0    0.1    0.0    0.0    0.0    0.1    0.0    0.1    0.0
    0.1    0.1    0.1    0.1    0.0    0.1    0.1    0.1    0.1    0.1
    0.1    0.1    0.2    0.2    0.1    0.2    0.2    0.1    0.1    0.1
    0.2    0.2    0.2    0.2    0.1    0.2    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.2    0.3    0.2    0.2    0.2
    0.2    0.2    0.3    0.2    0.3    0.2    0.3    0.2    0.2    0.2
    0.2    0.2    0.2    0.1  -99.0  -99.0  -99.0  -99.0  -99.0
45 -99.0    0.0    0.1    0.0    0.1    0.0    0.0    0.1    0.0    0.0
    0.1    0.0    0.0    0.0    0.0    0.1    0.0    0.1    0.1    0.1
    0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.2
    0.1    0.1    0.2    0.2    0.2    0.1    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2
    0.3    0.2    0.3    0.2    0.2    0.2    0.2    0.2    0.2    0.2
    0.1    0.1    0.2    0.2  -99.0  -99.0  -99.0  -99.0  -99.0
46 -99.0    0.0    0.0    0.0    0.0    0.0    0.1    0.1    0.1    0.1
    0.0    0.0    0.1    0.0    0.1    0.0    0.0    0.1    0.1    0.1
    0.1    0.1    0.1    0.2    0.1    0.1    0.2    0.1    0.1    0.1
    0.1    0.2    0.1    0.2    0.2    0.1    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.1    0.2    0.1    0.2    0.2    0.1
    0.1    0.1    0.1  -99.0  -99.0  -99.0  -99.0  -99.0  -99.0
47 -99.0    0.0    0.0    0.0    0.0    0.0    0.1    0.1    0.0    0.0
    0.1    0.0    0.0    0.0    0.1    0.1    0.1    0.1    0.1    0.1
    0.1    0.1    0.1    0.1    0.1    0.2    0.1    0.1    0.2    0.1
    0.1    0.1    0.1    0.1    0.2    0.2    0.2    0.2    0.2    0.2
    0.1    0.1    0.1    0.1    0.2    0.1    0.1    0.2    0.2    0.2
    0.1    0.2    0.2    0.2    0.1    0.2    0.1    0.1    0.1    0.1
    0.1    0.1  -99.0  -99.0  -99.0  -99.0  -99.0  -99.0  -99.0
48 -99.0    0.0    0.0    0.0    0.0    0.1    0.1    0.0    0.1    0.0
    0.0    0.0    0.1    0.0    0.1    0.1    0.1    0.0    0.0    0.1
    0.1    0.1    0.1    0.1    0.1    0.1    0.0    0.1    0.1    0.1
    0.1    0.2    0.2    0.2    0.1    0.1    0.2    0.1    0.1    0.1
    0.2    0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.1    0.1
```

```
        0.1      0.2      0.1      0.2      0.1      0.1      0.0      0.1      0.1      0.1
        0.0      0.1      0.1      0.0    -99.0    -99.0    -99.0    -99.0    -99.0
49    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
        0.1      0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.0      0.1
        0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.0      0.0      0.1      0.0      0.1      0.1      0.0      0.1      0.0
        0.1      0.0      0.1      0.0      0.0      0.0      0.0    -99.0    -99.0
50    -99.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1
        0.1      0.1      0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.1
        0.0      0.1      0.0      0.1      0.1      0.0      0.1      0.0      0.1      0.1
        0.1      0.1      0.0      0.1      0.1      0.1      0.0      0.1      0.1      0.0
        0.1      0.1      0.0      0.1      0.1      0.0      0.0      0.1      0.0      0.0
        0.1      0.1      0.1      0.0      0.1      0.0      0.0      0.0      0.1      0.0
        0.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1    -99.0
51    -99.0      0.0      0.0      0.1      0.0      0.1      0.0      0.0      0.0      0.1
        0.0      0.0      0.1      0.0      0.0      0.1      0.1      0.0      0.0      0.1
        0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.0      0.0      0.1
        0.0      0.1      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0
        0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       -0.1      0.0      0.0      0.0     -0.1      0.0      0.0     -0.1    -99.0
52    -99.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.0
        0.1      0.0      0.0      0.0      0.0      0.1      0.1      0.1      0.0      0.0
        0.1      0.1      0.1      0.0      0.0      0.1      0.0      0.0      0.0      0.1
        0.0      0.0      0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0     -0.1      0.0      0.0      0.0     -0.1
        0.0     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1    -99.0
53    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0     -0.1      0.0     -0.1      0.0     -0.1
       -0.1      0.0     -0.1     -0.1      0.0     -0.1      0.0     -0.1      0.0     -0.1
       -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1    -99.0
54    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0     -0.1      0.0      0.0      0.0      0.0      0.0      0.0     -0.1
        0.0      0.0      0.0     -0.1      0.0      0.0      0.0      0.0      0.0      0.0
        0.0     -0.1      0.0     -0.1     -0.1      0.0     -0.1      0.0      0.0      0.0
       -0.1     -0.1     -0.1      0.0     -0.1     -0.1      0.0      0.0     -0.1     -0.1
       -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.2
       -0.1     -0.2     -0.2     -0.2     -0.1     -0.1     -0.2     -0.2    -99.0
55    -99.0    -99.0      0.0      0.0      0.0     -0.1      0.0     -0.1      0.0      0.0
        0.0      0.0      0.0     -0.1     -0.1      0.0     -0.1     -0.1      0.0     -0.1
        0.0      0.0      0.0      0.0     -0.1      0.0     -0.1      0.0     -0.1     -0.1
        0.0      0.0     -0.1      0.0     -0.1      0.0     -0.1     -0.1     -0.1     -0.1
       -0.1     -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.2     -0.1
       -0.2     -0.1     -0.2     -0.1     -0.2     -0.1     -0.2     -0.2     -0.2     -0.2
       -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2    -99.0
56    -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1
       -0.1     -0.1      0.0     -0.1      0.0     -0.1     -0.1      0.0      0.0     -0.1
       -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1
```

```
     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.2     -0.2
     -0.1     -0.2     -0.1     -0.2     -0.2     -0.2     -0.2     -0.2     -0.1     -0.1
     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.3     -0.3     -0.2     -0.2
     -0.2     -0.2     -0.2     -0.2     -0.3     -0.3     -0.2     -0.3    -99.0
57  -99.0    -99.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1     -0.1
     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.1     -0.2     -0.1
     -0.1     -0.2     -0.1     -0.1     -0.1     -0.1     -0.2     -0.1     -0.1     -0.1
     -0.1     -0.1     -0.1     -0.1     -0.2     -0.2     -0.2     -0.2     -0.2     -0.1
     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2
     -0.2     -0.2     -0.2     -0.2     -0.3     -0.3     -0.2     -0.3     -0.3     -0.3
     -0.3     -0.3     -0.3     -0.3     -0.3     -0.3     -0.3     -0.3    -99.0
58  -99.0    -99.0      0.1      0.0      0.0      0.0      0.0     -0.1     -0.1     -0.1
     -0.1      0.0     -0.1     -0.1     -0.1     -0.2     -0.2     -0.2     -0.2     -0.2
     -0.1     -0.1     -0.2     -0.2     -0.1     -0.1     -0.2     -0.2     -0.1     -0.2
     -0.1     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.1     -0.2
     -0.2     -0.2     -0.3     -0.2     -0.2     -0.2     -0.2     -0.2     -0.3     -0.3
     -0.3     -0.3     -0.3     -0.3     -0.3     -0.3     -0.4     -0.4     -0.4     -0.4
     -0.4     -0.4     -0.4     -0.4     -0.4     -0.4     -0.4    -99.0    -99.0
59  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0


Model layer 10 (Drift and Mount Simon-Hinckley aquifer)


 1  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 2  -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0      0.0
      0.1      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
      0.0      0.0      0.0      0.0      0.0      0.1      0.0    -99.0    -99.0
 3  -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.1      0.0      0.0
      0.0      0.0      0.1      0.1      0.0      0.0      0.1      0.0    -99.0
 4  -99.0     -0.3      0.0      0.0      0.0      0.1      0.1      0.0      0.0      0.0
      0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.0      0.0      0.1
      0.0      0.0      0.1      0.0      0.1      0.0      0.0      0.1      0.1      0.0
      0.1      0.0      0.0      0.1      0.1      0.0      0.1      0.0      0.1      0.1
```

```
    0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.1      0.0      0.1
    0.1      0.1      0.1      0.0      0.1      0.0      0.1      0.1      0.1      0.1
    0.1      0.1      0.1      0.1      0.1      0.1    -99.0    -99.0    -99.0
 5 -99.0      0.4      0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.0
    0.1      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.0
    0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.1      0.1      0.1
    0.1      0.0      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.1
    0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1
    0.1      0.2      0.1      0.2      0.2      0.1      0.2      0.2      0.1      0.1
    0.1      0.2      0.1      0.2      0.2      0.2    -99.0    -99.0    -99.0
 6 -99.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.0      0.1
    0.1      0.1      0.1      0.1      0.0      0.0      0.0      0.1      0.1      0.1
    0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
    0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1
    0.1      0.1      0.2      0.1      0.2      0.1      0.2      0.1      0.1      0.2
    0.1      0.2      0.2      0.1      0.2      0.2      0.1      0.1      0.2      0.2
    0.2      0.1      0.1      0.2      0.1      0.2    -99.0    -99.0    -99.0
 7 -99.0      0.5      0.0      0.1      0.0      0.0      0.1      0.0      0.0      0.0
    0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.0
    0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
    0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.1      0.1
    0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.2
    0.2      0.2      0.2      0.2      0.1      0.2      0.2      0.2      0.2      0.1
    0.2      0.2      0.2      0.2      0.2      0.1    -99.0    -99.0    -99.0
 8 -99.0      0.2      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0
    0.1      0.1      0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1
    0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1
    0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.1      0.2
    0.2      0.2      0.2      0.1      0.2      0.1      0.2      0.1      0.2      0.2
    0.2      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2
    0.2      0.2      0.2      0.2      0.2      0.2    -99.0    -99.0    -99.0
 9 -99.0     -0.3      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0
    0.0      0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
    0.2      0.1      0.1      0.2      0.1      0.1      0.1      0.1      0.2      0.1
    0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
    0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
    0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.2
    0.2      0.2      0.3      0.2      0.2      0.2    -99.0    -99.0    -99.0
10 -99.0     -0.2      0.0      0.1      0.0      0.1      0.0      0.1      0.1      0.0
    0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.2      0.1
    0.2      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1
    0.2      0.2      0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.2
    0.2      0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.2      0.2
    0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.3
    0.2      0.2      0.3      0.2      0.3      0.2      0.2    -99.0    -99.0
11 -99.0      0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.1      0.1
    0.1      0.0      0.1      0.0      0.1      0.1      0.1      0.2      0.1      0.1
    0.1      0.2      0.2      0.2      0.2      0.2      0.1      0.2      0.1      0.1
    0.2      0.1      0.1      0.2      0.1      0.1      0.2      0.2      0.2      0.2
    0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3
    0.3      0.2      0.2      0.2      0.3      0.2      0.2      0.2      0.3      0.3
    0.2      0.2      0.3      0.2      0.3      0.3    -99.0    -99.0    -99.0
12 -99.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0      0.0      0.1
    0.0      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.2
```

```
        0.2      0.2      0.1      0.2      0.2      0.1      0.2      0.2      0.2      0.1
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3
        0.3      0.3      0.2      0.2      0.2      0.3      0.3      0.2      0.3      0.2
        0.2      0.2      0.2      0.2    -99.0    -99.0    -99.0    -99.0    -99.0
13    -99.0      0.0      0.1      0.1      0.0      0.0      0.0      0.1      0.0      0.0
        0.1      0.0      0.1      0.1      0.1      0.2      0.2      0.1      0.1      0.2
        0.2      0.1      0.2      0.2      0.1      0.1      0.1      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2      0.2
        0.2      0.2      0.3      0.2      0.2      0.3      0.3      0.2      0.2      0.2
        0.3      0.3      0.3      0.3      0.2      0.3      0.3      0.3      0.3      0.3
        0.3      0.2      0.3    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
14    -99.0      0.1      0.1      0.0      0.1      0.1      0.1      0.0      0.0      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2
        0.2      0.2      0.2      0.2      0.1      0.2      0.2      0.2      0.1      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.3      0.3      0.2      0.3      0.2      0.3
        0.3      0.2      0.3      0.3      0.2      0.3      0.3      0.3      0.2      0.2
        0.3      0.3      0.3    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
15    -99.0      0.0      0.1      0.1      0.0      0.0      0.0      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2
        0.2      0.2      0.2      0.2      0.1      0.2      0.1      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2      0.3
        0.2      0.2      0.3      0.2      0.2      0.3      0.3      0.3      0.3      0.3
        0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0    -99.0    -99.0
16    -99.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.2
        0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.3      0.2      0.3      0.2      0.2      0.2      0.2      0.3
        0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
        0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0    -99.0
17    -99.0      0.0      0.1      0.0      0.1      0.1      0.0      0.0      0.1      0.1
        0.1      0.1      0.1      0.2      0.1      0.1      0.2      0.1      0.1      0.2
        0.2      0.2      0.2      0.2      0.2      0.1      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.3      0.3      0.3      0.2      0.2      0.2      0.3
        0.2      0.2      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3
        0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0    -99.0
18    -99.0     -0.3      0.0      0.0      0.0      0.1      0.1      0.0      0.1      0.1
        0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.1      0.2      0.1
        0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.3      0.2      0.2      0.2      0.3      0.2      0.2
        0.3      0.2      0.2      0.2      0.3      0.2      0.2      0.2      0.3      0.3
        0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
        0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0    -99.0
19    -99.0      0.4      0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
        0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.3      0.2      0.3
        0.3      0.2      0.2      0.3      0.2      0.3      0.3      0.2      0.2      0.3
        0.3      0.3      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3
        0.3      0.3      0.3      0.4      0.3    -99.0    -99.0    -99.0    -99.0
```

```
20 -99.0    0.0    0.0    0.0    0.1    0.0    0.1    0.0    0.0    0.1
    0.1    0.1    0.1    0.2    0.2    0.2    0.1    0.2    0.1    0.2
    0.2    0.2    0.1    0.2    0.2    0.2    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2
    0.3    0.2    0.2    0.2    0.2    0.2    0.3    0.3    0.3    0.3
    0.2    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3
    0.3    0.3    0.3    0.3    0.3  -99.0  -99.0  -99.0  -99.0
21 -99.0    0.1    0.1    0.0    0.0    0.0    0.1    0.1    0.1    0.1
    0.1    0.1    0.1    0.2    0.1    0.1    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.1    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2
    0.2    0.3    0.2    0.2    0.3    0.2    0.2    0.3    0.2    0.3
    0.3    0.3    0.2    0.3    0.3    0.3    0.3    0.2    0.3    0.3
    0.3    0.3    0.3    0.3    0.3  -99.0  -99.0  -99.0  -99.0
22 -99.0    0.0    0.1    0.0    0.0    0.0    0.0    0.0    0.1    0.1
    0.1    0.1    0.2    0.1    0.1    0.2    0.2    0.2    0.2    0.2
    0.2    0.2    0.1    0.2    0.2    0.1    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.3    0.3    0.2    0.2    0.2    0.3
    0.3    0.3    0.3    0.2    0.2    0.2    0.3    0.3    0.3    0.2
    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3    0.3
    0.3    0.3    0.3    0.3    0.3  -99.0  -99.0  -99.0  -99.0
23 -99.0    0.0    0.0    0.0    0.1    0.0    0.0    0.1    0.0    0.1
    0.1    0.1    0.1    0.1    0.2    0.1    0.2    0.1    0.2    0.2
    0.2    0.2    0.2    0.1    0.1    0.2    0.1    0.2    0.2    0.2
    0.3    0.3    0.2    0.2    0.2    0.2    0.3    0.2    0.2    0.2
    0.2    0.3    0.3    0.2    0.2    0.2    0.2    0.3    0.3    0.2
    0.3    0.3    0.2    0.3    0.2    0.3    0.3    0.3    0.3    0.3
    0.3    0.3    0.3    0.3    0.3  -99.0  -99.0  -99.0  -99.0
24 -99.0    0.0    0.0    0.1    0.0    0.0    0.1    0.1    0.1    0.1
    0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.1    0.2
    0.1    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.3    0.2    0.2    0.2    0.2    0.3    0.2
    0.3    0.2    0.2    0.3    0.2    0.3    0.2    0.2    0.2    0.3
    0.3    0.3    0.2    0.3    0.3    0.3    0.3    0.3    0.3    0.3
    0.3    0.3    0.3    0.3    0.3  -99.0  -99.0  -99.0  -99.0
25 -99.0    0.0    0.0    0.1    0.0    0.1    0.0    0.0    0.0    0.1
    0.1    0.1    0.1    0.1    0.1    0.1    0.1    0.2    0.1    0.2
    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.3    0.2    0.2    0.2    0.2    0.2    0.3
    0.2    0.2    0.2    0.3    0.2    0.2    0.3    0.2    0.2    0.3
    0.3    0.3    0.2    0.3    0.3    0.3    0.3    0.3    0.3    0.3
    0.3    0.3    0.3    0.3    0.3  -99.0  -99.0  -99.0  -99.0
26 -99.0    0.0    0.0    0.0    0.1    0.0    0.0    0.1    0.0    0.1
    0.1    0.1    0.1    0.2    0.1    0.2    0.1    0.2    0.2    0.2
    0.2    0.1    0.2    0.2    0.2    0.2    0.2    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.2    0.2    0.3    0.3    0.3    0.2
    0.2    0.3    0.2    0.2    0.2    0.2    0.2    0.3    0.2    0.2
    0.3    0.2    0.3    0.2    0.3    0.3    0.3    0.3    0.3    0.3
    0.3    0.3    0.3    0.3    0.3    0.3  -99.0  -99.0  -99.0
27 -99.0    0.0    0.0    0.1    0.0    0.1    0.1    0.1    0.1    0.1
    0.1    0.1    0.1    0.1    0.1    0.2    0.2    0.1    0.1    0.1
    0.2    0.2    0.2    0.2    0.2    0.1    0.1    0.2    0.2    0.2
    0.2    0.2    0.2    0.2    0.3    0.2    0.2    0.2    0.3    0.3
    0.2    0.2    0.2    0.2    0.3    0.3    0.3    0.3    0.3    0.3
```

```
         0.3      0.2      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3
         0.3      0.3      0.3      0.3      0.4      0.3    -99.0    -99.0    -99.0
28     -99.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.1
         0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.1      0.2
         0.2      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2
         0.3      0.3      0.2      0.2      0.3      0.2      0.3      0.3      0.2      0.2
         0.3      0.3      0.3      0.3      0.3      0.3      0.2      0.3      0.3      0.3
         0.3      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
29     -99.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1      0.1      0.1
         0.0      0.1      0.2      0.2      0.1      0.1      0.1      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.3      0.2      0.2      0.3      0.2      0.3
         0.2      0.3      0.2      0.3      0.2      0.2      0.2      0.2      0.2      0.3
         0.2      0.2      0.3      0.3      0.2      0.3      0.3      0.3      0.3      0.3
         0.3      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
30     -99.0      0.1      0.1      0.1      0.0      0.0      0.1      0.0      0.0      0.1
         0.1      0.1      0.1      0.1      0.2      0.1      0.2      0.1      0.2      0.1
         0.1      0.2      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.3      0.2      0.3      0.2      0.2      0.2
         0.3      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.2
         0.2      0.2      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.3
         0.3      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
31     -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.1
         0.0      0.2      0.2      0.1      0.2      0.2      0.1      0.1      0.1      0.2
         0.2      0.2      0.1      0.2      0.2      0.2      0.1      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3      0.3      0.2
         0.2      0.3      0.2      0.2      0.2      0.3      0.3      0.2      0.3      0.3
         0.3      0.3      0.3      0.2      0.3      0.3      0.3      0.3      0.3      0.2
         0.3      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
32     -99.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.1
         0.1      0.1      0.2      0.1      0.2      0.1      0.2      0.1      0.1      0.1
         0.2      0.2      0.2      0.2      0.2      0.1      0.2      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3
         0.2      0.2      0.2      0.3      0.2      0.2      0.2      0.2      0.2      0.3
         0.2      0.3      0.3      0.2      0.3      0.2      0.2      0.3      0.2      0.3
         0.3      0.3      0.3      0.3      0.3      0.3    -99.0    -99.0    -99.0
33     -99.0      0.0      0.1      0.0      0.0      0.0      0.1      0.1      0.1      0.1
         0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.2      0.1      0.2
         0.2      0.2      0.2      0.1      0.2      0.2      0.1      0.2      0.2      0.2
         0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.3
         0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
         0.2      0.2      0.3      0.3      0.3      0.3      0.3      0.3      0.3      0.3
         0.2      0.3      0.3      0.3      0.2      0.3    -99.0    -99.0    -99.0
34     -99.0      0.0      0.0      0.0      0.1      0.0      0.1      0.0      0.1      0.1
         0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.1
         0.1      0.1      0.2      0.2      0.1      0.2      0.2      0.1      0.2      0.1
         0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2      0.2
         0.3      0.2      0.2      0.3      0.2      0.3      0.3      0.3      0.2      0.3
         0.2      0.3      0.3      0.3      0.3      0.2      0.2      0.3      0.3      0.3
         0.2      0.2      0.3      0.2      0.3      0.3    -99.0    -99.0    -99.0
35     -99.0      0.0      0.0      0.0      0.1      0.0      0.0      0.1      0.0      0.1
         0.1      0.1      0.1      0.1      0.2      0.2      0.2      0.1      0.2      0.1
         0.1      0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.2
```

```
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.2
         0.2       0.2       0.2       0.2       0.2       0.3       0.3       0.3       0.2       0.2
         0.3       0.3       0.2       0.3       0.2       0.3       0.3       0.3       0.3       0.3
         0.3       0.2       0.3       0.3       0.3       0.3     -99.0     -99.0     -99.0
36     -99.0       0.0       0.0       0.0       0.1       0.0       0.0       0.1       0.1       0.1
         0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.1       0.1
         0.2       0.2       0.2       0.2       0.1       0.2       0.2       0.2       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.2
         0.2       0.2       0.2       0.2       0.3       0.3       0.2       0.3       0.2       0.2
         0.2       0.3       0.2       0.2       0.2       0.2       0.2       0.3       0.3       0.3
         0.2       0.3       0.2       0.2       0.2     -99.0     -99.0     -99.0     -99.0
37     -99.0       0.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0       0.1
         0.1       0.1       0.1       0.2       0.1       0.1       0.2       0.2       0.1       0.1
         0.1       0.1       0.1       0.2       0.1       0.2       0.1       0.2       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3
         0.2       0.2       0.2       0.2       0.3       0.2       0.2       0.3       0.2       0.3
         0.2       0.2       0.3       0.2       0.2       0.3       0.3       0.2       0.3       0.2
         0.3       0.2       0.3       0.2       0.2     -99.0     -99.0     -99.0     -99.0
38     -99.0       0.0       0.0       0.0       0.0       0.0       0.1       0.0       0.0       0.0
         0.0       0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.1       0.1
         0.1       0.1       0.1       0.2       0.1       0.1       0.2       0.1       0.2       0.1
         0.1       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2
         0.2       0.3       0.2       0.2       0.3       0.3       0.2       0.3       0.2       0.3
         0.2       0.3       0.2       0.3       0.2     -99.0     -99.0     -99.0     -99.0
39     -99.0       0.0       0.1       0.0       0.0       0.1       0.0       0.1       0.1       0.0
         0.0       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.1       0.2
         0.1       0.2       0.2       0.2       0.2       0.1       0.2       0.1       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3       0.2
         0.3       0.2       0.2       0.3       0.2     -99.0     -99.0     -99.0     -99.0
40     -99.0       0.1       0.0       0.0       0.1       0.0       0.0       0.1       0.0       0.0
         0.1       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.1       0.2
         0.2       0.2       0.1       0.1       0.1       0.1       0.1       0.1       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2
         0.2       0.2       0.3       0.2       0.2       0.2       0.2       0.2       0.2       0.2
         0.2       0.2       0.2       0.2       0.3     -99.0     -99.0     -99.0     -99.0
41     -99.0       0.0       0.1       0.1       0.1       0.0       0.0       0.0       0.1       0.1
         0.0       0.1       0.0       0.1       0.1       0.2       0.1       0.1       0.1       0.1
         0.1       0.1       0.2       0.1       0.1       0.1       0.2       0.1       0.2       0.1
         0.1       0.1       0.1       0.2       0.2       0.1       0.1       0.2       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.1       0.2       0.2       0.2       0.2
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.3
         0.2       0.2       0.3       0.2       0.3     -99.0     -99.0     -99.0     -99.0
42     -99.0       0.0       0.0       0.1       0.0       0.0       0.0       0.1       0.0       0.1
         0.1       0.0       0.1       0.0       0.0       0.2       0.1       0.1       0.2       0.1
         0.2       0.2       0.2       0.1       0.2       0.2       0.2       0.1       0.2       0.1
         0.2       0.1       0.1       0.1       0.1       0.2       0.2       0.2       0.2       0.2
         0.2       0.1       0.1       0.2       0.2       0.2       0.1       0.1       0.2       0.1
         0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2       0.2
         0.2       0.2       0.2       0.2       0.2     -99.0     -99.0     -99.0     -99.0
43     -99.0       0.0       0.0       0.0       0.1       0.0       0.0       0.1       0.1       0.1
```

```
        0.1      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.2      0.2
        0.1      0.2      0.2      0.2      0.1      0.2      0.1      0.2      0.2      0.1
        0.1      0.1      0.2      0.2      0.2      0.2      0.2      0.2      0.1      0.1
        0.2      0.2      0.2      0.2      0.1      0.2      0.1      0.1      0.2      0.2
        0.2      0.2      0.1      0.1      0.2      0.2      0.2      0.2      0.1      0.2
        0.2      0.2      0.2      0.2      0.2    -99.0    -99.0    -99.0    -99.0
 44   -99.0      0.0      0.1      0.0      0.0      0.0      0.1      0.0      0.0      0.1
        0.1      0.0      0.1      0.1      0.1      0.1      0.0      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.2
        0.1      0.1      0.1      0.1      0.2      0.2      0.1      0.1      0.2      0.1
        0.1      0.1      0.2      0.1      0.1      0.1      0.1      0.2      0.2      0.1
        0.2      0.2      0.1      0.2      0.1      0.2      0.1      0.1      0.2      0.2
        0.2      0.2      0.2      0.2    -99.0    -99.0    -99.0    -99.0    -99.0
 45   -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.1      0.0
        0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1
        0.1      0.1      0.2      0.1      0.1      0.1      0.2      0.1      0.1      0.1
        0.1      0.1      0.2      0.2      0.2      0.1      0.1      0.1      0.1      0.2
        0.1      0.2      0.1      0.2      0.2      0.2      0.1      0.1      0.2      0.2
        0.2      0.2      0.1      0.2    -99.0    -99.0    -99.0    -99.0    -99.0
 46   -99.0      0.1      0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.0
        0.0      0.1      0.1      0.0      0.0      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.2      0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1
        0.1      0.1      0.1    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 47   -99.0      0.0      0.0      0.1      0.0      0.1      0.0      0.1      0.1      0.0
        0.0      0.0      0.0      0.1      0.0      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.2      0.1      0.1      0.1
        0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.1      0.1    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
 48   -99.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.1      0.1
        0.0      0.1      0.1      0.1      0.0      0.0      0.1      0.1      0.1      0.1
        0.1      0.1      0.0      0.0      0.0      0.1      0.1      0.0      0.1      0.1
        0.0      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1      0.1
        0.0      0.1      0.1      0.0      0.1      0.1      0.1      0.1      0.1      0.0
        0.1      0.1      0.1      0.0      0.1      0.0      0.1      0.0      0.1      0.0
        0.0      0.0      0.0      0.0    -99.0    -99.0    -99.0    -99.0    -99.0
 49   -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.1      0.1      0.0      0.0      0.1      0.1      0.0      0.1      0.0      0.0
        0.1      0.1      0.1      0.1      0.0      0.0      0.1      0.1      0.1      0.0
        0.1      0.1      0.1      0.0      0.0      0.1      0.0      0.0      0.0      0.0
        0.1      0.0      0.1      0.0      0.0      0.1      0.1      0.1      0.0      0.0
        0.0      0.1      0.0      0.1      0.1      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0     -0.1     -0.1      0.0    -99.0    -99.0
 50   -99.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.1
        0.0      0.0      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0
        0.1      0.1      0.0      0.1      0.0      0.0      0.1      0.0      0.1      0.0
        0.1      0.1      0.0      0.1      0.1      0.0      0.1      0.0      0.1      0.1
        0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0     -0.1
```

```
        0.0     -0.1      0.0      0.0      0.0      0.0     -0.1      0.0    -99.0
51  -99.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1      0.0      0.0
        0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.1
        0.1      0.0      0.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0     -0.1      0.0      0.0     -0.1      0.0
        0.0     -0.1      0.0      0.0      0.0     -0.1      0.0     -0.1    -99.0
52  -99.0      0.1      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0     -0.1      0.0      0.0      0.0      0.0      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.1
        0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
       -0.1      0.0      0.0      0.0     -0.1      0.0      0.0      0.0     -0.1     -0.1
       -0.1     -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1
       -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1    -99.0
53  -99.0    -99.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0      0.0
        0.0     -0.1      0.0      0.0      0.0     -0.1     -0.1      0.0      0.0     -0.1
       -0.1      0.0      0.0      0.0     -0.1      0.0      0.0      0.0      0.0      0.0
       -0.1      0.0      0.0      0.0     -0.1     -0.1      0.0      0.0     -0.1     -0.1
        0.0     -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.2     -0.2     -0.1
       -0.1     -0.2     -0.2     -0.2     -0.1     -0.2     -0.1     -0.2    -99.0
54  -99.0    -99.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0      0.0
        0.0      0.0      0.0      0.0      0.0      0.0     -0.1      0.0     -0.1     -0.1
        0.0     -0.1     -0.1      0.0      0.0     -0.1     -0.1      0.0     -0.1      0.0
       -0.1     -0.1      0.0     -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1
       -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.1     -0.1
       -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.2     -0.1     -0.2
       -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2    -99.0
55  -99.0    -99.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1     -0.1
       -0.1     -0.1      0.0     -0.1      0.0      0.0     -0.1     -0.1     -0.1     -0.1
       -0.1     -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1
       -0.1     -0.1      0.0     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2
       -0.1     -0.1     -0.1     -0.2     -0.1     -0.2     -0.2     -0.1     -0.2     -0.1
       -0.2     -0.1     -0.1     -0.2     -0.1     -0.1     -0.2     -0.2     -0.3     -0.2
       -0.2     -0.3     -0.2     -0.2     -0.3     -0.2     -0.3     -0.2    -99.0
56  -99.0    -99.0      0.1      0.0      0.1      0.0      0.0      0.0      0.0      0.0
       -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1
       -0.1     -0.1     -0.2     -0.2     -0.1     -0.1     -0.2     -0.2     -0.1     -0.1
       -0.2     -0.1     -0.2     -0.2     -0.2     -0.1     -0.2     -0.1     -0.2     -0.2
       -0.1     -0.2     -0.2     -0.2     -0.2     -0.1     -0.2     -0.2     -0.3     -0.2
       -0.2     -0.2     -0.2     -0.2     -0.3     -0.3     -0.2     -0.3     -0.3     -0.3
       -0.3     -0.3     -0.3     -0.3     -0.3     -0.3     -0.3     -0.3    -99.0
57  -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1     -0.1
       -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2     -0.1     -0.1     -0.1
       -0.2     -0.1     -0.2     -0.1     -0.1     -0.1     -0.1     -0.1     -0.1     -0.2
       -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.3     -0.2
       -0.2     -0.3     -0.3     -0.2     -0.2     -0.2     -0.3     -0.2     -0.3     -0.3
       -0.3     -0.3     -0.3     -0.3     -0.3     -0.3     -0.3     -0.4     -0.4     -0.4
       -0.4     -0.4     -0.4     -0.4     -0.3     -0.4     -0.3     -0.4    -99.0
58  -99.0    -99.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0     -0.1
       -0.1     -0.2     -0.2     -0.2     -0.1     -0.2     -0.2     -0.2     -0.2     -0.2
       -0.2     -0.2     -0.2     -0.3     -0.2     -0.2     -0.3     -0.2     -0.2     -0.2
       -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.2     -0.3     -0.2     -0.3
```

```
      -0.2     -0.2     -0.2     -0.3     -0.3     -0.3     -0.3     -0.3     -0.3     -0.4
      -0.4     -0.3     -0.3     -0.4     -0.4     -0.5     -0.4     -0.4     -0.4     -0.5
      -0.5     -0.4     -0.4     -0.5     -0.5     -0.5     -0.5    -99.0    -99.0
  59 -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
     -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0    -99.0
```

Model Input Data for the McDonald-Harbaugh Twin Cities Model

Listings 1 to 9 contain values used in the McDonald-Harbaugh Twin Cities model for a particular modular-model package (McDonald and Harbaugh, 1988).

Listing
1. Input values for the BASIC package of the MODULAR program.

2. Input values for the Output Control Option of the BASIC package of the MODULAR program.

3. Input values for the BCF package of the MODULAR program.

4. Input values for the RECHARGE package of the MODULAR program.

5. Input values for the RIVER package of the MODULAR program.

6. Input values for the WELL package of the MODULAR program.

7. Input values for the DRAIN package of the MODULAR program.

8. Input values for the GENERAL-HEAD BOUNDARY package of the MODULAR program.

9. Input values for the SIP package of the MODULAR program.

Listing 1. Input values for the BASIC package of the MODULAR program
Large Twin Cities project (10-layer) model explicitly representing the Eau Claire confining unit; true heads

```
          10          59          69           1           1
07 15 11 12 00 00 16 09 10 00 00 13
           0           1
           5           1    (20I4)                    4         BOUND  1
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   1   1   1  -1   1  -1
   1  -1   1   1   1   1   1   1   1   1   1   1   1  -1   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   1   0
   0   0   1   1   1   1   1   1   1   1  -1  -1   1  -1   1   1   1   1  -1   1
   1   1   1  -1   1   1   1  -1   1  -1  -1  -1  -1  -1   0   0   0   0   0   0
   0   0   0   0   0   0   0   0   0
```

```
 0   0   0   0   0   0   0   0   0   0   0   0   0   0   1   1   1   1   1   0
 0   0   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1   1   1   1
 1   1   1   1   1   1   1   1   1  -1   1   1   1   1   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0   0   0   0   0   0   1   1   1  -1   1   1
 0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
-1  -1   1   1   1   1   1  -1   1   1   1   1  -1   1   1   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1  -1   1   1
 1   0   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1   1   1   1
 1   1  -1   1   1   1   1   1   1   1   1   1   1   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1
 1   0   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1  -1   1
 1   1   1   1   1   1   1   1   1   1   1   1   1   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1  -1   1   1
 1   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1
 1   1   1   1   1  -1  -1   1   1  -1   1  -1   1   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1  -1   1   1  -1   1   1   1   1   1   1   1
 1   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
 1   1   1   1  -1   1   1   1   1   1   1   1  -1   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1   1   1   1  -1   1   1   1   1   1   1   1
 1   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
 1   1   1   1   1  -1   1   1   1   1   1   1   1   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1  -1   1   1  -1  -1   1   1   1   1   1   1
 1   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1
 1   1   1   1   1  -1   1   1   1   1   1   1   1   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0  -1   1  -1   1   1   1   1   1   1  -1   1   1
 1   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
 1   1   1   1   1  -1   1   1   1   1   1   1   1   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0  -1  -1  -1   1   1   1   1   1   1   1   1   1
 1   1   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
 1   1   1   1   1   1  -1   1   1   1   1   1   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1   1  -1   1   1   1   1   1   1   1   1   1
 1   1   0   0   0   0   0   0   1   1   1   1   1   1   1   1  -1   1   1
 1   1   1   1   1   1  -1   1   1   1   1   0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1   1  -1   1   1   1   1   1   1   1   1   1
 1   1   1   1   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1
 1   1   1   1   1   1   1   1   1   1   0   0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1   1   1   1   1   1  -1   1   1   1   1   1
 1   1   1   1   1   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1
 1   1   1   1   1   1   1   1   1   1   0   0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   0
 0   0   0   0   0   0   0   0   1  -1   1   1   1   1   1   1   1   1  -1   1
 1   1   1   1   1   1   0   0   0   0   0   0   1   1   1   1   1   1   1   1
```

```
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0   -1   -1    1    1    1    1    1    1    1    1   -1   -1
1    1    1    1    1    1    1    1    0    0    0    0    0    1    1    1    1    1    1    1
1    1    1    1    0    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0   -1   -1    1    1    1    1    1    1    1    1   -1   -1
1    1    1    1    1    1    1    1    0    0    0    0    0    0    1    1    1    1    1    1
1    1    1    1    0    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0   -1   -1    1    1    1    1    1    1    1    1   -1    1
1    1    1    1    1    1    1    1    0    0    0    0    0    0    1    1    1    1    1    1
1    0    0    0    0    0    0    0    1    1    1    1    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0   -1    1    1    1    1    1    1    1    1    1   -1    1
1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    1    1    1    1    1
0    0    0    0    0    0    0    0    0    1    1    1    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0   -1   -1    1    1    1    1    1    1    1    1    1   -1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    1    1    1    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0   -1   -1    1    1    1    1    1    1    1    1    1    1   -1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0   -1   -1    1    1    1    1    1    1    1    1    1    1   -1
1    1    1    1    1    1   -1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0   -1   -1    1    1    1   -1    1    1    1    1    1    1    1
1    1    1    1    1   -1   -1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0   -1    1    1    1   -1    1    1    1    1    1    1    1    1
1    1   -1    1    1   -1   -1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    1   -1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1   -1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0   -1    1   -1    1    1   -1    1    1    1    1   -1    1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0   -1   -1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
```

```
0    0    0    0    0    0    0    0    1    1    1    1    1   -1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
1    1    1   -1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    1   -1    1    1   -1    1    1    1    1    1   -1
1    1    1    1    1    1    1    1    0    0    0    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0   -1    1   -1    1    1   -1    1    1    1    1    1
1    1    1    1    1    1    0    0    0    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    1    1    1    1    1    1   -1   -1    1    1    1    1
1    1    1   -1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    1    1    1    1    1    1    1    1    1    1   -1    1    1    1
1    1    1    1    1   -1    1    1    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    1    1    1    1    1    1    1    1    1    1   -1    1    1
1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   -1    1    1
1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0    0    1    1   -1
1    1    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    1    1
1    1    1    1    1   -1    1    1    0    0    0    0    0    1    1    1    1    1    1    1
1    1    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    1    1
1    1    1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
1    1    1    1    1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    1    1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    1    1    1    1    1    1    1    1    1    1    1    1
```

```
1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
        5         1    (20I4)                   4         BOUND  2
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    1    1    1    -1   -1   -1   1
1    -1   0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    1    1    1    -1   1    1    1    -1   -1   1
1    1    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    1    1    -1
1    -1   1    -1   -1   -1   1    1    1    1    1    1    -1   1    1    1    1    -1   1    1
```

```
1   1   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1
-1   1   1  -1   1   1   1   1   1   1   1  -1   1   1   1  -1   1   1   1   1
1   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1
1   1   1   1   1   1  -1  -1   1  -1   1   1   1   1  -1   1  -1   1   1   1
-1   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0  -1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1
1   1   1   1   1  -1   1   1   1  -1   1   1   1   1  -1   1   1   1  -1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   1   1  -1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1  -1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   1   1   1  -1  -1   1   1   1  -1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1  -1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1  -1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1   1   1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1   1   1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1   1   1  -1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1   1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
```

```
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1  -1   1   1   1   1   1  -1   1   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   0   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   0   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   0   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1  -1   1   1   1   1   1   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1  -1   1   1   1   1   1   1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1   1   1   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1  -1  -1   1   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0  -1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   0   0
```

```
0    0    0    0    0    0    0    0    0
0    0    0    0    0   -1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1   -1    1    1   -1    1    1    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1   -1    1    1    1    1    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1   -1    1    1
1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1   -1    1    1
1    1    1    1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    0    0    0    0    0    1    1   -1    1    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    1   -1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1   -1   -1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    1    1    1    1    1    1    1    1   -1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    1    1    0    0    0    0    0    1    1    1    1    1    1
1    0    0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    1    0    0    0    0    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1   -1    1    1    1    1
1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    1    1   -1    1   -1   -1   -1    1    1    1    1    1    1
```

```
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    1    1    1    1    1    1   -1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    1    1   -1    1    1    1   -1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    1
1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    1
1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0   -1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    0    0    0    0    0    0    1    1    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1   -1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1   -1   -1
-1   -1   -1   -1    0    0    0    0    0   -1   -1   -1   -1   -1   -1   -1    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0   -1    1    1   -1   -1   -1   -1
-1    1    1    1    1    1    1    1    1    1    1    1    1    1   -1   -1   -1   -1    1    0
0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
          5              1    (20I4)                        4         BOUND   3
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    1    1    1    1   -1    1    1
```

```
1   1   1   1   1   1   1   1   1    1    1   -1   1    1    1    1    1   -1   -1    1
1   1   1   1   1   0   0   0   0
0   0   0   0   0   0   0   0   0    0    0    0   1    1   -1   -1    1   -1    1    1
1   1   1   1   1   1   1   1   1    1    1   -1   1   -1   -1   -1   -1    1    1   -1
1   1   1  -1   1  -1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   0   0   0   0
0   0   0   0   0   0   0   0   0    1    1    1   1   -1   -1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1   -1    1    1    1    1    1    1
1   1   1   1   1   1  -1   1  -1    1   -1    1   1   -1    1   -1    1   -1    1    1
1   1   1   1   0   0   0   0   0
0   0   0   0   0   0   1   1   1    1    1    1   1    1   -1   -1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1  -1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   0   0   0   0   0
0   0   0   0   1   1   1   1   1   -1    1    1   1    1   -1   -1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1  -1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   0   0   0   0   0
0   0   0   1   1   1   1  -1   1   -1    1    1  -1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   0   0   0   0   0
0   0   0   1   1  -1  -1   1   1    1    1    1  -1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1  -1   1   1   1   0   0   0   0
0   0   0   1   1  -1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1  -1   1   1   0   0   0   0
0   0   1   1  -1  -1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   0   0   0   0   0
0   0   1   1  -1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   0   0   0   0   0   0   0   0
0   0   1   1  -1  -1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1   -1
1   0   0   0   0   0   0   0   0
0   0   1  -1  -1  -1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   0   0   0   0   0   0   0   0
0   0   1  -1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1    1
1   1   1   1   1   1   1   1   1    1    1    1   1    1    1    1    1    1    1   -1
1   1   0   0   0   0   0   0   0
```

```
0   0   1  -1  -1   1  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   0   0   0   0   0   0   0
0   0   1  -1   1   1  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   0   0   0   0   0   0   0
0   0   1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   0   1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   0   1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   0   1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   0   1  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   0   1  -1   1   1  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   0  -1  -1   1   1  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   1  -1   1   1   1  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   1  -1   1   1   1  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1  -1   1   1   1  -1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

```
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1   -1   -1   -1   -1   -1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1   -1    1   -1    1   -1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1   -1    1    1    1    0    0    0    0
0    1   -1   -1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    .    1    1    1    1    1    1
1    1    1    1    0    0    0    0    0
0    1   -1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    0    0    0    0    0
0    1   -1   -1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    0    0    0    0    0
0    1   -1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    0    0    0    0    0
0   -1    1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    0    0    0    0    0
0   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    0    0    0    0    0
0    1   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    0    0    0    0    0
```

```
0   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   1  -1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1  -1   1   1   1
1   1   1   1   0   0   0   0   0
0   1  -1  -1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0  -1  -1   1  -1   1   1   1   1    1   1  -1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   0   0   0   0   0   0
0   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   0   0   0   0   0   0   0
0   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   1   1   1  -1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   1  -1   1   1   1   1   1  -1    1  -1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0  -1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   1   1   1   1   1   1   1   1   -1   1  -1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1    1  -1  -1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1  -1   1   -1   1   1  -1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1  -1   1   1   1   1   1   -1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1  -1   0
0   0   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1    1   1   1   1   1   1   1   1   1   1   1
```

```
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1   -1   -1   -1
-1   -1   -1   -1   -1   -1   -1    1    0
 0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1   -1   -1   -1   -1   -1   -1    1    1    1    1    1    1    1   -1    1    1    1
 1    1    1    1    1    1    1    1    0
 0    0    1    1    1   -1   -1    1   -1   -1   -1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    0    0
 0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 0    0    0    0    0    0    0    0    0
         5         1      (20I4)                                 4              BOUND   4
 0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 0    0    0    0    0    0    0    0    0
 0    0    0    0    0    0    0    0    0    1    1    1    1    1    1   -1    1    1    1    1
-1    1    1    1    1    1    1    1    1   -1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    0    0
 0    0    0    0    0    1    1    1    1    1   -1   -1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    0
 0    0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    0    0    0
 0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    0    0    0
 0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    0    0    0
 0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
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 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    0    0    0
 0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
```

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1 1 1 1 1 1 1 0 0
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1 1 1 1 1 1 0 0 0
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 0 0 0 0 0
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 0 0 0 0
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 0 0 0 0
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 0 0 0 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
```

```
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0  -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

```
1   1   1   1   1   0   0   0   0
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0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0
      5           1       (20I4)                   4           BOUND   5
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

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1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  0  0  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
```

```
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
```

```
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
```

```
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 0 0 0 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 0 0 0 0 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 0 0 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

```
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
       5           1    (20I4)                    4         BOUND  6
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0
0    0    0    0    0    0    0    0    0    1    1    1    1    1    1    1    1    1    1    1
1  . 1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    0    0
0    0    0    0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    0
0    0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    0    0
0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    0    0    0    0    0
0    0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
```

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1   1   1   0   0   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   0   0   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

```
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

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1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
```

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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0
         5           1       (20I4)                       4           BOUND   7
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   1   0   0
0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

```
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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```

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```

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1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  0  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  0  0  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
```

```
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0
       5         1    (20I4)                 4         BOUND  8
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  0  0
0  0  0  0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
```

```
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   1   1   1   0   0   0
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1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   0   0   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1   1   1   0   0   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   C   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

```
1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
```

```
1  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
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0  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1   1  `  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
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0  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
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0  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
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1  1  1  1  1  1  1  1  1   1  1  1  1  1  1  1  1  1  1
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```

```
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
```

```
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0
        5           1       (20I4)                   4           BOUND   9
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

```
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   0   0   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   0   0   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
```

```
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 0 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 0 0 0
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 0 0 0
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 0 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
```

```
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  0  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  0  0  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  0
```

```
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0
       5           1   (20I4)                   4           BOUND   10
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   -1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
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1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  0  0  0
0 -1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  0  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  0  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  0  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  0  0  0  0
0  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1
```

```
1    1    1    1    1    0    0    0    0
0   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    0    0    0    0
0   -1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    0    0    0
0    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
```

```
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
```

```
1   1   1   0   0   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   0   0   0   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   0   0   0   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   0
0   0   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
1   1   1   1   1   1   1   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
0   0   0   0   0   0   0   0   0
999999999.
```

```
        5        1.0            (10F8.1)         8        START HEAD   1
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
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   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0   890.9   891.2   891.0   891.0   891.1   893.0
 894.2   893.0   899.6   904.2   907.4   910.5   914.4   918.2   921.8   927.6
 933.5   938.5   943.2   944.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   856.3     0.0
   0.0     0.0   843.0   842.5   841.2   844.8   847.8   850.1   854.8   860.7
 865.0   865.0   878.1   888.0   888.5   888.9   888.8   888.0   887.0   891.0
 894.9   898.4   903.2   910.0   908.2   910.0   914.0   919.0   921.7   925.0
 925.0   925.0   925.0   947.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0   864.4   861.2   858.3   855.7   855.1     0.0
   0.0     0.0   844.2   844.4   844.8   847.3   850.9   853.5   856.2   859.9
 863.5   867.0   871.4   875.8   875.0   883.6   886.6   888.4   889.5   891.6
 892.4   893.8   896.7   898.9   901.1   906.5   915.1   924.7   925.7   926.0
 921.3   925.6   931.1   940.2   941.5     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0   864.9   861.0   857.5   853.0   853.0   852.1
   0.0     0.0   844.0   844.3   845.0   847.6   851.3   853.6   855.5   858.3
 861.5   864.1   867.3   871.8   875.8   881.3   884.7   886.8   888.6   887.6
 882.0   883.0   889.5   892.6   896.9   902.9   916.1   945.0   928.5   919.5
 925.4   934.5   925.0   936.9   939.4     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   973.4   970.8
 949.3   927.6   908.1   890.6   869.4   860.4   857.1   853.0   852.0   850.9
 850.0     0.0   842.5   842.6   843.5   845.6   848.1   850.8   853.1   854.9
 858.7   861.5   864.3   867.9   876.0   880.0   883.4   884.0   886.3   886.1
 885.2   884.1   883.0   884.6   886.3   890.6   899.0   910.6   912.7   914.2
 932.9   943.8   930.3     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   973.2   975.0
 948.8   925.5   904.7   889.3   871.2   860.3   856.8   853.5   851.4   850.0
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849.2     0.0   840.8   840.9   841.0   841.9   843.7   845.7   849.9   854.8
857.4   861.2   864.4   866.1   875.2   885.0   880.1   881.6   886.0   883.4
882.1   880.7   879.0   878.3   877.5   877.5   881.9   893.5   902.8   911.8
930.4   958.6   938.5     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   972.3   981.4
949.1   923.3   899.2   887.3   872.1   861.2   855.0   852.0   849.4   847.7
846.0     0.0   836.2   836.5   837.0   838.0   839.8   844.2   849.9   853.6
857.1   861.3   865.0   867.7   871.8   874.2   876.3   882.0   878.4   876.2
876.2   874.8   873.4   871.4   866.8   858.0   858.0   882.0   900.3   927.0
937.5   981.0   953.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   970.2   994.0
947.6   921.6   889.0   885.7   872.4   860.3   852.5   848.7   847.7   846.0
841.8     0.0   827.8   828.2   829.6   832.5   839.0   843.8   848.3   854.1
859.0   861.8   864.4   867.0   869.7   871.0   871.7   872.4   871.5   869.7
870.2   869.8   867.8   864.1   858.0   861.2   867.5   886.0   908.3   926.8
939.7   964.0   993.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   965.0   984.0
944.7   919.1   889.0   884.6   871.7   858.2   850.4   845.2   845.0   842.2
838.0     0.0   818.1   817.8   819.3   823.4   833.0   842.2   850.2   856.4
859.5   862.1   864.3   866.7   868.5   869.2   868.9   867.0   864.7   861.2
862.7   864.0   862.2   860.3   858.8   858.0   870.7   889.5   908.2   924.4
937.8   953.5   971.3     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   957.0   986.0
940.5   919.1   889.0   889.0   870.4   857.5   847.6   839.8   840.7   836.8
835.9     0.0   808.2   803.1   809.2   817.3   827.0   841.5   851.0   855.7
859.2   862.1   864.3   866.5   867.8   868.2   867.7   863.3   857.7   839.0
847.2   852.8   853.9   854.9   855.9   858.0   872.5   887.9   906.8   922.3
935.3   948.3   955.6     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   944.0   962.7
934.0   919.4   895.7   887.6   873.1   855.1   845.0   828.0   834.9   832.7
833.1     0.0     0.0   765.0   790.7   808.6   819.2   842.0   849.5   854.8
859.4   862.5   864.5   866.2   867.2   867.7   867.7   865.6   860.0   849.8
845.8   848.2   850.0   851.5   853.7   858.0   867.5   884.8   906.7   920.9
932.3   942.7   950.6     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   944.0   950.0
944.0   919.5   898.1   887.5   873.4   853.2   843.7   834.6   834.4   830.5
829.7   823.0     0.0     0.0     0.0     0.0     0.0   846.4   851.2   856.1
860.4   863.3   864.9   866.1   866.9   867.8   869.2   870.8   862.1   851.1
846.5   846.6   848.0   849.7   851.3   853.8   858.0   880.5   904.0   917.4
929.0   940.4     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   942.3   939.8
944.0   918.7   900.0   887.5   873.2   850.3   842.5   837.6   835.1   829.3
827.9   824.2     0.0     0.0     0.0     0.0     0.0     0.0   853.8   857.4
861.5   863.9   865.3   866.0   866.7   868.0   871.1   882.0   863.0   849.5
844.2   844.1   845.3   846.0   847.1   849.9   858.0   881.0   899.7   912.6
926.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
```

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   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   940.0   935.0
 944.0   917.5   902.1   887.0   877.8   846.6   840.9   839.8   837.2   830.6
 827.0   822.8   821.6   821.4     0.0     0.0     0.0     0.0     0.0     0.0
 863.5   864.9   865.5   866.2   866.7   867.9   868.3   867.8   861.0   852.1
 846.8   844.8   842.5   841.0   841.9   840.2   860.0   882.1   896.0   904.7
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   937.2   932.7
 932.4   916.1   902.4   883.2   887.0   849.4   839.4   840.9   842.5   834.8
 826.7   818.0   820.6   821.2   821.8     0.0     0.0     0.0     0.0     0.0
   0.0   865.8   866.1   866.8   867.0   867.5   866.3   863.7   859.0   851.2
 846.1   842.8   838.4   835.8   832.3   830.8   856.9   880.5   892.7   899.5
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   933.9   930.0
 928.1   915.1   902.0   878.8   875.2   847.4   838.0   841.4   854.0   841.2
 827.2   816.4   819.9   820.7   821.3   822.3     0.0     0.0     0.0     0.0
   0.0     0.0   866.0   867.4   867.9   867.4   864.2   861.2   856.2   849.1
 843.5   839.6   835.8   832.6   822.4   825.2   850.6   876.7   889.2   895.2
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   930.0   930.0
 926.0   913.9   901.3   874.6   865.9   844.2   836.3   840.5   854.0   854.0
 828.9   817.7   819.7   820.1   820.5   822.0   823.5   824.1     0.0     0.0
   0.0     0.0     0.0   868.4   869.0   867.5   862.2   859.2   853.9   847.4
 840.3   835.6   833.6   831.8     0.0   815.5   843.5   871.7   885.3   891.5
 898.2     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   930.0   930.0
 924.0   912.7   900.3   869.7   859.1   840.4   834.4   839.3   854.0   854.0
 828.6   818.1   819.5   819.4   819.0   819.3   821.3   822.0     0.0     0.0
   0.0     0.0     0.0     0.0   871.1   867.5   861.7   857.6   852.1   846.6
 841.7   834.6   832.3   829.9     0.0   811.8   830.8   862.3   880.2   886.9
 891.9   909.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   930.0   930.0
 922.6   911.2   898.8   865.8   850.8   836.5   832.4   837.5   854.0   842.7
 825.3   818.5   819.3   818.5   815.5   816.7   817.3   817.6     0.0     0.0
   0.0     0.0     0.0     0.0   872.3   867.4   861.2   856.7   851.5   846.9
 843.7     0.0     0.0     0.0     0.0     0.0     0.0     0.0   871.4   877.0
 888.1   909.6     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   930.0   928.5
 921.0   909.5   897.2   862.7   844.4   833.6   830.7   834.1   854.0   839.8
 825.2   820.1   819.7   817.8   814.3   814.2   814.1   814.2   813.1     0.0
   0.0     0.0     0.0     0.0     0.0   866.4   860.6   854.0   849.5   846.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   872.0
 885.2   909.3     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0   930.0   930.0   927.3
 919.3   908.1   895.5   860.1   840.4   831.3   829.9   831.8   854.0   842.9
 829.5   821.0   820.1   817.9   812.6   810.2   811.6   812.1   812.3   812.5
   0.0     0.0     0.0     0.0     0.0     0.0   859.6   852.4   849.4     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
```

```
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0    930.0    930.0    925.4
  913.9    902.0    893.4    857.1    837.1    829.2    829.4    828.6    840.9    847.0
  836.0    825.3    821.9    818.6    811.3    808.8    809.4    810.6    811.6    813.5
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0    930.0    930.0    922.6
  910.7    901.8    891.5    854.2    835.9    827.6    827.1    826.5    834.8    847.0
  836.2    830.8    826.0    821.3    813.5    811.0    813.0    808.6    810.1    811.8
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0    930.0    930.0    920.3
  910.1    903.6    904.0    857.9    837.7    828.4    822.8    823.3    829.3    829.9
  833.0    833.2    833.2    824.4    817.0    814.0    814.0    808.3    808.7    808.5
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0    930.0    929.8    916.9
  908.4    905.0    882.0    857.7    841.2    831.2    822.5    821.0    825.2    822.8
  829.8    835.4    882.0    840.5    822.4    814.0    814.0    809.3    807.3    806.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0    936.5    932.0    912.4
  901.8    894.5    872.3    856.5    843.2    834.8    825.9    824.0    825.0    822.0
  822.5    823.2    827.2    820.9    815.2    813.4    819.0    806.1    800.6    796.9
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0    940.9    930.0    907.7
  896.8    886.2    866.4    851.7    842.0    837.8    834.5    834.4    829.9    823.6
  816.8    812.4    810.8    808.8    806.2    804.0    802.2    797.7    793.7    790.6
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0    944.0    934.7    899.0
  887.4    872.1    851.0    845.5    840.6    839.4    839.7    857.0    832.5    823.4
  813.7    806.9    804.2    802.0    799.6    797.1    794.5    791.5    788.5    786.2
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0    956.0    897.0
  878.5    863.0    846.1    842.7    838.6    837.5    836.5    835.8    826.8    820.6
  812.6    805.3    801.2    798.4    795.7    793.1    790.3    787.6    786.0    783.9
```

```
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0  941.8  893.1
874.6  852.5  839.3  838.0  836.4  835.0  832.8  828.9  820.2  815.8
809.1  802.8  798.6  795.5  792.6  789.8  787.2  784.8  782.6  780.8
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
861.8  868.2  882.8  904.0  878.8  853.7  822.8  812.2    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0  881.2
881.0  836.7  832.1  838.0  831.9  832.9  830.9  826.6  818.7  808.0
804.0  799.5  795.8  792.7  789.7  786.9  785.0  784.8    0.0    0.0
  0.0  803.9  806.1  810.3  824.6  840.0  846.6  850.8  851.5  851.2
850.9  850.2  847.9  846.1  840.3  832.4  821.8  807.8    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0  864.0
856.7  814.0  825.4  829.9  832.0  832.4  830.8  827.1  819.3  808.9
803.0  797.9  793.6  790.2  786.9  784.5    0.0    0.0    0.0  799.3
802.2  805.0  808.2  812.1  824.4  842.8  850.4  855.9  854.9  852.8
850.9  847.3  843.4  837.4  832.8  826.1  818.0  805.3    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0  802.6  804.0
806.2  811.1  815.3  814.0  785.0  837.0  849.1  856.5  858.2  855.7
851.8  847.4  832.5  797.0  812.5  811.3  810.4  804.1    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0  806.2  807.8  813.0  821.4
828.8  835.6  840.7  844.6  844.8  843.7  817.0  853.0  867.3  867.4
857.6  847.6  840.8  832.0  822.5  770.0  809.3  816.6    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0  829.9  831.1  835.3  841.7  848.1
854.0  859.6  864.6  869.8  873.7  874.2  869.7  858.0  879.4  885.3
883.4  878.5  872.3  864.6  858.5  856.8  857.5  858.1    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0  908.0  906.5  899.5
891.8  887.5  881.3  875.6  870.6  866.1  863.7  864.8    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
  0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0    0.0
```

```
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0   910.3   907.5   905.8     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0   923.3   925.0   935.0
 918.1   911.7     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   918.3   918.5
 918.6   918.7   922.5   928.8   939.6   956.0   944.1   938.8     0.0     0.0
   0.0     0.0     0.0   920.5   919.1   918.4   918.2   917.5   915.5   914.0
 911.8   910.7     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   937.4   938.5
 939.3   938.0   935.0   932.0   934.8   937.4   936.8   938.3   938.5   937.8
 936.6   935.6   934.5   933.4   931.8   929.8   926.9   924.4   922.9   922.5
 921.9   921.6     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
 958.3   957.5   957.8   957.1   955.9   956.2   955.0   954.8   954.0   952.8
 950.3   948.2   946.5   944.2     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0   973.1   972.1   971.0   970.0   969.1   969.2   970.8   970.4
 968.3   966.5   963.5   960.4     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   984.2   983.4
 982.2   980.8   979.3   977.8   977.0   975.4   973.4   971.2   968.6   966.0
 963.7   961.9   960.2   958.4   956.5   954.5   951.9   949.3   947.5   946.6
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   991.9   991.4
 990.3   988.9   987.2   984.8   982.1   979.3   977.5   975.2   972.5   969.8
 967.5   965.7   964.0   962.3   960.8   959.2   958.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   999.4
 998.6   997.3   995.8   993.6   990.9   987.8   984.7   981.3   977.9   974.5
 971.6   969.5   967.4   965.4   963.7   962.2     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
```

```
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0     991.6
991.5     991.1     990.6     990.2     990.7       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
       5        1.0                 (10F8.1)            8              START HEAD   2
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
  0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
```

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	954.3	955.7	959.0	958.0	940.0	940.0	940.3
946.5	962.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
935.8	936.4	935.1	928.0	947.7	952.2	950.8	940.0	930.0	928.6
921.3	915.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	880.6	880.0	879.0
879.3	879.0	880.9	882.0	882.0	882.0	893.2	904.8	912.7	918.2
925.9	931.7	929.0	943.9	951.5	954.9	949.3	942.0	939.7	929.3
919.5	913.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	860.8	855.1	844.8	831.0	830.4	831.0	844.0
852.2	858.4	862.3	865.0	867.4	869.5	871.3	873.0	874.6	876.0
877.2	878.0	878.5	879.7	880.7	881.0	881.3	880.6	879.0	880.9
881.0	882.3	882.7	882.0	886.3	890.4	898.9	907.0	912.4	919.2
924.7	926.0	936.7	945.7	960.5	967.0	956.9	952.6	937.4	922.7
910.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	862.8	858.8	854.4	850.5	848.8	848.5	848.8
854.7	858.6	860.7	862.3	864.0	865.6	867.2	868.7	870.2	871.5
872.7	873.9	874.9	875.9	877.9	879.5	880.0	879.0	883.2	886.5
888.5	890.2	892.0	894.1	896.8	899.6	909.0	909.0	910.4	909.0
924.1	931.8	936.8	945.8	966.0	955.2	959.0	943.5	927.7	906.8
860.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	880.0	875.1	863.3	857.6	855.9	853.7	852.0	851.3	851.5
852.2	854.5	856.4	858.0	859.7	861.4	863.1	864.7	866.3	867.7
868.9	869.9	870.9	873.0	876.3	879.5	882.0	884.0	886.7	890.0
890.2	890.6	891.0	892.0	892.9	893.0	900.0	904.7	907.2	909.0
920.0	929.4	938.0	946.0	958.0	950.0	945.4	936.4	900.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	944.6

```
928.4   880.0   880.7   866.1   860.4   854.9   851.3   848.5   847.6   846.7
845.9   844.6   846.9   847.9   851.0   853.7   856.3   858.9   861.9   864.1
865.3   866.2   866.8   867.2   870.5   874.7   877.5   878.3   879.6   882.8
885.5   886.6   888.0   889.5   891.2   894.5   898.8   902.2   905.0   910.0
915.4   920.8   928.0   934.0   941.7   956.0   944.7   933.5   904.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   945.6
933.0   906.7   901.0   871.0   857.5   850.4   846.2   841.0   841.2   840.0
838.8   836.2   838.5   840.0   841.8   843.6   845.3   846.5   848.7   851.9
854.5   857.0   859.7   862.5   864.5   867.5   870.9   872.4   872.9   875.0
878.8   881.7   884.1   886.8   888.9   891.2   894.5   898.5   901.8   906.5
909.2   911.4   917.2   927.6   932.4   938.2   955.0   929.8   895.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   975.1   960.9   947.3
933.4   915.3   901.7   875.4   857.0   850.6   845.9   841.7   839.3   837.1
835.1   830.4   832.4   833.4   834.5   836.4   838.8   839.7   840.2   842.0
844.1   847.0   850.0   854.0   857.0   860.0   863.9   867.2   868.5   869.1
871.0   873.9   876.3   879.4   882.7   886.0   889.7   893.6   897.3   901.0
904.7   906.9   913.5   922.0   926.6   930.5   931.2   923.3   906.1     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   974.5   960.1   946.2
932.5   916.5   906.0   875.8   857.1   849.6   844.8   840.9   837.8   834.7
832.3   827.9   828.7   829.2   829.8   830.7   832.3   833.6   833.9   835.1
836.7   839.3   842.5   846.4   850.8   854.1   857.3   861.3   863.4   864.7
865.8   867.9   870.5   873.0   876.3   880.5   885.1   890.1   894.5   897.8
899.6   902.2   908.5   918.9   923.1   926.5   926.3   919.4   891.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   972.9   956.9   942.6
929.3   911.5   895.5   875.6   858.1   847.3   843.2   839.3   835.6   832.1
829.3   824.6   824.9   825.0   825.3   826.1   827.1   827.8   828.1   829.0
829.8   831.3   833.1   837.5   844.7   849.0   850.8   855.1   858.3   859.9
861.0   862.2   864.5   866.9   869.9   873.7   878.7   883.4   889.3   892.9
893.8   898.4   906.0   918.3   920.8   925.2   925.2   919.7   891.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   970.5   953.2   939.8
923.5   905.7   890.3   873.6   857.7   846.6   841.1   837.3   833.5   829.7
826.5   821.7   821.9   821.8   821.4   821.0   821.0   821.6   821.8   821.0
821.8   823.6   826.0   829.7   833.4   840.4   845.5   848.8   852.4   855.5
856.2   856.8   858.2   859.9   862.6   866.4   871.3   876.7   882.5   889.3
893.0   896.5   905.9   938.0   921.5   923.1   923.2   920.1   908.9     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   967.2   951.2   936.6
917.7   901.3   886.6   871.0   856.6   847.0   839.9   833.9   829.4   825.6
822.4   815.4   816.1   816.0   815.4   814.5   814.3   814.2   813.3   813.7
814.9   816.7   818.9   822.2   826.1   831.8   837.0   842.0   843.7   848.6
851.7   852.6   853.6   854.6   856.2   859.2   864.3   870.1   876.1   884.0
889.7   893.8   904.1   909.8   925.0   922.5   917.9   919.0   910.2     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   964.3   948.1   933.5
913.3   898.5   883.2   868.0   854.4   845.4   836.8   829.3   823.5   819.5
816.3   808.9   807.9   807.1   806.3   805.8   804.1   803.8   804.2   805.2
806.5   808.3   810.4   813.5   817.5   821.8   826.5   831.8   833.8   837.5
841.5   843.8   846.1   848.4   849.7   852.6   859.3   864.6   869.7   875.9
882.5   889.2   900.5   901.0   923.0   917.0   912.0   918.4   899.0     0.0
```

```
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   960.7   943.8   929.9
910.0   896.0   880.9   866.6   851.9   841.8   832.9   826.5   819.0   814.2
810.3   803.0   799.8   798.1   797.3   796.5   795.0   794.7   795.2   795.6
796.7   798.3   800.1   803.3   807.5   812.4   817.0   822.0   826.3   829.5
831.7   833.5   836.0   839.3   842.4   846.3   853.7   861.6   866.2   871.8
877.0   883.1   889.7   894.1   903.8   917.0   905.5   916.2   911.5     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   957.0   939.2   926.3
907.2   893.3   877.9   863.9   849.6   837.4   830.2   823.5   815.6   810.3
805.3   797.4   791.8   789.5   788.6   787.2   786.2   786.1   786.2   786.8
787.6   788.9   790.7   793.8   798.6   804.1   808.9   813.6   817.9   822.4
826.3   826.7   828.8   831.3   835.0   840.0   848.8   857.5   863.3   869.6
874.7   877.8   881.2   888.0   896.6   903.7   889.0   905.9   911.5     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   953.1   934.5   922.3
904.9   889.8   874.0   858.0   846.3   836.7   826.2   820.5   813.7   806.5
800.1   791.4   786.1   781.0   778.8   777.8   777.6   777.8   777.9   778.4
779.5   781.0   782.8   785.6   790.4   795.3   799.4   803.6   806.8   811.6
817.4   817.8   819.6   822.1   824.5   830.4   842.7   853.9   862.2   870.1
876.2   874.9   871.7   881.2   891.3   898.1   892.9   882.0   905.7     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   949.7   931.4   918.1
902.9   886.2   871.7   855.8   845.7   834.8   824.5   819.5   812.8   803.9
795.4   781.5   778.7   776.6   772.5   770.4   770.1   770.3   770.9   771.4
772.9   774.3   776.3   779.2   783.5   787.6   791.6   795.8   799.3   802.9
805.1   807.7   810.8   813.4   815.3   818.4   834.3   850.8   862.7   874.0
885.5   873.6   855.1   876.4   886.1   894.2   889.2   882.0   908.4     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   946.8   928.7   913.2
901.5   883.5   869.2   854.6   846.5   832.5   824.3   819.2   812.4   802.3
791.6   779.1   773.7   770.8   766.7   764.1   763.4   764.1   765.3   766.2
767.7   769.2   771.2   774.2   778.0   781.4   785.8   790.7   794.0   798.1
799.5   800.3   803.5   805.3   806.9   810.6   827.5   848.3   862.9   879.3
904.4   874.4   858.7   875.1   883.9   891.2   882.0   889.3     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   943.7   926.2   910.5
899.8   881.0   866.2   853.8   845.4   830.7   824.5   819.2   811.9   800.8
790.6   779.3   772.1   767.6   765.1   761.3   755.5   758.2   760.2   761.6
762.8   764.2   766.1   768.8   772.7   775.6   780.3   786.0   788.9   790.5
791.7   792.5   794.6   795.8   797.4   803.2   821.7   844.8   861.5   883.8
949.0   880.0   862.5   875.3   881.6   888.3   882.0   891.1     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   940.3   923.4   908.2
897.5   878.4   864.0   853.8   841.2   830.0   824.3   818.8   811.7   800.7
791.9   783.0   773.2   768.9   765.2   760.4   753.2   752.6   755.7   757.2
758.2   759.1   760.6   763.3   767.7   770.7   775.1   780.7   783.2   784.5
785.1   785.5   786.0   786.5   787.5   794.1   815.2   840.1   856.5   873.4
897.4   874.9   867.7   876.7   879.0   885.4   892.7     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0   936.7   920.3   906.2
894.4   876.1   861.9   851.7   837.7   828.7   823.2   818.1   812.4   802.5
793.0   785.5   775.5   771.0   766.9   762.1   757.5   755.0   752.1   753.2
753.9   754.4   755.6   758.6   763.2   767.0   771.2   775.4   777.8   779.2
```

```
 779.6    780.1    780.1    780.9    782.0    788.0    808.8    834.8    850.6    863.1
 874.6    871.9    879.2    879.8    875.4    883.2    902.8      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0    930.0    916.8    904.7
 891.5    873.6    859.5    849.5    835.7    826.7    822.0    817.3    811.6    805.5
 794.7    786.2    778.6    773.8    769.3    764.5    760.2    756.8    753.8    749.5
 750.2    750.4    750.6    754.9    759.8    764.0    768.2    771.4    773.0    773.7
 775.0    775.8    776.6    777.8    778.6    785.0    803.1    829.5    845.2    856.0
 867.0    874.1    905.3    884.2    869.2    881.4    921.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0    930.0    914.1    903.1
 888.5    871.4    857.4    848.1    833.7    823.5    820.4    816.4    811.3    806.8
 796.4    787.3    781.0    776.5    772.4    767.7    763.2    759.4    755.8    751.7
 747.4    748.1    749.8    753.5    757.8    761.8    765.3    768.0    768.5    767.7
 767.3    769.0    771.9    773.5    775.7    781.6    795.0    821.4    840.8    850.9
 864.9    883.8    962.0    887.6    855.3    879.0    902.4    889.3      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0    930.0    912.3    901.0
 886.0    869.5    855.3    846.2    831.9    822.4    818.8    815.3    810.8    807.2
 798.7    788.6    783.0    778.8    775.7    770.8    766.2    762.0    758.0    753.7
 749.3    745.5    749.0    752.8    756.7    760.2    763.2    765.0    764.4    762.0
 758.9    760.0    763.5    764.5    768.2    778.5    788.3    809.9    834.1    845.0
 862.0    885.4    933.8    879.2    825.1    877.5    897.5    886.5    884.3      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0    930.0    910.7    899.2
 884.1    867.8    853.3    843.9    829.5    820.7    816.9    814.3    810.5    806.7
 799.5    789.7    784.7    780.9    777.8    773.5    768.8    764.3    759.9    755.3
 750.3    744.4    748.6    752.6    756.4    759.3    761.8    763.4    762.2    758.2
 747.2    752.3    757.5    765.4    771.4    777.6    785.7    802.7    825.7    839.7
 855.7    882.8    954.0    876.6    822.8    879.5    901.1    882.5    883.1      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0    924.7    909.2    897.5
 882.7    866.6    851.4    841.6    827.0    818.8    814.8    813.2    809.9    805.5
 799.3    791.1    786.4    783.0    780.5    776.7    771.1    766.2    761.5    756.6
 751.1    744.6    748.7    752.5    756.2    759.0    760.8    762.0    760.7    757.0
 751.9    759.4    763.8    768.7    773.9    777.9    778.8    795.2    810.6    833.1
 847.3    871.3    904.5    874.8    848.2    886.1    925.0    879.8    882.1      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    938.0    930.0    921.9    907.2    895.6
 881.8    866.0    849.5    838.5    823.9    816.4    812.3    811.4    809.2    803.0
 796.2    792.5    788.1    785.3    783.6    780.4    775.0    768.1    763.1    757.7
 752.0    745.4    748.8    752.0    755.8    758.4    759.9    760.0    755.1    750.8
 763.5    766.7    770.1    773.2    776.2    778.1    778.3    789.7    798.5    817.5
 838.1    858.8    877.5    870.1    861.5    901.0    880.0    877.1      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    930.0    930.0    919.5    904.9    892.7
 878.7    862.8    847.8    834.7    821.2    813.9    809.8    808.4    806.5    801.2
 795.4    792.1    789.3    787.3    786.0    783.0    778.4    771.6    764.8    759.0
 752.3    744.7    748.0    751.8    755.3    757.4    758.3    757.3    746.3    751.5
 769.1    772.9    775.7    777.8    778.9    778.6    773.2    781.7    781.9    805.2
 824.2    846.6    866.8    864.3    862.3    884.3    873.8    874.8      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    930.0    930.0    917.8    902.7    889.4
 875.5    859.3    845.3    831.6    819.9    811.9    807.5    805.7    803.6    800.2
```

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793.9    792.4    791.9    790.0    787.7    784.5    779.7    773.4    766.4    759.4
750.4    738.7    743.7    748.9    753.0    755.0    755.7    751.4    754.3    769.6
776.9    780.6    782.7    783.7    783.6    782.2    777.8    775.9    785.2    796.9
813.4    837.9    868.8    862.1    860.5    880.0    867.5    867.2      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0    930.0    930.0    916.7    900.4    886.1
872.0    856.1    841.6    829.0    818.2    810.6    806.6    804.2    801.4    796.9
792.9    794.1    794.6    791.4    787.4    783.6    779.2    773.5    767.4    760.9
752.5    737.6    734.0    742.7    748.4    749.7    744.4    759.5    774.1    783.0
788.5    791.5    792.8    792.4    790.7    787.2    782.0    772.5    783.1    791.9
807.9    831.8    907.0    865.1    858.5    888.0    859.0    859.1      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0    937.6    930.0    916.2    900.0    882.3
869.8    853.1    837.9    826.7    816.8    809.8    805.3    803.1    799.9    795.1
791.5    790.1    789.4    787.4    784.6    781.9    779.0    775.4    770.0    763.9
756.8    748.0    735.8    730.4    741.1    737.6    762.2    796.8    794.6    798.4
803.6    807.9    808.3    805.9    801.7    794.5    786.8    780.6    779.9    786.9
800.8    822.2    853.3    867.2    856.3    865.4    850.9    853.1      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0    942.0    930.5    916.1    900.0    879.7
868.0    850.6    834.6    823.9    813.5    808.3    803.1    800.7    797.8    794.4
790.2    787.2    785.3    783.3    781.6    779.8    777.3    773.8    769.0    764.2
758.3    750.9    743.0    719.9    726.8    766.5    797.8    820.2    814.7    812.7
821.8    837.7    834.5    827.8    820.3    805.8    791.8    783.4    779.6    779.4
792.8    810.5    836.5    924.0    855.7    853.3    842.0    846.3      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0    940.0    931.4    915.9    903.1    879.2
864.7    844.7    830.8    820.4    811.2    806.5    801.8    800.6    796.7    793.4
789.0    785.7    783.7    781.9    779.9    777.5    774.8    771.3    767.3    763.8
759.3    753.7    747.3    724.3    761.9    791.9    826.3    875.0    843.0    831.0
866.2    936.0    887.7    866.3    855.0    828.7    800.3    785.1    776.6    767.6
780.0    797.5    815.5    833.8    827.8    835.9    833.1    838.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0    942.0    935.8    916.3    909.0    876.9
855.4    835.9    826.7    817.5    808.8    805.1    801.6    798.8    795.0    791.9
788.7    785.5    782.9    780.9    779.0    776.5    773.3    768.8    765.0    762.8
759.8    757.5    755.6    761.6    780.7    803.4    829.7    875.0    846.1    841.8
854.0    873.7    883.9    902.6    937.0    868.1    814.8    786.3    772.0    758.6
761.6    780.3    799.5    811.7    810.1    819.0    833.8    830.6      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0    947.7    942.0    916.7    916.4    871.3
847.4    829.0    819.0    813.3    807.9    804.1    800.6    797.4    793.1    790.6
788.8    785.3    781.3    778.7    775.9    772.8    769.0    764.4    759.6    753.2
737.1    750.0    757.2    771.7    789.9    806.2    820.2    832.3    830.5    831.0
833.2    839.7    848.4    855.0    854.8    833.6    797.8    779.5    768.8    713.3
  0.0      0.0      0.0      0.0    804.8    818.1    856.0    825.6      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0    948.7    952.0    917.2    945.0    865.5
839.1    817.4    810.6    809.6    807.0    803.8    800.2    796.3    792.0    787.9
784.7    781.7    779.3    776.2    772.1    766.6    759.0    751.4    743.7    743.3
749.3    762.4    772.3    782.4    795.8    809.2    822.5    828.7    827.3    826.3
824.6    824.4    820.4    817.7    813.5    804.6    789.6    771.9    763.8    727.1
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
```

```
   0.0      0.0      0.0      0.0      0.0    944.7    971.0    916.0    912.0    849.2
 823.2    804.2    804.4    805.7    805.1    805.6    799.8    794.7    791.3    788.0
 784.2    780.0    775.4    770.5    764.0    755.2    743.7    743.1    748.1    762.1
 771.0    778.2    784.9    792.6    803.1    813.7    822.1    827.4    828.7    828.9
 827.7    823.5    816.5    811.5    805.9    797.7    786.0    767.5    753.7    726.5
 707.3      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    932.5    933.0    911.6    898.8    839.4
 810.8    802.4    801.4    803.0    804.3    815.0    801.8    793.8    788.7    784.5
 780.8    776.3    769.8    762.5    752.3    744.8    744.9    752.3    764.2    774.7
 781.7    792.0    800.3    806.3    812.0    821.8    827.2    830.5    831.4    830.3
 828.9    827.6    821.3    811.0    806.4    798.7    789.1    771.7    761.9    759.8
 707.5      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    921.4    904.2    906.6    898.5      0.0
   0.0      0.0      0.0      0.0    801.0    800.9    795.8    790.4    785.3    779.4
 776.8      0.0      0.0      0.0    729.5    750.5    763.0    773.3    789.0    802.7
 811.7    819.2    824.7    829.8    834.1    836.6    837.4    839.9    839.6    836.5
 832.4    829.5    826.9    822.5    818.3    801.9    799.0    790.4    769.7    764.4
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    900.9    884.6      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0    800.4    800.4    806.3    812.7    819.3    827.0    833.4
 839.2    844.8    850.4    856.1    861.8    864.2    863.1    857.9    855.5    852.1
 848.8    845.1    841.1    836.2    832.8    831.1    828.9    827.5      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    884.0    865.3    823.5      0.0      0.0
   0.0      0.0    824.8    837.7    832.4    827.7    826.4    827.9    831.4    837.7
 838.6    837.1    841.4    836.1    836.5    840.3    844.1    848.0    851.8    855.1
 859.5    864.2    868.6    876.5    893.2    921.0    900.9    884.7    877.7    874.3
 866.7    863.2    858.6    853.6    848.2    842.4    835.4    830.4    829.2      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    869.6    850.8    809.2    809.3    830.3
 833.4    859.5    860.3    863.5    858.3    849.9    848.9    852.0    858.3    860.8
 862.7    863.0    862.2    863.0    863.4    864.1    865.1    866.2    867.1    868.8
 871.1    873.3    875.5    878.7    883.5    888.3    887.9    888.7    887.5    885.2
 879.8    874.7    867.8    861.4    855.1    847.0    836.8    827.3    821.3    819.8
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    856.2    821.9    814.3    848.7    944.0
 889.4    925.0    899.0    899.0    891.3    884.8    883.6    886.5    889.3    889.9
 889.1    887.3    888.2    889.6    891.3    892.5    892.4    891.7    889.2    888.0
 888.0    888.7    889.9    891.9    893.8    894.8    894.8    893.5    891.5    889.0
 886.0    882.9    878.5    874.8    871.2    867.5      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0    834.5    786.8    821.7    870.3    904.6
 896.5    898.0    913.7    916.5    914.6    915.9    916.4    915.7    908.4    908.3
 908.0    907.6    907.3    906.9    906.3    905.4    904.8    904.9    905.5    905.7
 905.5    905.3    904.8    903.4    902.3    902.1    901.7    900.5    899.0    897.9
 896.1    894.1    891.5    888.6    885.8    882.6      0.0      0.0      0.0      0.0
```

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   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0    936.1    939.1    939.0    944.3    948.5    954.3    975.0    937.1
 932.7    932.8    928.8    927.8    926.5    924.5    922.8    921.9    921.6    921.6
 921.7    921.4    920.8    920.2    917.7    915.6    913.5    911.0    908.5    906.4
 904.6    902.7    900.8    898.3    896.0    893.8    894.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0    973.3    968.8    969.6    970.2    969.3    965.7    964.3
 963.4    978.0    964.4    956.4    951.7    948.5    945.7    943.4    941.7    940.2
 938.4    937.1    935.7    933.9    931.0    927.7    924.9    922.1    919.2    916.7
 914.8    912.9    910.6    908.3    906.1    903.5    901.3    901.1    899.8      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0    981.0    989.6    992.5    993.3    992.2    990.1    985.6
 982.0    978.0    976.3    974.9    973.1    971.3    968.8    966.3    962.6    958.8
 955.8    953.0    950.7    948.1    945.3    942.7    940.0    937.4    934.6    931.7
 929.3    927.5    925.6    923.6    921.6    919.0    916.0    912.8    910.8    910.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0    960.0    998.0   1006.0   1008.8   1008.5   1005.8   1001.3
 996.4    990.7    986.0    983.9    982.3    980.5    978.2    975.5    971.9    968.3
 965.3    962.7    960.3    957.4    954.2    951.1    948.0    945.0    941.9    938.8
 936.2    934.1    932.1    930.1    928.2    926.0    924.2      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0   1020.7   1025.8   1027.3   1026.4   1024.2   1020.2   1015.1
1010.2   1004.7    997.9    994.3    991.8    989.3    986.6    983.8    981.0    977.4
 974.0    971.2    968.7    965.7    962.3    959.0    955.3    951.5    947.6    943.6
 940.4    937.9    935.3    932.5    929.4    924.8    915.6    909.5      0.0      0.0
   0.0      0.0      0.0      0.0    852.8    845.6      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0   1045.0   1045.3   1043.9   1041.8   1037.8   1031.7   1024.2
1016.5   1009.5   1005.3   1001.7    997.8    992.8    987.0    977.8    965.0    967.4
 967.5    966.7    965.2    963.0    960.4    954.9    950.3    944.1    937.3    931.6
 928.9    926.9    923.2    918.8    915.1    910.5    904.7    898.0    891.3    887.7
 883.3    878.3    870.9    859.2    849.3    840.0    831.3      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0   1060.2   1056.6   1052.0   1048.0   1042.4   1035.0   1026.5
1017.8   1008.1   1001.6    996.1    991.7    987.6    984.0    980.7    977.3    974.1
 971.0    968.4    965.7    961.2    954.4    946.5    936.7    929.4    925.3    920.6
 916.5    913.1    909.6    906.8    904.5    901.3    896.8    891.9    886.9    881.6
 877.0    870.7    863.7    854.8    844.8    833.7      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0      0.0      0.0   1069.6   1062.7   1056.2   1049.0   1038.7   1027.5   1015.0
1005.6    999.9    995.8    992.5    989.2    985.5    982.0    978.6    974.8    970.8
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  966.4   961.7   956.6   949.6   940.0   930.9   919.6   902.5   877.0   875.0
  873.0   872.0   871.0   870.0     0.0     0.0     0.0     0.0     0.0   850.0
  850.0   850.0   850.0   850.0   825.0   790.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0  1080.0  1063.7  1057.0 1050.86   985.0   985.0   985.0
  985.0   990.4   990.1   988.6   986.2   983.2   979.7   975.7   971.1   965.8
  959.6   951.8   942.1   926.0   900.0   890.0   880.0   879.0   892.4     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   868.8
  867.0   862.4   852.6   845.2   836.7     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
         5         1.0            (10F8.1)         8        START HEAD   3
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0   896.7   896.2   895.2   893.7   892.0   892.4   892.5
  892.3   892.0   891.6   891.1   890.4   889.3   887.8   886.1   884.0   881.7
  879.2   875.0   878.7   884.7   893.9   899.6   898.4   894.0   897.0   898.4
  897.9   894.5   890.3   886.4   882.9     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
    0.0     0.0   897.8   878.7   860.0   865.0   885.6   899.0   900.1   901.2
  902.1   903.0   903.9   904.5   905.0   905.4   905.7   906.0   906.2   906.2
  906.2   906.0   906.1   906.0   907.0   905.0   905.0   902.9   900.9   899.0
  897.6   896.8   896.1   894.0   890.6   885.0   889.3   891.5   892.5   893.1
  893.8   894.8   896.0   897.1   901.4   905.6   908.5   908.6   905.6   903.4
  894.3   878.4   858.4   831.8   831.4     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   875.5
  873.7   871.0   862.3   847.0   850.0   863.2   871.5   878.7   883.6   886.4
  891.4   895.3   896.2   897.2   898.0   899.0   899.9   900.5   901.5   902.3
  903.1   904.0   905.4   907.0   905.6   904.5   903.5   902.4   901.2   899.9
  898.8   897.8   896.5   894.9   893.2   891.0   888.0   894.6   901.0   896.1
  889.0   895.8   899.6   902.0   903.5   902.0   916.6   925.0   919.3   910.3
  903.0   894.4   882.3   868.9     0.0     0.0     0.0     0.0     0.0
    0.0     0.0     0.0     0.0     0.0     0.0   918.6   901.7   859.5   861.2
  857.1   851.1   849.8   846.4   843.0   865.0   870.0   875.0   879.4   882.1
  883.7   885.5   886.7   887.6   888.4   889.2   889.9   890.6   891.2   891.9
  892.4   892.9   893.3   894.0   894.6   895.0   895.2   895.3   895.0   894.2
  892.8   890.9   889.2   887.7   886.0   888.7   891.2   893.3   895.2   897.0
  901.5   908.8   915.2   920.7   926.2   928.7   931.5   929.8   924.5   914.9
  905.8   894.7   879.4   862.9     0.0     0.0     0.0     0.0     0.0
```

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   0.0     0.0     0.0     0.0   950.1   918.2   889.7   898.7   895.8   903.0
 881.8   860.8   848.0   843.6   840.0   861.0   864.7   868.9   872.9   875.8
 877.5   879.0   880.1   880.8   881.6   882.4   883.0   883.6   884.1   884.6
 885.2   885.7   886.2   887.0   887.6   888.0   888.6   889.2   889.5   889.0
 887.9   887.3   886.7   886.0   885.0   887.6   890.3   892.5   896.7   902.8
 909.5   916.0   922.2   927.5   933.3   936.2   935.6   931.7   924.3   913.8
 901.8   888.8   869.3   846.9     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0   963.2   941.3   908.5   890.8   930.0   914.2   904.0
 894.8   875.6   852.0   849.6   845.3   853.6   859.8   863.9   867.6   870.2
 872.0   873.7   875.0   876.0   876.8   877.8   878.6   879.2   879.7   880.2
 880.7   881.2   881.6   882.2   882.9   883.4   884.0   884.5   885.3   885.9
 886.4   886.8   887.3   887.8   888.4   890.0   893.4   898.1   903.3   908.5
 913.4   919.0   924.9   930.4   936.1   939.3   938.3   933.7   926.5   915.1
 902.8   893.1   881.7   853.4     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0   951.1   923.8   890.0   885.0   928.2   926.4   916.5
 903.7   885.5   870.0   859.5   854.8   855.1   856.3   858.3   860.8   863.7
 865.7   866.8   867.7   868.4   869.4   870.6   871.9   872.9   873.6   874.2
 875.0   875.7   876.3   877.1   878.1   878.9   879.6   880.7   882.2   883.9
 885.3   886.4   887.6   889.0   890.5   892.6   896.2   901.1   906.0   910.6
 914.8   920.4   927.0   932.7   938.1   942.5   939.7   932.4   922.6   908.3
 891.7   871.0   862.2   840.8   815.7     0.0     0.0     0.0     0.0
   0.0     0.0     0.0   936.2   907.0   892.0   914.5   937.4   931.7   919.7
 906.6   888.9   871.5   863.8   858.8   855.7   854.4   854.0   854.6   856.0
 857.6   858.8   859.3   859.7   860.3   861.2   862.2   863.7   864.8   865.7
 866.7   867.9   869.1   870.3   871.7   873.3   875.1   877.0   879.4   881.8
 884.0   885.7   887.5   889.3   891.2   893.7   897.3   901.3   905.2   908.9
 913.4   919.1   925.6   931.3   936.5   939.0   936.0   927.6   915.3   903.1
 892.2   877.4   856.2   836.7   816.8     0.0     0.0     0.0     0.0
   0.0     0.0   942.5   927.0   894.0   931.4   941.7   946.3   934.2   913.0
 905.9   887.7   872.3   864.2   859.0   854.0   851.0   849.1   848.0   848.2
 849.3   850.7   851.4   851.9   852.5   853.4   854.3   855.2   856.3   857.5
 858.6   859.7   860.5   862.3   864.6   866.3   868.2   870.6   873.6   876.5
 879.3   881.6   883.9   886.1   888.3   891.1   894.5   898.1   901.6   905.1
 909.1   914.2   920.2   925.8   931.5   934.5   932.3   923.5   909.2   898.9
 888.6   868.9   825.0   829.2   815.9     0.0     0.0     0.0     0.0
   0.0     0.0   942.8   925.2   896.0  1002.0   961.7   951.7   938.6   922.3
 908.0   888.2   873.4   863.7   858.0   851.8   846.9   844.0   841.8   840.6
 840.1   841.5   843.0   843.5   844.2   845.2   846.4   847.0   847.7   848.2
 848.5   849.6   849.8   847.5   854.8   858.8   860.9   862.6   865.5   869.1
 872.7   876.2   879.5   882.2   884.6   887.5   891.0   894.3   897.5   900.5
 903.2   907.4   913.9   919.8   926.2   929.0   928.3   920.4   904.2   891.6
 881.7   871.3   864.8   860.6     0.0     0.0     0.0     0.0     0.0
   0.0     0.0   946.0   920.4   898.0   976.1   966.6   954.6   940.1   925.2
 910.6   895.8   880.1   865.5   855.9   849.9   844.6   839.4   834.4   827.2
 822.6   826.5   828.9   829.5   828.3   831.5   833.4   834.8   835.3   836.6
 838.2   839.7   841.5   843.1   845.4   850.5   853.2   854.1   859.8   863.7
 867.8   870.9   873.9   876.7   879.3   882.4   885.9   889.0   892.5   896.1
 899.6   903.7   908.6   913.4   920.0   923.7   923.9   915.6   895.9   878.7
 876.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0   947.2   908.6   900.0   978.0   968.2   954.5   938.6   924.7
 910.3   895.7   882.3   867.2   855.2   848.0   841.9   834.0   830.0   826.0
 821.7   817.6   820.2   821.6   822.4   823.1   822.8   821.7   818.6   823.5
 827.6   831.1   833.9   836.8   840.4   844.2   847.3   850.2   854.4   858.8
 862.5   864.9   867.8   870.6   873.2   876.4   879.9   883.2   886.7   890.3
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893.8	898.3	903.5	907.9	914.9	918.6	918.3	911.2	889.1	849.0
861.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	947.0	902.0	902.0	978.0	968.1	953.2	936.8	923.4
909.0	894.6	880.9	866.6	854.9	846.5	840.1	833.7	828.8	824.3
820.2	816.3	814.6	816.0	816.7	816.9	816.4	815.4	815.5	818.4
821.5	824.6	827.6	831.3	835.5	839.6	843.0	846.1	848.7	852.6
856.7	859.6	862.2	864.9	867.5	870.7	874.2	877.5	880.9	883.9
886.7	892.7	899.2	904.8	911.1	914.6	914.4	909.1	892.0	870.0
865.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	946.0	904.0	931.0	972.2	966.7	951.5	935.0	921.0
906.7	892.5	878.6	865.5	853.6	844.2	836.5	830.7	825.8	821.3
817.5	814.0	812.2	810.8	811.0	811.0	810.7	810.3	809.7	811.5
814.5	817.6	820.7	824.8	829.7	833.8	837.2	840.3	842.7	845.2
849.6	852.7	855.4	858.1	860.7	864.0	867.6	871.0	874.3	875.8
873.7	885.9	894.6	901.2	907.3	910.5	910.8	907.6	896.9	895.0
888.0	892.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	944.0	905.0	953.0	969.1	965.0	949.3	932.5	917.7
904.1	890.1	876.2	863.7	851.7	841.1	830.1	826.5	821.6	817.1
813.0	809.3	807.1	805.4	805.3	805.2	805.0	804.3	802.8	799.8
805.9	810.1	813.5	817.2	821.7	826.4	830.4	834.0	836.7	839.1
842.2	845.4	848.5	851.3	853.9	857.2	861.1	864.9	869.0	872.1
875.5	883.0	891.1	898.0	903.7	907.0	907.5	906.1	900.4	896.3
896.2	897.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	942.0	906.0	951.4	965.9	965.0	946.5	929.2	915.2
901.3	887.3	874.1	861.9	849.5	838.3	828.0	822.5	817.0	812.3
807.9	803.6	801.4	800.1	799.2	799.1	798.9	798.5	798.4	799.0
801.3	804.2	807.2	810.7	815.0	819.3	823.5	827.3	830.7	833.5
835.5	837.7	840.6	844.0	847.2	850.6	854.8	859.5	863.8	867.3
872.4	879.6	887.5	894.1	900.1	903.8	904.9	904.4	901.1	899.5
899.5	899.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	940.1	907.0	950.3	962.7	961.1	943.4	926.3	912.6
898.5	884.0	871.8	859.6	846.3	834.8	826.1	817.3	810.8	806.6
801.6	796.6	793.6	792.5	791.9	791.6	791.3	791.3	791.7	792.7
794.1	796.8	800.1	803.6	807.8	812.0	816.3	820.1	823.5	826.7
828.9	830.6	832.3	834.5	837.7	842.2	847.8	853.4	858.6	863.0
866.8	875.3	883.2	889.9	896.5	900.6	901.8	902.0	899.6	899.8
900.0	900.5	901.1	901.4	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	938.0	908.0	949.7	960.0	957.0	940.1	923.5	910.2
895.0	879.4	868.8	856.2	842.2	829.8	822.8	815.2	807.7	800.9
794.0	786.5	781.3	782.0	782.4	782.5	782.6	782.7	783.1	784.5
786.8	789.9	792.7	796.1	799.9	803.9	808.2	811.8	815.4	818.5
820.9	822.3	823.8	825.3	827.2	830.1	839.7	846.9	853.1	858.3
861.2	870.9	878.1	885.4	892.4	897.2	898.2	898.9	897.5	898.4
898.9	899.8	900.4	901.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	935.5	909.0	949.5	957.6	952.8	936.5	920.8	908.3
894.6	878.6	865.8	851.2	837.2	821.7	818.7	811.8	803.7	794.8
785.7	777.3	770.9	771.6	772.5	773.2	773.4	772.4	769.9	773.5
777.8	781.1	783.9	787.5	791.3	795.3	799.4	803.2	806.5	809.5
811.7	812.9	814.3	815.8	817.7	820.6	831.2	840.1	847.6	854.6
860.3	867.5	874.5	881.2	888.1	893.0	894.0	894.9	894.7	895.6
896.0	896.9	897.6	898.9	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	932.5	910.0	949.2	955.3	948.1	932.8	918.4	906.3
893.5	877.4	862.6	846.3	831.7	821.9	815.7	808.5	799.8	788.8
777.0	765.0	759.7	758.5	761.6	763.9	765.0	765.2	765.5	767.3

769.6	772.1	774.9	778.1	782.2	786.1	790.0	793.9	796.7	799.2
800.7	801.8	803.0	804.5	806.6	811.1	822.8	833.3	842.6	850.9
857.7	863.8	870.7	877.2	883.9	888.9	890.4	890.7	892.3	892.0
891.8	892.2	892.6	893.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	929.4	912.0	949.1	953.3	944.0	929.8	915.9	904.5
891.9	875.7	859.6	840.6	829.9	819.9	813.2	806.3	796.8	784.3
768.3	748.4	741.9	746.3	751.6	756.4	758.6	759.5	760.0	761.2
762.5	764.1	766.5	769.7	774.0	778.0	781.7	785.4	787.8	789.2
789.9	790.5	790.9	791.6	793.4	797.6	812.9	827.0	838.0	847.7
855.5	861.2	867.6	874.0	880.5	885.7	887.5	887.5	888.9	888.4
887.7	887.2	887.2	886.6	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	926.5	914.0	949.1	951.7	940.5	927.7	914.1	902.8
890.3	874.0	857.1	834.1	827.9	818.9	812.0	804.5	794.8	781.6
761.7	735.3	723.0	739.4	747.6	752.3	754.3	754.8	754.9	755.6
756.7	757.9	759.4	762.4	767.2	771.5	775.4	778.7	780.7	781.3
780.9	780.3	779.4	778.6	779.4	785.1	802.7	820.7	833.8	844.9
853.8	859.8	865.6	871.7	877.9	883.1	885.3	885.3	886.0	885.1
883.7	883.0	882.5	882.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	923.2	916.0	949.2	950.1	935.8	925.6	912.2	900.7
888.6	872.1	854.8	833.0	825.5	817.2	810.3	802.5	793.5	780.8
764.3	743.5	727.4	738.4	746.2	750.2	751.5	751.0	748.8	749.2
750.3	750.5	751.0	754.2	760.2	764.8	769.8	772.8	774.1	773.9
772.2	770.2	767.3	763.4	760.8	768.5	792.2	814.3	829.5	841.8
852.0	858.1	863.8	869.7	875.4	880.5	883.3	883.3	883.6	881.7
879.6	878.1	876.9	876.3	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	920.8	918.0	949.3	948.3	930.0	923.8	910.2	898.9
886.7	870.2	852.6	829.1	822.7	815.0	808.5	800.5	792.8	781.0
768.3	753.6	745.7	746.6	749.0	750.3	750.2	749.2	747.1	746.0
744.3	741.6	740.1	744.4	753.3	757.6	764.6	767.8	768.6	767.3
764.4	760.9	755.3	746.1	732.5	746.1	782.4	808.5	825.1	838.2
848.5	855.9	862.0	867.7	872.8	878.0	881.7	881.9	881.2	877.9
874.7	872.2	870.3	869.2	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	920.0	920.0	949.6	946.2	930.0	922.1	907.8	896.9
884.6	868.2	850.4	827.6	819.8	811.9	806.6	800.3	792.5	782.2
772.1	761.2	754.6	752.3	752.1	751.4	750.0	748.1	746.3	743.5
739.0	730.9	723.3	734.5	748.0	755.0	760.7	763.4	763.5	761.1
756.8	752.3	746.2	733.7	705.1	742.3	777.7	804.0	821.0	834.3
844.8	853.6	860.1	865.8	870.0	875.4	879.9	880.0	878.6	873.8
869.2	865.2	862.5	860.6	0.0	0.0	0.0	0.0	0.0	
0.0	956.3	921.0	926.6	949.7	943.9	930.0	920.1	905.2	894.7
882.4	866.0	848.1	827.6	816.3	807.8	804.7	799.5	792.4	783.8
775.1	766.5	759.6	754.8	754.9	753.3	750.3	746.5	745.8	742.6
736.8	725.7	699.8	730.6	744.9	752.7	757.6	759.7	759.0	755.3
749.3	743.8	742.9	739.3	735.5	751.4	777.2	800.7	817.4	830.7
841.4	851.4	859.3	864.0	867.0	872.6	877.7	877.8	875.9	869.6
862.9	856.5	853.4	845.1	0.0	0.0	0.0	0.0	0.0	
0.0	956.1	922.0	932.1	949.6	941.8	930.0	917.3	902.6	892.5
880.2	863.7	845.6	825.8	814.0	803.5	802.8	798.5	792.0	784.9
777.7	770.3	764.7	760.9	758.7	756.2	753.1	750.2	747.7	744.1
739.1	732.6	726.9	735.8	745.3	751.6	755.4	756.7	755.2	750.5
742.6	737.2	741.8	744.8	747.9	758.9	777.6	797.4	814.2	827.1
838.0	849.3	859.2	862.0	863.8	870.6	875.5	875.3	872.9	864.8
855.3	846.5	845.4	843.5	839.3	0.0	0.0	0.0	0.0	
0.0	955.7	923.0	937.0	949.4	939.5	930.0	914.5	900.1	890.5

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877.8   861.3   842.9   824.8   812.4   801.5   801.0   797.4   791.2   786.0
780.0   773.3   768.5   764.9   762.1   759.2   756.1   753.1   750.1   746.7
742.9   739.3   737.5   740.8   746.7   751.3   754.0   754.5   752.3   747.1
738.6   730.2   742.5   749.0   754.3   763.0   777.6   794.5   810.9   823.6
834.6   846.7   857.3   859.4   860.4   868.5   873.3   872.7   869.7   859.6
847.6   836.7   837.2   839.3   838.1     0.0     0.0     0.0     0.0
  0.0   955.0   924.0   941.0   949.0   937.0   930.0   911.9   897.8   888.3
875.4   858.8   839.7   822.2   810.0   801.4   799.3   796.2   791.0   786.6
781.6   775.6   771.2   767.8   764.8   761.8   758.7   755.5   752.5   749.4
746.5   744.1   743.2   744.6   748.2   751.4   753.2   753.0   750.4   745.3
744.0   743.1   748.6   753.2   757.7   765.2   777.1   791.7   807.6   820.0
830.9   843.3   854.6   856.5   857.5   866.5   871.2   870.5   867.0   855.8
839.4   821.3   829.1   833.7   836.9     0.0     0.0     0.0     0.0
  0.0   954.3   925.0   952.0   949.0   933.7   930.0   908.9   895.7   885.9
873.0   856.2   835.7   817.9   807.8   799.3   797.2   794.8   790.9   786.8
782.4   777.2   773.1   769.9   766.9   763.8   760.7   757.6   754.5   751.7
749.2   747.4   746.7   747.2   749.6   751.8   752.9   752.2   749.2   748.2
749.7   751.3   754.0   757.1   760.6   766.0   773.9   788.1   803.8   816.6
827.1   839.3   850.3   853.5   855.3   864.4   869.2   868.0   865.2   853.2
832.2   795.0   823.6   831.8   835.6     0.0     0.0     0.0     0.0
  0.0   953.1   926.0   966.0   949.0   932.2   925.1   904.9   893.1   882.5
869.7   852.9   834.5   816.7   804.5   796.6   793.8   792.8   790.1   787.1
782.5   778.1   774.4   771.6   768.7   765.8   762.7   759.7   756.6   754.0
751.8   750.2   749.4   749.3   751.1   752.6   753.3   752.0   745.8   751.6
755.7   757.9   760.0   762.2   764.1   766.2   764.0   783.6   798.2   811.7
822.1   833.8   844.6   849.5   852.2   861.4   865.0   865.0   863.5   853.1
836.5   817.8   826.8   833.3   835.7     0.0     0.0     0.0     0.0
  0.0   951.3   927.0   963.7   947.9   930.2   919.9   900.8   889.5   878.3
865.3   848.6   831.7   812.0   802.5   789.5   789.3   789.6   788.1   785.9
781.6   777.7   774.5   772.0   769.5   766.9   764.1   761.2   758.3   755.7
753.7   752.1   751.1   751.4   752.7   754.0   755.0   755.9   756.0   759.7
762.7   764.5   766.0   767.3   768.5   769.9   772.7   782.0   792.9   805.2
815.3   827.1   838.1   844.0   846.7   856.4   859.9   861.0   862.3   856.2
849.2   845.5   839.0   840.4   839.0     0.0     0.0     0.0     0.0
  0.0   949.1   928.0   962.6   945.9   928.1   917.1   897.1   885.9   874.2
860.2   843.4   828.9   813.8   800.8   790.4   782.8   785.8   785.3   783.7
779.4   775.5   772.8   770.9   768.8   766.6   764.4   761.9   759.2   756.7
754.6   753.0   752.4   752.6   754.0   755.5   756.5   760.5   763.8   767.1
769.1   770.3   771.3   771.7   771.8   771.6   773.5   778.5   787.3   798.0
808.0   820.0   831.9   838.4   843.4   851.4   854.3   856.0   861.0   859.7
857.4   858.3   852.5   847.2   842.3     0.0     0.0     0.0     0.0
  0.0   946.5   929.0   962.7   943.3   926.3   915.9   893.0   882.2   870.0
856.4   840.5   825.3   813.0   800.1   789.4   782.5   783.0   782.4   780.5
775.8   771.5   769.0   767.8   766.7   765.3   763.7   761.7   759.5   757.0
754.8   753.2   752.6   752.9   755.2   757.6   761.7   767.2   770.8   773.8
775.5   776.3   776.6   776.1   775.0   772.8   772.2   772.3   778.1   789.6
800.0   812.3   825.5   832.4   838.4   845.7   848.1   850.2   858.3   861.3
860.9   860.6   858.2   853.3     0.0     0.0     0.0     0.0     0.0
  0.0   945.0   930.0   964.2   940.2   924.5   914.5   889.1   877.2   865.8
852.2   836.0   819.7   810.5   797.6   787.6   779.6   779.0   778.4   775.6
770.8   764.9   761.5   762.5   763.3   763.2   762.4   760.8   758.8   756.4
754.1   753.0   752.4   752.1   757.1   762.2   769.4   775.4   778.5   780.9
782.2   782.6   782.2   780.9   778.7   775.0   770.3   762.4   760.8   777.8
791.4   803.3   816.1   825.4   831.8   838.2   840.6   843.5   851.9   863.2
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 865.2   862.9   861.8   859.5     0.0     0.0     0.0     0.0     0.0
   0.0   944.6   933.0   967.0   936.1   922.0   910.4   885.3   872.0   860.3
 846.5   829.7   816.6   807.5   794.1   785.3   779.4   774.3   774.4   771.6
 766.2   754.4   742.7   754.3   759.8   761.4   761.1   759.8   757.7   754.7
 750.7   752.7   753.9   755.5   762.0   769.9   777.1   782.5   785.5   787.5
 788.6   788.9   787.9   785.7   782.2   776.3   769.6   761.2   763.3   772.3
 782.9   793.3   806.2   817.6   823.8   829.8   831.8   836.5   844.2   857.4
 861.9   863.0   863.1   862.8     0.0     0.0     0.0     0.0     0.0
   0.0   944.0   936.0   961.0   930.0   918.1   900.9   880.2   864.7   852.3
 839.7   822.4   810.9   803.2   792.5   782.9   776.7   770.9   771.2   769.8
 766.2   761.9   759.5   760.4   761.5   762.0   761.5   759.9   757.7   754.9
 750.5   754.4   757.1   761.1   769.8   777.0   784.3   790.3   792.5   793.8
 794.8   795.6   793.9   790.8   786.4   779.3   768.8   760.6   759.0   762.5
 770.4   780.6   793.0   803.7   812.1   819.1   819.5   827.0   836.8   852.4
 858.8   861.0   862.1   862.5     0.0     0.0     0.0     0.0     0.0
   0.0   943.2   939.0   961.0   931.8   912.4   887.1   872.0   855.4   843.4
 831.3   811.3   803.1   796.4   787.4   778.3   769.9   769.7   770.0   769.1
 767.7   765.9   764.9   764.5   764.1   763.7   763.0   762.1   760.9   760.2
 760.1   761.7   764.4   769.6   776.3   782.9   789.3   794.5   795.8   796.0
 795.8   795.1   793.6   791.6   787.8   779.5   767.2   756.4   747.4   738.3
 746.8   761.8   776.2   787.9   798.1   806.5   801.3   816.5   824.1   834.7
 847.6   854.2   857.4   858.4     0.0     0.0     0.0     0.0     0.0
   0.0   942.0   952.2   961.0   932.1   906.9   881.1   859.2   843.5   833.4
 820.0   800.8   794.8   788.8   781.2   773.9   769.1   766.2   768.7   767.8
 767.4   766.8   766.7   766.5   766.2   765.8   765.3   764.6   763.8   764.1
 764.5   767.1   769.8   774.5   781.0   786.8   791.5   795.1   796.8   796.4
 795.2   792.8   789.4   785.5   780.6   772.5   760.2   745.3   720.8   687.4
 704.7   739.0   758.4   772.0   784.7   796.8   802.5   809.6   812.5   819.2
 829.5   841.5   842.0   840.4     0.0     0.0     0.0     0.0     0.0
   0.0   945.0   963.6   959.9   931.3   900.1   870.8   837.2   826.8   819.2
 805.5   788.6   783.0   778.8   774.0   766.3   763.5   763.5   763.6   765.2
 765.5   765.6   765.5   765.7   766.2   766.7   767.3   767.9   768.7   769.7
 771.4   774.1   776.7   779.7   785.4   790.0   793.8   796.0   797.1   796.3
 793.7   790.3   787.0   782.6   776.9   767.7   753.4   733.2   708.1   687.8
 704.8   727.3   744.8   757.7   769.4   784.7   794.8   801.4   802.9   804.6
 805.8   817.7   816.6   809.3     0.0     0.0     0.0     0.0     0.0
   0.0   954.6   974.0   959.0   929.5   891.9   856.7   815.0   806.2   801.7
 787.1   770.6   766.4   767.5   765.8   759.1   745.9   755.6   756.5   759.0
 760.3   761.3   762.7   764.0   765.5   767.2   768.9   771.5   775.2   778.9
 782.5   784.0   783.8   780.8   791.0   798.1   799.7   798.9   797.8   796.3
 793.9   789.9   784.9   780.5   774.9   766.3   753.4   731.4   708.2   688.4
 702.2   720.2   734.5   746.0   753.9   770.8   785.6   792.4   793.7   793.5
 792.2   793.0   792.6   785.7     0.0     0.0     0.0     0.0     0.0
   0.0   961.7   967.5   957.8   926.7   883.4   844.9   798.0   778.4   770.6
 757.6   747.9   746.1   755.5   755.8   751.8   748.2   749.5   752.0   754.6
 755.8   756.5   758.7   760.9   764.8   770.4   775.7   781.8   787.0   790.4
 793.2   795.5   797.6   800.3   807.7   812.3   813.6   809.9   801.0   797.5
 794.5   791.8   787.9   782.9   777.3   768.9   756.1   738.4   718.1   707.6
 706.7   718.0   728.7   738.0   745.7   757.0   777.5   784.1   784.4   781.3
 772.5   762.4   760.9   767.4     0.0     0.0     0.0     0.0     0.0
   0.0   967.1   960.0   955.4   922.3   873.2   827.4   769.5   728.2   710.1
 704.4   711.0   707.1   712.6   742.7   742.7   742.6   742.4   743.5   745.0
 743.1   738.2   738.9   746.4   766.1   780.6   786.5   792.0   796.9   801.5
 805.9   809.9   813.5   817.7   822.3   826.0   828.8   829.3   822.3   812.7
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803.4    795.1    789.0    786.4    783.1    776.5    766.0    755.3    735.9    713.0
698.4    714.2    724.7    730.7    734.0    735.9    768.0    765.7    768.9    761.1
749.0    741.0    734.5    705.2      0.0      0.0      0.0      0.0      0.0
  0.0    969.8    975.0    951.0    918.3    862.2    803.7    734.8    694.5    727.8
734.4    723.2    697.4    719.7    706.0    719.4    717.7    717.0    726.7    722.7
724.0    751.5    763.9    776.5    787.3    795.7    802.7    808.9    814.4    819.3
823.6    827.6    831.0    834.8    838.5    841.3    842.5    842.7    841.5    837.4
832.1    826.6    820.0    813.6    807.7    800.5    787.5    770.4    747.8    714.7
688.3    713.1    725.0    725.7    718.8    688.8    723.7    733.1    740.5    734.8
728.2    724.6    716.0    692.8      0.0      0.0      0.0      0.0      0.0
  0.0    969.0    966.0    951.4    917.0    850.0    783.3    718.6    736.9    756.8
762.0    746.0    759.6    785.4    798.1    792.9    791.5    793.0    791.9    792.0
789.2    791.5    800.3    807.6    814.3    820.1    825.4    830.1    834.5    838.5
842.1    845.5    848.6    852.3    856.1    858.9    859.1    858.0    856.4    853.1
850.3    847.9    844.4    840.1    835.3    828.7    816.3    792.6    772.3    747.7
738.7    737.5    736.4    730.2    720.7    705.3    708.9    718.5    719.9    718.0
715.7    701.5    697.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0    977.9    977.2    948.7    915.7    837.9    754.3    736.8    769.8    789.9
797.6    792.7    806.6    819.5    824.9    825.6    826.8    827.4    827.2    826.5
826.8    829.7    834.4    838.1    841.5    844.6    847.4    849.9    853.1    855.9
858.4    860.8    863.0    865.4    867.8    869.0    868.9    867.6    865.9    862.8
859.6    856.4    852.5    848.0    842.6    834.6    822.2    806.2    797.6    791.2
781.2    765.5    754.8    744.7    730.3    730.1    721.7    704.3    709.3    707.6
704.8    699.7      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0    984.2    975.2    941.3    918.4    824.7    729.1    771.0    800.4    821.5
832.7    848.5    852.5    852.0    854.6    857.1    858.2    858.4    858.3    859.2
860.7    863.9    866.1    867.6    868.8    869.6    870.9    872.4    873.4    873.9
874.0    874.7    876.4    878.4    879.7    880.0    879.1    877.8    875.9    873.5
870.8    868.0    864.6    860.9    856.9    851.1    842.7    833.8    825.5    818.4
811.7    803.5    795.2    788.8    774.6    761.0    746.5    718.9    694.6    690.1
687.3    685.6    684.0    683.5      0.0      0.0      0.0      0.0      0.0
  0.0    987.6    971.7    924.0    870.0    791.4    715.3    807.6    855.9    866.3
871.7    885.2    886.8    886.0    887.6    888.9    889.5    889.4    890.2    891.4
892.4    893.1    893.8    894.3    894.6    894.7    894.7    894.5    894.2    893.5
893.9    894.2    894.3    894.3    893.9    893.0    891.8    890.0    887.5    884.5
881.7    879.2    876.6    873.6    870.4    866.0    859.9    853.5    847.0    840.4
834.1    826.7    818.3    811.1    803.9    786.3    765.4    749.5    734.7    723.7
711.2    698.6    683.4    678.7    681.1    679.9    679.9      0.0      0.0
  0.0    987.3    930.0    889.1    842.7    717.0    704.9    849.7    850.0    911.7
911.0    916.0    913.7    913.0    912.9    913.4    914.5    915.8    918.1    917.9
917.5    916.8    916.7    916.3    915.8    915.1    914.4    913.6    912.8    912.1
911.3    910.5    909.8    908.7    907.3    905.6    903.6    901.3    898.8    895.9
893.1    890.8    888.2    885.6    882.7    878.8    873.6    867.8    861.5    855.4
849.7    843.1    835.5    828.5    818.8    806.6    789.3    771.2    753.0    744.7
737.0    729.2    721.5    715.8    705.8    683.4    680.8    681.2      0.0
  0.0    940.0    907.5    842.4    756.0    697.2    807.5    880.6    919.2    927.3
928.3    930.4    930.5    930.1    931.3    932.9    934.0    935.2    937.0    937.1
937.4    937.1    935.9    934.8    933.5    932.1    930.7    929.1    927.5    926.1
924.9    923.3    921.8    919.7    917.9    915.6    913.1    910.7    908.1    905.3
902.6    900.4    898.1    895.6    893.0    889.6    885.3    880.6    875.4    869.4
863.8    856.7    848.4    840.2    829.7    817.9    807.6    797.3    781.7    768.9
762.6    757.5    752.1    746.6    734.7    709.4    687.6    683.2      0.0
  0.0    971.5    839.3    789.2    711.3    803.1    868.6    899.1    926.8    920.0
936.6    920.0    943.5    945.2    947.5    948.7    949.1    949.3    949.5    949.3
```

```
948.7    947.8    946.6    945.5    944.3    943.0    941.6    940.0    938.3    937.1
935.7    934.2    932.3    929.8    926.4    922.3    917.2    916.5    914.9    912.5
909.8    907.6    905.2    902.9    900.5    897.3    893.1    888.4    883.5    878.1
871.9    864.0    855.5    848.0    837.7    825.5    814.7    804.4    794.7    785.8
780.3    776.2    770.4    763.0    754.3    738.7    718.8    689.3      0.0
  0.0      0.0    766.5    727.3    733.8    831.1    881.0    908.8    933.3    938.6
929.0    930.0    952.0    957.0    960.8    961.4    961.5    961.2    960.4    959.5
958.6    957.4    956.2    955.2    954.0    952.8    951.5    950.0    948.5    946.8
945.1    943.2    941.3    938.7    935.3    931.9    928.4    925.4    922.2    918.7
915.7    913.5    911.0    908.5    905.9    902.6    898.4    893.8    889.0    883.5
877.5    870.8    862.4    853.3    842.2    829.7    818.8    808.2    797.7    789.0
783.1    778.4    773.6    768.6    761.0    751.2    742.4    736.3      0.0
  0.0      0.0    732.0    798.9    815.9    878.2    909.3    900.0    939.5    944.0
954.3    964.8    966.0    972.0    974.8    975.4    975.3    974.6    973.4    972.1
970.8    969.2    967.8    966.4    964.9    963.3    961.7    959.8    958.0    956.0
954.0    951.8    949.6    946.7    943.1    939.4    935.6    931.8    927.8    923.8
920.3    917.5    914.7    911.9    909.1    905.6    901.4    896.3    890.3    884.2
878.3    871.4    863.2    855.0    844.9    833.1    821.0    808.3    795.7    786.0
780.0    775.0    770.1    765.2    759.3    752.4    746.0    740.4      0.0
  0.0      0.0    726.0    857.0    895.3    930.0    950.0    957.5    957.0    944.0
973.0    987.7    990.5    991.7    991.3    990.1    988.7    987.1    985.1    983.1
981.1    978.8    976.8    975.3    973.7    972.0    969.9    967.5    964.8    962.3
959.8    957.2    954.6    951.1    946.6    942.2    937.5    932.6    927.5    922.4
918.2    914.7    911.3    907.8    904.3    899.8    894.3    888.7    882.8    876.7
870.6    863.8    856.4    848.1    836.9    823.4    809.4    795.5    784.3    775.8
769.8    764.7    759.0    752.8    744.7    733.8    721.3    700.0      0.0
  0.0      0.0    725.5    879.3    922.2    957.5    975.2    984.8    991.4    994.8
1002.9   1007.3   1007.9   1007.1   1004.6   1001.8    999.1    996.3    993.5    991.0
989.1    987.0    984.4    982.0    979.4    976.7    973.8    970.7    967.5    964.2
960.7    957.0    953.3    948.7    942.9    937.0    931.1    924.8    918.1    911.6
906.4    902.3    898.2    894.2    890.3    885.7    880.4    875.1    869.7    864.2
859.0    853.1    845.7    837.2    825.5    809.6    790.5    763.0    755.0    745.0
740.0    737.0    735.0    732.0    727.0    722.0    715.0    719.8      0.0
  0.0      0.0    730.2    858.7    932.9    973.3    987.7    997.0   1005.6   1014.1
1016.7   1018.3   1017.4   1015.4   1012.1   1008.5   1005.2   1001.6    997.8    994.3
991.5    988.2    985.0    982.3    979.4    976.2    972.8    969.3    965.5    961.5
957.3    952.8    948.2    942.1    934.4    926.3    918.4    910.9    903.3    895.6
888.7    882.8    876.4    869.3    867.0    863.0    860.0    855.0    850.1    849.4
847.4    843.6    837.5    829.7    817.5    798.9    775.0    776.2    773.7    770.1
767.2    764.8    762.5    760.1    757.3    754.4    751.7    748.4      0.0
  0.0      0.0    728.3    861.7    939.7    980.0    980.0    993.0    985.0   1020.0
1015.0   1021.8   1021.7   1018.9   1014.5   1010.4   1006.2   1001.0    996.2    992.3
989.0    985.7    982.7    980.1    977.2    973.9    970.3    966.5    962.2    957.7
952.8    947.6    942.2    935.2    926.8    919.1    912.7    907.2    902.0    897.6
893.5    890.1    886.7    883.4    880.3    876.1    871.1    866.1    861.3    856.6
852.1    847.0    841.0    833.8    823.7    810.8    799.4    792.1    786.5    782.4
779.8    777.7    775.8    774.2    772.4    771.0    770.3      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
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  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
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   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0   948.8
 944.2   937.9   927.1   918.5   904.2   882.0   900.4   905.5   910.1   913.2
 915.0   915.7   916.2   916.4   916.6   916.7   916.6   916.5   916.3   916.0
 915.9   915.6   915.3   911.2   906.8   903.5   900.9   898.6   896.7   895.1
 894.1   893.3   892.5   891.8   891.0   890.2   889.3   888.5   887.9   887.5
 887.2   887.3   887.6   889.4   892.8   896.0   894.1   891.5   889.8   888.6
 887.4   886.3   883.4   879.4   873.5   865.2   860.9     0.0     0.0
   0.0     0.0     0.0     0.0     0.0   883.3   886.1   888.7   892.5   912.9
 925.0   925.0   903.0   886.4   873.3   874.9   882.9   889.1   892.9   895.2
 897.3   899.1   900.0   900.6   901.1   901.5   901.8   902.0   902.1   902.1
 901.9   901.6   901.2   900.7   900.1   899.3   898.8   897.6   896.1   894.5
 892.9   891.8   890.7   890.0   889.3   888.2   888.2   888.3   888.5   888.7
 889.0   889.5   890.5   892.6   895.1   896.5   894.1   890.8   885.7   875.4
 868.3   860.4   850.6   838.7   824.0   798.6   770.7   762.0     0.0
   0.0     0.0     0.0   943.6   940.6   926.2   910.0   891.7   870.7   875.8
 876.5   873.0   863.7   853.7   855.7   863.0   870.9   877.9   883.5   887.4
 889.7   891.9   894.0   895.4   896.7   897.8   898.7   899.6   900.5   901.3
 902.1   902.9   903.8   904.1   903.5   902.7   901.8   900.8   899.7   898.5
 897.3   896.4   895.4   894.3   893.1   891.9   891.5   893.7   895.8   894.6
 892.3   894.1   897.0   899.0   899.9   898.1   895.3   890.3   884.4   880.4
 878.0   876.5   875.6   875.5   876.6   873.5     0.0     0.0     0.0
   0.0     0.0  1014.2   967.4   954.8   941.3   916.0   898.7   870.1   868.7
 863.4   855.0   850.5   846.3   848.0   859.6   866.6   872.5   876.9   879.3
 881.0   882.8   884.0   884.7   885.1   886.5   887.6   888.3   889.0   889.7
 890.3   891.0   891.5   892.3   892.9   893.2   893.3   893.3   893.0   892.2
 891.2   890.1   888.9   888.0   887.5   887.7   888.5   889.1   889.3   888.6
 888.0   887.4   887.1   886.8   886.3   884.6   881.9   878.5   875.8   874.5
 874.1   874.2   874.7   875.8   877.5   874.9     0.0     0.0     0.0
   0.0     0.0  1016.1   974.5   950.5   923.5   898.8   900.3   891.7   886.9
 879.5   862.4   844.5   816.0   824.7   847.2   856.9   863.0   868.0   869.7
 870.0   870.2   869.5   868.2   866.3   865.0   868.5   871.4   873.9   876.0
 877.8   879.2   880.4   881.4   881.3   880.7   879.0   877.8   877.0   876.5
 876.2   875.9   875.8   875.7   875.7   875.8   876.0   876.4   876.9   877.7
 877.8   877.8   877.5   876.6   875.7   873.9   871.8   869.6   867.6   866.3
 865.9   865.7   865.7   866.1   867.0   861.8     0.0     0.0     0.0
   0.0     0.0  1019.1   972.5   942.8   913.5   895.8   909.7   903.0   894.9
 885.5   871.4   854.5   846.9   843.7   848.5   850.8   854.0   857.5   852.6
 846.8   831.8   837.8   838.3   836.4   839.0   848.5   854.8   859.3   862.4
 864.9   866.6   867.8   868.7   868.5   867.1   865.0   863.4   863.4   863.5
 863.6   863.8   863.9   864.1   864.3   864.6   865.0   865.5   865.9   866.3
 866.5   866.7   866.7   866.6   866.5   865.6   864.0   861.7   859.4   857.6
 856.4   855.2   854.3   853.6   853.8   848.5     0.0     0.0     0.0
   0.0     0.0  1019.1   976.5   941.2   918.1   905.1   905.4   899.2   892.6
 883.6   872.8   860.9   851.0   844.4   841.8   839.8   837.1   833.2   833.1
 831.4   828.4   827.1   825.7   824.0   821.6   827.4   832.2   836.2   839.3
 841.7   843.6   844.9   845.9   845.9   844.6   847.0   848.5   849.6   850.5
```

851.1	851.5	851.8	852.4	852.9	853.5	854.1	854.7	855.2	855.7
856.1	856.4	856.5	856.6	856.6	856.3	854.9	852.9	850.1	847.5
845.5	843.5	840.5	836.4	830.7	822.3	0.0	0.0	0.0	
0.0	0.0	1017.9	975.7	939.5	919.9	909.2	903.9	896.8	891.0
883.8	873.4	861.5	849.8	840.0	835.5	832.1	828.6	826.9	825.5
824.2	823.0	822.2	821.7	821.5	821.7	822.4	823.8	825.2	826.5
827.8	829.1	830.3	831.7	833.0	834.2	835.5	836.7	837.9	838.9
839.7	840.4	841.0	841.5	842.1	842.8	843.5	844.2	844.8	845.3
845.8	846.2	846.5	846.7	846.7	846.0	844.6	842.8	839.8	837.5
835.6	833.2	829.4	825.1	819.1	811.8	0.0	0.0	0.0	
0.0	0.0	1006.0	968.8	935.8	920.5	910.4	903.2	895.8	891.2
883.9	870.6	857.0	846.3	836.7	830.3	826.5	823.6	821.4	819.7
818.2	816.8	815.7	814.7	814.9	815.1	815.4	815.7	816.0	816.2
816.0	818.0	819.6	821.4	823.1	824.6	825.9	827.2	828.4	829.6
830.5	831.1	831.8	832.4	833.0	833.7	834.5	835.1	835.7	836.2
836.6	837.0	837.5	837.8	837.8	837.0	835.5	833.3	830.8	829.1
827.7	825.6	823.2	821.1	819.0	816.9	825.1	0.0	0.0	
0.0	0.0	991.8	961.2	932.5	920.5	910.9	902.6	894.4	888.4
882.6	866.4	852.8	842.5	832.5	823.5	819.7	818.4	816.5	814.7
813.2	811.9	810.9	810.3	810.0	809.8	809.8	810.0	810.3	810.7
811.2	812.1	813.0	814.2	815.6	817.0	818.2	819.5	820.7	821.8
822.7	823.4	824.0	824.7	825.3	826.0	826.8	827.4	827.9	828.3
828.3	828.5	829.5	830.0	830.0	829.2	827.6	825.1	822.7	821.5
819.8	817.7	816.6	817.3	819.5	822.9	0.0	0.0	0.0	
0.0	0.0	981.2	953.9	929.5	919.2	910.7	900.8	892.2	885.1
875.5	861.0	848.7	838.8	829.6	822.7	818.3	815.0	812.1	809.8
808.1	806.5	805.4	804.6	804.0	803.8	803.8	803.9	804.2	804.6
805.1	805.7	806.4	807.3	808.5	809.7	810.8	812.0	813.1	814.2
815.1	815.8	816.4	817.0	817.7	818.4	819.2	819.9	820.5	821.0
821.3	821.8	822.2	822.4	822.3	821.3	819.5	816.7	813.9	812.1
810.0	809.0	807.3	808.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	972.6	947.7	927.3	917.7	908.5	898.6	889.8	880.9
869.5	856.3	844.8	835.4	826.6	820.1	815.6	811.7	808.3	805.7
803.6	801.7	800.2	799.0	797.4	798.0	798.4	798.7	799.0	799.3
799.8	800.3	800.8	801.6	802.7	803.8	804.8	805.8	806.9	807.9
808.7	809.4	810.1	810.7	811.3	812.0	812.8	813.6	814.2	814.8
815.2	815.7	816.0	816.0	815.8	814.7	812.6	809.4	805.9	802.6
800.6	799.8	797.9	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	965.0	943.0	926.3	916.0	906.6	896.7	886.9	876.6
865.1	852.6	841.6	832.5	824.0	817.6	813.0	808.8	805.2	802.3
800.1	798.2	796.9	795.9	795.2	794.9	794.8	794.9	795.0	795.3
795.6	796.0	796.5	797.2	798.1	799.1	800.0	801.0	801.9	802.8
803.6	804.3	805.0	805.6	806.2	806.9	807.8	808.5	809.2	809.8
810.3	810.7	811.0	811.0	810.6	809.4	807.2	803.6	799.5	795.5
791.8	791.0	787.2	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	958.4	939.0	925.9	913.2	904.6	894.5	883.2	872.4
860.9	848.8	838.2	829.4	821.0	814.7	810.0	805.6	801.8	798.8
796.6	794.7	793.4	792.5	791.9	791.4	791.2	791.1	791.1	791.3
791.5	791.8	792.2	792.8	793.6	794.4	795.3	796.1	796.9	797.5
798.5	799.2	799.8	800.5	801.1	801.8	802.6	803.4	804.1	804.7
805.2	805.7	806.0	806.0	805.6	804.2	801.8	798.1	793.7	788.3
781.7	775.2	763.7	752.2	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	953.5	935.7	925.7	911.1	902.6	892.1	879.6	868.8
857.4	845.6	835.2	826.5	818.3	811.9	807.1	802.8	798.8	795.7

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793.4    791.4    790.1    789.2    788.6    788.2    787.9    787.7    787.7    787.8
787.9    788.2    788.5    789.0    789.7    790.4    791.1    791.9    792.6    793.4
794.2    794.8    795.4    796.0    796.6    797.3    798.1    798.9    799.6    800.3
800.8    801.3    801.7    801.7    801.2    799.7    797.3    793.5    789.0    781.6
773.8    766.0    757.1    745.1    737.3      0.0      0.0      0.0      0.0
  0.0      0.0    949.8    932.9    925.1    909.2    900.4    889.2    876.4    865.7
854.5    842.8    832.6    824.0    815.8    809.5    804.7    800.3    796.2    793.0
790.6    788.5    787.2    786.3    785.5    785.2    785.0    784.9    784.8    784.8
784.9    785.1    785.4    785.7    786.3    786.9    787.6    788.3    789.0    789.8
790.4    791.0    791.5    792.1    792.7    793.4    794.2    795.0    795.7    796.4
797.0    797.6    797.9    798.0    797.5    796.0    793.5    789.7    784.6    776.1
767.9    759.0    747.6    742.4    737.7      0.0      0.0      0.0      0.0
  0.0      0.0    946.5    930.2    924.4    907.1    897.9    886.2    873.3    862.7
851.5    840.1    830.0    821.5    813.3    807.1    802.3    797.8    793.7    790.3
787.6    785.5    784.0    783.3    782.8    782.5    782.3    782.1    782.0    781.9
781.9    782.0    782.2    782.4    782.9    783.4    784.0    784.7    785.3    786.0
786.7    787.2    787.7    788.2    788.7    789.4    790.2    791.1    791.8    792.6
793.2    793.8    794.2    794.3    793.8    792.3    789.7    785.9    780.1    771.6
763.5    754.1    739.4    741.5    740.3      0.0      0.0      0.0      0.0
  0.0      0.0    943.7    927.6    923.7    904.7    895.2    882.9    870.2    859.7
848.7    837.3    827.3    818.9    810.9    804.7    800.0    795.5    791.2    787.5
784.9    782.5    780.1    780.2    780.0    779.8    779.5    779.3    779.1    779.0
778.9    778.8    778.9    779.1    779.4    779.9    780.5    781.1    781.7    782.3
782.8    783.3    783.7    784.2    784.7    785.4    786.2    787.1    787.9    788.7
789.4    790.0    790.5    790.6    790.2    788.7    786.1    782.3    776.3    768.3
761.2    754.0    746.5    743.7    741.7      0.0      0.0      0.0      0.0
  0.0      0.0    941.2    925.9    922.9    904.5    893.3    879.6    867.1    856.7
845.8    834.5    824.7    816.4    808.5    802.4    797.7    793.3    789.0    785.3
782.8    780.2    777.4    777.6    777.5    777.3    777.0    776.6    776.3    776.0
775.8    775.6    775.6    775.7    776.0    776.4    776.9    777.5    778.0    778.5
779.0    779.4    779.8    780.2    780.7    781.3    782.2    783.0    783.9    784.8
785.5    786.3    786.8    787.0    786.6    785.3    782.5    778.9    773.0    765.7
759.6    754.0    748.7    744.9    742.4      0.0      0.0      0.0      0.0
  0.0      0.0    939.3    925.2    922.3    903.9    890.5    876.3    864.0    853.7
843.0    831.8    822.1    814.0    806.2    800.2    795.6    791.2    787.0    783.3
780.9    778.5    776.8    776.1    775.5    775.0    774.6    774.1    773.6    773.1
772.7    772.4    772.2    772.2    772.5    772.9    773.4    774.0    774.4    774.8
775.2    775.4    775.7    776.1    776.5    777.1    778.0    779.0    780.0    780.9
781.7    782.5    783.2    783.4    783.2    781.9    779.4    775.8    770.2    763.5
758.2    753.4    748.8    744.8    742.1      0.0      0.0      0.0      0.0
  0.0      0.0    938.1    924.9    921.8    903.2    887.8    873.5    861.4    851.3
840.6    829.6    820.0    812.0    804.4    798.5    793.9    789.6    785.5    781.9
779.3    777.0    775.6    774.8    774.1    773.6    773.0    772.3    771.5    770.7
770.0    769.5    769.2    769.1    769.5    770.0    770.6    771.1    771.5    771.8
772.0    772.1    772.3    772.6    772.9    773.5    774.5    775.6    776.7    777.7
778.5    779.4    780.1    780.4    780.3    779.2    777.0    773.5    768.0    761.9
756.9    752.5    748.0    743.9    740.9      0.0      0.0      0.0      0.0
  0.0      0.0    937.4    924.7    921.6    902.4    885.5    871.2    859.3    849.3
838.7    827.8    818.3    810.4    803.0    797.1    792.7    788.4    784.3    781.0
778.3    776.0    774.7    774.1    773.4    772.7    771.8    770.9    769.8    768.8
767.8    767.0    766.6    766.5    767.1    767.8    768.4    768.9    769.2    769.4
769.5    769.5    769.6    769.7    769.9    770.6    771.7    772.9    774.0    775.0
776.0    776.9    777.7    778.1    778.1    777.1    775.0    771.6    766.5    760.6
755.9    751.5    747.0    742.7    739.6      0.0      0.0      0.0      0.0
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0.0	0.0	936.9	924.6	921.4	901.5	882.8	868.8	857.2	847.3
836.9	826.1	816.7	808.9	801.6	795.8	791.4	787.2	783.3	780.4
778.0	775.6	774.0	773.5	772.8	771.9	770.8	769.6	768.2	766.8
765.5	764.3	763.6	763.7	764.7	765.6	766.3	766.8	767.1	767.1
767.1	767.0	766.8	766.6	766.7	767.5	768.9	770.2	771.3	772.5
773.4	774.4	775.3	775.8	775.8	775.0	773.1	769.9	765.0	759.4
754.8	750.5	745.9	741.2	737.8	0.0	0.0	0.0	0.0	
0.0	0.0	936.6	924.7	921.3	900.7	879.9	866.5	855.2	845.4
835.0	824.4	815.2	807.5	800.2	794.6	790.3	786.1	782.5	780.0
777.7	775.4	774.0	773.2	772.3	771.2	769.7	768.3	766.7	765.0
763.1	761.1	759.9	760.5	762.3	763.5	764.3	764.8	765.0	765.0
764.8	764.5	764.0	763.5	762.9	764.4	766.0	767.5	768.7	769.8
770.9	771.9	772.8	773.4	773.7	773.0	771.3	768.3	763.7	758.3
753.8	749.5	744.6	739.3	735.2	0.0	0.0	0.0	0.0	
0.0	985.0	936.5	924.9	921.4	899.8	876.5	864.1	853.1	843.5
833.2	822.8	813.7	806.1	799.0	793.4	789.2	785.3	781.9	779.6
777.3	775.2	773.9	772.9	771.8	770.3	768.8	767.2	765.4	763.4
760.8	757.1	754.6	757.0	760.1	761.7	762.6	763.0	763.1	763.0
762.6	762.2	761.5	760.4	757.6	761.4	763.4	764.8	766.1	767.2
768.3	769.4	770.4	771.1	771.5	771.0	769.5	766.7	762.4	757.3
753.0	748.6	743.4	737.3	731.6	726.3	0.0	0.0	0.0	
0.0	981.6	936.0	925.2	921.1	898.8	872.5	861.6	851.1	841.6
831.5	821.2	812.2	804.7	797.7	792.2	788.2	784.5	781.4	779.1
777.0	775.1	773.7	772.6	771.3	769.7	768.0	766.3	764.5	762.4
759.8	756.4	751.2	756.1	758.8	760.2	761.0	761.3	761.4	761.1
760.7	760.3	759.7	759.0	758.3	759.5	761.0	762.3	763.5	764.6
765.7	766.9	768.0	768.8	769.3	769.1	767.8	765.2	761.3	756.4
752.2	747.8	742.5	735.5	730.8	723.6	0.0	0.0	0.0	
0.0	978.4	935.4	925.7	920.8	897.9	867.8	859.2	849.1	839.7
829.8	819.6	810.7	803.4	796.5	791.0	787.2	783.8	781.0	778.8
776.8	774.9	773.5	772.3	770.9	769.2	767.5	765.7	763.9	762.0
759.8	757.5	755.6	756.6	758.1	759.1	759.7	759.9	759.8	759.5
759.0	758.5	758.0	757.6	757.3	757.8	758.8	759.8	760.8	761.9
763.1	764.3	765.6	766.5	767.2	767.1	766.0	763.8	760.2	755.7
751.7	747.4	742.0	734.8	729.4	721.6	0.0	0.0	0.0	
0.0	975.6	935.1	926.0	920.4	896.9	862.2	856.8	847.1	837.9
828.1	818.1	809.3	802.1	795.3	789.8	786.3	783.4	780.7	778.4
776.5	774.7	773.2	772.1	770.6	768.8	767.0	765.3	763.6	761.8
760.1	758.4	757.3	757.2	757.7	758.3	758.5	758.6	758.4	757.9
757.4	756.9	756.5	756.1	755.9	756.0	756.5	757.3	758.2	759.2
760.4	761.7	763.1	764.2	765.1	765.2	764.4	762.4	759.2	755.0
751.5	746.9	740.6	733.5	727.8	720.3	0.0	0.0	0.0	
0.0	971.8	934.6	926.4	919.9	895.6	855.2	854.6	845.2	836.1
826.5	816.6	808.0	800.9	794.1	788.9	785.9	783.0	780.4	778.2
776.3	774.4	773.0	771.8	770.3	768.5	766.7	765.1	763.4	761.8
760.3	759.0	758.0	757.5	757.5	757.6	757.6	757.4	757.1	756.5
755.9	755.4	754.9	754.5	754.2	754.0	754.2	754.7	755.4	756.4
757.6	759.1	760.7	761.9	763.0	763.4	762.7	761.0	758.3	754.5
751.0	745.8	739.2	732.1	726.5	719.3	0.0	0.0	0.0	
0.0	966.7	934.2	926.6	919.3	894.2	846.9	852.6	843.4	834.4
824.9	815.2	806.7	799.6	793.1	788.2	785.4	782.7	780.0	777.9
776.0	774.2	772.8	771.5	770.0	768.2	766.5	764.9	763.3	761.9
760.5	759.3	758.3	757.5	757.2	757.0	756.8	756.5	755.9	755.2
754.5	753.9	753.3	752.8	752.3	751.9	751.7	751.9	752.5	753.5

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754.8    756.4    758.2    759.6    760.9    761.5    761.1    759.7    757.5    753.7
749.3    743.8    737.8    730.9    725.7    718.3      0.0      0.0      0.0
  0.0    960.9    933.6    926.8    918.2    893.2    853.1    850.7    841.1    832.3
823.0    813.5    805.1    798.0    791.9    787.5    784.8    782.2    779.7    777.5
775.7    774.0    772.6    771.2    769.5    767.9    766.3    764.8    763.3    761.9
760.7    759.5    758.5    757.4    757.0    756.5    756.0    755.4    754.7    753.8
752.9    752.2    751.4    750.7    750.0    749.2    748.5    748.3    748.7    749.7
751.1    753.0    755.0    756.8    758.4    759.2    759.1    758.0    756.5    751.8
746.7    741.6    736.0    729.5    724.6    717.1      0.0      0.0      0.0
  0.0    954.9    932.8    926.5    916.6    892.3    857.3    848.8    838.7    829.8
820.7    811.5    803.3    796.0    790.6    786.7    784.2    781.7    779.2    777.1
775.4    773.7    772.3    770.9    769.3    767.7    766.2    764.7    763.3    762.0
760.8    759.8    758.8    757.7    756.8    756.1    755.3    754.4    753.4    752.3
751.2    750.2    749.2    748.1    747.0    745.7    744.2    743.3    743.4    744.5
746.3    748.7    751.3    753.4    755.4    756.6    756.7    756.0    754.3    748.7
743.8    739.0    733.5    727.1    722.7    715.6      0.0      0.0      0.0
  0.0    949.6    932.0    925.8    915.0    890.9    859.6    847.1    836.3    827.5
818.6    809.6    801.8    795.0    789.7    786.3    783.7    781.2    778.8    776.7
775.0    773.4    772.0    770.7    769.1    767.5    766.1    764.7    763.4    762.2
761.0    760.0    759.0    757.9    756.8    755.8    754.8    753.7    752.5    751.0
749.7    748.5    747.1    745.7    744.1    742.0    739.4    737.4    736.9    738.6
741.2    744.4    747.7    750.2    752.6    754.0    754.3    753.7    751.3    745.7
740.7    735.6    729.9    723.3    719.4    714.2      0.0      0.0      0.0
  0.0    944.9    931.3    924.9    913.3    889.3    860.4    845.3    834.0    825.2
816.5    807.9    800.5    794.2    789.1    785.8    783.2    780.7    778.4    776.4
774.8    773.1    771.8    770.5    769.0    767.5    766.1    764.8    763.6    762.4
761.3    760.2    759.2    758.1    756.9    755.7    754.5    753.3    751.8    750.1
748.5    747.0    745.4    743.5    741.4    738.4    734.1    730.0    728.3    731.5
735.7    740.3    744.3    747.3    750.0    751.6    751.9    751.3    748.5    742.6
737.4    732.1    725.5    719.9    714.5    713.8      0.0      0.0      0.0
  0.0    940.6    930.5    923.8    911.5    887.4    860.0    843.3    831.7    823.0
814.5    806.3    799.3    793.5    788.7    785.3    782.7    780.3    778.1    776.2
774.5    772.9    771.5    770.3    768.9    767.6    766.3    765.0    763.8    762.7
761.6    760.6    759.6    758.4    757.1    755.8    754.5    753.0    751.4    749.6
747.7    746.0    744.1    741.9    739.3    735.4    729.2    720.1    714.5    723.4
730.5    736.7    741.4    744.7    747.5    749.3    749.7    749.0    745.7    739.4
734.0    728.7    722.8    716.7    711.2      0.0      0.0      0.0      0.0
  0.0    936.7    929.8    922.7    909.4    885.2    858.8    841.2    829.3    820.7
812.6    804.8    798.2    792.9    788.3    784.8    782.1    779.8    777.8    776.0
774.4    772.7    771.0    770.2    769.0    767.8    766.6    765.4    764.2    763.1
762.1    761.0    760.0    758.8    757.5    756.1    754.7    753.1    751.3    749.3
747.4    745.6    743.5    741.1    738.3    734.1    727.1    716.3    696.5    717.0
727.1    734.2    739.2    742.6    745.4    747.1    747.5    746.7    742.8    736.0
730.3    724.9    718.9    712.9    709.8      0.0      0.0      0.0      0.0
  0.0    932.8    927.6    921.2    906.9    882.3    856.7    838.3    826.4    818.1
810.4    803.1    797.0    792.2    787.7    784.3    781.6    779.4    777.6    776.0
774.6    773.2    771.8    770.6    769.4    768.2    767.1    766.0    764.9    763.8
762.8    761.8    760.8    759.6    758.2    756.7    755.2    753.5    751.7    749.5
747.5    745.7    743.6    741.2    738.6    734.7    729.0    722.0    714.5    721.6
727.7    733.2    737.6    740.7    743.3    744.8    745.0    744.1    739.3    731.7
725.3    719.2    712.7    708.4    706.8      0.0      0.0      0.0      0.0
  0.0    928.6    924.0    918.3    903.1    878.1    853.3    834.5    822.8    815.0
808.0    801.3    795.8    791.3    787.1    783.8    781.3    779.4    777.8    776.4
775.2    773.9    772.7    771.4    770.3    769.2    768.1    767.0    766.0    765.0
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763.9	763.0	762.0	760.8	759.3	757.8	756.2	754.5	752.6	750.4
748.4	746.7	744.7	742.6	740.3	737.3	733.3	729.6	727.1	728.4
730.9	734.0	737.0	739.4	741.4	742.6	742.5	741.6	735.2	726.3
718.8	711.4	706.1	704.9	703.9	0.0	0.0	0.0	0.0	
0.0	924.5	920.7	911.3	898.2	873.5	849.2	830.1	819.0	812.0
805.7	799.7	794.8	790.7	786.8	783.8	781.4	779.7	778.4	777.2
776.2	774.8	773.5	772.5	771.4	770.4	769.4	768.4	767.4	766.4
765.4	764.5	763.5	762.3	760.9	759.3	757.7	755.9	754.0	751.8
749.9	748.3	746.5	744.6	742.7	740.2	737.3	734.8	733.2	733.0
733.8	735.4	737.2	738.7	740.0	740.7	740.3	738.3	730.4	720.8
712.1	705.2	699.4	700.7	700.4	0.0	0.0	0.0	0.0	
0.0	920.6	917.6	906.9	893.8	868.7	844.6	825.1	815.0	808.9
803.5	798.4	794.1	790.5	786.9	784.0	781.8	780.4	779.3	778.2
777.3	776.2	775.0	774.0	773.0	772.0	771.0	770.1	769.1	768.2
767.3	766.4	765.4	764.3	762.8	761.2	759.6	757.8	755.8	753.7
751.8	750.3	748.6	746.9	745.2	743.0	740.6	738.5	737.1	736.3
736.3	736.8	737.7	738.4	739.1	739.1	738.2	734.6	726.3	716.2
709.3	705.3	701.1	698.1	696.2	0.0	0.0	0.0	0.0	
0.0	916.8	914.6	903.3	889.6	863.5	839.5	819.3	810.6	805.8
801.7	797.5	793.8	790.6	787.4	784.7	782.3	781.5	780.5	779.5
778.7	777.8	776.9	775.8	774.8	773.9	773.0	772.1	771.3	770.4
769.5	768.6	767.7	766.5	765.1	763.5	761.8	760.0	758.0	756.0
754.1	752.5	750.9	749.3	747.6	745.6	743.4	741.5	740.0	739.0
738.5	738.3	738.4	738.5	738.5	737.8	736.3	731.7	722.8	714.2
709.5	705.0	699.8	693.9	689.2	0.0	0.0	0.0	0.0	
0.0	913.0	911.7	900.0	884.6	858.0	833.9	812.7	806.0	802.9
800.2	797.1	794.0	791.2	788.5	786.1	784.5	783.3	782.1	781.2
780.3	779.5	778.8	778.0	777.0	776.2	775.3	774.5	773.7	772.9
772.1	771.2	770.3	769.2	767.7	766.2	764.5	762.6	760.6	758.4
756.5	754.9	753.3	751.6	750.0	748.1	745.9	744.0	742.4	741.2
740.4	739.8	739.3	738.9	738.2	736.8	734.7	729.1	721.2	715.0
710.1	705.3	699.0	689.7	675.2	0.0	0.0	0.0	0.0	
0.0	909.3	908.3	895.9	877.4	851.3	826.7	802.8	800.0	799.8
799.2	797.5	795.1	792.7	790.5	788.5	787.0	785.8	784.6	783.6
782.8	782.0	781.3	780.7	780.0	779.4	778.7	778.0	777.3	776.5
775.8	774.9	774.1	773.0	771.5	769.9	768.2	766.3	764.2	761.8
759.8	758.1	756.3	754.6	752.9	750.8	748.5	746.7	745.1	743.8
742.7	741.8	740.8	739.8	738.3	736.1	733.0	727.9	721.7	716.0
711.8	708.1	704.6	702.1	0.0	0.0	0.0	0.0	0.0	
0.0	905.7	905.5	891.1	869.4	843.9	822.2	804.1	793.2	799.1
801.3	800.6	798.7	796.6	794.4	792.7	791.0	789.5	788.2	787.3
786.5	785.9	785.4	785.0	784.6	784.1	783.5	783.0	782.3	781.6
780.9	780.1	779.3	778.1	776.6	775.0	773.2	771.1	768.8	766.3
764.0	762.2	760.3	758.2	756.1	753.4	750.5	749.0	747.8	746.7
745.7	744.5	743.2	741.7	739.5	736.4	732.7	728.0	722.5	717.3
713.7	710.6	707.6	704.7	0.0	0.0	0.0	0.0	0.0	
0.0	901.8	903.7	886.1	861.5	836.9	817.9	806.9	802.6	805.0
806.6	806.3	804.7	802.8	800.5	798.3	796.9	795.4	794.1	793.1
792.3	791.7	791.3	790.9	790.5	790.0	789.4	788.8	788.2	787.5
786.8	786.0	785.1	783.9	782.3	780.6	778.7	776.5	774.2	771.5
769.1	767.0	764.7	762.1	759.1	754.6	747.0	749.8	750.7	750.4
749.6	748.3	746.6	744.6	741.9	738.1	733.9	729.0	723.7	718.8
715.2	712.2	710.7	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	900.1	901.9	881.0	854.0	829.7	813.7	810.4	810.4	812.7

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814.5   814.5   812.7   810.7   808.3   805.9   804.6   803.2   801.9   800.8
799.9   799.1   798.4   797.9   797.3   796.7   796.1   795.5   794.8   794.0
793.2   792.3   791.3   790.0   788.3   786.5   784.5   782.4   780.0   777.5
775.2   773.3   771.3   769.2   767.0   764.2   761.2   759.4   758.1   756.7
755.3   753.4   751.1   748.6   745.3   741.0   736.3   731.1   725.6   721.0
717.9   716.1     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0   899.3   899.9   875.3   845.6   822.2   812.7   814.9   819.3   823.3
825.8   826.8   823.7   821.1   818.4   816.1   814.5   812.9   811.4   810.1
809.1   808.0   807.2   806.6   805.8   805.1   804.3   803.5   802.7   801.8
800.8   799.8   798.7   797.3   795.5   793.6   791.6   789.5   787.3   784.9
782.9   781.2   779.5   777.7   776.0   773.8   771.2   768.9   766.7   764.7
762.6   760.1   757.3   754.3   750.5   745.5   740.2   734.5   728.5   723.2
719.4   716.6   715.0   714.1     0.0     0.0     0.0     0.0     0.0
  0.0   897.8   893.7   866.5   833.6   812.4   808.7   820.8   830.7   838.2
841.6   842.2   837.2   833.3   830.0   827.6   825.8   824.0   822.3   820.8
819.6   818.3   817.2   816.4   815.5   814.5   813.6   812.6   811.6   810.5
809.5   808.3   807.1   805.6   803.7   801.7   799.7   797.6   795.5   793.2
791.3   789.7   788.1   786.5   784.9   782.8   780.3   777.9   775.4   773.0
770.6   767.8   764.5   761.1   756.8   751.5   745.8   739.7   733.3   727.4
723.8   720.5   717.0   713.7   711.6   710.2   709.6     0.0     0.0
  0.0   895.3   882.4   853.4   821.3   802.4   801.1   827.6   842.7   853.0
857.6   851.8   847.4   843.8   840.6   838.0   836.1   834.2   832.3   830.7
829.3   827.8   826.5   825.5   824.5   823.4   822.3   821.2   820.0   818.8
817.6   816.3   815.1   813.4   811.4   809.3   807.2   805.1   803.0   800.8
798.9   797.4   795.8   794.2   792.6   790.6   788.1   785.6   783.1   780.5
777.9   774.9   771.4   767.8   763.3   757.7   751.9   745.8   739.5   734.2
730.6   727.5   724.4   721.4   718.4   715.2   712.6   711.8     0.0
  0.0   892.5   868.5   835.9   805.2   808.1   815.8   837.3   853.7   861.6
866.8   861.5   856.7   853.1   849.9   847.3   845.3   843.3   841.3   839.5
837.9   836.3   834.9   833.7   832.6   831.4   830.1   828.9   827.5   826.2
824.9   823.5   822.2   820.4   818.2   816.1   813.9   811.7   809.6   807.4
805.6   804.0   802.5   800.9   799.3   797.3   794.8   792.3   789.7   787.1
784.4   781.3   777.6   774.0   769.4   763.8   758.1   752.1   746.0   740.9
737.3   734.2   731.1   728.5   725.6   722.1   718.7   715.9     0.0
  0.0   890.0   854.3   823.4   796.0   816.9   831.0   848.2   862.7   872.6
875.5   869.3   864.5   861.0   857.8   855.3   853.3   851.2   849.1   847.2
845.5   843.7   842.2   840.9   839.6   838.3   837.0   835.7   834.3   833.0
831.5   830.1   828.6   826.7   824.4   821.9   819.2   817.3   815.3   813.2
811.3   809.8   808.2   806.6   805.0   803.0   800.5   797.9   795.3   792.7
790.1   787.0   783.3   779.7   775.0   769.4   763.6   757.8   751.9   747.1
743.9   741.1   738.4   735.8   732.7   729.2   725.5   721.4     0.0
  0.0     0.0   841.9   820.3   811.9   829.6   844.7   858.8   873.0   878.4
879.0   874.9   871.0   867.8   864.8   862.2   860.2   858.0   855.8   853.8
852.0   850.2   848.6   847.3   846.0   844.7   843.3   841.9   840.5   839.0
837.6   836.1   834.6   832.7   830.4   828.0   825.6   823.3   821.0   818.6
816.6   815.0   813.4   811.7   810.1   808.0   805.4   802.8   800.2   797.6
795.0   791.8   788.2   784.5   779.8   774.2   768.4   762.7   757.1   752.6
749.6   747.1   744.7   742.4   739.8   737.1   734.7   732.2     0.0
  0.0     0.0   835.0   830.0   830.6   845.7   862.2   878.4   884.9   885.0
883.7   880.8   877.8   875.3   872.5   870.0   867.9   865.7   863.4   861.3
859.4   857.5   855.8   854.5   853.1   851.7   850.2   848.8   847.3   845.8
844.3   842.7   841.2   839.2   836.8   834.3   831.9   829.4   826.9   824.4
822.3   820.6   818.9   817.2   815.5   813.3   810.7   808.0   805.4   802.8
800.1   796.9   793.2   789.5   784.8   779.1   773.4   767.8   762.5   758.3
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755.6    753.4    751.3    749.4    747.4    745.4    743.8    742.5      0.0
  0.0      0.0    835.3    862.5    856.5    865.6    879.2    891.0    891.3    889.9
888.7    887.0    884.8    882.7    880.1    877.7    875.6    873.4    871.0    868.8
866.8    864.7    862.9    861.4    859.9    858.4    856.9    855.3    853.7    852.1
850.5    848.9    847.2    845.1    842.5    840.0    837.3    834.7    832.0    829.4
827.2    825.4    823.6    821.8    820.0    817.8    815.1    812.4    809.7    807.0
804.2    801.0    797.2    793.5    788.8    783.1    777.5    772.0    766.9    763.1
760.7    758.7    756.8    755.2    753.4    751.7    750.5    749.4      0.0
  0.0      0.0    831.3    855.8    870.8    878.2    888.4    890.2    893.5    894.4
893.9    892.9    890.6    888.5    886.0    883.5    881.4    879.1    876.7    874.4
872.3    870.2    868.3    866.7    865.2    863.5    861.9    860.2    858.5    856.7
855.0    853.2    851.4    849.2    846.4    843.7    840.9    838.1    835.3    832.6
830.2    828.4    826.5    824.7    822.9    820.6    817.8    815.1    812.3    809.6
806.8    803.5    799.8    796.0    791.2    785.6    780.0    774.7    769.8    766.3
764.1    762.3    760.7    759.2    757.7    756.3    755.3    754.5      0.0
  0.0      0.0    822.1    849.5    869.1    880.7    892.0    901.5    899.6    899.0
898.0    896.5    894.6    892.5    889.9    887.4    885.2    882.9    880.3    878.0
875.8    873.6    871.7    870.1    868.4    866.8    865.1    863.3    861.5    859.7
857.8    855.9    854.0    851.7    848.8    845.9    843.0    840.1    837.2    834.4
832.0    830.1    828.2    826.3    824.5    822.1    819.4    816.6    813.9    811.1
808.3    805.1    801.3    797.6    792.8    787.2    781.8    776.9    772.5    769.3
767.3    765.7    764.2    762.9    761.6    760.3    759.3    758.2      0.0
  0.0      0.0    808.7    843.8    867.4    882.1    892.4    899.2    900.1    900.5
900.0    898.7    896.9    894.6    891.9    889.3    887.1    884.7    882.1    879.7
877.5    875.2    873.2    871.6    870.0    868.3    866.5    864.7    862.9    861.1
859.2    857.3    855.3    852.9    849.9    847.0    844.1    841.2    838.4    835.5
833.2    831.3    829.4    827.5    825.7    823.4    820.6    817.8    815.0    812.2
809.4    806.1    802.3    798.6    793.9    788.5    783.3    778.5    774.2    771.2
769.3    767.8    766.5    765.3    764.3    763.4    762.9    740.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
         5       1.0              (10F8.1)            8           START HEAD   5
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0      0.0      0.0      0.0    929.3    950.0    950.0    950.0    942.4
944.2    937.8    927.0    918.5    904.1    882.9    900.3    905.5    910.1    913.2
915.0    915.7    916.1    916.4    916.6    916.6    916.6    916.5    916.3    916.0
915.8    915.6    915.2    911.2    906.9    903.5    900.9    898.6    896.7    895.1
894.1    893.3    892.5    891.8    891.0    890.2    889.3    888.5    887.9    887.5
887.2    887.3    887.6    889.4    892.8    896.0    894.1    891.5    889.6    888.0
887.4    886.3    883.4    879.4    873.5    865.2    861.0    760.0      0.0
  0.0      0.0      0.0      0.0      0.0    885.7    890.8    895.2    902.5    912.9
924.9    924.9    903.1    886.4    873.5    875.0    882.9    889.1    892.9    895.2
897.2    899.1    900.0    900.6    901.1    901.5    901.7    902.0    902.0    902.0
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901.9    901.6    901.2    900.7    900.0    899.3    898.7    897.5    896.1    894.4
892.9    891.8    890.7    890.0    889.3    888.2    888.2    888.2    888.4    888.7
888.9    889.5    890.5    892.6    895.0    896.4    894.0    890.8    885.6    875.4
868.3    860.4    850.6    838.7    823.8    798.7    771.0    762.0      0.0
  0.0      0.0      0.0    941.4    929.4    921.2    907.8    892.6    880.2    878.9
878.7    874.4    865.8    858.2    858.2    862.8    868.0    873.1    877.5    880.6
882.8    884.8    886.4    887.5    888.6    889.6    890.4    891.2    892.0    892.6
893.3    893.8    894.3    894.6    894.4    893.9    893.3    892.5    891.6    890.6
889.7    888.9    888.1    887.3    886.6    885.9    885.8    886.5    887.2    886.9
886.4    887.1    888.7    890.0    890.7    889.5    886.9    882.8    877.8    873.9
871.5    869.7    868.2    867.2    866.3    864.4      0.0      0.0      0.0
  0.0      0.0   1007.0    964.7    949.0    934.1    914.5    897.7    871.2    869.6
864.2    855.8    849.6    844.9    845.0    852.7    857.6    861.6    864.8    866.8
868.3    869.6    870.6    871.3    872.0    872.9    873.8    874.7    875.5    876.2
877.0    877.6    878.3    878.9    879.5    879.9    880.1    880.1    879.8    879.3
878.7    878.1    877.5    877.1    876.8    876.8    877.1    877.5    877.9    877.7
877.3    877.0    876.8    876.7    876.2    874.8    872.6    869.8    867.3    865.8
865.2    865.0    865.0    865.3    865.7    864.7      0.0      0.0      0.0
  0.0      0.0   1003.7    972.5    945.9    921.7    901.2    896.8    886.9    880.4
872.2    857.7    841.4    824.7    827.1    838.1    844.5    848.7    851.7    852.7
852.9    852.9    852.7    852.5    852.3    852.8    854.4    856.3    858.2    860.0
861.6    862.9    864.0    865.0    865.5    865.4    864.9    864.4    864.1    863.8
863.7    863.6    863.6    863.6    863.7    863.8    864.0    864.3    864.5    864.9
865.2    865.9    865.9    865.5    864.9    863.5    861.8    859.9    858.2    857.2
856.6    856.3    856.1    856.1    855.9    853.9      0.0      0.0      0.0
  0.0      0.0   1004.5    971.8    940.5    915.2    899.2    900.3    892.9    885.2
875.5    861.9    846.4    838.0    834.2    835.5    836.5    837.6    838.1    835.4
831.8    827.0    827.5    828.0    828.7    830.8    834.6    838.3    841.5    844.1
846.4    848.2    849.5    850.7    851.3    851.1    850.5    850.2    850.3    850.5
850.8    851.0    851.3    851.5    851.8    852.2    852.6    853.0    853.5    853.8
854.1    854.3    854.7    854.8    854.8    854.1    852.9    851.1    849.4    847.9
846.9    846.0    845.1    844.4    843.8    840.7      0.0      0.0      0.0
  0.0      0.0   1003.4    973.0    938.5    916.1    902.7    898.3    890.8    882.8
873.1    861.3    849.3    839.7    832.5    828.8    825.9    823.1    820.2    818.7
817.1    815.3    814.4    814.0    813.8    814.5    817.1    819.9    822.3    824.3
826.4    828.3    829.7    831.1    832.0    832.5    833.8    835.1    836.2    837.2
837.9    838.4    838.9    839.4    839.9    840.5    841.2    841.8    842.3    842.8
843.1    843.3    843.7    844.0    844.1    844.0    843.1    841.6    839.5    837.4
835.7    834.0    831.7    828.6    824.5    819.2      0.0      0.0      0.0
  0.0      0.0   1007.6    969.7    936.4    916.4    904.3    896.4    887.9    880.3
871.4    859.9    847.8    837.0    827.8    821.5    817.2    813.9    811.4    809.6
808.1    807.0    806.3    806.1    806.2    806.7    807.6    808.8    810.2    811.5
812.8    814.2    815.4    816.8    818.4    819.8    821.3    822.6    823.9    825.1
826.0    826.7    827.4    828.0    828.6    829.3    830.1    830.8    831.5    832.0
832.5    832.9    833.1    833.3    833.4    833.0    832.3    830.9    828.7    826.9
825.3    823.4    820.7    817.5    813.4    808.8      0.0      0.0      0.0
  0.0      0.0    997.5    963.8    933.2    916.0    904.3    894.7    885.5    878.5
869.5    856.3    843.4    832.9    822.4    814.8    810.8    807.5    804.7    802.6
801.0    799.6    798.7    798.2    798.0    798.0    798.3    798.9    799.6    800.3
801.2    802.8    804.5    806.4    808.1    809.8    811.3    812.8    814.1    815.4
816.4    817.1    817.8    818.5    819.1    819.9    820.7    821.4    822.1    822.6
823.1    823.6    824.1    824.4    824.5    824.0    822.6    820.9    819.1    817.6
816.4    815.1    813.8    812.6    811.4    810.8    815.3      0.0      0.0
  0.0      0.0    985.9    957.8    930.2    915.0    903.7    893.0    883.1    875.4
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866.7   852.0   838.8   828.1   817.5   809.6   805.1   802.0   799.3   797.1
795.4   793.9   792.9   792.1   791.7   791.5   791.8   792.2   792.9   793.8
794.8   796.2   797.5   798.8   800.5   802.0   803.5   804.9   806.2   807.5
808.4   809.2   809.9   810.6   811.2   812.0   812.8   813.5   814.1   814.6
815.0   815.5   816.2   816.6   816.8   816.2   815.0   813.2   811.3   810.0
809.0   808.0   807.7   808.3   810.4   812.3     0.0     0.0     0.0
  0.0     0.0   976.7   951.6   927.2   913.4   902.2   890.3   880.1   871.5
860.8   846.8   834.2   823.8   814.0   806.8   802.0   798.2   794.9   792.4
790.4   788.7   787.4   786.5   785.7   785.4   785.6   786.1   786.8   787.6
788.6   789.7   790.9   792.2   793.5   794.8   796.1   797.4   798.6   799.8
800.8   801.5   802.2   802.9   803.5   804.3   805.1   805.8   806.5   807.1
807.6   808.1   808.6   808.9   809.0   808.4   807.0   804.9   802.6   800.9
799.6   798.9   798.7   799.9     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   969.3   946.4   925.0   911.4   899.6   887.6   877.0   867.2
855.5   842.1   830.1   820.2   810.9   804.0   799.3   795.1   791.5   788.9
786.5   784.3   782.7   781.6   780.7   780.7   781.0   781.5   782.1   782.8
783.6   784.5   785.4   786.7   788.0   789.1   790.2   791.4   792.5   793.6
794.5   795.2   795.9   796.6   797.2   797.9   798.8   799.5   800.2   800.8
801.3   801.9   802.3   802.6   802.5   801.8   800.2   797.7   794.8   792.0
790.2   789.0   788.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   963.5   942.5   923.5   909.2   897.3   885.2   874.0   863.3
851.3   838.3   826.8   817.3   808.3   801.6   796.9   792.7   788.9   785.7
783.1   781.0   779.6   778.7   778.1   777.9   778.0   778.2   778.6   779.2
779.8   780.5   781.2   782.2   783.5   784.5   785.6   786.7   787.7   788.7
789.6   790.3   790.9   791.6   792.2   792.9   793.7   794.5   795.2   795.8
796.3   796.9   797.3   797.5   797.4   796.6   794.8   792.0   788.5   784.8
781.8   779.6   777.2     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   958.1   938.9   922.3   906.5   894.8   882.6   870.4   859.2
847.3   834.6   823.5   814.3   805.6   799.1   794.5   789.7   785.5   782.2
779.8   777.8   776.5   775.7   775.2   774.9   774.8   774.9   775.2   775.5
776.0   776.6   777.2   777.9   779.0   780.1   781.0   782.0   782.9   783.8
784.7   785.3   786.0   786.6   787.2   787.9   788.7   789.5   790.2   790.8
791.4   792.0   792.4   792.6   792.4   791.5   789.6   786.5   782.5   777.5
772.5   767.4   760.5   752.1     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   953.9   936.0   921.3   904.0   892.3   879.8   867.0   855.7
843.8   831.4   820.6   811.7   803.2   796.8   791.7   786.7   782.5   779.3
776.9   774.9   773.6   772.8   772.2   771.9   771.8   771.9   772.0   772.3
772.6   773.1   773.6   774.4   775.3   776.2   777.1   778.0   778.9   779.7
780.5   781.1   781.7   782.3   782.8   783.6   784.4   785.1   785.8   786.5
787.1   787.7   788.1   788.3   788.1   787.1   785.1   782.0   777.6   771.5
765.5   759.6   752.7   745.4   738.7     0.0     0.0     0.0     0.0
  0.0     0.0   950.7   933.7   920.3   901.8   890.0   877.1   864.0   852.7
840.9   828.7   818.2   809.6   800.8   794.1   789.0   784.3   780.0   776.7
774.2   772.2   770.8   770.0   769.4   769.2   769.1   769.1   769.3   769.5
769.8   770.2   770.7   771.4   772.2   773.0   773.8   774.6   775.4   776.2
776.9   777.5   778.0   778.6   779.1   779.8   780.6   781.4   782.1   782.8
783.4   784.0   784.5   784.7   784.5   783.4   781.4   778.2   773.5   766.8
760.5   754.1   747.1   742.1   738.0     0.0     0.0     0.0     0.0
  0.0     0.0   947.8   931.2   919.0   899.6   887.5   874.2   860.9   849.7
838.0   826.1   815.9   807.0   798.0   791.5   786.5   781.9   777.6   774.1
771.5   769.4   768.0   767.3   766.8   766.6   766.5   766.5   766.6   766.8
767.2   767.5   767.9   768.4   769.0   769.7   770.4   771.2   771.9   772.7
773.3   773.8   774.3   774.9   775.4   776.1   776.9   777.6   778.4   779.1
779.7   780.4   780.9   781.1   780.9   779.9   777.8   774.6   769.6   763.0
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756.8	750.5	741.8	739.4	737.9	0.0	0.0	0.0	0.0
0.0	0.0	945.1	928.7	917.8	897.5	885.0	871.2	857.8	846.7
835.2	823.5	813.6	804.2	795.5	789.0	784.2	779.6	775.2	771.7
769.0	766.7	765.2	764.8	764.6	764.5	764.4	764.3	764.3	764.4
764.5	764.7	765.0	765.3	765.8	766.5	767.1	767.8	768.4	769.1
769.7	770.2	770.7	771.1	771.6	772.3	773.1	773.9	774.7	775.4
776.1	776.8	777.3	777.5	777.4	776.4	774.3	771.2	766.2	760.2
754.3	748.3	742.4	739.8	738.2	0.0	0.0	0.0	0.0
0.0	0.0	942.8	926.7	916.6	896.1	882.5	868.0	854.8	843.8
832.5	821.2	810.7	801.5	793.1	786.7	781.9	777.4	773.1	769.5
766.9	764.6	763.3	762.9	762.6	762.4	762.2	762.0	761.9	761.9
761.8	761.9	762.0	762.2	762.7	763.2	763.7	764.3	764.9	765.6
766.1	766.5	766.9	767.4	767.8	768.5	769.3	770.1	770.9	771.7
772.4	773.1	773.7	774.0	774.0	773.0	771.0	768.0	763.4	757.5
752.0	747.0	742.7	740.0	738.2	0.0	0.0	0.0	0.0
0.0	0.0	940.8	925.2	915.4	894.6	879.7	864.8	851.8	841.0
830.0	818.3	807.7	798.9	790.7	784.4	779.7	775.3	771.2	767.7
765.2	763.1	762.0	761.4	760.9	760.5	760.2	759.9	759.6	759.3
759.1	759.0	758.9	759.0	759.3	759.8	760.3	760.8	761.4	762.0
762.5	762.8	763.2	763.6	764.0	764.6	765.4	766.3	767.1	768.0
768.8	769.5	770.2	770.6	770.6	769.8	768.0	765.1	760.8	755.0
749.9	745.8	742.5	739.7	737.6	0.0	0.0	0.0	0.0
0.0	0.0	939.4	924.5	914.6	893.3	877.0	862.0	849.3	838.7
827.9	816.0	805.5	796.9	788.8	782.5	778.0	773.7	769.6	766.5
764.3	762.3	761.2	760.5	759.9	759.3	758.8	758.3	757.8	757.3
756.9	756.6	756.4	756.4	756.7	757.1	757.5	758.1	758.5	759.2
759.5	759.8	760.1	760.4	760.7	761.3	762.2	763.1	764.0	764.9
765.7	766.5	767.3	767.8	767.9	767.2	765.5	762.8	758.6	753.0
748.4	745.0	741.6	738.7	736.6	0.0	0.0	0.0	0.0
0.0	0.0	938.5	924.0	914.0	892.2	874.8	859.8	847.3	836.9
826.3	814.2	803.9	795.3	787.3	781.1	776.7	772.5	768.6	765.9
763.8	761.9	760.7	759.9	759.3	758.7	758.1	757.5	756.8	756.2
755.6	755.2	754.9	754.8	755.0	755.4	755.8	756.2	756.6	757.0
757.2	757.4	757.6	757.8	758.1	758.7	759.5	760.5	761.5	762.4
763.3	764.2	765.0	765.5	765.7	765.2	763.7	761.1	756.7	751.5
747.4	744.1	740.8	737.7	735.4	0.0	0.0	0.0	0.0
0.0	0.0	937.8	923.7	913.4	891.1	872.3	857.6	845.3	835.2
824.3	812.4	802.3	793.8	785.8	779.7	775.4	771.4	767.9	765.4
763.4	761.5	760.3	759.5	758.8	758.1	757.3	756.6	755.8	755.0
754.3	753.7	753.3	753.3	753.6	754.0	754.3	754.5	754.7	754.8
755.0	755.1	755.1	755.2	755.4	756.0	756.9	757.9	758.9	759.9
760.8	761.8	762.6	763.3	763.6	763.2	761.8	759.3	755.1	750.3
746.6	743.2	739.7	736.5	733.9	0.0	0.0	0.0	0.0
0.0	0.0	937.2	923.4	912.8	889.9	869.6	855.4	843.4	833.5
822.3	810.7	800.7	792.3	784.4	778.5	774.3	770.5	767.3	765.0
763.1	761.4	760.1	759.2	758.3	757.4	756.5	755.6	754.6	753.6
752.6	751.8	751.4	751.5	752.0	752.5	752.9	753.0	752.9	752.8
752.9	752.9	752.8	752.7	752.7	753.4	754.4	755.4	756.4	757.4
758.3	759.3	760.3	761.0	761.5	761.3	760.1	757.7	753.8	749.3
745.7	742.2	738.6	735.0	731.9	0.0	0.0	0.0	0.0
0.0	971.5	936.8	923.2	912.3	888.7	866.6	853.1	841.5	831.8
820.5	809.1	799.2	790.9	783.1	777.4	773.3	769.7	766.9	764.6
763.0	761.2	760.0	759.0	758.0	756.9	755.8	754.7	753.5	752.3
751.0	749.7	749.0	749.4	750.4	751.1	751.4	751.5	751.4	751.1

750.9	750.8	750.6	750.3	750.1	750.9	751.9	752.9	753.9	754.9
755.8	756.9	758.0	758.8	759.4	759.4	758.3	756.2	752.6	748.3
744.8	741.3	737.4	733.4	729.5	724.4	0.0	0.0	0.0	
0.0	971.3	936.0	923.2	911.7	887.4	863.4	850.9	839.7	829.9
818.7	807.5	797.8	789.4	781.9	776.5	772.5	769.2	766.5	764.4
762.8	761.1	759.9	758.9	757.7	756.5	755.3	754.0	752.8	751.4
749.9	748.5	747.5	748.0	749.0	749.8	750.1	750.2	749.9	749.5
749.2	748.9	748.7	748.4	748.3	748.7	749.5	750.4	751.4	752.3
753.3	754.5	755.7	756.6	757.4	757.5	756.7	754.7	751.4	747.4
743.9	740.4	736.4	732.1	727.9	723.4	0.0	0.0	0.0	
0.0	970.2	935.0	923.2	911.0	886.2	859.8	848.7	837.9	827.9
817.0	806.1	796.3	788.0	781.0	775.8	771.9	768.8	766.2	764.2
762.6	761.1	759.8	758.7	757.5	756.2	754.9	753.6	752.2	750.7
749.2	748.0	747.3	747.4	748.0	748.6	748.9	748.8	748.6	748.1
747.7	747.3	746.9	746.7	746.5	746.7	747.3	748.0	748.8	749.8
750.8	752.0	753.3	754.4	755.3	755.7	755.0	753.3	750.3	746.5
743.1	739.5	735.4	730.9	726.6	722.2	0.0	0.0	0.0	
0.0	967.8	934.1	923.1	910.3	884.9	856.0	846.6	836.2	826.1
815.4	804.6	794.9	786.8	780.2	775.2	771.4	768.4	766.0	764.0
762.5	761.0	759.8	758.6	757.4	756.0	754.5	753.1	751.7	750.3
749.0	747.9	747.2	747.1	747.3	747.6	747.7	747.6	747.3	746.8
746.3	745.9	745.5	745.0	744.8	744.7	745.0	745.5	746.3	747.2
748.2	749.5	751.0	752.2	753.3	753.9	753.5	752.0	749.3	745.6
742.3	738.6	734.3	729.7	725.3	721.1	0.0	0.0	0.0	
0.0	964.6	933.2	923.0	909.5	883.6	852.2	844.6	834.5	824.3
813.9	803.3	793.7	785.8	779.3	774.6	771.0	768.2	765.8	764.0
762.5	761.0	759.7	758.5	757.2	755.7	754.3	752.9	751.5	750.2
749.0	748.0	747.3	746.9	746.8	746.8	746.8	746.5	746.1	745.6
745.1	744.6	744.0	743.4	743.0	742.7	742.7	743.0	743.6	744.5
745.6	747.0	748.6	750.0	751.3	752.1	751.9	750.6	748.2	744.7
741.3	737.5	733.1	728.5	724.2	720.1	0.0	0.0	0.0	
0.0	960.6	932.2	922.8	908.5	882.3	849.2	842.8	832.9	822.7
812.4	802.0	792.5	784.8	778.6	774.0	770.7	768.1	765.8	763.8
762.4	760.9	759.6	758.4	757.0	755.5	754.1	752.8	751.5	750.2
749.1	748.2	747.4	746.7	746.4	746.2	745.8	745.5	744.9	744.4
743.8	743.1	742.3	741.6	741.1	740.6	740.3	740.3	740.8	741.7
742.9	744.4	746.2	747.8	749.4	750.3	750.3	749.3	747.2	743.6
740.0	736.2	731.8	727.3	723.1	719.1	0.0	0.0	0.0	
0.0	955.6	931.1	922.4	907.3	881.0	849.1	840.9	830.6	820.6
810.6	800.4	791.1	783.7	777.8	773.4	770.5	768.0	765.7	763.7
762.3	760.9	759.5	758.2	756.8	755.4	754.0	752.8	751.5	750.3
749.3	748.3	747.5	746.6	746.0	745.4	744.8	744.3	743.7	742.9
742.0	741.1	740.3	739.4	738.7	737.9	737.2	736.9	737.2	738.1
739.4	741.2	743.3	745.1	747.0	748.2	748.4	747.7	745.8	742.0
738.2	734.3	730.1	725.8	721.8	717.9	0.0	0.0	0.0	
0.0	949.9	929.7	921.5	905.5	879.7	850.0	839.0	828.0	818.3
808.7	798.7	789.7	782.4	776.9	772.9	770.3	767.9	765.5	763.6
762.2	760.8	759.4	758.1	756.7	755.4	754.1	752.8	751.7	750.5
749.5	748.5	747.6	746.6	745.8	744.9	744.1	743.3	742.4	741.2
740.0	739.0	738.0	736.9	735.8	734.5	733.2	732.4	732.5	733.4
735.0	737.2	739.8	742.0	744.2	745.7	746.2	745.6	743.7	739.6
735.7	732.0	727.9	723.7	719.9	716.4	0.0	0.0	0.0	
0.0	944.8	928.4	920.2	903.7	878.2	850.6	837.2	825.8	816.2
806.8	797.2	788.5	781.6	776.4	772.6	770.1	767.7	765.4	763.5

762.1	760.8	759.4	758.1	756.8	755.5	754.2	753.0	751.9	750.8
749.7	748.8	747.9	746.8	745.7	744.6	743.6	742.5	741.3	739.8
738.4	737.2	735.9	734.5	733.0	731.1	729.0	727.5	727.2	728.4
730.5	733.3	736.4	739.0	741.6	743.4	744.0	743.5	741.4	737.1
733.1	729.3	725.2	721.1	717.6	715.0	0.0	0.0	0.0	
0.0	940.1	926.9	918.7	901.8	876.6	850.6	835.4	823.6	814.2
805.0	795.8	787.5	781.1	776.0	772.4	769.9	767.5	765.4	763.6
762.1	760.7	759.4	758.1	756.9	755.6	754.4	753.3	752.2	751.1
750.1	749.1	748.2	747.0	745.7	744.5	743.4	742.0	740.5	738.3
737.2	735.7	734.2	732.4	730.5	728.0	724.8	722.1	719.2	723.0
726.0	729.7	733.3	736.3	739.2	741.1	741.9	741.4	739.0	734.4
730.4	726.4	722.2	718.3	714.9	714.1	0.0	0.0	0.0	
0.0	935.8	925.2	917.0	899.7	874.7	849.8	833.5	821.5	812.2
803.3	794.5	786.8	780.7	775.8	772.3	769.7	767.1	765.3	763.6
762.2	760.7	759.3	758.2	757.0	755.9	754.7	753.6	752.5	751.5
750.5	749.5	748.6	747.4	746.0	744.7	743.2	741.7	740.1	738.2
736.3	734.7	732.9	730.9	728.7	725.5	721.3	716.8	714.5	717.8
722.0	726.6	730.8	734.0	737.0	739.0	739.8	739.3	736.5	731.7
727.5	723.5	719.4	715.6	712.5	0.0	0.0	0.0	0.0	
0.0	931.8	923.5	915.3	897.5	872.6	848.5	831.5	819.4	810.2
801.7	793.4	786.1	780.4	775.7	772.2	769.6	767.3	765.4	763.7
762.2	760.7	759.3	758.4	757.3	756.2	755.2	754.1	753.0	752.0
751.0	750.0	749.1	747.9	746.5	745.1	743.5	741.8	739.9	737.8
735.9	734.2	732.3	730.1	727.7	724.3	719.5	714.1	709.4	714.4
719.5	724.5	728.8	732.1	735.1	737.2	737.9	737.2	734.0	728.8
724.4	720.4	716.3	712.7	710.3	0.0	0.0	0.0	0.0	
0.0	927.5	920.7	912.4	894.6	869.9	846.4	828.9	816.8	808.0
800.0	792.1	785.4	780.1	775.5	772.0	769.5	767.2	765.4	764.0
762.7	761.3	760.0	759.0	758.0	756.9	755.9	754.8	753.8	752.8
751.8	750.9	749.9	748.7	747.2	745.7	744.1	742.3	740.3	737.9
735.8	734.2	732.3	730.2	727.8	724.7	720.4	716.2	713.3	715.8
719.4	723.6	727.5	730.5	733.3	735.2	735.7	734.9	731.1	725.3
720.5	716.2	712.2	709.2	707.5	0.0	0.0	0.0	0.0	
0.0	922.9	916.6	908.4	890.9	866.2	843.3	825.5	813.7	805.4
798.0	790.9	784.8	779.9	775.4	771.9	769.3	767.4	765.9	764.6
763.5	762.2	761.0	760.0	759.0	758.0	757.0	756.0	755.0	754.0
753.0	752.1	751.1	749.9	748.4	746.8	745.1	743.3	741.2	738.8
736.7	735.1	733.4	731.5	729.4	726.7	723.5	720.7	719.1	719.8
721.6	724.3	727.1	729.5	731.8	733.3	733.6	732.4	727.6	721.1
715.8	711.2	707.6	705.7	704.5	0.0	0.0	0.0	0.0	
0.0	918.5	912.6	903.0	886.6	862.1	839.7	821.6	810.4	802.8
796.2	789.8	784.4	779.9	775.7	772.3	769.9	768.2	766.8	765.7
764.6	763.4	762.2	761.3	760.3	759.3	758.4	757.4	756.5	755.5
754.5	753.6	752.6	751.4	749.9	748.3	746.6	744.7	742.7	740.3
738.2	736.7	735.1	733.4	731.6	729.4	726.9	724.8	723.6	723.5
724.2	725.6	727.5	729.1	730.8	731.8	731.7	729.7	724.1	717.2
711.6	707.1	703.6	702.3	701.4	0.0	0.0	0.0	0.0	
0.0	914.3	909.3	898.5	882.3	857.8	835.6	817.3	806.8	800.2
794.5	789.0	784.2	780.2	776.2	773.1	770.9	769.3	768.1	767.0
766.0	764.9	763.8	762.9	761.9	761.0	760.1	759.2	758.2	757.3
756.4	755.4	754.5	753.3	751.7	750.1	748.4	746.5	744.5	742.2
740.2	738.8	737.3	735.7	734.1	732.1	730.0	728.2	727.0	726.5
726.6	727.2	728.2	729.2	730.2	730.6	729.9	727.2	721.1	714.2
709.2	705.6	702.3	699.8	698.1	0.0	0.0	0.0	0.0	

```
   0.0    910.3    905.9    894.5    878.1    853.3    831.1    812.6    803.0    797.6
 793.1    788.5    784.3    780.7    777.2    774.3    772.1    770.8    769.6    768.5
 767.6    766.7    765.7    764.8    763.9    763.0    762.1    761.2    760.3    759.4
 758.5    757.6    756.7    755.5    753.9    752.3    750.5    748.7    746.6    744.4
 742.6    741.1    739.6    738.1    736.6    734.7    732.8    731.1    729.9    729.1
 728.8    728.8    729.2    729.6    729.9    729.7    728.5    725.1    718.8    712.6
 708.5    704.8    701.0    697.2    693.8      0.0      0.0      0.0      0.0
   0.0    906.3    902.6    890.8    873.5    848.6    826.5    807.5    799.1    795.2
 792.0    788.4    784.9    781.8    778.6    776.0    774.2    772.8    771.5    770.4
 769.5    768.6    767.7    766.9    766.1    765.2    764.4    763.5    762.7    761.9
 761.0    760.1    759.2    758.0    756.4    754.8    753.0    751.1    749.0    746.9
 745.0    743.5    742.0    740.4    738.9    737.2    735.2    733.6    732.3    731.4
 730.8    730.5    730.3    730.2    730.0    729.1    727.4    723.5    717.8    712.5
 708.6    705.0    700.7    695.6    688.5      0.0      0.0      0.0      0.0
   0.0    902.2    898.6    886.3    867.3    842.8    820.9    801.2    794.3    792.8
 791.5    789.2    786.3    783.6    781.0    778.7    777.0    775.6    774.2    773.1
 772.2    771.3    770.5    769.8    769.1    768.4    767.6    766.9    766.1    765.3
 764.5    763.6    762.7    761.5    759.9    758.3    756.4    754.4    752.3    750.1
 748.2    746.6    745.0    743.3    741.8    739.9    737.9    736.3    735.0    734.0
 733.2    732.5    731.9    731.3    730.5    728.9    726.5    722.7    717.8    713.2
 709.9    707.0    704.4    702.6      0.0      0.0      0.0      0.0      0.0
   0.0    898.0    894.5    881.1    860.3    836.5    816.8    800.5    791.6    792.6
 793.5    792.2    789.9    787.5    785.0    782.9    781.2    779.6    778.2    777.0
 776.2    775.3    774.7    774.1    773.5    773.0    772.3    771.6    770.9    770.2
 769.4    768.6    767.7    766.4    764.7    763.0    761.2    759.0    756.8    754.4
 752.2    750.5    748.7    746.8    745.0    742.7    740.4    738.9    737.8    737.0
 736.2    735.4    734.4    733.4    731.9    729.6    726.8    723.0    718.6    714.5
 711.7    709.3    707.1    705.4      0.0      0.0      0.0      0.0      0.0
   0.0    894.0    891.2    876.1    853.4    830.7    813.5    802.3    797.1    797.7
 798.3    797.4    795.4    793.3    790.7    788.5    786.8    785.2    783.8    782.6
 781.6    780.8    780.2    779.7    779.1    778.5    777.9    777.2    776.5    775.6
 774.8    774.0    773.1    771.9    770.2    768.2    766.2    764.1    761.8    759.2
 757.0    755.0    753.0    750.8    748.5    745.4    741.9    741.3    741.0    740.6
 739.9    739.0    737.7    736.3    734.3    731.5    728.2    724.3    720.0    716.2
 713.6    711.5    710.1      0.0      0.0      0.0      0.0      0.0      0.0
   0.0    891.6    888.6    871.2    846.9    825.0    810.7    805.1    803.5    804.6
 805.4    804.8    802.7    800.6    798.0    795.5    793.9    792.3    790.8    789.5
 788.5    787.5    786.8    786.2    785.5    784.8    784.1    783.4    782.6    781.7
 780.7    779.7    778.6    777.3    775.5    773.7    771.7    769.5    767.3    764.8
 762.7    760.9    759.0    757.1    755.2    752.9    750.4    748.7    747.4    746.2
 745.1    743.7    742.0    740.2    737.7    734.3    730.5    726.4    722.0    718.4
 716.2    715.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0    890.0    885.6    865.8    839.6    819.0    809.5    809.2    811.8    814.3
 815.7    815.5    812.5    809.9    807.3    804.8    802.9    801.2    799.5    798.1
 796.9    795.7    794.7    794.0    793.2    792.4    791.5    790.5    789.6    788.6
 787.6    786.5    785.4    784.0    782.2    780.3    778.3    776.2    774.1    771.8
 769.8    768.3    766.7    765.0    763.4    761.4    759.2    757.2    755.3    753.6
 752.0    750.0    747.8    745.4    742.4    738.5    734.2    729.7    724.9    720.9
 718.2    716.3    715.1    714.4      0.0      0.0      0.0      0.0      0.0
   0.0    888.2    880.2    858.0    829.9    811.5    806.7    814.8    822.2    827.1
 829.2    828.3    824.2    820.4    817.2    815.0    813.1    811.3    809.5    807.9
 806.5    805.0    803.8    802.8    801.8    800.8    799.8    798.8    797.7    796.7
 795.5    794.4    793.2    791.7    789.8    787.9    785.9    783.9    781.8    779.7
 777.9    776.4    774.9    773.4    771.9    770.0    767.9    765.7    763.7    761.6
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759.6    757.3    754.6    751.9    748.4    744.0    739.4    734.5    729.4    724.9
722.0    719.5    717.2    715.1    713.4    712.1    711.5      0.0      0.0
  0.0    885.6    871.5    847.4    820.1    803.9    802.0    821.2    831.9    838.7
841.2    837.4    833.3    829.8    826.5    824.0    822.0    820.0    818.1    816.4
814.9    813.4    812.1    811.0    810.0    808.9    807.8    806.6    805.5    804.3
803.1    801.9    800.6    799.0    797.0    795.1    793.0    791.0    789.0    786.9
785.2    783.7    782.3    780.8    779.4    777.6    775.4    773.2    771.0    768.8
766.6    764.1    761.1    758.1    754.4    749.9    745.2    740.3    735.0    730.7
727.7    725.3    722.9    720.6    718.3    716.0    714.4    713.6      0.0
  0.0    882.7    861.1    834.5    807.9    807.8    813.0    829.5    841.2    847.0
849.8    845.9    841.6    838.1    834.9    832.3    830.2    828.2    826.1    824.3
822.7    821.1    819.7    818.5    817.4    816.2    815.0    813.8    812.5    811.2
810.0    808.7    807.3    805.7    803.6    801.5    799.5    797.4    795.4    793.3
791.6    790.2    788.8    787.4    785.9    784.1    781.9    779.6    777.4    775.2
772.9    770.3    767.4    764.1    760.1    755.5    750.7    746.2    741.0    736.7
733.7    731.2    728.8    726.7    724.3    721.7    719.3    717.3      0.0
  0.0    880.7    850.3    825.2    801.5    815.4    825.8    839.2    849.6    856.1
857.5    853.0    848.8    845.4    842.2    839.6    837.5    835.4    833.3    831.3
829.7    827.9    826.4    825.2    824.0    822.7    821.5    820.2    818.9    817.6
816.2    814.8    813.5    811.7    809.5    807.3    805.1    803.1    801.1    799.0
797.3    795.9    794.5    793.0    791.5    789.7    787.5    785.2    782.9    780.7
778.4    775.7    772.6    769.5    765.4    760.6    755.9    751.2    746.4    742.3
739.5    737.3    735.0    732.9    730.5    727.8    725.2    722.6      0.0
  0.0    875.0    840.6    823.2    813.8    826.5    838.0    849.0    858.4    862.1
862.0    858.5    854.8    851.8    848.7    846.1    843.9    841.8    839.5    837.5
835.8    834.0    832.5    831.2    829.9    828.7    827.3    826.0    824.7    823.3
822.0    820.5    819.1    817.4    815.2    813.0    810.8    808.6    806.5    804.3
802.5    801.0    799.5    798.0    796.5    794.7    792.4    790.1    787.8    785.5
783.1    780.4    777.3    774.1    770.0    765.1    760.6    755.8    751.0    747.3
744.8    742.7    740.7    738.8    736.7    734.5    732.7    730.9      0.0
  0.0    870.0    834.8    829.7    829.7    840.8    853.1    864.2    868.6    868.7
867.2    864.2    861.1    858.4    855.8    853.4    851.2    849.0    846.7    844.6
842.8    840.9    839.3    838.0    836.6    835.3    833.9    832.5    831.2    829.7
828.3    826.9    825.4    823.6    821.4    819.1    816.8    814.6    812.3    810.0
808.1    806.5    805.0    803.5    801.9    800.0    797.6    795.3    792.9    790.6
788.2    785.4    782.1    778.7    774.7    770.0    765.5    760.8    756.2    752.7
750.4    748.5    746.8    745.2    743.5    741.8    740.5    739.5      0.0
  0.0    865.0    834.9    851.8    852.8    858.1    867.1    875.0    875.2    873.9
872.3    870.1    867.4    864.9    862.4    860.1    858.0    855.9    853.6    851.6
849.8    847.9    846.1    844.6    843.2    841.8    840.3    838.8    837.3    835.8
834.3    832.8    831.2    829.3    827.0    824.6    822.2    819.8    817.4    815.0
813.0    811.4    809.8    808.2    806.5    804.5    802.1    799.7    797.3    794.9
792.4    789.5    786.1    782.7    778.9    774.2    769.6    765.0    760.6    757.3
755.2    753.5    752.0    750.5    749.1    747.7    746.6    745.8      0.0
  0.0    860.0    831.8    850.6    864.9    868.3    875.0    876.7    878.2    878.1
877.0    875.3    872.7    870.2    867.7    865.2    863.2    860.9    858.6    856.4
854.5    852.5    850.9    849.5    848.1    846.8    845.3    843.6    842.0    840.3
838.7    837.0    835.4    833.3    830.8    828.3    825.8    823.3    820.8    818.3
816.2    814.5    812.9    811.2    809.6    807.5    805.0    802.5    800.1    797.5
794.9    792.0    788.9    785.7    781.6    776.8    772.2    767.9    763.7    760.5
758.6    757.1    755.7    754.4    753.2    752.0    751.1    750.4      0.0
  0.0    860.0    825.0    846.3    863.1    870.8    878.5    884.5    883.2    882.1
880.7    878.6    876.2    873.9    871.3    868.8    866.6    864.3    861.9    859.7
857.7    855.6    853.8    852.4    850.9    849.4    847.9    846.4    844.9    843.4
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 841.7   839.9   838.1   835.9   833.2   830.6   828.0   825.4   822.8   820.2
 818.1   816.4   814.7   813.0   811.3   809.2   806.6   804.0   801.4   799.2
 796.8   794.0   790.7   787.5   783.4   778.7   774.3   770.0   766.1   763.3
 761.5   760.1   758.9   757.7   756.6   755.5   754.6   753.7     0.0
   0.0   860.0   814.7   842.0   861.1   871.8   879.2   883.7   883.9   883.6
 882.5   880.5   878.1   875.8   873.1   870.5   868.3   866.0   863.5   861.2
 859.2   857.1   855.3   853.8   852.3   850.8   849.2   847.6   846.0   844.5
 842.9   841.3   839.6   837.2   834.5   831.8   829.1   826.5   824.0   821.4
 819.2   817.5   815.7   813.9   812.0   810.0   807.6   805.2   802.8   800.3
 797.9   795.0   791.8   788.5   784.5   779.9   775.7   771.5   767.6   765.0
 763.3   762.0   760.9   759.9   759.0   758.2   757.8   740.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
        5       1.0              (10F8.1)          8        START HEAD  6
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0   928.4   945.0   945.0   944.0   942.4
 944.2   937.8   927.0   918.4   904.0   883.2   900.2   905.5   910.1   913.2
 914.9   915.7   916.1   916.4   916.5   916.6   916.6   916.5   916.3   916.0
 915.8   915.6   915.1   911.2   906.9   903.5   900.9   898.6   896.7   895.2
 894.1   893.3   892.5   891.8   891.0   890.2   889.3   888.5   887.9   887.5
 887.2   887.3   887.7   889.4   892.8   895.9   894.1   891.5   889.6   888.0
 887.3   886.3   883.4   879.3   873.5   865.2   861.0   755.0     0.0
   0.0     0.0     0.0     0.0     0.0   885.9   890.8   895.2   902.5   912.9
 924.8   924.8   903.1   886.5   873.6   875.0   882.9   889.0   892.9   895.1
 897.2   899.0   900.0   900.6   901.1   901.5   901.7   901.9   902.0   902.0
 901.9   901.6   901.2   900.7   900.0   899.3   898.7   897.5   896.1   894.4
 892.9   891.7   890.7   890.0   889.3   888.2   888.2   888.2   888.4   888.6
 888.9   889.4   890.5   892.5   895.0   896.4   894.0   890.7   885.5   875.3
 868.2   860.3   850.5   838.7   823.8   798.7   771.3   762.1     0.0
   0.0     0.0     0.0   941.3   928.4   919.7   907.2   893.0   881.7   881.1
 880.4   875.5   867.3   860.7   859.2   861.8   865.1   868.6   871.9   874.3
 876.2   877.8   879.1   880.1   881.0   881.8   882.5   883.2   883.8   884.4
 884.9   885.3   885.6   885.9   885.8   885.6   885.1   884.6   883.8   883.0
 882.3   881.7   881.1   880.5   880.0   879.6   879.3   879.5   879.8   879.7
 879.6   880.0   880.9   881.8   882.3   881.4   879.2   875.7   871.3   867.5
 865.0   862.9   861.0   859.4   857.7   856.1     0.0     0.0     0.0
   0.0     0.0  1003.4   962.1   944.1   928.6   913.0   896.6   872.2   869.7
 864.0   855.4   848.3   843.1   841.6   845.9   848.9   851.3   853.5   854.9
 856.0   857.0   857.9   858.6   859.3   860.0   860.8   861.7   862.5   863.3
 864.0   864.7   865.3   866.0   866.7   867.2   867.5   867.6   867.5   867.3
 867.0   866.7   866.4   866.2   866.0   866.0   866.2   866.5   866.9   866.9
 866.8   866.7   866.7   866.6   866.2   865.1   863.3   861.0   858.6   857.1
 856.3   855.9   855.6   855.4   855.3   854.8     0.0     0.0     0.0
```

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   0.0      0.0   1002.7    970.2    941.9    919.6    901.7    893.3    882.3    874.9
 866.0    852.9    837.8    826.1    824.9    829.5    832.9    835.2    836.7    837.2
 837.3    837.3    837.5    837.7    838.2    839.0    840.3    841.7    843.3    844.8
 846.2    847.4    848.5    849.6    850.4    850.9    851.0    851.1    851.2    851.2
 851.3    851.4    851.5    851.6    851.7    851.9    852.1    852.3    852.5    852.7
 853.1    854.1    854.5    854.3    854.0    853.1    851.8    850.2    848.8    847.8
 847.3    846.9    846.6    846.3    845.9    845.0      0.0      0.0      0.0
   0.0      0.0   1003.5    970.1    937.9    914.7    899.4    893.6    884.8    876.5
 866.4    852.9    838.2    829.6    824.5    823.1    822.4    821.9    821.1    819.2
 817.2    815.3    815.3    815.8    816.8    818.5    820.7    823.1    825.4    827.6
 829.7    831.4    832.8    834.2    835.3    835.9    836.2    836.6    837.0    837.5
 837.9    838.3    838.6    839.0    839.3    839.7    840.2    840.7    841.1    841.5
 841.8    842.1    842.7    843.0    843.1    842.8    841.9    840.6    839.4    838.2
 837.4    836.6    835.9    835.3    834.5    832.7      0.0      0.0      0.0
   0.0      0.0   1002.2    969.5    935.6    913.8    899.7    891.5    882.5    873.3
 862.7    850.2    838.0    828.3    820.5    815.5    811.8    808.5    805.6    803.7
 802.2    801.0    800.6    800.7    801.2    802.3    804.1    806.1    807.8    809.5
 811.2    813.0    814.6    816.2    817.7    818.9    820.2    821.5    822.7    823.8
 824.6    825.2    825.8    826.4    826.9    827.6    828.3    828.9    829.5    830.0
 830.3    830.5    831.1    831.5    831.8    831.8    831.5    830.5    828.9    827.4
 826.1    824.8    823.0    820.8    817.8    814.6      0.0      0.0      0.0
   0.0      0.0   1000.8    964.8    933.3    912.8    899.3    888.9    878.8    869.6
 859.3    847.0    834.7    824.1    814.8    807.3    802.3    798.6    795.6    793.3
 791.8    790.5    790.0    789.9    790.2    790.8    791.9    793.2    794.6    796.0
 797.4    798.8    800.2    801.8    803.6    805.3    806.9    808.5    809.9    811.2
 812.3    813.0    813.8    814.5    815.1    815.9    816.8    817.5    818.2    818.8
 819.3    819.7    819.9    820.2    820.4    820.4    820.2    819.2    817.8    816.4
 815.3    813.9    812.1    809.9    807.2    804.4      0.0      0.0      0.0
   0.0      0.0    991.1    959.6    930.3    911.4    898.2    886.3    875.2    866.4
 856.0    842.6    829.7    819.1    807.8    799.3    795.0    791.1    787.8    785.3
 783.4    781.8    780.9    780.5    780.3    780.2    780.7    781.6    782.7    783.9
 785.3    787.1    789.0    791.1    793.0    794.9    796.6    798.3    799.8    801.2
 802.3    803.1    803.9    804.6    805.3    806.1    807.0    807.8    808.5    809.2
 809.7    810.3    810.8    811.2    811.5    811.2    810.1    808.9    807.7    806.7
 805.9    805.2    804.5    804.0    803.7    803.7    806.3      0.0      0.0
   0.0      0.0    981.1    954.5    927.4    909.8    896.6    883.5    872.0    862.7
 852.2    838.0    824.7    813.5    802.2    794.1    789.1    785.2    781.8    779.2
 777.3    775.6    774.4    773.5    773.0    773.0    773.5    774.3    775.4    776.7
 778.2    780.0    781.7    783.3    785.2    787.0    788.7    790.2    791.7    793.1
 794.2    795.0    795.8    796.5    797.2    798.0    798.9    799.7    800.4    801.0
 801.5    802.2    802.8    803.3    803.7    803.5    802.6    801.4    800.0    799.1
 798.5    798.2    798.4    799.3    801.5    802.9      0.0      0.0      0.0
   0.0      0.0    973.2    949.3    924.5    907.7    894.0    880.0    868.3    858.3
 846.7    832.7    819.7    808.7    798.1    790.5    785.3    781.1    777.4    774.6
 772.4    770.3    768.9    767.8    766.9    766.7    767.2    768.1    769.3    770.5
 772.0    773.5    775.2    776.8    778.3    779.8    781.3    782.8    784.2    785.5
 786.5    787.3    788.0    788.7    789.4    790.2    791.1    791.9    792.6    793.2
 793.8    794.5    795.1    795.6    795.9    795.6    794.7    793.2    791.4    790.1
 789.3    789.0    789.4    791.1      0.0      0.0      0.0      0.0      0.0
   0.0      0.0    967.0    944.9    922.1    905.2    890.8    876.8    864.7    854.0
 841.8    828.0    815.4    804.9    794.9    787.7    782.6    778.2    774.4    771.6
 768.9    766.4    764.8    763.7    763.0    763.0    763.4    764.2    765.1    766.2
 767.3    768.5    769.8    771.5    773.0    774.3    775.6    776.9    778.2    779.4
 780.3    781.1    781.8    782.5    783.1    783.9    784.7    785.5    786.2    786.9
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787.5	788.2	788.8	789.2	789.4	789.1	788.0	786.1	783.7	781.5
780.0	778.9	778.3	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	962.3	941.6	920.3	902.5	888.0	874.0	861.5	850.2
837.7	824.1	812.0	801.9	792.4	785.5	780.5	776.1	772.2	768.8
765.9	763.6	762.2	761.3	760.8	760.7	761.0	761.5	762.1	763.0
763.9	764.8	765.8	767.1	768.7	770.0	771.2	772.4	773.5	774.6
775.5	776.2	776.9	777.5	778.2	778.9	779.8	780.5	781.2	781.9
782.5	783.2	783.8	784.2	784.4	783.9	782.6	780.5	777.6	774.4
771.9	769.8	768.1	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	958.0	938.4	918.6	899.6	885.1	871.0	857.9	846.3
833.6	820.4	808.7	799.0	789.9	783.2	778.4	773.4	768.9	765.5
762.9	760.8	759.6	758.8	758.4	758.2	758.3	758.7	759.2	759.8
760.5	761.3	762.1	763.1	764.5	765.7	766.8	767.9	769.0	770.0
770.8	771.5	772.1	772.7	773.3	774.1	774.9	775.6	776.3	777.0
777.6	778.2	778.8	779.3	779.4	778.9	777.5	775.1	771.6	767.4
763.5	759.5	754.7	748.4	0.0	0.0	0.0	0.0	0.0	
0.0	0.0	954.5	935.9	917.1	896.8	882.4	868.1	854.6	842.7
830.1	817.2	805.9	796.6	787.7	781.2	775.8	770.5	766.1	762.7
760.2	758.2	756.9	756.2	755.8	755.6	755.7	756.0	756.3	756.8
757.4	758.1	758.8	759.8	761.0	762.0	763.1	764.1	765.1	766.0
766.8	767.4	768.0	768.6	769.2	769.9	770.7	771.4	772.1	772.8
773.4	774.0	774.7	775.0	775.2	774.6	773.1	770.6	766.8	761.8
757.3	752.7	747.6	742.3	736.6	0.0	0.0	0.0	0.0	
0.0	0.0	951.7	933.9	915.7	894.3	879.9	865.4	851.6	839.7
827.2	814.5	803.6	794.7	785.4	778.4	773.0	768.1	763.7	760.3
757.7	755.7	754.4	753.7	753.2	753.1	753.2	753.4	753.8	754.3
754.8	755.4	756.2	757.0	758.0	759.0	760.0	760.9	761.8	762.6
763.4	763.9	764.5	765.1	765.6	766.3	767.1	767.8	768.6	769.2
769.9	770.5	771.1	771.5	771.6	771.0	769.5	766.9	762.9	757.7
752.9	748.2	743.2	739.0	735.5	0.0	0.0	0.0	0.0	
0.0	0.0	949.0	931.6	913.9	891.9	877.3	862.6	848.6	836.7
824.4	812.0	801.5	792.1	782.6	775.7	770.6	765.8	761.4	757.9
755.2	753.0	751.7	751.1	750.9	750.8	750.9	751.1	751.5	751.9
752.5	753.0	753.6	754.3	755.1	756.0	756.8	757.7	758.5	759.3
760.0	760.5	761.0	761.6	762.1	762.7	763.5	764.3	765.0	765.7
766.3	767.0	767.6	768.0	768.1	767.5	766.0	763.4	759.4	754.2
749.6	745.0	739.2	735.9	734.4	0.0	0.0	0.0	0.0	
0.0	0.0	946.6	929.2	912.2	889.5	874.7	859.6	845.5	833.8
821.7	809.6	799.2	789.3	780.0	773.3	768.3	763.6	759.2	755.5
752.8	750.5	749.4	749.1	749.0	749.0	749.1	749.2	749.5	749.8
750.1	750.5	751.0	751.5	752.2	753.0	753.7	754.5	755.2	756.0
756.6	757.1	757.6	758.0	758.5	759.2	759.9	760.7	761.5	762.2
762.8	763.6	764.2	764.6	764.7	764.2	762.7	760.2	756.3	751.7
746.9	742.2	737.5	735.2	733.8	0.0	0.0	0.0	0.0	
0.0	0.0	944.3	927.1	910.5	887.4	872.0	856.5	842.5	830.9
819.2	807.4	796.3	786.4	777.5	770.9	766.0	761.5	757.1	753.5
750.8	748.6	747.8	747.5	747.3	747.3	747.3	747.3	747.5	747.6
747.8	748.1	748.4	748.8	749.3	749.9	750.6	751.2	751.9	752.6
753.2	753.6	754.1	754.5	755.0	755.6	756.4	757.1	757.9	758.7
759.4	760.1	760.8	761.2	761.5	761.0	759.5	757.2	753.6	749.0
744.3	740.2	736.8	734.8	733.4	0.0	0.0	0.0	0.0	
0.0	0.0	942.2	925.2	908.9	885.4	869.1	853.3	839.5	828.2
816.8	804.5	793.2	783.8	775.1	768.5	763.8	759.4	755.3	751.9
749.4	747.5	746.7	746.3	746.0	745.8	745.6	745.5	745.5	745.5

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745.5   745.6   745.7   746.0   746.4   746.9   747.4   747.9   748.5   749.3
749.8   750.2   750.6   751.0   751.4   752.0   752.8   753.5   754.3   755.1
755.9   756.7   757.4   757.9   758.2   757.8   756.6   754.4   751.2   746.4
742.0   738.7   736.2   734.2   732.7     0.0     0.0     0.0     0.0
  0.0     0.0   940.6   924.2   907.6   883.6   866.5   850.7   837.1   826.0
814.8   802.1   791.0   781.8   773.0   766.5   762.0   757.8   753.8   750.9
748.9   747.2   746.2   745.7   745.3   745.0   744.7   744.4   744.2   744.0
743.8   743.8   743.8   743.9   744.2   744.5   744.9   745.4   745.9   746.6
747.1   747.4   747.7   748.1   748.5   749.0   749.7   750.5   751.3   752.2
753.0   753.8   754.6   755.2   755.6   755.4   754.3   752.3   749.1   744.3
740.4   737.8   735.3   733.2   731.7     0.0     0.0     0.0     0.0
  0.0     0.0   939.5   923.4   906.6   882.2   864.3   848.5   835.2   824.4
813.3   800.3   789.3   780.2   771.5   764.9   760.6   756.6   753.0   750.5
748.6   747.0   746.0   745.3   744.9   744.5   744.2   743.8   743.5   743.2
742.9   742.8   742.7   742.7   742.9   743.2   743.5   743.8   744.2   744.6
745.0   745.2   745.5   745.8   746.1   746.6   747.3   748.1   749.0   749.8
750.6   751.5   752.4   753.0   753.5   753.4   752.5   750.6   747.1   742.8
739.5   737.0   734.5   732.3   730.6     0.0     0.0     0.0     0.0
  0.0     0.0   938.5   922.7   905.6   880.7   862.0   846.4   833.3   822.8
811.4   798.5   787.7   778.6   769.9   763.5   759.3   755.6   752.4   750.2
748.4   746.9   745.8   745.1   744.5   744.1   743.6   743.2   742.8   742.4
742.1   741.8   741.7   741.7   741.8   742.0   742.2   742.3   742.4   742.6
742.9   743.1   743.3   743.5   743.7   744.2   744.9   745.7   746.5   747.4
748.2   749.2   750.2   750.9   751.5   751.5   750.7   748.9   745.4   741.6
738.7   736.1   733.5   731.2   729.3     0.0     0.0     0.0     0.0
  0.0     0.0   937.7   922.1   904.7   879.3   859.5   844.3   831.6   821.2
809.3   796.9   786.2   777.2   768.5   762.1   758.2   754.8   752.0   749.9
748.3   746.9   745.7   745.0   744.3   743.6   743.0   742.5   741.9   741.4
740.9   740.6   740.5   740.5   740.7   740.9   741.0   741.0   740.9   740.8
741.0   741.0   741.1   741.2   741.4   741.8   742.5   743.3   744.1   745.0
745.9   746.9   747.9   748.8   749.5   749.7   749.0   747.3   744.2   740.6
737.8   735.2   732.5   730.0   727.8     0.0     0.0     0.0     0.0
  0.0   963.2   936.8   921.5   903.7   877.8   856.9   842.2   829.8   819.7
807.5   795.3   784.7   775.7   767.2   761.2   757.3   754.2   751.7   749.7
748.3   746.9   745.8   744.9   744.1   743.3   742.5   741.8   741.1   740.4
739.7   739.2   739.0   739.1   739.5   739.7   739.8   739.7   739.5   739.3
739.1   739.1   739.1   739.1   739.2   739.5   740.2   740.9   741.7   742.6
743.5   744.5   745.7   746.6   747.5   747.9   747.4   745.8   743.0   739.6
736.8   734.2   731.4   728.7   725.8   721.9     0.0     0.0     0.0
  0.0   963.2   935.6   921.1   902.8   876.3   854.2   840.1   828.2   817.8
805.7   793.9   783.3   774.2   766.2   760.5   756.7   753.8   751.5   749.6
748.3   746.9   745.9   745.0   744.0   743.1   742.2   741.4   740.5   739.7
738.9   738.2   737.8   737.8   738.3   738.6   738.6   738.6   738.3   737.8
737.5   737.3   737.2   737.2   737.2   737.4   737.9   738.5   739.3   740.1
741.1   742.2   743.4   744.5   745.5   746.1   745.8   744.4   741.9   738.7
735.9   733.3   730.4   727.5   724.4   721.3     0.0     0.0     0.0
  0.0   962.8   934.2   920.6   901.8   874.8   851.4   838.1   826.5   815.8
804.1   792.5   781.9   772.8   765.4   760.2   756.3   753.6   751.3   749.6
748.3   747.0   745.9   745.0   744.0   743.0   742.0   741.1   740.0   739.0
738.1   737.5   737.1   737.0   737.2   737.5   737.6   737.4   737.1   736.6
736.1   735.8   735.5   735.4   735.3   735.3   735.6   736.1   736.8   737.7
738.6   739.8   741.2   742.4   743.6   744.3   744.2   743.1   740.8   737.7
735.0   732.3   729.3   726.3   723.2   720.5     0.0     0.0     0.0
  0.0   960.9   932.8   920.2   900.7   873.4   848.6   836.2   824.9   814.1
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802.6   791.2   780.6   771.7   764.8   759.9   756.1   753.4   751.3   749.6
748.4   747.1   746.0   745.0   744.0   742.9   741.7   740.7   739.6   738.6
737.7   737.0   736.5   736.4   736.4   736.5   736.5   736.2   735.9   735.3
734.8   734.5   734.1   733.7   733.4   733.2   733.3   733.7   734.3   735.1
736.1   737.4   738.9   740.3   741.7   742.6   742.7   741.8   739.7   736.7
734.0   731.3   728.3   725.3   722.2   719.6     0.0     0.0     0.0
  0.0   958.1   931.5   919.6   899.6   872.0   846.1   834.4   823.4   812.4
801.2   789.9   779.4   770.9   764.3   759.6   756.0   753.4   751.3   749.7
748.5   747.2   746.1   745.1   744.0   742.8   741.6   740.5   739.5   738.5
737.6   736.8   736.3   736.0   735.8   735.8   735.6   735.2   734.7   734.2
733.7   733.2   732.6   732.0   731.5   731.1   731.0   731.2   731.7   732.5
733.6   735.0   736.7   738.2   739.8   741.0   741.2   740.5   738.6   735.7
733.0   730.3   727.2   724.2   721.1   718.7     0.0     0.0     0.0
  0.0   954.7   930.1   919.0   898.5   870.8   844.1   832.7   822.0   810.9
799.9   788.7   778.3   770.2   763.8   759.2   756.0   753.6   751.4   749.8
748.6   747.3   746.2   745.1   743.9   742.8   741.6   740.5   739.5   738.5
737.6   736.8   736.2   735.7   735.4   735.0   734.6   734.2   733.6   733.1
732.5   731.8   730.9   730.2   729.6   729.0   728.7   728.7   729.1   729.9
731.0   732.5   734.4   736.1   738.0   739.3   739.8   739.2   737.5   734.6
731.9   729.1   726.1   723.1   720.1   717.7     0.0     0.0     0.0
  0.0   950.2   928.5   918.1   896.9   869.3   842.7   830.9   819.7   808.9
798.3   787.4   777.1   769.3   763.3   758.9   756.0   753.7   751.6   749.9
748.7   747.5   746.3   745.1   744.0   742.8   741.7   740.7   739.6   738.7
737.8   737.0   736.2   735.5   734.9   734.3   733.6   733.0   732.4   731.6
730.7   729.8   728.9   728.0   727.2   726.4   725.7   725.4   725.6   726.4
727.7   729.4   731.6   733.6   735.7   737.3   738.0   737.6   736.0   733.1
730.4   727.6   724.6   721.7   718.8   716.6     0.0     0.0     0.0
  0.0   944.9   926.5   916.5   894.9   867.7   842.0   829.0   817.2   806.8
796.5   786.0   776.0   768.5   762.8   758.7   756.1   753.9   751.8   750.1
748.9   747.7   746.5   745.3   744.2   743.0   742.0   740.9   739.9   738.9
738.0   737.2   736.4   735.5   734.6   733.7   732.9   732.0   731.1   729.9
728.7   727.6   726.5   725.5   724.4   723.1   721.9   721.2   721.3   722.1
723.6   725.7   728.3   730.6   733.1   735.0   735.9   735.7   734.2   731.2
728.3   725.6   722.7   719.9   717.2   715.2     0.0     0.0     0.0
  0.0   940.0   924.7   914.7   892.8   866.1   841.5   827.2   815.1   804.9
795.0   784.7   775.2   768.0   762.7   758.7   756.2   754.1   752.0   750.3
749.1   747.9   746.7   745.5   744.4   743.3   742.3   741.2   740.2   739.3
738.4   737.5   736.7   735.7   734.5   733.4   732.4   731.3   730.0   728.5
727.1   725.8   724.5   723.1   721.7   720.0   718.1   716.9   716.7   717.6
719.5   722.1   725.2   727.9   730.7   732.8   733.9   733.8   732.2   729.0
726.2   723.4   720.5   717.9   715.4   714.0     0.0     0.0     0.0
  0.0   935.4   922.4   912.5   890.7   864.4   840.8   825.4   813.1   803.1
793.5   783.7   774.7   767.8   762.7   758.9   756.4   754.2   752.2   750.6
749.3   748.1   746.9   745.8   744.7   743.7   742.6   741.6   740.7   739.7
738.8   737.9   737.0   735.9   734.6   733.3   732.2   730.8   729.2   727.5
725.8   724.4   722.8   721.1   719.4   717.2   714.6   712.6   712.0   713.3
715.6   718.8   722.3   725.4   728.5   730.8   732.0   731.9   730.1   726.8
723.9   721.1   718.3   715.7   713.6   713.1     0.0     0.0     0.0
  0.0   931.0   919.9   910.3   888.4   862.5   839.7   823.6   811.2   801.4
792.1   782.8   774.3   767.8   762.8   759.1   756.6   754.4   752.5   750.9
749.7   748.3   747.1   746.1   745.1   744.1   743.1   742.1   741.2   740.2
739.3   738.4   737.5   736.4   735.0   733.6   732.0   730.4   728.8   726.8
724.9   723.3   721.6   719.7   717.7   715.0   711.8   709.0   707.9   709.5
712.3   716.1   720.0   723.3   726.5   729.0   730.2   730.0   728.0   724.6
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721.6    718.8    716.0    713.5    711.6      0.0      0.0      0.0      0.0
  0.0    926.8    917.3    907.9    886.0    860.5    838.3    821.7    809.3    799.7
790.8    782.0    774.0    767.9    763.0    759.3    756.8    754.6    752.8    751.3
749.9    748.6    747.4    746.5    745.6    744.6    743.7    742.7    741.8    740.9
739.9    739.0    738.1    736.9    735.5    734.0    732.4    730.6    728.5    726.3
724.4    722.8    721.0    719.0    716.8    713.9    710.3    707.1    705.5    707.3
710.4    714.3    718.3    721.6    724.9    727.3    728.5    728.2    726.0    722.3
719.1    716.2    713.5    711.2    709.6      0.0      0.0      0.0      0.0
  0.0    922.2    913.9    904.1    883.0    857.9    836.2    819.3    807.0    797.8
789.4    781.2    773.8    768.0    763.2    759.5    757.0    754.8    753.1    751.8
750.6    749.4    748.3    747.3    746.4    745.5    744.5    743.6    742.7    741.7
740.8    739.9    738.9    737.7    736.2    734.7    733.0    731.1    729.0    726.5
724.3    722.7    721.0    719.0    716.9    714.1    710.7    707.8    706.4    707.6
710.1    713.5    717.2    720.3    723.4    725.7    726.7    726.2    723.5    719.5
716.1    713.2    710.5    708.5    707.2      0.0      0.0      0.0      0.0
  0.0    917.3    909.3    899.5    879.3    854.6    833.4    816.3    804.3    795.7
788.0    780.4    773.9    768.5    763.6    759.8    757.1    755.3    754.0    752.8
751.7    750.5    749.5    748.6    747.7    746.7    745.8    744.9    744.0    743.0
742.1    741.1    740.2    738.9    737.4    735.8    734.0    732.1    729.9    727.4
725.1    723.7    722.0    720.2    718.3    715.9    713.1    710.9    709.8    710.3
711.8    714.2    717.0    719.6    722.2    724.2    724.9    724.1    720.8    716.3
712.7    709.7    707.2    705.6    704.5      0.0      0.0      0.0      0.0
  0.0    912.5    904.8    894.5    875.2    851.0    830.1    813.0    801.5    793.5
786.6    779.8    774.0    769.1    764.4    760.8    758.2    756.5    755.2    754.1
753.1    751.9    750.9    750.0    749.1    748.2    747.3    746.4    745.5    744.5
743.6    742.7    741.7    740.5    738.9    737.2    735.5    733.5    731.3    728.8
726.7    725.3    723.8    722.2    720.5    718.4    716.2    714.4    713.5    713.4
714.2    715.7    717.6    719.5    721.5    723.0    723.3    722.0    718.2    713.5
709.8    706.8    704.4    702.9    701.9      0.0      0.0      0.0      0.0
  0.0    908.0    901.2    889.9    871.2    847.2    826.5    809.4    798.5    791.4
785.4    779.5    774.3    769.8    765.5    762.1    759.8    758.1    756.8    755.7
754.7    753.6    752.6    751.8    750.9    750.0    749.1    748.2    747.3    746.3
745.4    744.5    743.5    742.2    740.7    739.0    737.2    735.3    733.1    730.8
728.7    727.4    725.9    724.4    723.0    721.2    719.2    717.7    716.7    716.4
716.7    717.4    718.6    719.9    721.3    722.2    722.0    720.2    716.1    711.3
707.9    705.1    702.7    700.8    699.5      0.0      0.0      0.0      0.0
  0.0    903.7    897.4    885.6    867.1    843.2    822.7    805.5    795.3    789.3
784.4    779.4    774.8    770.8    766.9    763.8    761.5    759.9    758.6    757.5
756.6    755.5    754.6    753.7    752.8    752.0    751.1    750.2    749.3    748.4
747.5    746.5    745.6    744.3    742.8    741.1    739.3    737.3    735.1    732.9
731.2    729.7    728.3    726.8    725.4    723.7    722.0    720.6    719.6    719.0
718.9    719.2    719.8    720.5    721.3    721.7    721.1    718.8    714.5    710.2
707.0    704.3    701.6    699.1    696.9      0.0      0.0      0.0      0.0
  0.0    899.6    893.6    881.6    862.9    839.2    818.8    801.6    792.1    787.4
783.7    779.7    775.7    772.2    768.7    765.8    763.8    762.2    760.8    759.6
758.6    757.6    756.7    755.9    755.1    754.2    753.4    752.5    751.6    750.8
749.8    748.9    747.9    746.7    745.1    743.4    741.5    739.5    737.4    735.3
733.5    732.1    730.6    729.2    727.8    726.2    724.4    723.0    722.0    721.4
721.0    721.0    721.2    721.4    721.7    721.5    720.4    717.8    713.8    709.9
707.0    704.3    701.6    698.6    694.7      0.0      0.0      0.0      0.0
  0.0    895.0    889.0    876.8    857.5    834.4    814.3    797.2    788.2    785.5
783.5    780.7    777.5    774.4    771.3    768.8    767.0    765.3    763.8    762.5
761.5    760.5    759.6    758.9    758.1    757.3    756.5    755.7    754.9    754.0
753.1    752.2    751.2    750.0    748.4    746.7    744.7    742.6    740.6    738.4
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736.5   735.0   733.5   732.0   730.6   728.9   727.1   725.7   724.7   724.0
723.5   723.2   723.0   722.8   722.5   721.7   720.1   717.5   713.9   710.4
707.9   705.8   704.0   702.7     0.0     0.0     0.0     0.0     0.0
  0.0   890.3   883.7   871.3   851.3   829.1   810.9   795.9   787.3   785.6
785.5   783.6   781.0   778.3   775.5   773.1   771.3   769.5   768.0   766.7
765.6   764.6   763.8   763.1   762.5   761.8   761.0   760.3   759.5   758.6
757.8   756.9   755.9   754.6   752.8   751.0   749.2   747.0   744.8   742.4
740.4   738.7   737.0   735.3   733.7   731.8   729.8   728.5   727.5   726.9
726.5   726.0   725.5   725.0   724.2   722.7   720.8   718.1   714.8   711.7
709.5   707.8   706.2   705.0     0.0     0.0     0.0     0.0     0.0
  0.0   886.0   879.3   866.3   845.4   824.4   808.5   797.3   791.1   790.2
790.0   788.4   786.0   783.6   780.9   778.4   776.6   774.9   773.3   771.9
770.8   769.8   769.0   768.3   767.7   767.0   766.3   765.5   764.7   763.7
762.8   762.0   761.0   759.7   757.9   755.9   753.8   751.7   749.4   747.0
744.8   743.0   741.1   739.2   737.3   735.0   732.6   731.5   730.8   730.4
730.0   729.5   728.8   727.9   726.6   724.7   722.3   719.5   716.2   713.4
711.5   710.1   708.9     0.0     0.0     0.0     0.0     0.0     0.0
  0.0   883.1   875.9   861.6   839.9   820.0   806.8   799.7   796.5   796.4
796.3   794.9   792.5   790.3   787.6   784.9   783.0   781.3   779.6   778.2
777.0   776.0   775.1   774.4   773.6   772.7   771.9   771.2   770.3   769.3
768.2   767.1   766.0   764.6   762.8   760.9   758.9   756.8   754.6   752.2
750.1   748.4   746.7   745.0   743.2   741.2   739.1   737.6   736.5   735.6
734.8   733.9   732.8   731.6   729.9   727.5   724.7   721.6   718.3   715.7
714.1   713.3     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0   880.8   872.6   856.5   833.8   815.4   806.0   803.4   804.1   805.1
805.4   804.3   801.2   798.4   795.9   793.3   791.2   789.4   787.6   786.0
784.7   783.3   782.2   781.4   780.6   779.6   778.6   777.6   776.6   775.5
774.5   773.4   772.2   770.8   769.0   767.1   765.1   763.1   761.0   758.8
756.9   755.4   753.9   752.4   750.9   749.1   747.2   745.4   743.9   742.6
741.3   739.9   738.3   736.6   734.4   731.4   728.2   724.8   721.2   718.2
716.4   715.2   714.5   714.0     0.0     0.0     0.0     0.0     0.0
  0.0   878.6   868.0   850.0   826.1   809.9   804.3   808.6   813.2   816.0
816.7   815.0   811.2   807.6   804.4   802.2   800.3   798.3   796.4   794.7
793.3   791.7   790.3   789.3   788.3   787.2   786.2   785.1   784.0   782.9
781.8   780.6   779.4   777.9   776.0   774.2   772.2   770.3   768.3   766.2
764.5   763.2   761.8   760.4   759.1   757.4   755.5   753.7   752.0   750.3
748.7   746.9   744.8   742.7   740.0   736.6   733.1   729.3   725.3   722.0
719.9   718.2   716.6   715.3   714.1   713.2   712.8     0.0     0.0
  0.0   876.1   861.6   841.8   818.7   804.5   801.6   814.5   821.3   825.3
826.3   823.1   819.2   815.8   812.5   810.0   808.0   806.0   804.0   802.2
800.6   799.1   797.7   796.7   795.6   794.5   793.4   792.2   791.1   789.9
788.7   787.5   786.3   784.7   782.8   780.9   779.0   777.1   775.1   773.2
771.5   770.2   768.9   767.6   766.3   764.7   762.8   760.9   759.0   757.2
755.4   753.4   751.0   748.5   745.6   742.1   738.5   734.6   730.5   727.1
724.8   723.0   721.2   719.6   717.9   716.4   715.3   714.8     0.0
  0.0   873.3   854.0   832.6   809.8   807.3   809.8   821.6   829.2   832.9
833.9   830.6   826.6   823.2   820.0   817.3   815.3   813.2   811.1   809.2
807.6   806.0   804.6   803.5   802.3   801.2   800.0   798.8   797.6   796.4
795.2   793.9   792.6   791.0   789.1   787.1   785.2   783.3   781.3   779.4
777.8   776.5   775.2   773.9   772.6   771.0   769.1   767.1   765.2   763.3
761.5   759.3   757.0   754.3   750.9   747.3   743.6   740.0   735.9   732.4
730.1   728.2   726.3   724.7   722.8   721.0   719.4   718.1     0.0
  0.0   871.7   846.0   826.0   805.7   813.8   820.6   830.0   836.8   840.6
840.8   837.1   833.1   829.8   826.6   824.0   821.8   819.7   817.6   815.7
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814.0   812.3   810.8   809.7   808.5   807.3   806.0   804.8   803.6   802.3
801.0   799.7   798.4   796.8   794.8   792.7   790.7   788.8   786.9   785.0
783.4   782.1   780.8   779.5   778.2   776.5   774.6   772.6   770.7   768.7
766.8   764.5   762.0   759.5   755.9   752.1   748.3   744.6   740.8   737.5
735.3   733.5   731.7   730.0   728.2   726.2   724.4   722.8     0.0
  0.0   863.0   838.7   824.8   815.3   823.3   831.2   838.7   844.4   846.4
845.7   842.3   838.7   835.7   832.7   830.0   827.8   825.6   823.4   821.4
819.7   817.9   816.5   815.2   814.0   812.8   811.5   810.3   809.0   807.7
806.4   805.1   803.8   802.1   800.1   798.1   796.1   794.1   792.1   790.1
788.5   787.1   785.8   784.5   783.1   781.5   779.5   777.4   775.4   773.4
771.4   769.1   766.5   763.8   760.4   756.3   752.8   748.9   745.1   742.0
740.0   738.3   736.7   735.2   733.6   731.9   730.5   729.3     0.0
  0.0   858.0   834.1   829.3   828.8   835.8   843.9   850.8   853.2   852.8
850.9   847.8   844.5   841.7   839.2   836.8   834.5   832.3   830.0   828.0
826.2   824.4   822.8   821.6   820.3   819.0   817.8   816.5   815.1   813.8
812.5   811.2   809.8   808.1   806.0   804.0   801.9   799.8   797.8   795.7
794.0   792.6   791.2   789.8   788.5   786.7   784.7   782.6   780.5   778.5
776.4   774.0   771.2   768.3   764.9   761.2   757.5   753.7   749.9   747.0
745.1   743.6   742.2   740.9   739.5   738.2   737.2   736.4     0.0
  0.0   853.0   834.1   844.8   849.1   850.4   855.5   859.9   859.5   858.0
856.0   853.3   850.3   847.6   845.0   842.7   840.7   838.5   836.4   834.5
832.8   831.0   829.3   827.9   826.5   825.2   823.8   822.4   821.0   819.6
818.2   816.8   815.4   813.6   811.5   809.3   807.2   805.0   802.9   800.7
798.9   797.5   796.0   794.6   793.2   791.4   789.3   787.1   785.0   782.9
780.7   778.2   775.2   772.3   769.1   765.3   761.7   757.9   754.2   751.4
749.7   748.3   747.0   745.9   744.7   743.6   742.7   742.1     0.0
  0.0   848.0   832.0   846.0   859.0   858.8   862.2   862.9   862.9   862.0
860.3   858.0   855.1   852.3   849.7   847.3   845.2   843.0   840.8   838.7
837.0   835.2   833.6   832.4   831.2   830.0   828.6   827.0   825.5   824.0
822.5   821.0   819.5   817.6   815.3   813.1   810.8   808.6   806.3   804.1
802.2   800.8   799.3   797.8   796.3   794.5   792.3   790.1   787.9   785.7
783.3   780.8   778.2   775.5   772.1   768.1   764.4   760.9   757.4   754.7
753.0   751.7   750.6   749.5   748.5   747.5   746.8   746.2     0.0
  0.0   848.0   827.0   843.2   857.0   861.0   865.4   868.5   867.0   865.5
863.6   861.0   858.2   855.7   853.0   850.5   848.4   846.1   843.8   841.7
839.8   837.9   836.3   835.0   833.6   832.3   831.0   829.6   828.3   827.0
825.5   823.8   822.2   820.1   817.8   815.4   813.1   810.8   808.5   806.2
804.3   802.7   801.2   799.7   798.2   796.3   794.0   791.6   789.3   787.4
785.3   782.9   780.2   777.4   774.0   770.1   766.6   763.0   759.6   757.2
755.7   754.5   753.5   752.5   751.5   750.6   749.9   749.1     0.0
  0.0   848.0   819.3   840.0   854.8   861.7   866.1   868.5   867.9   866.8
865.2   862.7   859.8   857.4   854.6   852.1   850.0   847.7   845.3   843.2
841.2   839.3   837.6   836.3   834.9   833.5   832.1   830.7   829.3   827.9
826.6   825.2   823.7   821.5   819.0   816.6   814.2   811.9   809.6   807.2
805.3   803.7   802.1   800.5   798.8   796.9   794.9   792.8   790.7   788.6
786.5   784.0   781.2   778.5   775.1   771.3   767.8   764.3   761.0   758.7
757.3   756.2   755.3   754.5   753.7   753.0   752.7   742.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
```

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   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0   927.5   940.0   940.0   938.0   942.4
 944.1   937.8   927.0   918.4   904.0   883.5   900.1   905.5   910.1   913.1
 914.9   915.7   916.1   916.4   916.5   916.6   916.6   916.5   916.3   916.0
 915.8   915.5   915.0   911.2   906.9   903.6   900.9   898.6   896.7   895.2
 894.1   893.3   892.5   891.8   891.1   890.2   889.3   888.5   887.9   887.5
 887.2   887.3   887.7   889.4   892.8   895.9   894.1   891.5   889.6   888.0
 887.3   886.2   883.3   879.3   873.4   865.2   861.0   750.0     0.0
   0.0     0.0     0.0     0.0     0.0   886.1   890.8   895.2   902.5   912.9
 924.8   924.6   903.1   886.5   873.6   875.1   882.8   889.0   892.8   895.1
 897.2   899.0   899.9   900.6   901.1   901.4   901.7   901.9   902.0   902.0
 901.9   901.5   901.2   900.6   900.0   899.3   898.7   897.5   896.0   894.4
 892.9   891.7   890.7   890.0   889.2   888.2   888.1   888.2   888.4   888.6
 888.9   889.4   890.4   892.5   895.0   896.3   894.0   890.7   885.5   875.3
 868.2   860.3   850.5   838.7   823.7   798.7   771.5   762.1     0.0
   0.0     0.0     0.0   941.2   927.4   918.2   906.7   893.3   883.1   882.7
 881.5   876.3   868.2   861.9   859.3   860.2   862.0   864.3   866.6   868.4
 869.8   871.1   872.1   872.9   873.6   874.3   874.9   875.5   876.0   876.5
 876.9   877.2   877.5   877.7   877.8   877.6   877.3   876.9   876.4   875.7
 875.2   874.7   874.2   873.8   873.4   873.0   872.8   872.7   872.7   872.6
 872.5   872.7   873.3   874.0   874.4   873.7   871.8   868.8   864.8   861.1
 858.5   856.3   854.1   852.1   850.1   848.4     0.0     0.0     0.0
   0.0     0.0  1000.8   959.6   939.7   924.2   911.6   895.6   873.2   869.4
 863.2   854.3   846.5   840.7   837.7   839.2   840.4   841.6   842.7   843.5
 844.2   844.9   845.6   846.2   846.8   847.5   848.3   849.1   849.9   850.7
 851.4   852.1   852.8   853.6   854.3   854.9   855.3   855.6   855.7   855.7
 855.7   855.6   855.5   855.4   855.4   855.4   855.6   855.8   856.2   856.4
 856.4   856.5   856.6   856.6   856.3   855.5   854.1   852.2   850.0   848.4
 847.5   846.9   846.4   846.0   845.6   845.2     0.0     0.0     0.0
   0.0     0.0  1001.7   967.6   938.2   917.3   901.1   889.8   877.9   869.8
 860.3   847.9   833.6   823.5   819.9   820.5   821.6   822.2   822.4   822.4
 822.3   822.4   822.8   823.2   823.9   824.9   826.0   827.3   828.7   830.1
 831.4   832.7   833.8   835.0   836.1   836.9   837.5   838.0   838.3   838.7
 839.0   839.2   839.4   839.6   839.8   840.1   840.3   840.5   840.6   840.9
 841.3   842.4   843.0   843.2   843.1   842.6   841.6   840.4   839.3   838.4
 837.8   837.4   837.1   836.7   836.3   835.8     0.0     0.0     0.0
   0.0     0.0  1002.5   967.8   935.1   913.2   897.9   888.0   877.7   868.5
 857.9   844.3   829.9   821.0   814.4   810.7   808.3   806.4   804.8   803.2
 801.8   800.8   801.1   801.8   802.9   804.4   806.2   808.1   810.0   812.0
 813.9   815.6   817.1   818.6   820.1   821.2   822.1   822.9   823.7   824.5
 825.0   825.5   826.0   826.4   826.8   827.3   827.8   828.3   828.7   829.2
 829.5   830.0   830.7   831.2   831.5   831.4   830.9   830.1   829.3   828.4
 827.8   827.2   826.7   826.2   825.5   824.4     0.0     0.0     0.0
   0.0     0.0  1000.9   966.1   932.6   911.0   896.2   885.0   874.3   864.0
 852.6   839.4   827.0   817.0   808.2   802.0   797.2   793.1   789.8   787.7
 786.4   785.6   785.5   785.9   786.7   787.9   789.6   791.3   792.8   794.3
 796.0   797.8   799.4   801.3   803.1   804.7   806.3   807.7   809.1   810.3
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811.3   812.0   812.7   813.3   813.9   814.6   815.4   816.1   816.7   817.3
817.7   817.9   818.6   819.2   819.6   819.9   820.0   819.4   818.4   817.4
816.5   815.6   814.4   812.9   811.0   809.0     0.0     0.0     0.0
  0.0     0.0   996.1   960.6   930.1   909.0   894.1   881.5   869.7   859.1
847.6   834.5   821.9   811.2   801.4   792.9   787.0   782.9   779.3   776.7
774.9   773.6   773.0   772.9   773.2   774.1   775.2   776.7   778.3   779.9
781.5   783.1   784.7   786.5   788.6   790.6   792.5   794.2   795.8   797.3
798.5   799.3   800.1   800.9   801.6   802.5   803.4   804.3   805.0   805.7
806.2   806.7   807.0   807.3   807.7   808.0   808.2   807.8   806.9   806.1
805.4   804.6   803.5   802.2   800.6   799.0     0.0     0.0     0.0
  0.0     0.0   986.1   955.8   927.1   906.8   892.0   877.8   865.0   854.6
843.0   829.2   816.1   805.2   793.1   783.6   778.7   774.3   770.5   767.5
765.3   763.4   762.2   761.7   761.5   761.6   762.4   763.7   765.2   766.8
768.7   770.8   773.1   775.5   777.7   779.9   781.9   783.7   785.4   787.0
788.2   789.1   789.9   790.7   791.5   792.4   793.3   794.2   795.0   795.7
796.3   797.0   797.6   798.1   798.6   798.7   797.9   797.3   796.6   796.1
795.8   795.6   795.5   795.5   795.8   796.3   797.8     0.0     0.0
  0.0     0.0   977.3   951.5   924.3   904.5   889.5   874.0   860.9   850.3
838.5   824.2   810.6   798.8   786.4   777.6   772.0   767.6   763.7   760.8
758.6   756.6   755.3   754.3   753.8   754.0   754.8   756.1   757.6   759.4
761.3   763.5   765.6   767.5   769.7   771.8   773.8   775.6   777.2   778.7
779.9   780.8   781.7   782.4   783.2   784.1   785.0   785.9   786.7   787.4
788.0   788.8   789.5   790.2   790.7   790.8   790.4   789.7   788.9   788.5
788.3   788.5   789.1   790.4   792.7   794.1     0.0     0.0     0.0
  0.0     0.0   970.5   947.0   921.4   902.0   885.9   869.7   856.6   845.6
833.1   818.7   805.2   793.4   781.8   773.6   768.1   763.5   759.4   756.3
753.8   751.4   749.6   748.4   747.2   747.3   748.3   749.8   751.5   753.3
755.2   757.2   759.2   761.3   763.0   764.8   766.5   768.2   769.7   771.1
772.2   773.0   773.8   774.6   775.3   776.1   777.1   777.9   778.7   779.4
780.1   780.9   781.7   782.3   782.9   783.0   782.5   781.5   780.4   779.5
779.1   779.2   779.9   781.9     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   965.5   943.4   918.9   899.0   882.0   866.0   852.7   841.2
828.3   813.9   800.7   789.4   778.7   771.0   765.7   761.0   756.9   753.9
751.0   748.2   746.4   745.2   744.5   744.7   745.5   746.6   748.0   749.4
751.0   752.5   754.1   756.2   758.0   759.5   761.0   762.4   763.8   765.1
766.1   766.9   767.7   768.3   769.0   769.8   770.7   771.5   772.3   773.0
773.7   774.5   775.3   775.9   776.4   776.5   775.8   774.6   772.8   771.0
769.8   769.0   768.6     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   961.7   940.5   916.9   895.9   878.8   863.0   849.3   837.4
824.2   809.9   797.2   786.4   776.3   769.0   763.8   759.1   755.0   751.5
748.4   746.0   744.5   743.7   743.2   743.3   743.8   744.6   745.6   746.7
747.9   749.2   750.5   752.0   753.9   755.3   756.7   758.0   759.3   760.5
761.5   762.2   762.9   763.5   764.2   764.9   765.8   766.6   767.3   768.0
768.6   769.4   770.2   770.9   771.4   771.4   770.6   769.0   766.7   764.1
762.0   760.3   759.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   958.3   937.8   914.8   892.5   875.5   859.7   845.7   833.4
820.0   806.1   793.8   783.6   774.0   767.0   762.0   756.8   752.1   748.5
745.9   743.8   742.5   741.8   741.5   741.5   741.8   742.3   743.1   744.0
744.9   746.0   747.1   748.3   749.9   751.3   752.6   753.8   755.0   756.0
756.9   757.6   758.3   758.9   759.5   760.2   761.0   761.8   762.5   763.1
763.8   764.5   765.4   766.0   766.5   766.4   765.5   763.7   760.9   757.4
754.3   751.2   747.5   742.4     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   955.4   935.6   913.0   889.5   872.5   856.7   842.4   829.8
816.5   802.8   791.0   781.3   772.0   765.1   759.6   754.1   749.5   746.0
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743.5	741.4	740.2	739.5	739.2	739.2	739.5	740.0	740.6	741.4
742.2	743.1	744.1	745.2	746.6	747.9	749.1	750.2	751.3	752.3
753.1	753.7	754.3	754.9	755.5	756.2	757.0	757.7	758.4	759.1
759.7	760.5	761.3	761.9	762.3	762.2	761.2	759.3	756.2	752.3
748.7	745.2	741.2	736.9	732.1	0.0	0.0	0.0	0.0	
0.0	0.0	953.0	933.8	911.2	886.6	869.9	854.0	839.4	826.8
813.5	800.2	788.8	779.5	769.7	762.5	756.9	751.9	747.3	743.8
741.2	739.0	737.8	737.2	736.9	736.9	737.2	737.7	738.3	739.1
739.9	740.7	741.6	742.7	743.9	745.0	746.1	747.2	748.1	749.1
749.8	750.4	751.0	751.6	752.1	752.8	753.6	754.3	755.0	755.7
756.3	757.1	757.8	758.4	758.8	758.7	757.7	755.8	752.6	748.5
744.8	741.2	737.4	733.9	730.9	0.0	0.0	0.0	0.0	
0.0	0.0	950.7	931.7	909.0	883.8	867.2	851.2	836.4	823.7
810.7	797.7	786.7	776.8	766.9	759.8	754.6	749.7	745.1	741.5
738.7	736.4	735.2	734.8	734.7	734.9	735.2	735.7	736.2	736.9
737.7	738.5	739.3	740.2	741.2	742.3	743.2	744.2	745.0	745.9
746.6	747.2	747.7	748.3	748.8	749.4	750.2	750.9	751.7	752.3
753.0	753.7	754.5	755.0	755.5	755.3	754.3	752.4	749.3	745.3
741.8	738.3	734.0	731.0	729.5	0.0	0.0	0.0	0.0	
0.0	0.0	948.4	929.4	906.8	881.2	864.5	848.2	833.3	820.8
808.1	795.3	784.5	774.0	764.4	757.4	752.3	747.5	743.0	739.2
736.3	733.9	733.0	732.8	733.0	733.2	733.6	734.0	734.5	735.1
735.7	736.3	736.9	737.7	738.6	739.5	740.3	741.2	742.0	742.8
743.4	744.0	744.5	745.0	745.5	746.1	746.8	747.6	748.3	749.0
749.7	750.5	751.2	751.8	752.2	752.1	751.1	749.3	746.4	742.9
739.2	735.4	731.8	729.8	728.7	0.0	0.0	0.0	0.0	
0.0	0.0	946.1	927.2	904.7	878.5	861.7	845.2	830.3	818.0
805.6	793.2	781.6	771.2	761.9	755.0	750.0	745.4	741.0	737.3
734.3	732.0	731.5	731.4	731.5	731.7	732.0	732.4	732.8	733.2
733.7	734.2	734.7	735.3	736.0	736.7	737.5	738.2	738.9	739.7
740.3	740.7	741.2	741.7	742.1	742.7	743.5	744.2	744.9	745.7
746.4	747.2	747.9	748.5	749.0	749.0	748.1	746.5	743.9	740.3
736.5	733.2	730.7	729.1	728.0	0.0	0.0	0.0	0.0	
0.0	0.0	943.8	925.2	902.6	876.0	858.7	842.0	827.3	815.3
803.3	790.4	778.5	768.6	759.3	752.5	747.8	743.4	739.3	735.8
733.2	731.3	730.8	730.6	730.6	730.7	730.8	731.0	731.2	731.5
731.8	732.1	732.4	732.9	733.4	734.0	734.5	735.1	735.8	736.6
737.1	737.6	738.0	738.4	738.8	739.4	740.1	740.8	741.6	742.3
743.1	743.9	744.7	745.4	745.9	746.0	745.3	743.8	741.6	737.8
734.2	731.7	729.8	728.3	727.2	0.0	0.0	0.0	0.0	
0.0	0.0	942.0	923.8	900.9	873.8	856.1	839.4	824.9	813.2
801.5	788.1	776.3	766.5	757.2	750.3	745.9	741.9	738.0	735.1
733.1	731.5	730.7	730.4	730.2	730.2	730.2	730.2	730.3	730.4
730.5	730.7	730.9	731.2	731.5	731.9	732.3	732.8	733.3	734.1
734.6	735.0	735.3	735.7	736.1	736.6	737.2	738.0	738.7	739.5
740.3	741.2	742.0	742.8	743.4	743.6	743.1	741.8	739.5	735.7
732.7	730.7	728.9	727.4	726.3	0.0	0.0	0.0	0.0	
0.0	0.0	940.6	922.8	899.5	872.1	854.0	837.3	823.1	811.6
800.0	786.3	774.7	764.9	755.5	748.5	744.4	740.7	737.3	734.9
733.0	731.5	730.7	730.3	730.0	730.0	729.9	729.8	729.8	729.8
729.8	729.9	730.0	730.2	730.5	730.8	731.1	731.4	731.8	732.2
732.6	732.9	733.2	733.5	733.9	734.3	735.0	735.7	736.5	737.2
738.0	739.0	739.9	740.7	741.5	741.8	741.3	740.1	737.6	734.3
731.8	729.9	728.1	726.6	725.4	0.0	0.0	0.0	0.0	

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  0.0    0.0  939.3  921.7  898.2  870.4  851.7  835.2  821.3  810.2
798.1  784.6  773.1  763.4  753.9  746.8  743.0  739.7  736.8  734.7
733.1  731.7  730.8  730.3  729.9  729.7  729.5  729.4  729.3  729.3
729.2  729.2  729.3  729.4  729.6  729.8  730.0  730.0  730.2  730.3
730.7  730.9  731.2  731.4  731.7  732.1  732.7  733.4  734.2  735.0
735.8  736.7  737.8  738.7  739.5  740.0  739.7  738.5  736.0  733.1
730.9  729.1  727.2  725.6  724.3    0.0    0.0    0.0    0.0
  0.0    0.0  938.1  920.8  896.9  868.6  849.4  833.2  819.6  808.7
796.1  783.0  771.6  761.9  752.4  745.4  741.9  739.0  736.5  734.7
733.3  731.9  731.0  730.4  729.9  729.5  729.2  729.0  728.7  728.5
728.4  728.4  728.4  728.5  728.7  728.9  728.9  728.9  728.8  728.7
728.9  729.0  729.2  729.3  729.6  729.9  730.5  731.1  731.8  732.7
733.5  734.5  735.6  736.6  737.6  738.2  738.1  737.1  734.8  732.2
730.1  728.2  726.3  724.6  723.0    0.0    0.0    0.0    0.0
  0.0  956.9  936.8  919.9  895.5  866.9  847.0  831.2  818.0  807.3
794.4  781.5  770.2  760.4  751.1  744.4  741.0  738.5  736.4  734.7
733.4  732.2  731.2  730.6  730.0  729.4  729.0  728.6  728.2  727.9
727.6  727.4  727.4  727.5  727.7  727.9  727.9  727.8  727.5  727.3
727.2  727.2  727.3  727.4  727.5  727.7  728.2  728.8  729.5  730.3
731.2  732.3  733.5  734.6  735.7  736.5  736.5  735.7  733.7  731.2
729.2  727.3  725.3  723.5  721.5  718.5    0.0    0.0    0.0
  0.0  956.8  935.1  919.0  894.2  865.2  844.7  829.2  816.5  805.5
792.7  780.2  768.9  759.0  750.2  744.1  740.6  738.3  736.3  734.7
733.6  732.4  731.5  730.8  730.1  729.4  728.9  728.3  727.8  727.3
726.9  726.6  726.5  726.5  726.7  726.9  726.8  726.7  726.4  726.0
725.7  725.5  725.5  725.5  725.5  725.6  726.0  726.5  727.1  727.9
728.8  730.0  731.3  732.5  733.8  734.8  735.0  734.3  732.6  730.2
728.2  726.3  724.4  722.4  720.3  718.1    0.0    0.0    0.0
  0.0  956.6  933.3  918.1  892.9  863.6  842.3  827.4  815.0  803.6
791.2  778.9  767.5  757.7  749.6  744.1  740.5  738.2  736.4  734.9
733.8  732.7  731.8  731.0  730.2  729.5  728.8  728.2  727.5  726.8
726.3  726.0  725.9  725.8  725.8  725.9  725.9  725.6  725.3  724.8
724.3  724.0  723.8  723.7  723.6  723.5  723.7  724.1  724.7  725.5
726.5  727.7  729.2  730.5  732.0  733.2  733.5  733.0  731.5  729.3
727.3  725.4  723.4  721.4  719.3  717.5    0.0    0.0    0.0
  0.0  954.8  931.5  917.2  891.6  862.0  840.0  825.6  813.5  801.9
789.8  777.6  766.2  756.7  749.3  744.0  740.5  738.3  736.5  735.1
734.0  732.9  732.0  731.3  730.5  729.6  728.8  728.0  727.3  726.6
726.0  725.6  725.3  725.2  725.1  725.1  724.9  724.6  724.2  723.6
723.1  722.8  722.4  722.0  721.7  721.5  721.5  721.7  722.3  723.1
724.0  725.4  727.0  728.5  730.2  731.5  732.1  731.8  730.4  728.3
726.4  724.5  722.5  720.4  718.3  716.7    0.0    0.0    0.0
  0.0  952.2  929.7  916.3  890.2  860.6  838.0  823.9  812.0  800.3
788.5  776.5  765.1  756.0  748.9  744.0  740.7  738.5  736.7  735.3
734.3  733.2  732.3  731.5  730.6  729.7  728.8  728.0  727.3  726.5
725.9  725.4  725.0  724.8  724.5  724.4  724.1  723.6  723.1  722.6
722.0  721.5  720.9  720.3  719.8  719.4  719.2  719.3  719.7  720.5
721.6  723.0  724.8  726.5  728.4  730.0  730.7  730.5  729.3  727.3
725.4  723.5  721.5  719.5  717.5  715.9    0.0    0.0    0.0
  0.0  949.1  927.9  915.2  888.8  859.2  836.2  822.4  810.7  798.9
787.3  775.5  764.2  755.3  748.7  744.0  740.9  738.8  737.0  735.6
734.6  733.5  732.6  731.7  730.8  729.9  729.0  728.2  727.4  726.7
726.0  725.4  724.9  724.5  724.1  723.7  723.2  722.7  722.1  721.5
720.9  720.1  719.3  718.5  717.9  717.3  716.8  716.8  717.1  717.9
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719.0    720.6    722.6    724.5    726.6    728.4    729.3    729.3    728.3    726.3
724.4    722.5    720.5    718.5    716.6    715.1      0.0      0.0      0.0
  0.0    945.0    925.7    913.8    887.0    857.7    834.5    820.7    808.6    797.1
785.9    774.3    763.2    754.7    748.4    744.0    741.2    739.2    737.4    735.9
735.0    734.0    733.0    732.0    731.1    730.2    729.3    728.5    727.7    726.9
726.2    725.5    724.9    724.2    723.7    723.0    722.2    721.6    720.9    720.1
719.1    718.2    717.2    716.3    715.5    714.6    713.8    713.5    713.7    714.5
715.8    717.6    719.9    722.1    724.5    726.6    727.7    727.9    726.9    725.0
723.1    721.2    719.2    717.3    715.5    714.1      0.0      0.0      0.0
  0.0    940.0    923.2    911.7    884.7    856.0    833.1    818.8    806.2    795.2
784.4    773.1    762.3    754.2    748.4    744.1    741.7    739.7    737.9    736.5
735.5    734.5    733.5    732.5    731.5    730.6    729.8    728.9    728.1    727.3
726.5    725.8    725.1    724.2    723.4    722.5    721.6    720.7    719.7    718.5
717.2    716.1    714.9    713.8    712.7    711.4    710.2    709.4    709.5    710.3
711.8    714.0    716.8    719.3    722.1    724.4    725.8    726.1    725.2    723.3
721.4    719.5    717.6    715.8    714.1    713.0      0.0      0.0      0.0
  0.0    935.2    920.8    909.2    882.3    854.2    832.0    817.0    804.2    793.5
783.1    772.2    761.9    754.2    748.6    744.5    742.2    740.2    738.4    737.0
735.9    735.0    734.0    733.0    732.0    731.1    730.3    729.4    728.6    727.8
727.0    726.2    725.4    724.5    723.3    722.2    721.2    720.0    718.6    717.1
715.5    714.3    712.9    711.5    710.0    708.3    706.5    705.3    705.1    706.0
707.9    710.5    713.8    716.7    719.8    722.5    724.0    724.4    723.5    721.5
719.6    717.8    715.9    714.2    712.7    711.9      0.0      0.0      0.0
  0.0    930.6    917.8    906.4    879.8    852.5    830.8    815.3    802.4    792.0
781.9    771.5    761.8    754.5    749.1    745.2    742.7    740.7    739.0    737.5
736.4    735.4    734.4    733.5    732.5    731.7    730.8    730.0    729.1    728.3
727.5    726.7    725.8    724.8    723.5    722.2    720.9    719.5    717.9    716.0
714.3    712.8    711.2    709.5    707.8    705.5    703.1    701.3    700.8    701.9
704.2    707.4    711.1    714.4    717.8    720.6    722.3    722.8    721.8    719.7
717.8    716.0    714.1    712.5    711.2    711.2      0.0      0.0      0.0
  0.0    926.1    914.6    903.5    877.3    850.7    829.5    813.5    800.7    790.5
780.8    771.0    761.8    754.9    749.6    745.8    743.2    741.2    739.5    738.1
737.0    735.8    734.8    734.0    733.1    732.3    731.4    730.6    729.8    728.9
728.1    727.2    726.4    725.3    723.9    722.4    720.8    719.2    717.4    715.3
713.4    711.8    710.0    708.1    706.1    703.5    700.5    698.1    697.2    698.6
701.2    704.9    709.0    712.5    716.1    719.0    720.7    721.2    720.1    717.9
715.9    714.1    712.3    710.8    709.6      0.0      0.0      0.0      0.0
  0.0    921.8    911.4    900.6    874.8    848.7    828.0    811.7    799.1    789.2
779.9    770.6    762.0    755.3    750.2    746.3    743.7    741.7    740.1    738.8
737.6    736.4    735.4    734.6    733.8    733.0    732.2    731.3    730.5    729.6
728.8    727.9    727.0    725.9    724.4    722.9    721.2    719.4    717.2    714.9
713.0    711.3    709.4    707.4    705.3    702.5    699.2    696.5    695.3    696.7
699.5    703.3    707.5    711.0    714.7    717.6    719.3    719.7    718.4    716.0
714.0    712.2    710.4    709.0    707.9      0.0      0.0      0.0      0.0
  0.0    916.9    907.4    896.1    871.7    846.3    826.0    809.6    797.1    787.6
778.9    770.2    762.3    756.0    750.8    746.9    744.3    742.2    740.7    739.6
738.5    737.4    736.4    735.6    734.8    734.0    733.2    732.3    731.5    730.6
729.7    728.8    727.9    726.7    725.2    723.6    721.9    719.9    717.7    715.0
712.8    711.2    709.5    707.5    705.4    702.7    699.5    697.0    695.9    696.9
699.3    702.7    706.6    710.0    713.4    716.2    717.8    718.0    716.5    713.9
711.8    709.9    708.2    706.9    706.0      0.0      0.0      0.0      0.0
  0.0    911.6    902.2    891.0    868.0    843.3    823.4    806.9    794.8    785.9
777.9    769.9    762.9    757.0    751.7    747.5    744.5    743.0    741.9    740.8
739.9    738.8    737.9    737.1    736.3    735.4    734.6    733.7    732.9    732.0
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731.1	730.1	729.2	728.0	726.4	724.7	722.9	720.9	718.7	716.0
713.7	712.2	710.6	708.8	706.9	704.6	701.9	699.9	699.0	699.5
701.1	703.7	706.7	709.6	712.6	715.1	716.4	716.3	714.4	711.6
709.3	707.4	705.8	704.6	703.8	0.0	0.0	0.0	0.0	
0.0	906.5	897.3	886.1	864.2	840.1	820.4	804.1	792.5	784.2
777.0	769.8	763.5	758.2	753.1	749.1	746.3	744.7	743.5	742.5
741.5	740.5	739.5	738.7	737.9	737.1	736.2	735.3	734.5	733.5
732.6	731.7	730.7	729.5	727.9	726.2	724.3	722.3	720.1	717.5
715.3	713.9	712.4	710.8	709.2	707.2	705.1	703.5	702.7	702.8
703.7	705.4	707.6	709.8	712.3	714.3	715.2	714.8	712.6	709.5
707.2	705.3	703.7	702.6	701.8	0.0	0.0	0.0	0.0	
0.0	901.7	893.2	881.3	860.3	836.7	817.3	801.1	790.0	782.6
776.3	769.9	764.2	759.4	754.7	751.0	748.5	746.7	745.5	744.4
743.4	742.4	741.4	740.6	739.7	738.9	738.0	737.2	736.2	735.3
734.4	733.5	732.5	731.2	729.6	727.9	726.0	724.0	721.8	719.4
717.3	716.0	714.6	713.1	711.7	710.0	708.2	706.8	706.1	705.9
706.4	707.4	708.9	710.5	712.3	713.8	714.4	713.5	711.1	708.1
705.8	704.0	702.3	701.0	700.1	0.0	0.0	0.0	0.0	
0.0	897.1	889.1	876.8	856.4	833.3	814.0	798.0	787.4	780.9
775.7	770.2	765.2	760.8	756.5	753.1	750.7	749.0	747.6	746.5
745.5	744.4	743.4	742.6	741.8	740.9	740.1	739.2	738.3	737.4
736.4	735.5	734.5	733.2	731.5	729.8	728.0	726.0	723.7	721.5
719.7	718.3	716.9	715.6	714.2	712.7	711.0	709.8	709.0	708.7
708.8	709.4	710.4	711.5	712.7	713.7	713.8	712.7	710.1	707.2
705.1	703.3	701.5	699.9	698.6	0.0	0.0	0.0	0.0	
0.0	892.8	884.8	872.5	852.5	829.9	810.8	795.0	784.7	779.4
775.3	770.8	766.5	762.5	758.7	755.5	753.3	751.5	750.0	748.8
747.7	746.6	745.7	744.9	744.0	743.2	742.3	741.4	740.5	739.6
738.7	737.7	736.7	735.4	733.8	732.0	730.1	728.0	725.9	723.8
722.1	720.6	719.2	717.9	716.6	715.0	713.5	712.3	711.5	711.1
711.1	711.3	711.9	712.6	713.4	713.9	713.6	712.2	709.7	707.0
705.1	703.3	701.5	699.8	697.6	0.0	0.0	0.0	0.0	
0.0	887.8	879.5	867.4	847.8	825.8	807.2	791.8	781.5	778.0
775.5	772.1	768.5	765.0	761.6	758.9	756.8	755.0	753.3	751.9
750.8	749.7	748.7	747.9	747.1	746.3	745.4	744.5	743.6	742.7
741.8	740.8	739.8	738.5	736.8	735.0	733.0	730.9	728.9	726.8
724.9	723.5	722.0	720.6	719.2	717.7	716.1	715.0	714.2	713.8
713.6	713.7	713.9	714.2	714.5	714.4	713.7	712.2	709.8	707.5
705.8	704.4	703.1	702.3	0.0	0.0	0.0	0.0	0.0	
0.0	882.6	873.1	861.6	842.4	821.6	804.7	790.5	781.1	778.3
777.4	775.0	771.9	768.9	765.8	763.3	761.2	759.4	757.6	756.2
755.0	753.8	752.9	752.1	751.3	750.5	749.7	748.8	748.0	747.0
746.2	745.2	744.2	742.8	740.9	739.0	737.2	735.0	732.8	730.5
728.5	726.9	725.3	723.7	722.1	720.4	718.7	717.5	716.9	716.6
716.5	716.5	716.5	716.5	716.3	715.8	714.7	713.0	710.8	708.7
707.2	706.0	705.0	704.1	0.0	0.0	0.0	0.0	0.0	
0.0	878.0	867.4	856.5	837.4	818.0	803.2	791.7	784.5	782.5
781.5	779.4	776.6	773.9	770.9	768.3	766.3	764.5	762.7	761.2
759.9	758.8	757.8	757.0	756.2	755.4	754.6	753.7	752.8	751.7
750.7	749.8	748.8	747.4	745.6	743.5	741.5	739.3	737.1	734.7
732.6	730.8	729.0	727.2	725.5	723.4	721.4	720.4	720.0	719.9
719.8	719.8	719.7	719.4	718.9	717.8	716.4	714.6	712.4	710.5
709.2	708.2	707.2	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	874.6	863.3	852.0	832.9	814.8	802.3	794.0	789.3	788.1

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787.1   785.0   782.3   779.8   776.9   774.1   772.1   770.2   768.4   766.8
765.5   764.3   763.4   762.5   761.6   760.6   759.7   758.8   757.9   756.8
755.7   754.5   753.4   751.9   750.1   748.2   746.2   744.1   741.9   739.6
737.6   735.9   734.3   732.6   731.0   729.1   727.2   725.9   725.1   724.7
724.4   724.0   723.6   723.0   722.0   720.6   718.8   716.7   714.5   712.7
711.7   711.2     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0   871.7   860.1   847.5   828.0   811.5   802.1   797.5   796.2   795.8
795.0   793.0   789.7   786.9   784.3   781.6   779.4   777.4   775.5   773.8
772.4   770.8   769.6   768.8   767.8   766.8   765.8   764.7   763.6   762.5
761.4   760.3   759.1   757.6   755.8   753.9   752.0   750.0   747.9   745.8
744.0   742.6   741.2   739.8   738.4   736.8   735.0   733.6   732.4   731.5
730.7   729.8   728.8   727.7   726.3   724.3   722.2   719.8   717.3   715.4
714.3   713.6   713.3   713.0     0.0     0.0     0.0     0.0     0.0
  0.0   869.2   856.8   842.3   822.3   807.8   801.4   802.3   804.1   805.0
804.4   801.9   798.3   794.7   791.6   789.3   787.3   785.3   783.3   781.5
780.0   778.4   776.9   775.8   774.7   773.7   772.6   771.5   770.3   769.2
768.0   766.9   765.7   764.2   762.3   760.5   758.6   756.7   754.8   752.9
751.3   750.0   748.8   747.5   746.3   744.8   743.2   741.7   740.3   739.0
737.8   736.5   735.0   733.5   731.6   729.2   726.7   724.0   721.2   718.9
717.5   716.4   715.5   714.8   714.2   713.7   713.4     0.0     0.0
  0.0   866.8   852.4   836.3   817.1   804.3   800.1   807.5   810.9   812.5
812.1   809.0   805.2   801.9   798.6   796.0   794.0   791.9   789.8   788.0
786.5   784.9   783.5   782.4   781.3   780.2   779.1   778.0   776.8   775.6
774.5   773.3   772.1   770.6   768.7   766.9   765.0   763.2   761.3   759.5
758.0   756.8   755.6   754.5   753.3   751.9   750.2   748.7   747.2   745.7
744.3   742.8   740.9   739.0   736.9   734.3   731.7   728.9   725.8   723.4
721.8   720.5   719.3   718.3   717.2   716.3   715.7   715.5     0.0
  0.0   864.2   847.2   830.1   811.1   806.5   806.3   813.5   817.6   819.2
818.8   815.5   811.7   808.4   805.1   802.5   800.4   798.3   796.2   794.3
792.7   791.1   789.7   788.6   787.4   786.3   785.2   784.0   782.8   781.6
780.4   779.2   778.0   776.5   774.6   772.8   771.0   769.1   767.3   765.6
764.1   762.9   761.8   760.6   759.4   758.0   756.3   754.7   753.2   751.6
750.2   748.5   746.7   744.5   741.9   739.2   736.4   733.8   730.7   728.1
726.4   725.0   723.7   722.5   721.3   720.0   719.0   718.2     0.0
  0.0   862.9   841.6   825.8   809.0   812.0   815.2   820.7   824.2   825.8
824.9   821.4   817.6   814.4   811.1   808.4   806.3   804.1   802.0   800.1
798.4   796.7   795.3   794.2   793.0   791.9   790.7   789.5   788.3   787.1
785.9   784.7   783.5   781.9   780.1   778.2   776.4   774.6   772.8   771.0
769.6   768.4   767.2   766.1   764.9   763.5   761.8   760.1   758.5   756.8
755.3   753.5   751.4   749.4   746.7   743.7   740.8   738.0   735.2   732.6
731.0   729.6   728.3   727.1   725.8   724.5   723.3   722.3     0.0
  0.0   851.0   836.3   825.4   816.5   820.0   824.2   828.1   830.8   831.2
829.7   826.3   822.7   819.8   816.7   813.9   811.7   809.5   807.3   805.4
803.7   802.0   800.5   799.4   798.2   797.0   795.8   794.6   793.4   792.2
791.0   789.8   788.5   787.0   785.1   783.3   781.5   779.6   777.8   776.0
774.5   773.3   772.2   771.0   769.8   768.3   766.6   764.9   763.2   761.5
759.8   757.9   755.8   753.6   750.9   747.7   745.0   742.0   739.1   736.8
735.2   734.0   732.8   731.6   730.4   729.2   728.2   727.4     0.0
  0.0   846.0   833.0   828.8   827.8   830.6   834.7   837.8   838.3   837.2
834.8   831.5   828.0   825.2   822.6   820.2   817.9   815.7   813.5   811.5
809.8   808.0   806.5   805.3   804.1   802.9   801.7   800.5   799.2   798.0
796.8   795.5   794.3   792.7   790.8   789.0   787.1   785.2   783.4   781.5
780.0   778.7   777.5   776.3   775.1   773.6   771.8   770.0   768.2   766.5
764.8   762.7   760.4   758.0   755.3   752.4   749.6   746.6   743.6   741.3
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 739.9   738.7   737.6   736.7   735.6   734.6   733.9   733.3     0.0
   0.0   841.0   833.2   839.8   845.5   842.7   844.1   845.6   844.2   842.2
 839.7   836.7   833.4   830.5   827.8   825.4   823.4   821.4   819.3   817.4
 815.9   814.2   812.5   811.2   810.0   808.7   807.4   806.1   804.8   803.5
 802.3   801.0   799.7   798.1   796.2   794.2   792.3   790.3   788.4   786.5
 784.9   783.6   782.4   781.1   779.9   778.3   776.5   774.6   772.8   771.0
 769.2   767.0   764.5   762.2   759.6   756.5   753.7   750.7   747.7   745.5
 744.2   743.1   742.1   741.2   740.3   739.4   738.8   738.3     0.0
   0.0   836.0   831.8   842.0   853.2   849.3   849.7   848.9   847.6   846.0
 843.7   840.9   837.7   834.7   832.0   829.6   827.5   825.4   823.2   821.3
 819.6   817.9   816.5   815.4   814.3   813.2   811.9   810.5   809.1   807.7
 806.3   805.0   803.6   801.9   799.9   797.9   795.9   793.9   792.0   790.0
 788.3   787.0   785.7   784.4   783.1   781.5   779.6   777.7   775.8   773.9
 771.9   769.8   767.6   765.4   762.6   759.4   756.4   753.7   750.9   748.7
 747.3   746.3   745.4   744.6   743.7   743.0   742.4   741.9     0.0
   0.0   836.0   828.5   840.2   851.0   851.2   852.5   853.1   851.0   849.0
 846.6   843.6   840.4   837.8   835.0   832.5   830.4   828.2   826.0   824.0
 822.2   820.4   818.9   817.7   816.5   815.3   814.1   812.9   811.7   810.5
 809.2   807.7   806.2   804.4   802.3   800.2   798.2   796.2   794.1   792.1
 790.5   789.1   787.8   786.5   785.1   783.5   781.5   779.4   777.4   775.8
 774.0   772.0   769.7   767.4   764.7   761.5   758.7   755.7   753.0   751.0
 749.8   748.9   748.0   747.3   746.5   745.7   745.1   744.5     0.0
   0.0   836.0   823.0   837.9   848.6   851.7   853.2   853.5   851.9   850.3
 848.1   845.1   841.9   839.3   836.5   834.0   831.8   829.7   827.4   825.3
 823.5   821.7   820.2   818.9   817.7   816.4   815.2   813.9   812.7   811.5
 810.3   809.1   807.7   805.8   803.6   801.5   799.4   797.3   795.2   793.2
 791.5   790.1   788.7   787.2   785.7   784.1   782.4   780.6   778.8   777.0
 775.2   773.1   770.8   768.5   765.8   762.7   759.9   757.0   754.3   752.4
 751.3   750.4   749.7   749.0   748.3   747.8   747.5   744.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
        5       1.0            (10F8.1)          8           START HEAD   8
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0     0.0     0.0   926.7   935.0   935.0   932.0   942.4
 944.1   937.7   927.0   918.3   903.9   883.8   900.0   905.5   910.1   913.1
 914.9   915.7   916.1   916.4   916.5   916.6   916.6   916.5   916.3   916.0
 915.8   915.5   914.9   911.2   906.9   903.6   900.9   898.6   896.7   895.2
 894.1   893.3   892.5   891.8   891.1   890.2   889.3   888.5   887.9   887.5
 887.2   887.3   887.7   889.4   892.8   895.9   894.1   891.5   889.6   888.0
 887.3   886.2   883.3   879.3   873.4   865.2   861.0   745.0     0.0
   0.0     0.0     0.0     0.0     0.0   886.3   890.8   895.2   902.5   912.9
 924.7   924.5   903.1   886.5   873.7   875.2   882.8   889.0   892.8   895.1
 897.2   899.0   899.9   900.5   901.0   901.4   901.7   901.9   902.0   902.0
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901.8    901.5    901.2    900.6    900.0    899.3    898.6    897.5    896.0    894.4
892.8    891.7    890.7    889.9    889.2    888.2    888.1    888.2    888.4    888.6
888.9    889.4    890.4    892.5    894.9    896.3    894.0    890.7    885.4    875.3
868.1    860.2    850.5    838.7    823.6    798.8    771.7    762.2      0.0
  0.0      0.0      0.0    941.0    926.4    916.6    906.1    893.6    884.6    884.0
882.2    876.6    868.6    862.2    858.6    858.2    858.9    860.1    861.5    862.7
863.7    864.6    865.3    865.9    866.5    867.0    867.5    868.0    868.4    868.8
869.1    869.4    869.7    869.9    870.0    870.0    869.8    869.5    869.1    868.7
868.2    867.8    867.5    867.1    866.8    866.4    866.1    865.9    865.7    865.5
865.3    865.2    865.7    866.3    866.8    866.4    864.8    862.0    858.4    854.8
852.1    849.8    847.4    845.2    843.0    841.2      0.0      0.0      0.0
  0.0      0.0    998.0    957.2    935.7    920.5    910.1    894.5    874.2    868.9
861.9    852.5    844.2    837.7    833.3    832.5    832.2    832.2    832.3    832.5
832.7    833.1    833.5    834.0    834.5    835.2    835.9    836.7    837.5    838.3
839.1    839.9    840.6    841.4    842.3    843.0    843.6    844.0    844.3    844.5
844.7    844.7    844.8    844.8    844.9    845.0    845.2    845.4    845.7    846.0
846.1    846.3    846.5    846.5    846.5    845.9    844.8    843.2    841.3    839.8
838.8    838.0    837.4    836.8    836.3    835.9      0.0      0.0      0.0
  0.0      0.0   1000.7    964.7    934.8    914.9    900.0    886.6    873.9    865.0
854.8    842.5    828.6    818.5    813.3    811.2    810.2    809.3    808.5    808.0
807.6    807.6    808.1    808.7    809.5    810.5    811.8    813.0    814.4    815.8
817.1    818.3    819.5    820.8    822.1    823.3    824.2    825.0    825.7    826.3
826.8    827.1    827.4    827.7    828.0    828.3    828.6    828.9    828.9    829.2
829.7    830.9    831.5    831.9    832.1    832.0    831.4    830.5    829.6    828.9
828.4    828.0    827.6    827.2    826.9    826.6      0.0      0.0      0.0
  0.0      0.0   1001.5    964.9    932.2    911.0    895.7    882.9    871.2    861.0
849.6    835.8    821.5    812.1    804.0    797.9    793.5    790.5    788.4    786.6
785.2    784.4    785.1    786.1    787.5    789.2    791.1    792.9    794.8    796.7
798.6    800.3    801.9    803.6    805.3    806.8    808.2    809.3    810.4    811.4
812.2    812.8    813.3    813.8    814.3    814.8    815.4    816.0    816.5    816.9
817.4    817.9    818.8    819.5    820.0    820.2    820.0    819.6    819.2    818.6
818.2    817.8    817.4    817.0    816.6    815.9      0.0      0.0      0.0
  0.0      0.0    999.6    962.5    929.6    908.0    892.3    878.7    866.3    854.9
842.7    828.8    816.2    805.6    795.7    788.1    782.1    777.0    773.0    770.9
769.6    769.0    769.3    769.9    770.9    772.3    774.1    775.8    777.4    778.9
780.7    782.6    784.3    786.3    788.4    790.3    792.1    793.8    795.4    796.8
797.9    798.7    799.5    800.2    800.9    801.7    802.5    803.3    804.0    804.6
805.1    805.5    806.3    807.0    807.7    808.2    808.6    808.4    808.0    807.5
807.0    806.5    805.8    804.9    803.8    802.7      0.0      0.0      0.0
  0.0      0.0    992.5    956.7    926.8    905.0    888.9    874.0    860.5    848.7
836.2    822.3    809.3    798.1    787.6    778.3    771.6    766.8    762.6    759.6
757.5    756.0    755.2    755.0    755.3    756.2    757.5    759.3    761.2    763.2
765.1    767.1    769.0    771.1    773.5    775.8    778.0    779.9    781.7    783.4
784.6    785.6    786.5    787.3    788.1    789.0    790.1    791.0    791.9    792.6
793.2    793.8    794.2    794.7    795.3    795.8    796.4    796.4    796.2    796.0
795.8    795.5    795.1    794.5    793.8    793.0      0.0      0.0      0.0
  0.0      0.0    982.4    952.3    923.9    902.1    885.7    869.4    854.8    843.2
830.5    816.1    802.5    791.1    778.2    767.6    762.1    757.2    752.7    749.3
746.5    743.9    742.2    741.4    741.4    741.8    743.3    745.1    747.1    749.0
751.2    753.8    756.6    759.5    762.2    764.7    767.0    769.1    771.0    772.7
774.0    775.0    775.9    776.8    777.7    778.6    779.7    780.7    781.5    782.3
783.0    783.7    784.5    785.2    785.8    786.3    786.0    785.9    785.7    785.8
786.0    786.2    786.6    787.0    787.9    788.6    789.5      0.0      0.0
  0.0      0.0    974.3    948.6    921.1    899.4    882.3    864.6    850.0    838.2
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825.4    810.6    796.5    783.9    770.2    759.9    753.7    749.0    744.7    741.7
739.2    737.0    735.4    734.2    733.8    734.4    735.7    737.5    739.6    741.8
744.2    746.8    749.2    751.5    754.2    756.6    758.8    760.8    762.7    764.3
765.6    766.6    767.5    768.4    769.2    770.1    771.2    772.1    772.9    773.7
774.4    775.3    776.2    777.0    777.8    778.3    778.4    778.2    778.0    778.0
778.3    778.9    779.8    781.4    784.1    785.6      0.0      0.0      0.0
  0.0      0.0    968.4    944.9    918.2    896.3    877.8    859.5    845.1    833.1
819.9    805.0    790.7    777.9    764.8    756.1    750.2    745.3    740.9    737.5
734.7    731.8    729.5    727.8    726.1    726.8    728.8    731.1    733.5    735.9
738.3    740.7    743.1    745.5    747.6    749.7    751.7    753.5    755.2    756.7
757.9    758.8    759.6    760.4    761.2    762.1    763.0    764.0    764.8    765.6
766.4    767.3    768.3    769.1    770.0    770.5    770.5    770.0    769.4    769.0
769.0    769.3    770.4    772.6      0.0      0.0      0.0      0.0      0.0
  0.0      0.0    964.6    941.9    915.6    892.7    873.2    855.3    840.9    828.6
815.0    800.0    785.9    773.7    762.0    753.9    748.3    743.3    739.0    735.8
732.6    729.5    727.4    726.0    725.3    725.9    727.2    728.8    730.6    732.5
734.5    736.4    738.3    740.7    742.8    744.6    746.3    747.9    749.4    750.8
751.9    752.7    753.5    754.2    754.9    755.7    756.7    757.5    758.3    759.1
759.8    760.8    761.8    762.7    763.5    764.0    763.8    763.1    761.9    760.5
759.7    759.1    758.9      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0    961.8    939.5    913.4    889.1    869.6    852.0    837.4    824.8
810.8    795.8    782.2    770.7    760.0    752.3    746.8    741.9    737.6    733.9
730.7    728.2    726.6    725.8    725.4    725.7    726.4    727.5    728.9    730.4
731.9    733.5    735.0    736.9    739.0    740.7    742.2    743.7    745.1    746.4
747.4    748.1    748.8    749.5    750.2    751.0    751.8    752.6    753.3    754.0
754.7    755.7    756.8    757.7    758.5    758.9    758.7    757.7    755.9    753.7
752.0    750.7    749.7      0.0      0.0      0.0      0.0      0.0      0.0
  0.0      0.0    959.2    937.2    911.0    885.4    865.9    848.6    833.8    820.8
806.5    791.7    778.7    768.0    757.8    750.5    745.3    739.9    735.1    731.4
728.7    726.6    725.3    724.7    724.4    724.6    725.1    726.0    727.0    728.1
729.4    730.7    732.0    733.5    735.3    736.9    738.3    739.7    740.9    742.1
743.0    743.7    744.4    745.0    745.7    746.4    747.2    747.9    748.5    749.1
749.8    750.8    751.9    752.8    753.7    754.0    753.7    752.5    750.3    747.4
744.9    742.4    739.3    734.9      0.0      0.0      0.0      0.0      0.0
  0.0      0.0    957.0    935.2    908.9    881.9    862.7    845.5    830.4    817.1
802.8    788.4    776.0    765.7    755.9    748.7    743.0    737.5    732.8    729.2
726.6    724.5    723.3    722.8    722.6    722.8    723.3    724.0    724.9    725.9
727.0    728.2    729.3    730.7    732.3    733.7    735.0    736.3    737.4    738.5
739.4    740.0    740.7    741.2    741.8    742.5    743.3    744.0    744.7    745.3
746.0    746.8    747.9    748.7    749.6    749.9    749.5    748.2    745.8    742.6
739.8    736.9    733.6    729.9    725.8      0.0      0.0      0.0      0.0
  0.0      0.0    955.1    933.6    906.8    878.7    859.9    842.8    827.5    813.9
799.7    785.7    773.7    763.8    753.7    746.3    740.6    735.5    730.8    727.2
724.4    722.3    721.1    720.6    720.4    720.7    721.2    722.0    722.9    724.0
725.0    726.0    727.1    728.4    729.8    731.1    732.3    733.5    734.5    735.5
736.3    736.9    737.5    738.1    738.6    739.3    740.1    740.8    741.5    742.1
742.8    743.6    744.6    745.4    746.2    746.5    746.0    744.7    742.3    739.1
736.2    733.3    730.2    727.1    724.7      0.0      0.0      0.0      0.0
  0.0      0.0    953.1    931.7    904.2    875.6    857.1    840.0    824.3    810.7
796.9    783.2    771.6    761.3    751.1    743.8    738.4    733.4    728.8    724.9
722.0    719.6    718.4    718.1    718.3    718.7    719.3    720.1    721.0    722.0
723.0    724.0    725.0    726.1    727.4    728.5    729.6    730.7    731.6    732.5
733.3    733.9    734.4    735.0    735.5    736.1    736.9    737.6    738.3    739.0
739.7    740.5    741.4    742.1    742.9    743.2    742.7    741.5    739.2    736.2
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```
733.5    730.8    727.5    724.7    723.6      0.0      0.0      0.0      0.0
  0.0      0.0    950.9    929.5    901.6    872.5    854.3    837.1    821.1    807.7
794.3    780.8    769.4    758.5    748.6    741.5    736.3    731.4    726.7    722.7
719.4    716.8    715.9    715.9    716.4    717.0    717.8    718.5    719.4    720.3
721.2    722.0    722.9    723.9    725.0    726.0    727.0    727.9    728.8    729.6
730.3    730.8    731.4    731.9    732.4    733.0    733.7    734.5    735.2    735.9
736.6    737.4    738.3    739.0    739.7    740.0    739.6    738.5    736.5    733.9
731.1    728.2    725.3    723.7    722.8      0.0      0.0      0.0      0.0
  0.0      0.0    948.6    927.2    899.0    869.4    851.4    834.0    818.0    804.9
791.8    778.7    766.6    755.8    746.2    739.1    734.0    729.3    724.8    720.7
717.3    714.6    714.1    714.4    715.0    715.7    716.4    717.2    717.9    718.7
719.5    720.2    720.9    721.7    722.7    723.5    724.3    725.1    725.9    726.7
727.3    727.8    728.3    728.8    729.3    729.8    730.6    731.3    732.0    732.7
733.5    734.3    735.2    735.9    736.6    737.0    736.7    735.8    734.1    731.5
728.6    726.1    724.2    723.0    722.2      0.0      0.0      0.0      0.0
  0.0      0.0    946.0    925.2    896.4    866.4    848.4    830.8    815.0    802.2
789.6    776.0    763.5    753.3    743.6    736.4    731.7    727.4    723.2    719.5
716.5    714.4    714.0    714.1    714.5    715.0    715.5    716.1    716.7    717.3
717.9    718.4    719.0    719.6    720.4    721.1    721.7    722.4    723.0    723.8
724.4    724.9    725.3    725.7    726.2    726.7    727.4    728.1    728.8    729.6
730.3    731.2    732.1    732.9    733.7    734.2    734.0    733.3    731.9    729.1
726.5    724.7    723.3    722.2    721.4      0.0      0.0      0.0      0.0
  0.0      0.0    943.8    923.5    894.3    863.8    845.8    828.1    812.6    800.2
787.7    773.7    761.5    751.2    741.3    734.0    729.6    725.8    722.0    719.0
716.8    715.1    714.5    714.4    714.7    715.0    715.3    715.7    716.0    716.4
716.8    717.3    717.7    718.2    718.7    719.2    719.7    720.2    720.8    721.5
722.0    722.4    722.8    723.2    723.6    724.1    724.7    725.4    726.1    726.9
727.7    728.6    729.5    730.4    731.3    731.9    731.9    731.3    730.0    727.3
725.1    723.7    722.4    721.4    720.6      0.0      0.0      0.0      0.0
  0.0      0.0    942.1    922.1    892.6    861.8    843.7    826.0    810.8    798.7
786.3    772.1    759.9    749.6    739.5    731.9    728.0    724.7    721.4    719.0
717.0    715.5    714.8    714.6    714.7    715.0    715.2    715.5    715.8    716.0
716.3    716.6    717.0    717.4    717.8    718.2    718.5    718.9    719.3    719.7
720.2    720.5    720.8    721.2    721.5    722.0    722.6    723.2    724.0    724.7
725.5    726.5    727.5    728.5    729.5    730.2    730.3    729.8    728.2    725.9
724.2    722.9    721.7    720.6    719.8      0.0      0.0      0.0      0.0
  0.0      0.0    940.3    920.8    890.9    859.8    841.5    823.9    809.1    797.3
784.5    770.5    758.5    748.1    737.7    729.7    726.5    723.7    721.1    719.0
717.4    716.0    715.3    715.0    714.9    715.0    715.1    715.3    715.5    715.7
715.9    716.2    716.4    716.7    717.1    717.3    717.6    717.7    717.8    718.0
718.4    718.7    718.9    719.2    719.5    719.9    720.4    721.1    721.8    722.5
723.3    724.3    725.5    726.5    727.6    728.5    728.7    728.3    726.7    724.8
723.3    722.1    720.9    719.8    718.9      0.0      0.0      0.0      0.0
  0.0      0.0    938.7    919.5    889.2    857.8    839.3    821.9    807.5    795.8
782.7    769.0    757.0    746.6    736.1    727.8    725.3    723.0    721.0    719.2
717.8    716.6    715.8    715.4    715.2    715.1    715.1    715.1    715.2    715.2
715.4    715.5    715.8    716.0    716.3    716.5    716.6    716.6    716.5    716.4
716.6    716.8    717.0    717.2    717.5    717.8    718.3    718.8    719.5    720.3
721.2    722.2    723.4    724.5    725.8    726.8    727.2    726.9    725.6    723.9
722.5    721.3    720.0    718.9    717.9      0.0      0.0      0.0      0.0
  0.0    952.0    936.9    918.2    887.6    855.8    837.0    820.0    805.9    794.5
781.0    767.7    755.7    745.2    734.8    727.0    724.5    722.7    720.9    719.4
718.2    717.1    716.4    715.9    715.5    715.3    715.1    715.0    714.9    714.8
714.8    714.9    715.0    715.3    715.5    715.7    715.7    715.5    715.3    715.1
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715.0   715.1   715.2   715.3   715.5   715.7   716.1   716.6   717.3   718.0
718.9   720.0   721.3   722.6   724.0   725.2   725.8   725.6   724.5   722.9
721.6   720.4   719.2   718.0   716.6   714.5     0.0     0.0     0.0
  0.0   952.0   934.7   916.9   885.9   853.9   834.8   818.2   804.5   792.8
779.5   766.4   754.4   743.7   734.0   726.8   724.1   722.6   721.0   719.7
718.6   717.7   717.0   716.4   715.9   715.5   715.2   715.0   714.8   714.6
714.4   714.4   714.4   714.5   714.7   714.8   714.7   714.6   714.3   713.8
713.6   713.5   713.5   713.5   713.5   713.7   713.9   714.4   715.0   715.7
716.7   717.8   719.3   720.7   722.2   723.6   724.3   724.3   723.4   722.0
720.8   719.5   718.3   717.0   715.7   714.2     0.0     0.0     0.0
  0.0   951.5   932.4   915.7   884.3   852.0   832.6   816.4   803.1   791.0
778.1   765.2   753.1   742.5   733.5   727.1   724.2   722.7   721.3   720.0
719.1   718.1   717.4   716.9   716.3   715.8   715.4   715.1   714.7   714.4
714.1   714.0   714.0   713.9   714.0   714.0   713.9   713.6   713.2   712.7
712.3   712.0   711.8   711.7   711.6   711.6   711.7   712.0   712.6   713.4
714.3   715.6   717.2   718.7   720.5   722.1   723.0   723.1   722.4   721.1
719.9   718.7   717.4   716.2   714.9   713.7     0.0     0.0     0.0
  0.0   949.5   930.1   914.3   882.7   850.3   830.6   814.8   801.7   789.5
776.9   764.1   751.9   741.5   733.3   727.5   724.5   722.9   721.6   720.4
719.5   718.6   717.9   717.3   716.7   716.2   715.6   715.2   714.7   714.3
714.0   713.7   713.6   713.5   713.4   713.3   713.1   712.7   712.2   711.6
711.1   710.8   710.4   710.0   709.8   709.5   709.5   709.7   710.2   710.9
712.0   713.3   715.1   716.8   718.8   720.5   721.6   722.0   721.4   720.2
719.0   717.8   716.6   715.4   714.1   713.1     0.0     0.0     0.0
  0.0   946.8   927.9   913.0   881.0   848.8   828.7   813.2   800.4   788.1
775.7   763.1   750.9   740.9   733.2   727.8   725.0   723.3   722.0   720.9
720.0   719.1   718.4   717.8   717.2   716.5   716.0   715.4   714.9   714.5
714.0   713.7   713.4   713.2   713.0   712.7   712.3   711.8   711.2   710.6
710.1   709.6   709.0   708.3   707.9   707.4   707.2   707.2   707.6   708.4
709.5   711.0   713.0   714.9   717.1   719.1   720.3   720.8   720.4   719.2
718.1   717.0   715.8   714.6   713.3   712.4     0.0     0.0     0.0
  0.0   943.8   925.7   911.5   879.4   847.4   827.0   811.8   799.1   786.8
774.7   762.2   750.0   740.4   733.2   728.1   725.5   723.9   722.4   721.2
720.5   719.6   718.9   718.2   717.6   717.0   716.3   715.8   715.2   714.7
714.2   713.8   713.4   713.0   712.6   712.2   711.6   711.0   710.3   709.6
709.0   708.2   707.3   706.6   706.0   705.3   704.8   704.7   705.0   705.8
707.0   708.7   710.8   713.0   715.4   717.6   719.1   719.7   719.4   718.3
717.2   716.1   714.9   713.8   712.6   711.8     0.0     0.0     0.0
  0.0   939.8   923.0   909.5   877.3   845.9   825.2   810.2   797.2   785.2
773.5   761.2   749.2   739.8   733.2   728.4   726.1   724.5   723.1   721.9
721.2   720.4   719.6   718.8   718.2   717.5   716.9   716.2   715.6   715.1
714.5   714.0   713.5   712.9   712.3   711.6   710.8   710.0   709.2   708.3
707.3   706.3   705.3   704.4   703.5   702.6   701.7   701.3   701.5   702.4
703.7   705.7   708.2   710.7   713.4   715.9   717.6   718.3   718.2   717.1
716.1   715.0   713.9   712.8   711.7   710.9     0.0     0.0     0.0
  0.0   935.0   919.8   906.8   874.7   844.2   823.5   808.3   795.0   783.5
772.2   760.3   748.6   739.5   733.5   728.9   726.9   725.3   723.9   722.8
721.9   721.2   720.4   719.6   718.9   718.2   717.5   716.9   716.2   715.6
715.0   714.4   713.8   713.0   712.1   711.2   710.2   709.2   708.1   706.8
705.4   704.3   703.1   701.9   700.7   699.3   697.9   697.1   697.1   698.0
699.7   702.1   705.1   708.0   711.1   714.0   715.8   716.8   716.7   715.7
714.7   713.7   712.6   711.5   710.5   710.0     0.0     0.0     0.0
  0.0   930.4   916.8   903.7   872.0   842.4   822.0   806.6   793.2   782.1
771.2   759.7   748.6   740.0   734.2   729.9   727.8   726.2   724.8   723.6
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722.7	721.9	721.1	720.3	719.6	718.9	718.2	717.5	716.9	716.2
715.5	714.8	714.1	713.3	712.1	711.0	709.9	708.6	707.1	705.5
703.9	702.5	701.0	699.5	698.0	696.0	694.0	692.6	692.3	693.5
695.6	698.6	702.2	705.5	709.0	712.2	714.2	715.3	715.3	714.3
713.3	712.3	711.2	710.3	709.4	709.1	0.0	0.0	0.0	
0.0	925.8	913.2	900.2	869.2	840.7	820.6	804.9	791.6	780.8
770.3	759.3	748.9	740.9	735.2	731.1	728.7	727.0	725.6	724.5
723.5	722.6	721.8	721.0	720.3	719.6	718.9	718.2	717.5	716.8
716.1	715.4	714.6	713.7	712.3	711.0	709.7	708.2	706.5	704.5
702.7	701.1	699.4	697.5	695.6	693.1	690.3	688.1	687.5	688.9
691.7	695.5	699.7	703.3	707.2	710.5	712.8	713.9	713.8	712.8
711.8	710.8	709.8	709.0	708.3	708.5	0.0	0.0	0.0	
0.0	921.3	909.3	896.8	866.5	838.9	819.2	803.3	790.1	779.7
769.5	759.2	749.4	741.9	736.2	732.1	729.7	727.9	726.5	725.3
724.3	723.3	722.4	721.8	721.1	720.4	719.7	719.0	718.3	717.6
716.8	716.0	715.2	714.2	712.8	711.3	709.7	707.9	706.0	703.9
701.9	700.1	698.2	696.1	693.9	690.9	687.3	684.2	683.0	685.0
688.5	692.9	697.6	701.6	705.7	709.2	711.4	712.6	712.5	711.4
710.4	709.4	708.4	707.6	707.0	0.0	0.0	0.0	0.0	
0.0	916.8	905.5	893.3	863.8	837.0	817.6	801.6	788.7	778.6
768.9	759.1	750.0	742.8	737.3	733.1	730.5	728.6	727.3	726.2
725.2	724.1	723.2	722.6	722.0	721.3	720.6	719.9	719.2	718.4
717.6	716.8	715.9	714.8	713.4	711.8	710.1	708.2	705.9	703.5
701.4	699.6	697.6	695.5	693.1	690.0	686.0	682.4	680.5	682.9
686.7	691.5	696.3	700.3	704.5	708.0	710.3	711.3	711.2	710.0
709.0	708.0	707.0	706.2	705.7	0.0	0.0	0.0	0.0	
0.0	911.6	901.0	888.3	860.7	834.8	815.7	799.7	787.0	777.4
768.3	759.2	750.8	743.9	738.3	734.0	731.2	729.5	728.3	727.3
726.4	725.4	724.6	723.9	723.2	722.5	721.8	721.0	720.3	719.5
718.6	717.8	716.9	715.7	714.2	712.6	710.8	708.7	706.4	703.7
701.3	699.7	697.8	695.7	693.4	690.4	686.7	683.6	682.2	683.8
687.0	691.2	695.7	699.5	703.5	706.9	709.1	710.1	709.7	708.5
707.4	706.3	705.4	704.7	704.2	0.0	0.0	0.0	0.0	
0.0	906.0	895.4	882.9	857.1	832.1	813.3	797.4	785.2	776.1
767.8	759.4	751.9	745.6	739.8	734.9	731.3	730.4	729.7	728.9
728.1	727.1	726.3	725.6	724.9	724.1	723.3	722.5	721.7	720.9
720.0	719.1	718.2	717.0	715.4	713.7	711.8	709.8	707.4	704.7
702.3	700.8	699.0	697.1	695.2	692.6	689.8	687.6	686.6	687.5
689.5	692.6	696.2	699.5	703.0	706.1	708.0	708.8	708.3	706.9
705.7	704.6	703.7	703.0	702.6	0.0	0.0	0.0	0.0	
0.0	900.6	890.0	877.8	853.4	829.2	810.7	795.0	783.3	774.9
767.4	759.8	753.0	747.2	741.7	737.2	734.2	732.7	731.8	730.8
730.0	729.0	728.2	727.4	726.7	725.9	725.1	724.2	723.4	722.5
721.6	720.7	719.7	718.4	716.8	715.1	713.2	711.1	708.8	706.2
704.0	702.5	701.0	699.3	697.7	695.6	693.4	691.8	691.1	691.5
692.7	694.8	697.5	700.1	703.0	705.7	707.3	707.8	707.0	705.5
704.3	703.2	702.3	701.6	701.2	0.0	0.0	0.0	0.0	
0.0	895.5	885.6	872.9	849.6	826.3	807.9	792.6	781.4	773.7
767.1	760.3	754.2	748.9	743.8	739.7	737.0	735.3	734.1	733.0
732.1	731.1	730.2	729.4	728.6	727.8	727.0	726.1	725.2	724.3
723.4	722.4	721.4	720.1	718.5	716.7	714.8	712.8	710.6	708.2
706.0	704.7	703.2	701.8	700.3	698.7	696.9	695.6	695.0	695.1
695.8	697.2	699.1	701.1	703.4	705.6	706.9	707.1	706.1	704.5
703.3	702.3	701.3	700.6	700.0	0.0	0.0	0.0	0.0	

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   0.0    890.6    880.9    868.2    845.9    823.3    805.1    790.2    779.3    772.5
 766.9    761.0    755.6    750.8    746.0    742.3    739.6    737.9    736.5    735.4
 734.4    733.3    732.3    731.5    730.7    729.9    729.0    728.1    727.2    726.3
 725.3    724.3    723.3    722.0    720.3    718.6    716.7    714.6    712.4    710.2
 708.4    707.0    705.6    704.2    702.9    701.4    699.9    698.8    698.2    698.2
 698.6    699.5    700.8    702.3    704.1    705.8    706.7    706.6    705.5    704.0
 702.8    701.8    700.8    699.9    699.1      0.0      0.0      0.0      0.0
   0.0    886.0    876.2    863.6    842.4    820.5    802.4    787.9    777.0    771.4
 766.9    762.0    757.1    752.8    748.6    745.2    742.7    740.8    739.2    737.9
 736.8    735.6    734.6    733.8    733.0    732.1    731.2    730.3    729.4    728.4
 727.4    726.4    725.4    724.1    722.4    720.6    718.7    716.6    714.4    712.4
 710.6    709.2    707.8    706.5    705.3    703.8    702.4    701.4    700.9    700.7
 701.0    701.6    702.6    703.7    705.0    706.3    706.8    706.5    705.4    704.0
 702.9    701.9    700.9    699.9    698.7      0.0      0.0      0.0      0.0
   0.0    880.6    870.2    858.1    838.1    817.2    799.4    785.4    774.3    770.2
 767.3    763.5    759.4    755.7    751.9    748.8    746.6    744.6    742.8    741.3
 740.0    738.8    737.7    736.9    736.0    735.1    734.2    733.3    732.3    731.4
 730.4    729.3    728.3    726.9    725.2    723.4    721.3    719.2    717.2    715.1
 713.3    711.8    710.4    709.0    707.8    706.3    704.9    704.0    703.5    703.4
 703.6    704.0    704.7    705.5    706.4    707.2    707.3    706.9    705.8    704.5
 703.5    702.7    701.9    701.4      0.0      0.0      0.0      0.0      0.0
   0.0    874.9    862.7    852.0    833.5    814.0    798.0    784.3    773.4    770.5
 769.2    766.3    762.8    759.5    756.1    753.3    751.2    749.1    747.2    745.6
 744.3    743.0    741.9    741.0    740.1    739.2    738.3    737.4    736.4    735.4
 734.5    733.4    732.3    730.8    728.9    727.0    725.2    723.0    720.8    718.5
 716.5    714.9    713.3    711.7    710.2    708.5    706.9    706.1    705.9    706.0
 706.3    706.8    707.4    708.0    708.5    708.8    708.6    708.0    706.8    705.7
 704.8    704.0    703.3    702.8      0.0      0.0      0.0      0.0      0.0
   0.0    869.9    855.5    846.7    829.4    811.5    797.5    785.7    777.2    774.5
 772.9    770.2    767.1    764.0    760.8    758.1    756.0    754.0    752.0    750.3
 749.0    747.6    746.5    745.6    744.7    743.8    742.9    741.9    740.9    739.7
 738.6    737.6    736.6    735.1    733.2    731.2    729.1    727.0    724.7    722.3
 720.2    718.5    716.7    714.8    713.0    710.7    708.6    708.1    708.3    708.8
 709.4    710.0    710.5    710.8    711.0    710.9    710.5    709.6    708.5    707.4
 706.6    706.0    705.3      0.0      0.0      0.0      0.0      0.0      0.0
   0.0    866.0    850.1    842.4    825.8    809.4    797.5    788.1    782.1    779.7
 777.8    775.1    772.0    769.3    766.2    763.3    761.2    759.1    757.1    755.4
 754.0    752.6    751.5    750.6    749.6    748.5    747.4    746.5    745.5    744.4
 743.2    742.0    740.8    739.3    737.4    735.5    733.5    731.4    729.2    727.0
 725.0    723.3    721.7    720.0    718.4    716.4    714.5    713.4    713.3    713.5
 713.8    714.0    714.3    714.3    714.1    713.6    712.8    711.8    710.6    709.6
 709.0    708.8      0.0      0.0      0.0      0.0      0.0      0.0      0.0
   0.0    862.6    847.8    838.6    822.2    807.3    798.0    791.5    788.2    786.4
 784.5    781.8    778.3    775.3    772.5    769.8    767.5    765.4    763.4    761.6
 760.0    758.4    757.0    756.1    755.1    754.1    752.9    751.8    750.7    749.5
 748.4    747.2    746.0    744.5    742.6    740.7    738.8    736.9    734.9    732.9
 731.2    729.8    728.4    727.1    725.8    724.3    722.8    721.6    720.8    720.3
 720.0    719.6    719.3    718.8    718.2    717.2    716.1    714.8    713.4    712.3
 711.8    711.6    711.7    711.7      0.0      0.0      0.0      0.0      0.0
   0.0    859.9    846.1    834.9    818.5    805.3    798.2    795.9    794.9    794.0
 792.2    789.0    785.4    781.9    778.7    776.3    774.3    772.2    770.1    768.3
 766.6    765.0    763.5    762.4    761.3    760.1    759.0    757.9    756.8    755.6
 754.4    753.2    752.0    750.5    748.7    746.9    745.1    743.3    741.5    739.6
 738.2    737.0    735.8    734.7    733.6    732.3    730.9    729.7    728.7    727.8
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727.0    726.2    725.3    724.4    723.3    721.9    720.3    718.7    716.9    715.6
714.8    714.4    714.0    713.8    713.8    713.7    713.7      0.0      0.0
  0.0    857.5    843.7    831.0    815.3    803.5    798.0    800.4    800.6    800.1
798.5    795.0    791.3    788.0    784.7    782.1    780.0    777.9    775.8    773.9
772.3    770.7    769.3    768.2    767.1    766.0    764.9    763.8    762.6    761.5
760.3    759.1    757.9    756.5    754.7    752.9    751.1    749.3    747.6    746.0
744.6    743.5    742.4    741.4    740.4    739.2    737.8    736.5    735.4    734.3
733.3    732.2    730.9    729.7    728.3    726.6    725.0    723.2    721.2    719.6
718.7    717.9    717.3    716.8    716.3    715.9    715.6    715.7      0.0
  0.0    855.3    840.6    827.3    812.0    805.5    802.5    805.3    806.2    805.8
804.1    800.7    797.0    793.7    790.4    787.7    785.5    783.4    781.3    779.4
777.8    776.2    774.8    773.7    772.6    771.5    770.4    769.2    768.1    767.0
765.8    764.6    763.5    762.0    760.3    758.5    756.8    755.1    753.4    751.8
750.4    749.4    748.3    747.3    746.3    745.1    743.7    742.4    741.1    740.0
738.8    737.6    736.3    734.8    733.0    731.2    729.3    727.6    725.5    723.8
722.6    721.7    720.9    720.2    719.5    718.9    718.4    718.0      0.0
  0.0    854.3    837.1    825.1    811.5    810.2    809.8    811.4    811.9    811.5
809.5    805.9    802.2    798.9    795.7    793.0    790.8    788.6    786.4    784.5
782.9    781.3    779.9    778.8    777.7    776.6    775.4    774.3    773.2    772.0
770.9    769.7    768.6    767.1    765.4    763.7    762.0    760.3    758.7    757.1
755.8    754.8    753.7    752.7    751.7    750.5    749.0    747.6    746.3    745.0
743.8    742.4    740.9    739.5    737.5    735.4    733.4    731.4    729.5    727.8
726.7    725.8    725.0    724.2    723.4    722.6    721.9    721.3      0.0
  0.0    839.0    833.6    825.4    817.5    816.7    817.1    817.6    817.6    816.4
814.0    810.4    806.8    803.8    800.7    797.9    795.7    793.5    791.3    789.4
787.7    786.1    784.7    783.6    782.5    781.3    780.2    779.1    777.9    776.8
775.7    774.5    773.4    771.9    770.2    768.5    766.9    765.2    763.6    762.0
760.7    759.6    758.6    757.6    756.6    755.3    753.8    752.4    751.0    749.6
748.3    746.8    745.1    743.5    741.5    739.2    737.3    735.2    733.1    731.5
730.5    729.6    728.8    728.0    727.2    726.5    725.8    725.3      0.0
  0.0    834.0    831.6    828.3    826.9    825.3    825.5    825.2    823.9    821.9
819.0    815.4    811.7    808.8    806.0    803.6    801.3    799.1    797.0    795.0
793.4    791.7    790.2    789.1    788.0    786.8    785.7    784.6    783.4    782.3
781.1    780.0    778.9    777.4    775.7    774.0    772.4    770.7    769.0    767.4
766.1    765.0    763.9    762.9    761.8    760.5    759.0    757.5    756.0    754.6
753.2    751.6    749.8    747.9    745.9    743.7    741.6    739.5    737.3    735.7
734.7    733.8    733.1    732.4    731.7    731.0    730.5    730.1      0.0
  0.0    829.0    832.0    836.1    841.8    834.9    833.0    831.6    829.2    826.6
823.7    820.2    816.7    813.6    810.8    808.4    806.3    804.3    802.2    800.5
799.0    797.3    795.8    794.6    793.4    792.2    791.0    789.9    788.7    787.5
786.4    785.2    784.0    782.6    780.9    779.2    777.5    775.8    774.1    772.4
771.0    769.9    768.8    767.7    766.6    765.3    763.7    762.2    760.7    759.2
757.7    756.0    754.0    752.1    750.1    747.8    745.6    743.4    741.2    739.6
738.6    737.8    737.1    736.5    735.8    735.2    734.7    734.4      0.0
  0.0    824.0    831.5    838.3    847.4    839.9    837.5    835.0    832.5    830.1
827.3    824.0    820.5    817.4    814.6    812.1    810.0    808.0    805.8    804.0
802.4    800.8    799.5    798.4    797.4    796.4    795.2    794.0    792.7    791.5
790.2    789.0    787.8    786.3    784.6    782.8    781.1    779.3    777.6    775.9
774.5    773.4    772.2    771.1    770.0    768.7    767.0    765.5    763.9    762.3
760.6    758.9    757.2    755.4    753.2    750.7    748.5    746.4    744.3    742.6
741.6    740.9    740.2    739.6    738.9    738.4    737.9    737.6      0.0
  0.0    824.0    829.5    837.3    845.1    841.5    839.7    838.0    835.3    832.7
829.9    826.4    823.0    820.2    817.3    814.7    812.7    810.5    808.4    806.4
804.8    803.1    801.7    800.6    799.5    798.4    797.3    796.2    795.1    794.1
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  792.9    791.6    790.3    788.7    786.9    785.1    783.4    781.6    779.9    778.1
  776.7    775.6    774.4    773.3    772.2    770.8    769.0    767.3    765.7    764.3
  762.9    761.2    759.3    757.5    755.3    752.9    750.7    748.4    746.3    744.8
  743.9    743.2    742.5    742.0    741.3    740.8    740.3    739.8      0.0
    0.0    824.0    826.0    835.7    842.4    841.7    840.4    838.6    836.1    833.8
  831.1    827.8    824.3    821.6    818.6    816.1    814.0    811.8    809.7    807.7
  806.0    804.3    802.9    801.7    800.6    799.5    798.3    797.2    796.1    795.0
  793.9    792.9    791.7    790.0    788.2    786.3    784.5    782.7    781.0    779.3
  777.8    776.6    775.4    774.2    772.9    771.5    770.0    768.5    767.0    765.5
  764.0    762.4    760.5    758.7    756.5    754.0    751.9    749.7    747.6    746.2
  745.3    744.6    744.0    743.5    743.0    742.6    742.4    746.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
         5        1.0              (10F8.1)          8         START HEAD   9
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
    0.0      0.0      0.0      0.0      0.0    925.8    930.0    930.0    926.0    942.4
  944.0    937.7    927.0    918.2    903.8    884.2    899.8    905.5    910.0    913.1
  914.9    915.7    916.1    916.3    916.5    916.6    916.6    916.5    916.3    916.0
  915.8    915.5    914.8    911.2    906.9    903.6    900.9    898.7    896.7    895.2
  894.1    893.3    892.5    891.8    891.1    890.2    889.3    888.5    887.9    887.5
  887.2    887.3    887.7    889.4    892.8    895.9    894.1    891.5    889.6    888.0
  887.3    886.1    883.3    879.2    873.3    865.2    861.0    740.0      0.0
    0.0      0.0      0.0      0.0      0.0    886.4    890.8    895.2    902.5    912.9
  924.6    924.4    903.1    886.5    873.8    875.2    882.8    888.9    892.8    895.1
  897.2    898.9    899.9    900.5    901.0    901.4    901.7    901.9    902.0    901.9
  901.8    901.5    901.1    900.6    900.0    899.2    898.6    897.4    896.0    894.3
  892.8    891.7    890.7    889.9    889.2    888.2    888.1    888.2    888.3    888.6
  888.8    889.4    890.4    892.5    894.9    896.2    893.9    890.6    885.4    875.3
  868.1    860.2    850.4    838.6    823.6    798.8    772.0    762.2      0.0
    0.0      0.0      0.0    940.9    925.5    915.1    905.6    893.9    886.0    885.1
  882.7    876.7    868.6    862.0    857.5    856.0    855.6    855.9    856.4    857.0
  857.6    858.2    858.7    859.1    859.5    859.9    860.3    860.6    861.0    861.3
  861.6    861.9    862.1    862.3    862.5    862.5    862.5    862.3    862.0    861.7
  861.3    861.1    860.8    860.5    860.2    859.8    859.5    859.1    858.7    858.3
  857.8    857.3    858.0    858.8    859.4    859.1    857.8    855.4    852.0    848.4
  845.7    843.3    840.9    838.5    836.2    834.4      0.0      0.0      0.0
    0.0      0.0    993.8    954.7    932.1    917.2    908.7    893.5    875.2    868.3
  860.3    850.4    841.4    834.2    828.7    825.9    824.1    822.9    822.1    821.6
  821.4    821.4    821.6    821.9    822.3    822.9    823.7    824.5    825.4    826.2
  827.0    827.8    828.6    829.5    830.5    831.3    832.0    832.7    833.2    833.6
  833.8    834.0    834.2    834.4    834.5    834.7    834.9    835.1    835.4    835.6
  835.9    836.1    836.3    836.5    836.6    836.3    835.5    834.2    832.5    831.1
  830.1    829.3    828.5    827.8    827.2    826.8      0.0      0.0      0.0
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   0.0     0.0   999.7   961.2   931.5   912.5   898.5   883.8   870.1   860.3
 849.4   836.9   823.0   811.7   805.9   801.6   798.8   796.4   794.8   793.6
 792.9   792.7   793.2   793.9   794.9   796.1   797.4   798.8   800.2   801.6
 803.0   804.3   805.5   807.0   808.5   809.9   811.1   812.2   813.1   814.0
 814.6   815.1   815.5   815.9   816.3   816.7   817.0   817.3   817.4   817.8
 818.3   819.3   820.0   820.5   821.1   821.3   821.0   820.5   819.8   819.2
 818.8   818.4   818.0   817.7   817.4   817.2     0.0     0.0     0.0
   0.0     0.0  1000.7   961.6   929.3   908.5   893.0   878.1   864.9   853.6
 841.4   827.4   813.3   802.9   793.1   784.5   777.3   773.4   771.3   769.3
 767.2   765.6   767.0   768.7   770.9   773.2   775.5   777.6   779.6   781.6
 783.6   785.4   787.0   788.9   790.9   792.7   794.3   795.8   797.2   798.4
 799.4   800.0   800.7   801.3   801.8   802.4   803.1   803.7   804.2   804.8
 805.3   806.0   807.0   807.7   808.5   809.0   809.2   809.1   809.0   808.7
 808.5   808.3   808.1   807.9   807.7   807.4     0.0     0.0     0.0
   0.0     0.0   998.3   958.7   926.5   904.8   888.3   872.3   858.3   845.9
 832.9   818.5   805.4   794.1   783.0   773.9   766.5   759.9   754.6   752.9
 751.9   751.2   751.9   752.9   754.3   755.9   757.9   759.9   761.6   763.4
 765.4   767.4   769.2   771.3   773.5   775.6   777.8   779.9   781.7   783.4
 784.6   785.5   786.3   787.1   787.8   788.7   789.7   790.5   791.4   792.1
 792.7   793.3   794.2   795.0   795.8   796.6   797.2   797.5   797.6   797.6
 797.5   797.4   797.2   796.9   796.5   796.1     0.0     0.0     0.0
   0.0     0.0   989.5   953.0   923.6   901.0   883.5   866.4   851.2   838.4
 825.0   810.4   796.8   785.0   773.5   763.5   756.1   750.5   745.6   742.2
 739.8   737.8   736.7   736.2   736.3   737.0   738.3   740.6   743.2   745.8
 748.2   750.7   753.0   755.5   758.3   760.9   763.3   765.6   767.6   769.4
 770.8   771.8   772.8   773.7   774.6   775.6   776.8   777.8   778.8   779.6
 780.3   781.1   781.7   782.3   783.1   783.9   784.8   785.3   785.7   786.0
 786.3   786.5   786.7   786.8   786.8   786.7     0.0     0.0     0.0
   0.0     0.0   979.7   949.0   920.6   897.5   879.3   860.8   844.7   831.9
 818.2   803.3   789.0   776.8   763.1   751.5   745.3   739.8   734.6   730.6
 727.0   723.2   719.8   717.9   718.9   720.7   723.2   725.8   728.2   730.4
 732.7   736.1   739.6   743.2   746.5   749.4   752.0   754.4   756.5   758.4
 759.8   760.9   761.9   762.9   763.8   764.9   766.1   767.1   768.0   768.9
 769.7   770.5   771.4   772.3   773.2   774.0   774.3   774.7   775.2   775.8
 776.4   777.0   777.9   778.8   780.1   781.0   781.4     0.0     0.0
   0.0     0.0   971.9   945.9   917.9   894.4   875.1   855.1   839.0   826.3
 812.6   797.2   782.3   769.1   753.5   740.2   733.5   729.3   724.2   721.6
 719.1   716.5   714.5   713.2   713.1   714.3   716.3   718.7   721.3   723.9
 726.7   729.7   732.4   735.2   738.4   741.3   743.9   746.1   748.1   749.9
 751.3   752.4   753.4   754.3   755.2   756.2   757.3   758.2   759.1   759.9
 760.7   761.8   762.9   764.0   765.1   766.0   766.5   766.9   767.2   767.8
 768.5   769.3   770.7   772.6   775.7   777.3     0.0     0.0     0.0
   0.0     0.0   966.8   943.1   915.0   890.6   869.5   849.1   833.7   820.9
 806.9   791.5   776.4   762.2   746.7   737.6   731.5   726.5   721.9   718.3
 715.0   711.4   708.1   705.3   702.4   705.0   708.6   712.1   715.3   718.4
 721.3   724.0   726.7   729.4   731.9   734.4   736.8   738.9   740.7   742.3
 743.6   744.5   745.4   746.2   747.0   748.0   749.0   750.0   750.8   751.7
 752.6   753.7   754.9   756.0   757.1   758.0   758.5   758.6   758.5   758.5
 758.8   759.5   760.8   763.2     0.0     0.0     0.0     0.0     0.0
   0.0     0.0   964.3   940.7   912.4   886.4   864.3   844.6   829.3   816.3
 802.1   786.2   771.1   757.7   744.8   736.4   730.5   725.3   720.8   717.2
 713.9   710.5   707.9   706.1   705.0   706.4   708.5   710.8   713.2   715.5
 717.9   720.2   722.5   725.1   727.6   729.6   731.6   733.4   735.0   736.5
 737.7   738.5   739.3   740.0   740.8   741.6   742.6   743.5   744.3   745.1
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745.9   747.1   748.4   749.5   750.7   751.6   751.9   751.7   751.0   750.0
749.3   749.1   749.1     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   962.7   938.7   909.9   882.3   860.3   841.1   825.8   812.6
797.7   781.5   767.0   754.7   743.3   735.2   729.5   724.3   719.8   716.0
712.8   710.2   708.5   707.6   707.3   707.8   708.9   710.4   712.2   714.0
715.8   717.7   719.5   721.7   724.1   726.0   727.7   729.3   730.8   732.2
733.3   734.1   734.8   735.5   736.1   736.9   737.7   738.5   739.2   739.8
740.6   741.8   743.2   744.5   745.7   746.6   746.8   746.3   745.1   743.3
741.7   740.8   740.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   961.1   936.7   907.2   878.0   856.1   837.6   822.1   808.4
792.9   777.1   763.5   752.1   741.4   733.6   728.2   722.7   717.8   714.2
711.5   709.3   708.0   707.5   707.3   707.7   708.5   709.5   710.8   712.3
713.8   715.4   717.0   718.7   720.7   722.5   724.1   725.5   726.9   728.2
729.1   729.8   730.5   731.2   731.8   732.5   733.2   733.9   734.5   734.9
735.2   736.7   738.3   739.6   740.9   741.7   741.9   741.2   739.7   737.3
735.2   733.1   730.3   726.2     0.0     0.0     0.0     0.0     0.0
  0.0     0.0   959.7   935.0   904.9   874.1   852.7   834.5   818.8   804.5
788.9   773.7   760.7   749.7   739.5   732.0   726.2   720.7   716.0   712.4
709.7   707.5   706.4   705.9   705.9   706.3   707.0   708.0   709.2   710.5
711.8   713.2   714.6   716.2   718.0   719.6   721.0   722.4   723.6   724.8
725.6   726.3   727.0   727.6   728.1   728.8   729.6   730.3   730.8   731.4
732.0   733.1   734.4   735.6   736.8   737.7   737.7   737.0   735.3   732.8
730.4   728.0   724.9   721.2   718.1     0.0     0.0     0.0     0.0
  0.0     0.0   958.3   933.5   902.6   870.5   849.8   831.8   815.8   801.0
785.7   771.1   758.3   747.8   737.4   729.9   724.2   719.0   714.3   710.5
707.6   705.3   704.2   703.7   703.7   704.3   705.2   706.2   707.5   708.8
710.1   711.3   712.6   714.1   715.7   717.2   718.5   719.8   720.9   721.9
722.8   723.4   724.0   724.6   725.1   725.8   726.6   727.3   727.9   728.5
729.2   730.1   731.3   732.3   733.5   734.3   734.4   733.7   732.0   729.5
727.2   724.8   721.8   718.6   717.2     0.0     0.0     0.0     0.0
  0.0     0.0   956.6   931.8   899.7   867.0   847.0   829.0   812.5   797.6
782.9   768.5   756.1   745.3   735.0   727.7   722.2   717.2   712.3   708.3
705.1   702.5   701.2   701.0   701.5   702.2   703.3   704.4   705.7   707.0
708.3   709.5   710.7   712.1   713.5   714.9   716.1   717.2   718.2   719.2
719.9   720.5   721.1   721.7   722.2   722.8   723.6   724.3   725.0   725.7
726.4   727.2   728.3   729.2   730.3   731.1   731.2   730.6   729.0   726.8
724.8   722.7   719.9   717.5   716.7     0.0     0.0     0.0     0.0
  0.0     0.0   954.6   929.8   896.6   863.4   844.1   826.1   809.0   794.4
780.3   766.1   753.8   742.8   732.8   725.5   720.2   715.2   710.3   706.0
702.2   699.0   697.6   698.0   699.1   700.3   701.6   702.9   704.1   705.4
706.6   707.8   708.9   710.1   711.4   712.6   713.7   714.7   715.6   716.5
717.2   717.7   718.3   718.8   719.3   719.9   720.6   721.3   722.0   722.8
723.5   724.3   725.3   726.2   727.2   728.0   728.1   727.7   726.5   724.7
722.7   720.6   718.5   717.0   716.3     0.0     0.0     0.0     0.0
  0.0     0.0   952.1   927.4   893.5   859.9   841.2   823.0   805.6   791.6
777.8   763.9   751.1   740.3   730.4   723.1   717.9   713.2   708.5   703.9
699.7   695.8   694.0   695.6   697.4   699.0   700.3   701.6   702.8   704.0
705.1   706.2   707.1   708.2   709.3   710.4   711.3   712.2   713.0   713.8
714.4   714.9   715.4   715.9   716.4   717.0   717.7   718.4   719.1   719.8
720.5   721.4   722.4   723.3   724.3   725.1   725.2   725.1   724.2   722.5
720.6   718.9   717.5   716.6   715.9     0.0     0.0     0.0     0.0
  0.0     0.0   949.1   925.1   890.4   856.4   838.3   819.7   802.4   789.0
775.5   761.2   748.4   737.9   727.7   720.3   715.5   711.3   707.0   702.8
699.2   696.6   695.8   696.5   697.6   698.7   699.8   700.8   701.8   702.8
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703.8   704.7   705.5   706.4   707.3   708.2   708.9   709.6   710.3   711.1
711.7   712.2   712.6   713.0   713.5   714.0   714.7   715.4   716.1   716.8
717.6   718.5   719.5   720.5   721.5   722.4   722.7   722.7   722.2   720.5
718.8   717.6   716.7   715.9   715.3     0.0     0.0     0.0     0.0
  0.0     0.0   946.4   923.1   887.8   853.5   835.7   816.8   800.1   787.0
773.7   759.1   746.5   735.9   725.3   717.4   713.3   709.7   706.0   702.5
699.6   697.9   697.2   697.6   698.4   699.2   700.0   700.7   701.5   702.2
703.0   703.7   704.3   705.1   705.8   706.5   707.1   707.7   708.2   709.0
709.5   709.9   710.3   710.7   711.0   711.5   712.2   712.8   713.5   714.3
715.1   716.0   717.1   718.1   719.3   720.3   720.8   720.9   720.4   718.9
717.5   716.7   715.8   715.2   714.7     0.0     0.0     0.0     0.0
  0.0     0.0   944.1   921.5   885.7   851.1   833.6   814.6   798.3   785.5
772.2   757.6   745.1   734.3   723.3   714.8   711.4   708.6   705.5   702.7
700.3   698.7   698.1   698.3   698.8   699.5   700.1   700.8   701.4   702.0
702.5   703.1   703.7   704.3   705.0   705.6   706.0   706.4   706.8   707.3
707.7   708.0   708.4   708.8   709.1   709.6   710.2   710.8   711.5   712.2
713.0   714.0   715.2   716.3   717.5   718.7   719.3   719.5   718.9   717.6
716.7   715.9   715.2   714.5   714.0     0.0     0.0     0.0     0.0
  0.0     0.0   941.8   919.8   883.7   848.8   831.3   812.5   796.7   784.1
770.5   756.2   743.7   732.7   721.3   711.7   709.7   707.7   705.3   703.1
701.2   699.6   698.8   699.0   699.3   699.8   700.3   700.8   701.3   701.8
702.3   702.7   703.2   703.8   704.3   704.8   705.0   705.2   705.3   705.6
705.9   706.2   706.5   706.8   707.2   707.6   708.1   708.7   709.4   710.1
711.0   712.0   713.2   714.4   715.8   717.1   717.9   718.2   717.5   716.6
715.8   715.1   714.4   713.8   713.3     0.0     0.0     0.0     0.0
  0.0     0.0   939.6   918.2   881.7   846.5   829.1   810.5   795.2   782.7
768.9   754.9   742.4   731.3   719.5   708.6   708.2   707.0   705.3   703.5
702.0   700.7   700.0   699.9   700.0   700.3   700.6   701.0   701.3   701.6
701.9   702.2   702.7   703.2   703.7   704.0   704.2   704.1   704.0   704.0
704.2   704.5   704.7   705.0   705.2   705.6   706.0   706.6   707.2   708.0
708.8   709.9   711.2   712.5   714.1   715.5   716.5   716.9   716.5   715.7
715.0   714.4   713.7   713.0   712.5     0.0     0.0     0.0     0.0
  0.0   948.9   937.2   916.5   879.7   844.3   826.8   808.7   793.7   781.3
767.5   753.7   741.1   729.8   718.1   708.3   707.5   706.7   705.4   703.9
702.7   701.7   701.1   700.8   700.8   700.9   701.0   701.2   701.3   701.5
701.5   701.7   702.1   702.6   703.0   703.2   703.3   703.1   702.9   702.6
702.5   702.7   702.9   703.1   703.3   703.5   703.9   704.4   705.0   705.8
706.7   707.8   709.3   710.7   712.4   714.0   715.1   715.7   715.5   714.8
714.2   713.6   712.9   712.3   711.5   710.2     0.0     0.0     0.0
  0.0   948.7   934.3   914.9   877.7   842.0   824.7   807.0   792.3   779.8
766.1   752.6   739.9   728.5   717.3   708.1   707.2   706.7   705.7   704.4
703.5   702.6   702.0   701.7   701.5   701.4   701.4   701.5   701.5   701.5
701.5   701.6   701.8   702.1   702.4   702.5   702.4   702.2   701.8   701.4
701.2   701.1   701.2   701.3   701.4   701.5   701.8   702.2   702.8   703.5
704.5   705.7   707.3   708.8   710.7   712.5   713.8   714.5   714.5   713.9
713.4   712.8   712.2   711.5   710.8   709.9     0.0     0.0     0.0
  0.0   947.4   931.6   913.2   875.8   839.8   822.6   805.3   791.0   778.2
764.9   751.6   738.7   727.3   716.9   708.3   707.3   706.9   706.0   705.0
704.2   703.4   702.8   702.5   702.2   702.0   701.9   701.8   701.7   701.6
701.6   701.6   701.7   701.8   701.9   701.8   701.7   701.4   700.9   700.3
699.9   699.7   699.6   699.5   699.5   699.5   699.6   699.9   700.4   701.2
702.2   703.5   705.3   707.0   709.0   711.0   712.5   713.3   713.5   713.1
712.6   712.0   711.4   710.8   710.2   709.5     0.0     0.0     0.0
  0.0   944.8   928.8   911.5   873.9   837.7   820.6   803.7   789.7   776.9
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763.9   750.6   737.6   726.4   716.9   709.6   708.0   707.4   706.5   705.7
704.9   704.1   703.6   703.2   702.9   702.7   702.4   702.2   702.1   701.9
701.7   701.6   701.6   701.6   701.5   701.3   701.0   700.5   700.0   699.3
698.8   698.5   698.2   697.9   697.6   697.4   697.3   697.5   698.0   698.8
699.8   701.3   703.2   705.1   707.4   709.6   711.3   712.3   712.5   712.2
711.8   711.3   710.7   710.2   709.6   709.0     0.0     0.0     0.0
  0.0   941.9   926.1   909.7   872.0   836.3   818.8   802.3   788.4   775.6
762.9   749.7   736.7   725.8   717.0   710.8   708.8   708.0   707.1   706.3
705.6   704.9   704.4   704.0   703.6   703.3   703.0   702.8   702.5   702.2
702.0   701.8   701.6   701.5   701.2   700.9   700.4   699.8   699.1   698.4
697.8   697.3   696.7   696.2   695.7   695.3   695.0   695.0   695.4   696.2
697.4   699.0   701.2   703.3   705.8   708.3   710.1   711.2   711.6   711.4
711.0   710.5   710.0   709.5   709.0   708.5     0.0     0.0     0.0
  0.0   938.8   923.5   907.8   870.2   835.2   817.1   800.9   787.2   774.5
762.0   748.9   735.9   725.1   717.2   711.6   709.7   708.7   707.7   706.9
706.4   705.7   705.1   704.7   704.3   704.0   703.6   703.3   703.0   702.6
702.3   702.0   701.8   701.4   701.0   700.5   699.9   699.1   698.3   697.5
696.8   696.0   695.2   694.5   693.8   693.1   692.5   692.4   692.7   693.5
694.8   696.7   699.1   701.5   704.2   706.9   708.9   710.2   710.7   710.5
710.2   709.8   709.3   708.9   708.4   708.0     0.0     0.0     0.0
  0.0   934.9   920.2   905.3   867.8   833.8   815.2   799.3   785.4   773.1
761.1   748.0   735.2   724.4   717.4   712.1   710.5   709.5   708.7   707.8
707.3   706.7   706.1   705.7   705.2   704.8   704.4   704.0   703.6   703.2
702.8   702.4   702.0   701.5   700.9   700.2   699.2   698.3   697.4   696.3
695.3   694.2   693.2   692.3   691.4   690.3   689.3   688.8   689.0   689.9
691.5   693.7   696.5   699.2   702.3   705.3   707.5   709.0   709.6   709.6
709.3   708.9   708.5   708.1   707.6   707.3     0.0     0.0     0.0
  0.0   930.2   916.3   902.0   864.8   832.1   813.3   797.6   783.5   771.8
760.0   747.4   734.8   723.8   718.0   712.5   711.6   710.7   709.8   709.0
708.4   707.8   707.2   706.7   706.2   705.7   705.3   704.8   704.3   703.9
703.4   702.9   702.4   701.7   700.8   699.9   698.8   697.7   696.4   695.0
693.5   692.3   691.0   689.7   688.4   686.8   685.2   684.1   684.1   685.2
687.2   690.0   693.4   696.6   700.2   703.5   706.0   707.6   708.4   708.4
708.2   707.8   707.5   707.1   706.7   706.6     0.0     0.0     0.0
  0.0   925.6   912.6   898.3   861.7   830.4   811.7   795.9   781.9   770.6
759.2   747.1   735.2   725.4   719.4   714.6   713.0   712.0   711.1   710.2
709.5   708.9   708.3   707.7   707.2   706.7   706.2   705.7   705.1   704.6
704.0   703.5   702.8   702.0   700.9   699.8   698.6   697.2   695.6   693.8
692.1   690.6   689.0   687.3   685.5   683.3   680.7   678.8   678.4   679.9
682.6   686.3   690.5   694.3   698.3   701.9   704.6   706.4   707.2   707.3
707.1   706.8   706.4   706.1   705.9   705.9     0.0     0.0     0.0
  0.0   921.2   908.4   894.2   858.5   828.7   810.2   794.3   780.5   769.6
758.7   747.1   736.1   727.2   721.1   716.6   714.5   713.3   712.3   711.3
710.5   709.8   709.2   708.6   708.1   707.6   707.1   706.5   706.0   705.4
704.8   704.1   703.4   702.5   701.2   699.8   698.5   696.9   695.0   693.0
691.0   689.2   687.3   685.2   683.0   679.9   676.1   672.8   671.7   674.2
678.1   683.0   688.0   692.2   696.6   700.5   703.3   705.2   706.1   706.2
706.0   705.7   705.4   705.2   705.0   705.4     0.0     0.0     0.0
  0.0   916.5   904.0   890.1   855.6   827.0   808.7   792.8   779.3   768.7
758.2   747.3   737.1   728.9   722.7   718.2   715.9   714.5   713.4   712.4
711.6   710.8   710.0   709.5   709.0   708.5   708.0   707.4   706.8   706.2
705.5   704.8   704.1   703.1   701.7   700.2   698.6   696.7   694.7   692.4
690.2   688.3   686.1   683.8   681.1   677.4   672.2   666.8   664.1   668.5
674.1   680.2   686.0   690.6   695.3   699.3   702.3   704.2   705.1   705.2
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705.0   704.7   704.4   704.2   704.0     0.0     0.0     0.0     0.0
  0.0   911.8   899.8   886.1   852.8   825.3   807.2   791.3   778.1   767.9
757.9   747.7   738.1   730.4   724.3   719.7   717.0   715.5   714.5   713.6
712.7   711.8   710.8   710.5   710.0   709.6   709.0   708.4   707.8   707.1
706.4   705.6   704.8   703.7   702.3   700.8   699.0   697.0   694.7   692.1
689.9   687.9   685.7   683.1   680.3   676.3   670.6   664.0   658.3   665.0
672.0   678.7   684.8   689.5   694.3   698.4   701.3   703.2   704.2   704.2
704.0   703.7   703.5   703.2   703.0     0.0     0.0     0.0     0.0
  0.0   906.3   894.8   880.7   849.8   823.3   805.4   789.6   776.8   767.1
757.7   748.2   739.3   732.0   725.9   720.9   717.8   716.5   715.8   715.0
714.3   713.4   712.6   712.1   711.5   711.0   710.4   709.7   709.0   708.3
707.5   706.7   705.8   704.7   703.2   701.5   699.7   697.6   695.2   692.5
689.9   688.1   685.9   683.5   680.8   677.2   672.3   667.4   664.2   667.9
673.0   678.9   684.4   689.0   693.6   697.6   700.5   702.3   703.2   703.2
702.9   702.7   702.4   702.2   702.0     0.0     0.0     0.0     0.0
  0.0   900.3   888.9   875.0   846.3   820.9   803.3   787.6   775.3   766.3
757.7   748.9   740.8   734.2   727.8   722.1   717.0   717.6   717.5   716.9
716.2   715.4   714.7   714.1   713.4   712.8   712.1   711.4   710.6   709.8
709.0   708.1   707.2   706.0   704.4   702.6   700.7   698.6   696.3   693.5
691.0   689.3   687.4   685.3   683.1   680.2   676.8   673.9   672.6   674.0
677.0   681.0   685.4   689.3   693.4   697.2   699.8   701.5   702.2   702.2
701.9   701.6   701.3   701.1   701.0     0.0     0.0     0.0     0.0
  0.0   894.7   883.1   869.7   842.7   818.4   800.9   785.7   774.0   765.5
757.8   749.8   742.4   736.2   730.3   725.2   721.7   720.6   719.9   719.2
718.4   717.6   716.8   716.1   715.4   714.7   713.9   713.1   712.3   711.5
710.6   709.7   708.7   707.4   705.8   704.0   702.1   700.0   697.7   695.1
692.8   691.2   689.5   687.8   686.0   683.8   681.4   679.6   678.9   679.6
681.3   683.9   687.2   690.3   693.8   697.1   699.5   701.0   701.5   701.4
701.1   700.8   700.5   700.2   700.1     0.0     0.0     0.0     0.0
  0.0   889.2   878.1   864.8   839.0   815.9   798.5   783.8   772.6   764.8
757.9   750.7   744.1   738.4   732.8   728.4   725.3   723.8   722.7   721.7
720.8   719.8   719.0   718.2   717.5   716.7   715.9   715.0   714.2   713.3
712.3   711.4   710.4   709.0   707.4   705.6   703.7   701.6   699.4   697.0
694.8   693.4   691.9   690.4   688.9   687.2   685.4   684.2   683.7   684.0
685.0   686.8   689.2   691.6   694.5   697.4   699.5   700.7   701.1   700.9
700.6   700.2   699.9   699.6   699.4     0.0     0.0     0.0     0.0
  0.0   884.0   873.0   859.8   835.5   813.4   796.0   782.0   771.0   764.0
758.1   751.8   745.9   740.7   735.5   731.4   728.2   726.7   725.4   724.3
723.2   722.2   721.2   720.4   719.6   718.8   717.9   717.0   716.1   715.2
714.2   713.2   712.2   710.8   709.2   707.3   705.4   703.4   701.1   698.9
697.1   695.7   694.3   692.9   691.6   690.1   688.7   687.7   687.3   687.5
688.2   689.4   691.2   693.2   695.5   697.9   699.7   700.7   701.0   700.7
700.3   700.0   699.6   699.3   699.0     0.0     0.0     0.0     0.0
  0.0   879.1   867.7   854.7   832.3   811.0   793.7   780.3   769.1   763.2
758.4   753.0   747.8   743.1   738.4   734.7   732.0   730.0   728.3   727.0
725.8   724.6   723.6   722.7   721.9   721.0   720.1   719.2   718.2   717.2
716.2   715.2   714.1   712.8   711.1   709.2   707.3   705.2   703.0   701.0
699.2   697.8   696.4   695.1   693.9   692.5   691.2   690.4   690.1   690.2
690.8   691.7   693.2   694.8   696.7   698.7   700.1   700.9   701.1   700.8
700.5   700.1   699.8   699.3   698.8     0.0     0.0     0.0     0.0
  0.0   873.4   861.0   848.8   828.5   808.4   791.0   778.4   766.4   762.3
759.1   754.8   750.3   746.2   742.1   738.8   736.3   734.1   732.2   730.5
729.2   727.9   726.8   725.9   724.9   724.0   723.0   722.1   721.0   720.0
719.0   717.8   716.8   715.4   713.6   711.8   709.7   707.6   705.6   703.4
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701.6   700.2   698.8   697.4   696.2   694.8   693.5   692.8   692.7   692.9
693.5   694.3   695.5   696.8   698.3   699.9   701.0   701.6   701.6   701.3
701.0   700.7   700.5   700.2     0.0     0.0     0.0     0.0     0.0
  0.0   867.2   852.6   842.5   824.6   806.3   791.0   777.6   763.9   762.2
760.9   757.5   753.7   750.1   746.3   743.3   741.0   738.8   736.7   735.0
733.5   732.0   730.8   729.9   728.9   728.0   727.0   725.9   724.9   723.8
722.7   721.6   720.4   718.9   717.0   715.0   713.2   711.0   708.8   706.5
704.4   702.8   701.2   699.5   698.0   696.1   694.5   694.1   694.5   695.2
696.0   697.1   698.2   699.3   700.6   701.7   702.5   702.8   702.8   702.5
702.2   701.9   701.5   701.2     0.0     0.0     0.0     0.0     0.0
  0.0   861.8   843.3   837.0   821.4   804.8   791.6   779.5   769.5   766.5
764.3   761.1   757.5   754.2   750.7   747.8   745.6   743.4   741.3   739.5
738.0   736.4   735.2   734.2   733.2   732.1   731.1   730.0   728.9   727.7
726.5   725.4   724.2   722.7   720.8   718.8   716.8   714.7   712.4   710.0
707.8   706.0   704.0   701.9   699.6   696.7   693.5   694.2   695.8   697.4
698.7   700.0   701.3   702.2   703.2   704.0   704.4   704.6   704.5   704.2
703.9   703.6   703.1     0.0     0.0     0.0     0.0     0.0     0.0
  0.0   857.5   835.4   832.9   818.8   803.8   792.4   782.1   774.6   771.3
768.5   765.2   761.7   758.6   755.3   752.4   750.2   748.0   745.9   744.0
742.4   740.9   739.7   738.6   737.5   736.3   735.2   734.2   733.1   731.9
730.6   729.4   728.1   726.5   724.7   722.8   720.8   718.7   716.6   714.3
712.3   710.6   708.9   707.1   705.3   703.2   700.9   699.8   700.7   701.8
702.9   704.0   704.9   705.6   706.2   706.6   706.8   706.8   706.6   706.4
706.3   706.2     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0   853.6   835.3   829.8   816.4   803.0   793.6   785.4   780.1   777.0
773.9   770.5   766.8   763.6   760.6   757.8   755.5   753.3   751.2   749.3
747.6   745.9   744.5   743.5   742.4   741.3   740.1   738.9   737.8   736.6
735.3   734.1   732.9   731.3   729.4   727.6   725.8   723.9   721.9   720.0
718.3   717.0   715.7   714.4   713.1   711.7   710.3   709.4   709.0   709.0
709.2   709.5   709.8   710.0   710.1   710.1   709.9   709.7   709.3   709.1
709.1   709.3   709.8   710.0     0.0     0.0     0.0     0.0     0.0
  0.0   850.6   835.7   827.5   814.5   802.6   794.7   789.4   785.6   783.0
780.0   776.3   772.5   769.1   765.8   763.3   761.2   759.0   756.8   754.9
753.3   751.6   750.1   749.0   747.8   746.7   745.5   744.4   743.2   742.0
740.8   739.6   738.4   736.9   735.1   733.3   731.5   729.8   728.1   726.4
725.0   723.9   722.9   721.9   720.9   719.8   718.7   717.7   717.0   716.5
716.2   715.9   715.6   715.3   715.0   714.5   714.0   713.3   712.6   711.9
712.0   712.1   712.3   712.6   713.1   713.4   713.6     0.0     0.0
  0.0   848.4   835.2   825.7   813.4   802.4   795.5   793.2   790.4   788.0
785.1   781.3   777.5   774.2   770.9   768.2   766.0   763.9   761.8   759.9
758.2   756.6   755.2   754.1   753.0   751.9   750.8   749.6   748.5   747.3
746.2   745.0   743.9   742.4   740.7   738.9   737.2   735.5   734.0   732.4
731.2   730.2   729.2   728.3   727.5   726.4   725.4   724.4   723.6   722.9
722.3   721.7   721.0   720.3   719.7   718.9   718.2   717.4   716.4   715.8
715.4   715.2   715.1   715.1   715.1   715.2   715.4   715.7     0.0
  0.0   846.7   834.1   824.3   812.5   804.4   798.4   797.1   794.9   792.7
789.8   786.0   782.3   779.0   775.6   772.9   770.8   768.6   766.5   764.6
763.0   761.4   760.1   759.0   757.9   756.8   755.7   754.6   753.5   752.3
751.2   750.1   749.0   747.6   745.9   744.3   742.7   741.1   739.5   738.0
736.8   735.9   735.0   734.1   733.2   732.2   731.0   730.0   729.1   728.3
727.6   726.8   726.0   725.1   724.1   723.2   722.2   721.3   720.3   719.4
718.8   718.3   717.9   717.8   717.7   717.6   717.5   717.5     0.0
  0.0   845.9   832.5   823.9   813.6   808.2   804.3   802.1   799.7   797.4
794.4   790.6   786.8   783.6   780.3   777.5   775.3   773.1   770.9   769.1
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767.5   765.9   764.5   763.5   762.4   761.3   760.2   759.1   758.1   757.0
755.9   754.8   753.7   752.4   750.8   749.2   747.6   746.1   744.7   743.2
742.1   741.2   740.3   739.4   738.6   737.5   736.3   735.2   734.1   733.2
732.3   731.4   730.4   729.5   728.3   727.1   726.0   724.9   723.9   723.0
722.4   721.9   721.5   721.2   720.9   720.5   720.3   720.1     0.0
  0.0   827.0   830.7   825.0   818.4   813.3   809.9   807.0   804.5   801.9
798.6   794.7   791.1   787.9   784.7   781.9   779.7   777.5   775.3   773.5
771.8   770.2   768.9   767.8   766.8   765.7   764.6   763.5   762.5   761.4
760.3   759.3   758.2   756.9   755.4   753.8   752.3   750.8   749.4   748.0
746.9   746.0   745.1   744.2   743.4   742.3   741.1   739.9   738.8   737.7
736.8   735.7   734.5   733.5   732.2   730.8   729.6   728.3   727.2   726.3
725.7   725.2   724.8   724.4   724.0   723.7   723.4   723.1     0.0
  0.0   822.0   830.1   827.8   826.0   819.9   816.3   812.9   809.7   806.8
803.3   799.4   795.6   792.5   789.6   787.0   784.8   782.6   780.5   778.6
777.0   775.4   774.0   773.0   771.9   770.8   769.8   768.7   767.7   766.6
765.6   764.5   763.5   762.2   760.7   759.2   757.7   756.2   754.8   753.4
752.2   751.3   750.4   749.5   748.6   747.5   746.3   745.1   743.9   742.8
741.7   740.5   739.2   737.9   736.5   735.0   733.7   732.3   731.0   730.0
729.4   728.9   728.5   728.1   727.7   727.3   727.1   726.8     0.0
  0.0   817.0   830.9   833.0   838.1   827.0   822.0   818.0   814.3   811.1
807.7   803.9   800.1   796.9   793.9   791.4   789.3   787.3   785.3   783.5
782.1   780.5   779.1   778.0   776.9   775.8   774.8   773.7   772.7   771.6
770.6   769.5   768.5   767.2   765.7   764.2   762.7   761.2   759.8   758.3
757.2   756.2   755.3   754.4   753.5   752.4   751.1   749.8   748.6   747.4
746.3   745.0   743.5   742.2   740.7   739.0   737.6   736.1   734.7   733.7
733.0   732.6   732.1   731.7   731.3   730.9   730.7   730.4     0.0
  0.0   812.0   831.0   835.0   841.6   830.5   825.4   821.0   817.4   814.3
811.0   807.2   803.5   800.3   797.3   794.8   792.7   790.7   788.6   786.8
785.3   783.8   782.5   781.5   780.5   779.6   778.6   777.4   776.3   775.3
774.2   773.1   772.1   770.8   769.3   767.8   766.3   764.8   763.4   761.9
760.7   759.8   758.8   757.9   757.0   755.8   754.5   753.2   752.0   750.8
749.5   748.2   746.8   745.5   743.8   742.1   740.5   739.0   737.6   736.5
735.9   735.4   734.9   734.5   734.1   733.7   733.4   733.2     0.0
  0.0   812.0   830.2   834.5   839.1   831.7   827.1   823.3   819.6   816.6
813.3   809.4   805.7   802.8   799.8   797.2   795.1   793.0   790.9   789.1
787.5   785.9   784.6   783.6   782.6   781.5   780.5   779.5   778.6   777.6
776.6   775.4   774.3   773.0   771.5   770.0   768.6   767.1   765.7   764.2
763.0   762.1   761.1   760.2   759.3   758.1   756.7   755.3   754.0   752.9
751.8   750.5   749.0   747.6   746.0   744.2   742.6   741.1   739.6   738.6
738.0   737.5   737.0   736.6   736.2   735.8   735.5   735.1     0.0
  0.0   812.0   828.5   833.5   836.2   831.8   827.7   823.8   820.4   817.5
814.4   810.7   807.0   804.0   801.0   798.4   796.3   794.2   792.1   790.3
788.7   787.1   785.8   784.7   783.6   782.6   781.5   780.5   779.5   778.5
777.6   776.7   775.7   774.3   772.7   771.2   769.7   768.3   766.8   765.4
764.2   763.2   762.2   761.2   760.2   759.0   757.8   756.6   755.3   754.1
753.0   751.7   750.2   748.8   747.2   745.4   743.8   742.3   740.9   739.9
739.3   738.8   738.4   738.0   737.7   737.4   737.3   748.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
  0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
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      5        1.0              (10F8.1)          8        START HEAD 10
   0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
   0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
   0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
   0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
   0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
   0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
   0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0
   0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0     942.4
 944.0     937.7     927.0     918.2     903.7     884.5     899.7     905.4     910.0     913.1
 914.8     915.6     916.1     916.3     916.5     916.6     916.6     916.5     916.2     916.0
 915.8     915.5     914.7     911.2     906.9     903.6     900.9     898.7     896.7     895.2
 894.1     893.3     892.5     891.8     891.1     890.2     889.3     888.5     887.9     887.5
 887.3     887.3     887.7     889.4     892.8     895.8     894.1     891.5     889.6     888.0
 887.3     886.1     883.2     879.2     873.3     865.3     861.0       0.0       0.0
   0.0     970.0     919.5     908.3     893.1     886.6     890.8     895.2     902.5     912.9
 924.5     924.3     903.1     886.5     873.9     875.3     882.8     888.9     892.8     895.1
 897.1     898.9     899.9     900.5     901.0     901.4     901.6     901.8     901.9     901.9
 901.8     901.5     901.1     900.6     899.9     899.2     898.6     897.4     896.0     894.3
 892.8     891.7     890.7     889.9     889.2     888.2     888.1     888.2     888.3     888.5
 888.8     889.4     890.4     892.4     894.9     896.2     893.9     890.6     885.3     875.3
 868.0     860.2     850.4     838.6     823.5     798.8     772.3     762.3       0.0
   0.0    1019.3     974.7     940.8     924.5     913.7     905.0     894.2     887.4     886.1
 883.0     876.4     868.3     861.5     856.0     853.4     852.3     851.7     851.5     851.5
 851.6     851.9     852.1     852.3     852.6     852.8     853.1     853.4     853.7     853.9
 854.2     854.4     854.6     854.8     855.0     855.2     855.2     855.2     855.0     854.8
 854.6     854.4     854.1     853.9     853.6     853.3     852.8     852.3     851.7     850.8
 849.9     848.6     850.2     851.3     852.0     851.9     850.8     848.7     845.6     842.0
 839.3     836.8     834.3     831.8     829.7     827.9       0.0       0.0       0.0
   0.0    1011.6     985.9     952.1     928.6     914.0     907.3     892.4     876.2     867.8
 858.4     848.1     838.3     830.2     823.8     819.3     816.3     813.9     812.0     810.9
 810.2     809.8     809.7     809.7     809.7     810.6     811.5     812.4     813.3     814.2
 815.1     815.9     816.7     817.7     818.8     819.8     820.7     821.4     822.1     822.7
 823.2     823.5     823.7     824.0     824.2     824.4     824.7     824.9     825.1     825.3
 825.6     825.8     826.1     826.4     826.5     826.5     826.0     825.1     823.8     822.4
 821.4     820.5     819.7     818.9     818.2     817.7       0.0       0.0       0.0
   0.0    1000.0     992.9     957.0     928.3     910.1     897.2     881.4     866.7     855.5
 843.7     830.7     817.0     803.2     798.3     792.2     787.2     783.5     781.0     779.3
 778.1     777.5     778.2     779.0     780.2     781.6     783.1     784.6     786.1     787.6
 789.0     790.4     791.8     793.3     795.0     796.7     798.1     799.5     800.7     801.8
 802.6     803.2     803.7     804.2     804.6     805.1     805.5     805.8     806.1     806.6
 807.1     807.7     808.3     808.9     809.9     810.4     810.6     810.4     809.9     809.4
 809.0     808.7     808.3     808.1     807.8     807.7       0.0       0.0       0.0
   0.0    1006.6     995.3     957.7     926.5     906.0     890.4     873.5     858.3     846.0
 833.1     819.1     805.6     793.6     782.1     770.3     758.1     754.1     753.5     751.1
 747.5     742.0     746.5     748.8     753.0     756.6     759.6     762.3     764.6     766.8
 768.8     770.6     772.3     774.3     776.5     778.6     780.5     782.3     784.0     785.5
 786.6     787.4     788.1     788.8     789.4     790.0     790.7     791.3     791.9     792.5
 793.2     794.1     795.2     796.1     797.0     797.8     798.3     798.6     798.7     798.7
 798.7     798.7     798.7     798.7     798.7     798.7       0.0       0.0       0.0
   0.0    1008.9     996.9     954.2     923.4     901.6     884.1     865.9     850.0     836.9
 823.2     808.5     794.8     782.6     770.2     759.3     750.4     741.7     733.4     734.0
 733.2     732.0     733.7     735.0     737.1     739.2     741.3     743.7     746.0     748.3
 750.4     752.5     754.2     756.4     758.6     760.5     763.4     765.9     768.0     769.9
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771.3	772.3	773.2	774.0	774.8	775.7	776.8	777.8	778.7	779.6
780.4	781.3	782.3	783.2	784.2	785.2	786.0	786.6	787.2	787.7
788.0	788.4	788.7	788.9	789.1	789.3	0.0	0.0	0.0	
0.0	1007.4	986.7	949.4	920.3	897.0	878.1	858.5	841.8	828.2
813.9	798.6	784.4	771.8	759.0	748.6	740.9	734.3	728.4	724.7
722.0	719.5	717.8	716.7	716.3	716.2	715.9	720.3	724.2	727.6
730.9	734.2	737.0	739.8	743.0	746.0	748.7	751.2	753.5	755.5
756.9	758.0	759.1	760.2	761.1	762.2	763.5	764.7	765.7	766.7
767.5	768.4	769.4	770.2	771.2	772.3	773.3	774.2	775.2	776.1
776.9	777.7	778.4	779.1	779.7	780.2	0.0	0.0	0.0	
0.0	1006.3	977.8	945.8	917.4	893.0	873.0	852.1	834.5	820.7
806.2	790.5	775.5	762.2	748.1	736.0	728.7	722.6	716.3	711.7
707.2	701.3	693.8	685.6	693.4	698.3	702.3	705.7	708.6	710.9
712.3	717.5	721.8	726.3	730.6	734.1	737.0	739.6	741.9	744.0
745.6	746.7	747.8	748.9	750.0	751.2	752.5	753.6	754.6	755.5
756.3	757.2	758.3	759.3	760.5	761.7	762.8	763.8	764.8	766.0
767.0	768.2	769.5	770.9	772.4	773.3	773.5	0.0	0.0	
0.0	991.5	970.0	943.3	914.9	889.7	867.8	845.3	828.0	814.5
799.9	784.0	768.2	754.6	736.8	716.5	709.8	708.2	700.7	700.5
698.3	695.3	692.7	691.3	691.6	693.7	696.6	699.7	702.8	705.9
709.0	712.1	715.1	718.6	722.5	726.1	729.0	731.3	733.4	735.4
737.0	738.2	739.2	740.3	741.2	742.3	743.4	744.3	745.2	746.0
746.7	748.2	749.6	750.9	752.3	753.7	754.7	755.6	756.5	757.6
758.7	759.9	761.6	763.9	767.5	769.3	0.0	0.0	0.0	
0.0	956.0	965.3	941.5	912.1	885.0	860.9	838.6	822.4	808.8
794.2	778.5	762.5	746.4	726.5	718.3	712.0	707.1	702.3	698.6
695.0	690.5	685.4	680.2	672.9	681.4	687.8	692.8	697.0	700.8
704.2	707.4	710.1	713.0	716.0	719.0	722.0	724.3	726.2	727.9
729.2	730.2	731.1	732.0	732.8	733.8	734.9	735.9	736.8	737.7
738.7	740.1	741.5	742.9	744.4	745.7	746.7	747.3	747.7	748.1
748.8	749.7	751.2	753.8	0.0	0.0	0.0	0.0	0.0	
0.0	976.1	964.6	939.8	909.3	879.8	855.3	833.8	817.8	804.3
789.7	772.9	756.3	741.3	727.0	718.6	712.5	707.1	702.2	698.3
694.9	691.3	688.2	685.5	682.7	686.4	689.6	692.6	695.5	698.4
701.3	704.0	706.5	709.3	712.2	714.6	716.8	718.8	720.6	722.2
723.3	724.2	725.0	725.8	726.5	727.3	728.3	729.4	730.2	731.0
732.0	733.3	734.9	736.4	737.9	739.3	740.1	740.4	740.2	739.5
738.8	738.8	739.1	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	986.6	964.4	938.3	906.7	875.2	850.8	830.1	814.3	800.8
785.0	767.2	751.5	738.3	726.4	718.0	711.9	706.5	701.6	697.8
694.8	692.1	690.3	689.4	689.0	689.8	691.3	693.3	695.4	697.6
699.8	702.0	704.0	706.5	709.0	711.3	713.2	715.0	716.6	718.0
719.1	720.0	720.7	721.4	722.1	722.8	723.6	724.3	725.0	725.5
726.1	727.8	729.7	731.3	732.9	734.3	735.0	735.1	734.3	732.7
730.3	730.3	729.9	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	993.8	964.2	936.6	903.5	870.5	846.1	826.5	810.7	796.5
779.3	762.2	748.0	736.0	724.8	716.5	710.6	705.1	700.4	696.9
694.2	692.0	690.7	690.2	690.2	690.7	691.7	693.1	694.7	696.5
698.2	700.0	701.8	703.9	706.1	708.1	709.9	711.5	712.9	714.2
715.2	716.0	716.6	717.3	717.9	718.5	719.2	719.8	720.2	720.1
719.0	722.3	724.7	726.5	728.1	729.5	730.1	730.1	729.0	727.1
725.2	723.4	720.8	716.7	0.0	0.0	0.0	0.0	0.0	
0.0	997.6	963.7	935.0	900.8	866.0	842.3	823.5	807.4	792.1
774.7	758.9	745.2	733.6	722.7	714.7	708.9	703.8	699.1	695.5

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692.7   690.5   689.3   689.0   689.1   689.7   690.8   692.0   693.5   695.1
696.7   698.3   699.8   701.7   703.8   705.5   707.1   708.5   709.8   711.0
711.9   712.6   713.2   713.8   714.4   715.1   715.9   716.5   717.0   717.3
717.6   719.1   720.8   722.5   724.2   725.5   726.1   726.0   724.8   722.8
720.8   718.5   715.2   710.3   709.2     0.0     0.0     0.0     0.0
  0.0   999.4   962.9   933.6   898.6   862.1   839.5   820.9   804.5   788.1
771.4   756.3   742.8   731.2   720.7   713.2   707.6   702.5   697.7   693.8
690.8   688.4   687.2   686.9   686.7   687.9   689.2   690.6   692.1   693.6
695.2   696.7   698.2   699.9   701.7   703.4   704.8   706.1   707.3   708.4
709.2   709.8   710.4   711.1   711.6   712.3   713.1   713.7   714.3   714.9
715.5   716.6   717.9   719.2   720.9   722.2   722.8   722.7   721.5   719.7
717.8   715.6   712.2   706.5   708.5     0.0     0.0     0.0     0.0
  0.0  1000.4   961.7   932.1   895.6   858.0   836.7   818.3   801.1   784.2
768.7   753.7   740.2   728.9   718.8   711.5   706.0   700.9   695.9   691.6
688.1   685.2   683.7   683.7   684.4   685.7   687.1   688.8   690.4   692.0
693.6   695.1   696.6   698.2   699.8   701.2   702.6   703.7   704.8   705.8
706.6   707.2   707.8   708.4   708.9   709.6   710.3   711.0   711.7   712.3
713.0   714.0   715.1   716.2   717.7   719.0   719.6   719.6   718.8   717.3
715.7   714.0   711.7   709.4   709.1     0.0     0.0     0.0     0.0
  0.0  1000.6   960.0   930.3   891.9   854.0   833.9   815.6   797.0   780.8
766.2   751.1   737.5   726.6   716.9   709.5   704.1   699.0   694.0   689.2
684.8   680.6   677.7   679.0   681.1   683.2   685.0   686.9   688.8   690.5
692.1   693.6   694.9   696.4   697.9   699.2   700.4   701.4   702.4   703.3
704.0   704.6   705.2   705.7   706.2   706.8   707.6   708.3   709.0   709.7
710.4   711.3   712.4   713.5   714.7   715.9   716.5   716.8   716.4   715.3
714.0   712.8   711.3   710.1   709.5     0.0     0.0     0.0     0.0
  0.0  1000.0   957.4   928.0   888.1   850.0   831.1   812.4   792.9   778.1
763.6   748.5   735.1   724.6   714.5   707.0   701.9   697.1   692.2   687.0
681.2   675.2   663.2   673.3   678.5   681.5   683.7   685.5   687.4   689.2
690.8   692.2   693.4   694.7   696.1   697.3   698.3   699.2   700.0   700.9
701.5   702.1   702.6   703.0   703.5   704.1   704.8   705.5   706.2   706.9
707.7   708.6   709.7   710.7   711.9   713.0   713.5   714.3   714.3   713.5
712.6   711.7   710.7   710.0   709.5     0.0     0.0     0.0     0.0
  0.0   993.8   953.8   925.1   884.4   846.0   828.2   808.6   789.5   775.7
761.1   746.0   733.1   722.5   711.9   704.1   699.3   695.1   690.8   686.0
681.3   677.9   675.7   677.6   679.9   681.8   683.7   685.2   686.7   688.2
689.7   691.0   692.1   693.2   694.4   695.4   696.3   697.1   697.8   698.5
699.0   699.5   699.9   700.4   700.8   701.3   702.0   702.7   703.4   704.1
704.9   705.9   707.0   708.1   709.3   710.5   711.3   712.2   712.3   711.8
711.2   710.6   710.0   709.5   709.1     0.0     0.0     0.0     0.0
  0.0   986.8   950.2   922.7   881.4   842.5   825.9   805.6   787.3   773.7
759.1   744.2   731.5   720.5   709.3   700.8   696.8   693.6   690.1   685.7
680.2   679.7   678.6   679.8   681.3   682.8   684.2   685.4   686.5   687.8
689.0   690.1   691.0   692.1   693.1   694.0   694.7   695.4   695.9   696.5
696.9   697.3   697.7   698.1   698.5   699.0   699.6   700.3   701.0   701.7
702.5   703.5   704.7   705.9   707.2   708.6   709.7   710.5   710.8   710.5
710.1   709.7   709.2   708.9   708.6     0.0     0.0     0.0     0.0
  0.0   979.7   947.2   920.8   878.9   839.7   823.7   803.2   785.7   772.1
757.5   743.0   730.3   719.0   707.1   697.4   694.7   692.5   689.7   686.3
682.8   681.2   680.1   681.1   682.4   683.6   684.8   685.7   686.7   687.6
688.6   689.5   690.3   691.3   692.2   693.0   693.6   694.1   694.4   694.8
695.2   695.6   695.9   696.3   696.7   697.1   697.7   698.3   699.0   699.8
700.6   701.6   702.9   704.1   705.6   707.1   708.3   709.3   709.7   709.5
709.2   709.0   708.6   708.3   708.1     0.0     0.0     0.0     0.0
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  0.0    971.4    944.0    918.9    876.5    837.0    821.3    800.8    784.1    770.6
756.0    741.9    729.0    717.4    704.8    692.8    692.6    691.6    689.6    686.9
684.4    682.4    680.0    682.0    683.4    684.4    685.3    686.1    686.9    687.6
688.2    688.9    689.7    690.6    691.5    692.1    692.5    692.8    692.9    693.2
693.4    693.8    694.1    694.5    694.8    695.2    695.8    696.3    697.0    697.8
698.6    699.7    701.0    702.4    704.0    705.7    707.0    708.1    708.6    708.6
708.4    708.2    708.0    707.8    707.6      0.0      0.0      0.0      0.0
  0.0    961.2    940.7    916.9    874.2    834.6    818.9    798.8    782.7    769.0
754.7    740.8    727.8    715.9    702.7    685.7    690.9    691.0    689.7    687.6
685.7    684.1    683.2    683.8    684.5    685.3    686.0    686.6    687.2    687.6
687.9    688.2    689.0    690.0    690.8    691.3    691.5    691.5    691.3    691.5
691.5    691.9    692.3    692.6    692.9    693.3    693.8    694.3    694.9    695.7
696.6    697.7    699.1    700.6    702.4    704.2    705.8    706.9    707.5    707.7
707.6    707.5    707.3    707.1    706.9      0.0      0.0      0.0      0.0
  0.0    950.0    937.3    914.9    871.8    832.1    816.6    797.1    781.3    767.7
753.7    739.8    726.6    714.5    701.3    688.2    690.2    690.7    689.9    688.3
686.8    685.7    685.2    685.3    685.8    686.3    686.8    687.2    687.6    687.8
687.7    686.9    688.5    689.6    690.2    690.5    690.6    690.4    689.5    689.8
689.3    690.1    690.5    690.8    691.0    691.3    691.7    692.2    692.8    693.5
694.5    695.7    697.2    698.8    700.8    702.8    704.5    705.8    706.5    706.8
706.8    706.8    706.7    706.5    706.3    705.6      0.0      0.0      0.0
  0.0    947.1    934.0    912.8    869.6    829.4    814.4    795.5    779.9    766.4
752.6    738.8    725.5    713.2    700.3    687.6    689.9    690.7    690.3    689.2
688.0    687.1    686.7    686.6    686.9    687.2    687.5    687.9    688.1    688.3
688.3    688.2    688.8    689.4    689.8    689.9    689.9    689.5    688.9    688.7
688.4    688.6    688.8    689.0    689.2    689.3    689.6    690.0    690.5    691.3
692.3    693.6    695.3    697.0    699.2    701.4    703.3    704.7    705.6    705.9
706.0    706.1    706.0    705.9    705.8    705.5      0.0      0.0      0.0
  0.0    943.9    930.8    910.8    867.4    826.6    812.3    794.0    778.5    765.2
751.7    737.9    724.3    712.2    699.9    683.7    689.9    691.0    690.8    690.0
689.1    688.4    688.0    687.6    688.0    688.2    688.4    688.6    688.7    688.8
688.8    688.9    689.1    689.4    689.5    689.3    689.3    688.8    688.2    687.5
687.0    687.1    687.2    687.3    687.3    687.3    687.4    687.7    688.2    689.0
690.0    691.5    693.4    695.3    697.6    700.1    702.1    703.6    704.7    705.1
705.3    705.4    705.4    705.4    705.4    705.2      0.0      0.0      0.0
  0.0    940.5    927.6    908.6    865.2    822.9    810.2    792.5    777.2    764.0
750.8    737.0    723.4    711.4    700.2    689.6    691.1    691.6    691.5    690.8
690.2    689.6    689.3    689.1    689.1    689.2    689.3    689.3    689.4    689.4
689.4    689.4    689.5    689.5    689.4    689.1    688.8    688.2    687.4    686.5
685.0    685.5    685.6    685.5    685.4    685.2    685.2    685.3    685.8    686.6
687.7    689.3    691.4    693.5    696.1    698.8    701.0    702.6    703.8    704.3
704.6    704.7    704.9    704.9    704.9    704.8      0.0      0.0      0.0
  0.0    937.2    924.5    906.4    863.1    822.7    808.4    791.1    776.0    762.9
750.0    736.3    722.5    710.7    700.6    692.8    692.3    692.4    692.2    691.7
691.2    690.7    690.4    690.3    690.2    690.1    690.1    690.1    690.0    690.0
689.9    689.8    689.8    689.6    689.4    688.9    688.4    687.7    686.8    685.7
684.7    684.5    684.2    683.8    683.5    683.1    682.8    682.7    683.1    684.0
685.2    687.0    689.4    691.7    694.6    697.5    699.9    701.7    703.0    703.6
703.9    704.1    704.3    704.4    704.5    704.4      0.0      0.0      0.0
  0.0    934.0    921.3    904.1    861.0    822.2    806.7    789.8    774.7    762.0
749.4    735.6    721.8    709.8    700.9    694.3    693.3    693.3    693.0    692.7
692.2    691.7    691.5    691.3    691.1    691.0    690.9    690.8    690.7    690.6
690.4    690.3    690.1    689.8    689.4    688.8    688.1    687.2    686.1    685.0
684.0    683.4    682.8    682.2    681.6    680.9    680.2    680.0    680.3    681.2
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682.6    684.7    687.3    690.0    693.1    696.3    698.8    700.8    702.2    702.9
703.3    703.6    703.8    703.9    704.0    704.0      0.0      0.0      0.0
  0.0    930.0    917.4    901.1    858.3    821.2    804.7    788.3    773.3    761.0
748.6    734.9    721.2    708.5    701.3    694.8    694.4    694.4    694.2    693.8
693.4    693.0    692.7    692.5    692.3    692.1    691.9    691.7    691.5    691.3
691.0    690.8    690.5    690.0    689.4    688.7    687.7    686.7    685.4    684.1
682.9    681.9    681.0    680.0    679.1    678.0    676.8    676.2    676.3    677.4
679.1    681.6    684.8    687.8    691.3    694.8    697.6    699.7    701.2    702.1
702.5    702.9    703.1    703.3    703.4    703.5      0.0      0.0      0.0
  0.0    925.4    912.8    897.2    854.9    819.7    802.7    786.7    771.8    760.0
747.8    734.5    721.0    705.7    702.0    692.5    695.5    695.9    695.7    695.3
694.9    694.4    694.0    693.8    693.5    693.3    693.0    692.7    692.4    692.1
691.8    691.4    691.0    690.4    689.6    688.6    687.5    686.2    684.7    683.0
681.5    680.2    678.9    677.5    676.0    674.2    672.2    670.8    670.7    672.1
674.5    677.8    681.7    685.3    689.3    693.2    696.2    698.5    700.2    701.2
701.7    702.1    702.4    702.6    702.8    703.0      0.0      0.0      0.0
  0.0    920.9    908.1    892.9    851.4    818.1    801.1    785.1    770.4    759.1
747.3    734.5    721.9    710.2    704.4    698.5    698.0    697.7    697.4    696.9
696.4    695.8    695.3    695.0    694.7    694.4    694.1    693.8    693.4    693.0
692.6    692.1    691.6    690.8    689.8    688.7    687.3    685.8    684.0    682.1
680.2    678.6    676.8    675.0    672.9    670.2    666.8    664.2    663.6    665.7
669.3    673.9    678.7    683.0    687.5    691.8    695.0    697.5    699.3    700.4
700.9    701.3    701.7    701.9    702.2    702.5      0.0      0.0      0.0
  0.0    916.6    903.4    888.1    847.5    816.5    799.5    783.5    769.2    758.4
747.0    734.9    723.3    713.4    706.9    701.8    700.3    699.6    699.0    698.4
697.7    697.1    696.5    696.2    695.9    695.5    695.2    694.8    694.4    693.9
693.4    692.8    692.2    691.3    690.2    688.8    687.3    685.6    683.6    681.4
679.2    677.3    675.1    672.7    670.0    666.2    660.8    655.6    653.5    658.0
663.7    670.1    676.1    681.0    686.0    690.6    694.0    696.6    698.5    699.6
700.2    700.6    701.0    701.3    701.6    702.2      0.0      0.0      0.0
  0.0    911.9    898.7    883.4    844.4    814.9    798.1    782.1    768.3    757.8
746.9    735.5    724.8    716.0    709.2    703.5    702.0    701.1    700.4    699.7
699.0    698.2    697.5    697.3    697.0    696.7    696.3    695.8    695.4    694.8
694.3    693.6    692.9    692.0    690.7    689.2    687.5    685.6    683.5    681.0
678.6    676.4    674.0    671.2    667.9    663.0    655.2    643.7    637.0    648.8
658.4    667.0    674.1    679.5    684.9    689.6    693.2    695.9    697.8    698.9
699.6    700.0    700.4    700.6    700.8      0.0      0.0      0.0      0.0
  0.0    906.8    894.1    878.9    841.5    813.3    796.7    780.8    767.3    757.2
746.9    736.3    726.3    718.2    711.3    706.1    703.5    702.4    701.8    701.1
700.4    699.3    697.9    698.2    698.1    697.8    697.5    697.0    696.5    695.9
695.2    694.5    693.7    692.7    691.3    689.7    687.9    685.9    683.6    681.0
678.4    676.1    673.5    670.6    667.1    661.9    653.2    639.5    614.3    641.6
655.4    665.4    673.0    678.6    684.1    688.9    692.5    695.2    697.3    698.4
699.0    699.5    699.8    700.0    700.2      0.0      0.0      0.0      0.0
  0.0    901.0    888.7    873.2    838.9    811.6    795.1    779.3    766.4    756.8
747.1    737.1    728.0    720.5    713.5    707.8    703.8    703.5    703.3    702.8
702.2    701.4    700.7    700.3    699.9    699.5    699.0    698.4    697.8    697.1
696.4    695.6    694.8    693.7    692.1    690.5    688.6    686.5    684.1    681.4
678.8    676.6    674.0    671.2    668.0    663.4    656.5    648.1    639.0    649.0
657.9    666.1    673.0    678.3    683.7    688.4    692.0    694.7    696.7    697.8
698.5    698.9    699.3    699.5    699.6      0.0      0.0      0.0      0.0
  0.0    894.7    882.6    867.3    835.6    809.6    793.2    777.6    765.3    756.4
747.6    738.3    729.8    722.9    715.9    709.1    700.6    704.5    705.2    705.0
704.4    703.7    703.1    702.5    702.0    701.4    700.8    700.2    699.5    698.7
```

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```
697.9    697.1    696.2    694.9    693.3    691.6    689.7    687.5    685.2    682.5
680.1    678.0    675.8    673.4    670.8    667.4    663.1    659.2    657.0    659.6
663.9    669.2    674.5    679.0    683.8    688.3    691.7    694.3    696.3    697.4
698.0    698.5    698.8    699.0    699.1      0.0      0.0      0.0      0.0
  0.0    888.7    876.7    861.9    832.1    807.5    791.0    776.1    764.5    756.1
748.1    739.7    731.8    725.2    718.8    713.2    709.0    708.5    708.1    707.5
706.9    706.1    705.4    704.8    704.2    703.5    702.8    702.0    701.3    700.4
699.6    698.6    697.7    696.4    694.7    692.9    691.0    688.8    686.6    684.1
681.9    680.0    678.1    676.2    674.2    671.8    669.1    667.0    666.2    667.3
669.5    672.8    676.8    680.4    684.5    688.6    691.8    694.2    696.1    697.2
697.8    698.2    698.5    698.7    698.8      0.0      0.0      0.0      0.0
  0.0    883.0    870.9    857.0    828.3    805.4    788.8    774.8    763.6    755.8
748.7    741.1    734.0    727.8    721.7    716.9    713.6    712.2    711.2    710.3
709.5    708.6    707.7    707.0    706.3    705.6    704.8    704.0    703.1    702.2
701.3    700.3    699.3    698.0    696.3    694.5    692.5    690.4    688.2    685.9
683.9    682.2    680.6    679.0    677.4    675.6    673.8    672.5    672.2    672.7
674.1    676.3    679.2    682.2    685.6    689.2    692.1    694.4    696.1    697.1
697.7    698.0    698.3    698.5    698.6      0.0      0.0      0.0      0.0
  0.0    877.5    865.2    851.6    824.9    803.4    786.7    773.6    762.5    755.5
749.3    742.6    736.2    730.6    725.0    720.3    716.4    715.4    714.3    713.2
712.1    711.1    710.1    709.3    708.5    707.7    706.8    706.0    705.0    704.1
703.1    702.1    701.0    699.7    698.0    696.1    694.2    692.1    690.0    687.7
685.9    684.4    682.9    681.5    680.2    678.8    677.4    676.5    676.3    676.7
677.7    679.3    681.6    684.0    686.9    690.0    692.7    694.8    696.3    697.3
697.7    698.1    698.3    698.4    698.5      0.0      0.0      0.0      0.0
  0.0    872.3    859.4    846.0    822.2    801.4    784.6    772.4    761.0    755.0
749.9    744.1    738.4    733.4    728.3    724.2    721.2    719.1    717.4    716.0
714.8    713.5    712.5    711.6    710.8    709.9    708.9    708.0    707.0    706.0
705.0    703.9    702.8    701.5    699.7    697.9    695.9    693.9    691.8    689.6
687.8    686.4    685.0    683.7    682.5    681.2    680.0    679.3    679.3    679.7
680.5    681.9    683.8    685.8    688.3    691.1    693.5    695.3    696.7    697.6
698.0    698.2    698.4    698.5    698.5      0.0      0.0      0.0      0.0
  0.0    866.2    852.1    839.7    818.9    799.5    781.5    771.0    758.2    754.2
750.8    746.1    741.2    736.7    732.3    728.7    726.0    723.7    721.5    719.8
718.4    717.0    715.8    714.8    713.8    712.9    711.8    710.8    709.8    708.7
707.5    706.3    705.2    703.8    702.1    700.2    698.2    696.2    694.0    691.8
690.0    688.5    687.1    685.8    684.5    683.2    682.0    681.6    681.7    682.3
683.3    684.6    686.3    688.1    690.3    692.6    694.6    696.3    697.5    698.2
698.5    698.7    698.8    698.9      0.0      0.0      0.0      0.0      0.0
  0.0    859.6    843.0    833.0    815.7    798.5    783.7    770.4    751.3    753.5
752.5    748.8    744.5    740.6    736.6    733.3    730.8    728.5    726.3    724.4
722.8    721.1    719.7    718.7    717.7    716.7    715.6    714.5    713.3    712.1
710.9    709.7    708.4    706.9    705.1    703.2    701.2    699.1    696.8    694.4
692.3    690.7    689.0    687.2    685.5    683.4    681.5    681.8    682.8    684.2
685.6    687.3    689.1    690.7    692.7    694.7    696.4    697.7    698.7    699.3
699.6    699.7    699.6    699.5      0.0      0.0      0.0      0.0      0.0
  0.0    853.8    831.1    827.0    813.3    798.1    785.5    773.0    761.3    758.3
755.7    751.9    747.9    744.3    740.6    737.5    735.1    732.8    730.6    728.6
726.9    725.3    723.9    722.8    721.6    720.5    719.3    718.1    716.9    715.7
714.4    713.1    711.8    710.2    708.4    706.5    704.5    702.3    700.1    697.6
695.3    693.3    691.1    688.6    685.6    680.9    672.6    678.3    682.6    685.6
687.9    690.0    692.0    693.6    695.3    697.0    698.4    699.5    700.5    701.0
701.1    701.1    700.8      0.0      0.0      0.0      0.0      0.0      0.0
  0.0    849.1    816.7    823.2    811.6    798.1    787.1    776.0    767.2    762.8
```

759.2	755.2	751.4	747.9	744.4	741.5	739.1	736.8	734.6	732.6
730.9	729.2	727.7	726.6	725.4	724.2	723.0	721.8	720.6	719.3
718.1	716.8	715.4	713.7	711.9	710.0	708.1	706.1	704.0	701.7
699.6	697.9	696.1	694.1	692.0	689.3	686.0	683.6	687.3	689.9
691.9	693.8	695.5	696.9	698.3	699.7	700.7	701.7	702.6	703.1
703.4	703.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	844.6	822.5	821.0	810.6	798.6	789.0	779.3	771.9	767.4
763.3	759.2	755.3	752.0	748.5	745.7	743.5	741.2	738.9	737.0
735.2	733.5	732.0	730.9	729.7	728.5	727.3	726.1	724.9	723.6
722.4	721.1	719.8	718.1	716.2	714.5	712.7	710.9	709.0	707.1
705.5	704.2	702.9	701.6	700.4	699.0	697.7	697.0	697.2	697.7
698.4	699.3	700.3	701.1	702.1	702.9	703.8	704.6	705.2	705.8
706.4	707.0	707.8	708.2	0.0	0.0	0.0	0.0	0.0	
0.0	841.5	825.6	820.2	810.6	799.7	791.0	782.8	776.3	771.9
767.7	763.5	759.6	756.3	753.0	750.2	748.0	745.7	743.5	741.5
739.8	738.1	736.7	735.6	734.4	733.3	732.1	730.9	729.7	728.5
727.3	726.1	724.9	723.3	721.4	719.6	718.0	716.4	714.8	713.2
711.9	710.9	710.0	709.1	708.2	707.3	706.4	705.8	705.5	705.3
705.4	705.6	705.9	706.3	706.7	707.1	707.6	707.9	708.1	707.9
708.9	709.7	710.4	711.2	712.2	713.0	713.4	0.0	0.0	
0.0	839.5	827.0	820.4	811.4	801.1	792.8	785.9	780.2	776.0
771.8	767.5	763.7	760.3	757.1	754.3	752.1	749.9	747.8	745.8
744.2	742.5	741.2	740.0	738.9	737.8	736.7	735.6	734.4	733.3
732.1	731.0	729.8	728.4	726.7	724.9	723.2	721.7	720.3	718.9
717.8	716.9	716.0	715.2	714.5	713.7	713.0	712.3	711.9	711.5
711.3	711.2	711.2	711.2	711.1	711.2	711.4	711.5	711.7	711.9
712.2	712.5	712.8	713.3	713.9	714.5	715.0	715.6	0.0	
0.0	838.2	827.7	821.2	812.9	803.1	794.1	788.9	783.7	779.7
775.7	771.4	767.7	764.3	760.8	758.2	756.0	753.8	751.7	749.9
748.3	746.7	745.3	744.3	743.2	742.1	741.0	740.0	738.9	737.8
736.7	735.6	734.6	733.2	731.7	730.1	728.5	727.0	725.6	724.3
723.2	722.4	721.6	720.8	720.1	719.2	718.3	717.6	717.1	716.7
716.3	716.0	715.7	715.5	715.2	715.2	715.1	715.0	715.0	715.0
714.9	714.8	714.5	715.2	715.8	716.2	716.6	716.9	0.0	
0.0	837.6	827.8	822.5	815.4	806.1	798.8	792.8	787.6	783.5
779.4	775.3	771.5	768.3	764.9	762.1	759.8	757.6	755.4	753.6
752.1	750.5	749.2	748.2	747.1	746.1	745.0	744.0	743.0	741.9
740.9	739.9	738.9	737.6	736.1	734.7	733.3	731.9	730.6	729.4
728.4	727.7	726.9	726.2	725.4	724.5	723.5	722.7	721.9	721.3
720.8	720.3	719.9	719.6	719.2	718.9	718.6	718.4	718.2	718.1
718.0	718.0	718.0	718.2	718.3	718.5	718.7	718.8	0.0	
0.0	0.0	827.8	824.3	819.1	809.9	802.7	796.5	791.5	787.5
783.3	779.1	775.3	772.1	768.8	766.0	763.8	761.6	759.4	757.6
756.0	754.4	753.2	752.1	751.1	750.1	749.1	748.1	747.1	746.1
745.1	744.1	743.1	741.9	740.5	739.1	737.8	736.5	735.2	734.0
733.1	732.3	731.6	730.9	730.2	729.4	728.4	727.5	726.7	725.9
725.2	724.6	724.0	723.5	723.0	722.4	721.9	721.6	721.3	721.0
720.9	720.9	720.8	720.8	720.8	720.8	720.9	720.9	0.0	
0.0	0.0	828.5	827.2	825.1	814.5	807.2	800.6	795.6	791.9
787.8	783.5	779.6	776.3	773.0	770.4	768.2	766.1	764.0	762.2
760.7	759.2	757.9	756.9	755.9	754.9	753.9	753.0	752.0	751.0
750.1	749.2	748.2	747.1	745.7	744.4	743.1	741.8	740.6	739.4
738.4	737.7	736.9	736.2	735.5	734.6	733.6	732.6	731.8	731.0
730.3	729.5	728.6	727.9	727.2	726.4	725.7	725.2	724.7	724.4

```
   724.2    724.1    724.0    723.8    723.8    723.7    723.6    723.6      0.0
     0.0      0.0    829.7    830.3    834.5    819.2    811.1    804.5    799.5    795.7
   791.8    787.7    783.8    780.4    777.2    774.5    772.4    770.3    768.3    766.5
   765.0    763.6    762.4    761.4    760.4    759.5    758.5    757.6    756.7    755.7
   754.8    753.9    753.0    751.9    750.6    749.3    748.0    746.8    745.5    744.3
   743.4    742.6    741.8    741.1    740.4    739.5    738.4    737.5    736.6    735.7
   735.0    734.1    733.1    732.3    731.3    730.3    729.5    728.8    728.2    727.8
   727.5    727.3    727.1    727.0    726.8    726.7    726.6    726.5      0.0
     0.0      0.0    830.5    831.7    835.9    820.8    813.4    807.2    802.4    798.7
   794.8    790.5    786.8    783.5    780.3    777.6    775.6    773.5    771.5    769.7
   768.2    766.8    765.6    764.6    763.7    762.7    761.8    760.9    760.0    759.1
   758.2    757.3    756.4    755.4    754.1    752.8    751.6    750.4    749.2    748.0
   747.0    746.2    745.5    744.7    743.9    743.0    742.0    741.1    740.2    739.3
   738.4    737.5    736.5    735.6    734.5    733.4    732.5    731.6    730.9    730.4
   730.1    729.9    729.7    729.5    729.3    729.1    729.0    728.8      0.0
     0.0      0.0    830.8    831.7    833.2    821.8    814.4    808.6    804.1    800.5
   796.8    792.6    788.8    785.6    782.4    779.8    777.7    775.6    773.6    771.8
   770.4    768.9    767.7    766.7    765.7    764.8    763.8    762.9    762.0    761.0
   760.1    759.2    758.3    757.4    756.2    755.0    753.8    752.7    751.5    750.3
   749.4    748.7    747.9    747.2    746.4    745.5    744.5    743.5    742.5    741.6
   740.8    739.8    738.8    737.8    736.7    735.6    734.6    733.7    732.9    732.4
   732.1    731.8    731.5    731.3    731.1    730.9    730.7    730.4      0.0
     0.0      0.0    830.7    831.2    830.0    822.0    815.0    809.0    804.7    801.3
   797.8    793.8    789.9    786.7    783.5    780.9    778.8    776.8    774.8    773.0
   771.5    770.0    768.8    767.8    766.8    765.8    764.8    763.8    762.8    761.9
   761.1    760.3    759.5    758.5    757.3    756.2    755.0    753.8    752.7    751.5
   750.6    749.8    749.1    748.4    747.7    746.7    745.7    744.7    743.8    742.9
   742.0    741.0    740.0    739.0    737.9    736.8    735.8    734.9    734.2    733.6
   733.3    733.0    732.8    732.6    732.4    732.2    732.1      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
 31536000.             1      1.0
```

Listing 2. Input values for the Output Control Option of the BASIC package of the MODULAR program

```
0          0         54         0
0         -1         -1        -1
1          0          1         0
```

Listing 3. Input values for the BCF package of the MODULAR program

```
  1       53
  0 0 0 0 0 0 0 0 0 0
          7       1.0           (10F5.1)            0           ANISOTROPY FAC
   1.0   1.0   1.0   1.0    1.0   1.0   1.0   1.0   1.0   1.0
          7      1000.          (8F10.0)            0           DELR
         18         24        20         18         18         12
 12        12
          8          8         8          8          6          6
  6         4
          4          4         4          3          3          3
  2         2
          2          2         2          2          2          2
  2         2
          2          3         3          3          3          3
  3         3
          2          2         2          2          2          3
  3         3
          3          3         3          4          4          4
  6         6
          6          6         6          4          3          3
  3         3
          4          4         4          6          4
          7      1000.          (8F10.0)            0           DELC
         18         20        18         18         12          8
  8         8
          8          6         6          6          4          4
  4         3
          3          3         3          3          3          2
  2         2
          2          2         2          2          2          2
  2         3
          3          3         3          3          3          4
  4         4
          4          4         4          6          6          6
  6         8
          8          8         8          8          8         12
 12        12
         12         12        12
         70.6180E-02         (F6.4,7F10.3)           0           TRANS   1
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
```

```
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
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0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
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0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
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0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
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0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
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0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
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0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    2.247     2.247     11.24     11.24     11.24     2.247
2.247     2.247     2.247     2.247     2.247     2.247     2.247     2.247
2.247     0.5619    0.5619    0.5619    0.5619    0.5619    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    11.24     0.0000    0.0000    0.0000    11.24     11.24
11.24     11.24     11.24     11.24     2.247     2.247     2.247     2.247
5.244     5.244     2.247     5.244     8.240     41.20     11.24     2.247
2.247     2.247     2.247     2.247     2.247     2.247     2.247     2.247
2.247     0.5619    0.5619    0.5619    0.5619    0.5619    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    11.24     11.24
11.24     11.24     11.24     0.0000    0.0000    0.0000    11.24     11.24
11.24     2.247     2.247     5.244     2.247     2.247     2.247     2.247
2.247     2.247     2.247     5.244     8.240     5.244     5.244     2.247
2.247     2.247     4.495     4.495     2.247     2.247     2.247     2.247
1.807     0.5619    0.5619    0.5619    0.5619    0.5619    0.5619    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    11.24     11.24
11.24     11.24     11.24     11.24     0.0000    0.0000    11.24     11.24
11.24     2.247     5.244     5.244     5.244     2.247     2.247     2.247
2.247     2.247     2.247     5.244     4.495     2.247     5.244     2.247
```

2.247	2.247	5.244	4.495	1.498	2.247	2.247	1.807
4.216	0.5619	1.311	0.3746	0.5619	0.5619	0.5619	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.247	2.247	2.247	2.247	2.247	2.247	2.247	11.24
11.24	11.24	11.24	11.24	11.24	0.0000	11.24	11.24
2.247	2.247	2.247	2.247	5.244	2.247	5.244	5.244
5.244	5.244	2.247	2.247	4.495	5.244	2.247	5.244
2.247	2.247	2.247	2.247	2.247	2.247	1.807	1.807
1.807	0.5619	1.124	1.124	0.5619	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.247	2.247	2.247	2.247	2.247	2.247	2.247	11.24
11.24	11.24	11.24	11.24	11.24	0.0000	11.24	11.24
11.24	2.247	2.247	2.247	2.247	4.495	7.491	1.498
4.495	2.247	5.244	5.244	2.247	2.247	2.247	5.244
5.244	2.247	2.247	5.244	2.247	2.247	1.807	1.807
0.5619	0.5619	0.5619	1.873	0.5619	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.247	2.247	2.247	2.247	2.247	2.247	2.247	2.247
11.24	11.24	11.24	11.24	11.24	0.0000	11.24	11.24
11.24	11.24	2.247	2.247	7.491	4.495	4.495	1.498
4.495	4.495	4.495	2.247	5.244	5.244	4.495	2.247
2.247	5.244	5.244	2.247	2.247	1.807	1.807	1.807
0.5619	0.5619	0.5619	1.873	0.5619	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.247	2.247	5.244	2.247	2.247	8.240	2.247	2.247
2.247	2.247	4.495	1.498	2.247	0.0000	11.24	11.24
11.24	11.24	22.47	4.495	4.495	1.498	4.495	4.495
4.495	4.495	4.495	7.491	5.244	5.244	7.491	4.495
4.495	4.495	5.244	5.244	4.216	4.216	4.216	1.124
1.124	1.873	2.060	1.873	0.5619	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.247	2.247	5.244	2.247	2.247	2.247	2.247	2.247
2.247	2.247	4.495	1.498	2.247	0.0000	11.24	11.24
11.24	11.24	7.491	7.491	1.498	4.495	7.491	7.491
10.49	7.491	7.491	7.491	4.495	5.244	5.244	4.495
1.498	1.498	1.205	3.614	4.216	4.216	1.311	1.124
1.124	1.124	1.124	1.124	0.3746	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.247	2.247	5.244	2.247	2.247	2.247	2.247	2.247
2.247	2.247	4.495	2.247	5.244	0.0000	11.24	11.24
11.24	22.47	7.491	7.491	22.47	7.491	7.491	7.491
7.491	7.491	10.49	10.49	10.49	2.247	5.244	2.247

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1.807      1.205      4.216      4.216      1.807      1.311      1.311      1.311
1.124      1.124      1.124      1.873      1.873      0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
2.247      2.247      5.244      8.240      2.247      4.495      4.495      2.247
4.495      2.247      2.247      2.247      26.22      0.0000     0.0000     11.24
7.491      7.491      7.491      22.47      37.46      6.023      6.023      8.432
8.432      8.432      8.432      8.432      8.432      8.432      10.84      4.216
1.807      4.216      4.216      4.216      1.311      1.311      1.311      0.5619
1.124      1.124      2.622      1.873      1.873      0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
2.247      2.247      5.244      7.491      2.247      4.495      4.495      2.247
2.247      2.247      2.247      2.247      4.216      1.807      0.0000     0.0000
0.0000     0.0000     0.0000     3.614      3.614      3.614      3.614      6.023
8.432      8.432      8.432      6.023      3.614      3.614      6.023      1.807
1.807      1.807      1.807      0.5619     0.5619     1.311      1.311      0.5619
1.124      1.873      2.622      1.873      0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
2.247      8.240      2.247      7.491      2.247      4.495      2.247      2.247
2.247      2.247      2.247      1.807      4.216      3.614      0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     3.614      3.614      3.614      3.614
6.023      8.432      6.023      6.023      1.205      3.614      6.023      1.807
1.807      1.807      0.5619     0.5619     1.311      1.311      1.311      1.311
1.124      1.873      2.622      0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
2.247      8.240      2.247      7.491      7.491      4.495      2.247      2.247
2.247      4.216      1.807      1.807      4.216      3.614      3.614      3.614
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     3.614      3.614
6.023      8.432      6.023      3.614      3.614      9.035      9.035      3.614
3.614      3.614      0.5619     0.5619     1.311      0.5619     0.5619     1.311
1.873      2.622      0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
2.247      8.240      2.247      7.491      10.49      2.247      5.244      1.807
1.807      4.216      1.807      1.807      4.216      1.807      3.614      3.614
3.614      0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     6.023
6.023      6.023      6.023      3.614      3.614      9.035      6.023      3.614
3.614      1.124      0.5619     1.311      0.5619     0.5619     0.5619     1.311
2.622      2.622      0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
2.247      8.240      8.240      7.491      10.49      2.247      4.216      1.807
1.807      1.807      1.807      1.807      1.807      1.807      3.614      3.614
3.614      3.614      0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
3.614      6.023      6.023      3.614      3.614      6.023      3.614      3.614
```

4.495	4.495	2.247	2.247	0.5619	1.311	0.5619	1.311
2.622	1.873	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.247	5.244	4.495	7.491	10.49	2.247	4.216	1.807
1.807	1.807	4.216	1.807	1.807	1.807	8.432	3.614
3.614	1.205	1.205	1.205	0.0000	0.0000	0.0000	0.0000
0.0000	3.614	3.614	1.205	6.023	6.023	3.614	3.614
2.247	2.247	2.247	2.247	0.0000	0.5619	0.5619	1.311
1.873	1.873	0.3746	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.247	2.247	7.491	7.491	10.49	1.807	4.216	1.807
1.807	1.807	4.216	1.807	1.807	1.807	3.614	3.614
3.614	1.205	1.205	1.205	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	1.205	1.205	6.023	3.614	3.614	4.495
4.495	2.247	2.247	2.247	0.0000	2.247	0.5619	0.5619
1.124	1.124	0.5619	1.124	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.247	5.244	7.491	4.495	7.491	1.807	1.807	1.807
1.807	1.807	4.216	1.807	1.807	1.807	3.614	3.614
1.807	3.614	1.205	1.205	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	1.205	1.205	3.614	3.614	3.614	4.495
4.495	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.5619	0.5619	0.5619	0.3746	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5.244	5.244	7.491	7.491	8.432	1.807	1.807	1.807
1.807	1.807	1.807	1.807	1.807	4.216	3.614	1.205
4.216	1.205	1.205	1.205	1.205	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.205	3.614	1.205	1.498	1.498
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.5619	0.5619	0.3746	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.247
5.244	5.244	7.491	7.491	8.432	1.807	1.807	1.807
1.807	1.807	1.807	4.216	1.807	1.807	3.614	3.614
1.807	1.807	3.614	1.205	1.205	1.205	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	3.614	1.205	4.495	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.247
5.244	2.247	2.247	1.807	8.432	1.807	1.807	1.807
4.216	1.807	1.807	4.216	6.625	1.807	3.614	3.614
1.807	1.807	1.807	3.614	1.205	1.205	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.244
5.244	5.244	2.247	4.216	1.807	1.807	1.807	1.807
1.807	1.807	1.807	4.216	4.216	3.614	3.614	3.614
1.807	1.807	1.807	1.807	3.614	1.205	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.247
5.244	8.240	5.244	6.625	1.807	1.807	1.807	1.807
1.807	1.807	1.807	1.807	8.432	3.614	1.807	1.807
1.807	1.807	1.807	1.807	3.614	1.205	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.247
5.244	5.244	8.240	6.625	1.807	4.216	1.807	1.807
1.807	1.807	1.807	1.807	3.614	1.807	1.807	1.807
1.807	1.807	1.807	3.614	6.023	3.614	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.247
2.247	8.240	1.807	4.216	4.216	4.216	1.807	1.807
1.807	1.807	1.807	1.807	1.807	1.807	1.807	1.807
1.807	1.807	1.807	1.807	1.807	1.807	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.247
2.247	8.240	4.216	4.216	4.216	1.807	4.216	1.807
4.216	4.216	4.216	1.807	1.807	1.807	1.807	1.807
1.807	1.807	1.807	1.807	1.807	1.807	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.247
2.247	5.244	1.807	1.807	1.807	1.807	4.216	4.216
4.216	1.807	4.216	1.807	1.807	1.807	1.807	1.807
1.807	1.807	1.807	1.807	1.807	1.807	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 2.247     2.247     1.807     1.807     1.807     1.807     4.216     1.807
 1.807     1.807     4.216     6.625     1.807     1.807     1.807     1.807
 1.807     1.807     1.807     1.807     4.216     1.807     0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 2.247     2.247     1.807     1.807     1.807     1.807     1.807     1.807
 1.807     1.807     1.807     4.216     1.807     1.807     1.807     1.807
 1.807     1.807     1.807     1.807     1.807     1.807     0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.5619    0.5619    0.5619    0.5619    0.5619    0.5619    0.5619    2.247
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    2.247     1.807     1.807     1.807     1.807     1.807     1.807
 1.807     1.807     1.807     1.807     1.807     1.807     1.807     1.807
 1.807     1.807     1.807     1.807     0.0000    0.0000    0.0000    2.247
 2.247     0.5619    0.5619    0.5619    0.5619    2.247     2.247     2.247
 0.5619    0.5619    0.5619    0.5619    0.5619    0.5619    0.5619    0.5619
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    1.807     1.807     1.807     1.807     1.807     4.216     1.807
 4.216     4.216     1.807     1.807     1.807     1.807     1.807     1.807
 1.807     1.807     0.0000    0.0000    0.0000    1.807     2.247     2.247
 0.5619    0.5619    0.5619    1.311     1.311     0.5619    2.247     2.247
 2.247     0.5619    1.311     0.5619    0.5619    0.5619    1.311     0.5619
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    2.247     2.247     2.247     0.5619
 0.5619    0.5619    0.5619    0.5619    1.311     1.311     1.311     2.247
 2.247     2.247     0.5619    0.5619    0.5619    0.5619    0.5619    0.5619
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    2.247     2.247     0.5619    0.5619    0.5619    0.5619
 0.5619    0.5619    0.5619    0.5619    0.5619    0.5619    0.5619    0.5619
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0.5619    2.247     2.247     2.247     2.247     0.5619    0.5619    0.5619
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.5619    0.5619    0.5619    0.5619    0.5619    0.5619    0.5619
0.5619    0.5619    0.5619    0.5619    0.5619    0.5619    1.311     0.5619
0.5619    0.5619    0.5619    0.5619    2.247     2.247     2.247     2.247
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.5619    0.5619    0.5619
2.247     2.247     2.247     2.247     2.247     2.247     2.247     2.247
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.5619    0.5619    0.5619
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    2.247     2.247     2.247
2.247     2.247     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    2.247     0.5619    0.5619    0.5619    0.5619    2.247
2.247     2.247     2.247     2.247     0.0000    0.0000    0.0000    0.0000
0.0000    5.244     2.247     2.247     2.247     2.247     2.247     2.247
2.247     2.247     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    1.405     1.405     1.405     2.247     2.247     2.247
2.247     1.498     7.491     4.495     5.244     2.247     2.247     2.247
2.247     4.495     4.495     5.244     2.247     2.247     2.247     2.247
2.247     2.247     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    1.405     1.405     1.405     1.405
1.405     0.9364    4.682     2.809     2.809     3.277     1.405     2.247
2.247     2.247     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
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 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    2.247     2.247
 2.247     2.247     1.405     1.405     1.405     1.405     1.405     2.247
 2.247     2.247     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
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 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    2.247     2.247     2.247     2.247
 2.247     2.247     2.247     2.247     2.247     2.247     2.247     2.247
 2.247     2.247     2.247     2.247     2.247     2.247     2.247     2.247
 2.247     2.247     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    2.247     2.247     2.247     2.247
 2.247     2.247     2.247     2.247     2.247     2.247     2.247     2.247
 2.247     2.247     2.247     2.247     2.247     2.247     2.247     0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    1.405     1.405     1.405
 1.405     1.405     1.405     1.405     1.405     1.405     1.405     1.405
 1.405     1.405     1.405     1.405     1.405     1.405     0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    1.405     1.405     1.405
 1.405     1.405     1.405     0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
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 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
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0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
0.0000      0.0000      0.0000      0.0000      0.0000
        7        1.0         (6X,6G12.5)           0           VCONT 12
      0.00000     0.00000     0.00000     0.00000     0.00000     0.00000
      0.00000     0.00000     0.00000     0.00000     0.00000     0.00000
      0.00000     0.00000     0.00000     0.00000     0.00000     0.00000
      0.00000     0.00000     0.00000     0.00000     0.00000     0.00000
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0.65584E-10  0.16042E-09  0.14089E-09  0.77156E-09  0.77156E-09  0.46288E-09
0.21697E-09  0.21697E-09  0.17358E-09  0.24796E-09  0.17358E-09  0.17358E-09
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0.38477E-10  0.28930E-09  0.28930E-09  0.16042E-09  0.16042E-09  0.16042E-09
0.21697E-09  0.21697E-09  0.12399E-09  0.57860E-09  0.21697E-09  0.17358E-09
0.12790E-09  0.11147E-09  0.67494E-10  0.40502E-10  0.67494E-10  0.00000
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0.21697E-09  0.12399E-09  0.34716E-09  0.57860E-09  0.21697E-09  0.17358E-09
0.11147E-09  0.11147E-09  0.67494E-10  0.40502E-10  0.67494E-10  0.00000
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0.21697E-09  0.21697E-09  0.86790E-09  0.43395E-09  0.21697E-09  0.17358E-09
0.11147E-09  0.12790E-09  0.67494E-10  0.40502E-10  0.67494E-10  0.00000
0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
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0.00000      0.00000      0.00000
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0.12790E-09  0.12790E-09  0.64977E-10  0.67494E-10  0.67494E-10  0.00000
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0.15000E-09  0.15000E-09  0.57860E-09  0.15000E-09  0.67494E-10  0.00000
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0.77156E-09  0.16042E-09  0.18622E-09  0.18622E-09  0.00000      0.00000
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0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.57860E-09  0.57860E-09  0.43395E-09  0.18136E-09  0.67494E-10  0.67494E-10
0.20251E-09  0.00000      0.00000      0.00000      0.00000      0.00000
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0.00000       0.00000       0.00000
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0.46288E-09   0.77156E-09   0.11306E-08   0.46288E-09   0.16042E-09   0.18622E-09
0.46288E-09   0.18622E-09   0.18622E-09   0.18622E-09   0.18622E-09   0.00000
0.00000       0.00000       0.00000       0.00000       0.00000       0.39808E-10
0.62084E-10   0.18622E-09   0.18136E-09   0.18136E-09   0.20251E-09   0.00000
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0.00000       0.57860E-09   0.43395E-09   0.18136E-09   0.67494E-10   0.67494E-10
0.20251E-09   0.00000       0.00000       0.00000       0.00000       0.00000
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0.00000       0.00000       0.00000
0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
0.00000       0.21697E-09   0.17358E-09   0.28930E-09   0.12790E-09   0.12790E-09
0.12559E-09   0.11465E-08   0.11572E-08   0.11572E-08   0.77156E-09   0.11572E-08
0.46288E-09   0.28930E-09   0.11306E-08   0.77156E-09   0.16042E-09   0.16042E-09
0.77156E-09   0.77156E-09   0.16042E-09   0.18622E-09   0.18622E-09   0.18622E-09
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0.00000       0.00000       0.00000
0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
0.00000       0.21697E-09   0.17358E-09   0.21697E-09   0.57860E-09   0.57860E-09
0.12559E-09   0.11448E-08   0.11572E-08   0.11572E-08   0.33067E-09   0.11572E-08
0.57860E-09   0.57629E-09   0.25716E-09   0.77156E-09   0.16042E-09   0.16042E-09
0.11572E-08   0.77156E-09   0.57860E-09   0.16042E-09   0.18622E-09   0.65584E-10
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0.00000       0.00000       0.00000
0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
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0.46288E-09   0.11572E-08   0.77156E-09   0.11572E-08   0.46288E-09   0.77156E-09
0.57860E-09   0.57629E-09   0.33067E-09   0.16042E-09   0.16042E-09   0.16042E-09
0.11572E-08   0.77156E-09   0.57860E-09   0.77156E-09   0.16042E-09   0.65584E-10
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0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
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0.46288E-09   0.46288E-09   0.77156E-09   0.77156E-09   0.11572E-08   0.77156E-09
0.28930E-09   0.11505E-08   0.12559E-09   0.16042E-09   0.77156E-09   0.77156E-09
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0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.21697E-09  0.21697E-09  0.21697E-09  0.46288E-09  0.33067E-09
0.33067E-09  0.33067E-09  0.28930E-09  0.28930E-09  0.11572E-08  0.11572E-08
0.57860E-09  0.57860E-09  0.46288E-09  0.46288E-09  0.77156E-09  0.57860E-09
0.57860E-09  0.57860E-09  0.77156E-09  0.77156E-09  0.57860E-09  0.77156E-09
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0.33067E-09  0.46288E-09  0.33067E-09  0.28930E-09  0.33067E-09  0.46288E-09
0.23144E-09  0.28930E-09  0.57860E-09  0.77156E-09  0.77156E-09  0.57860E-09
0.57860E-09  0.57860E-09  0.57860E-09  0.57860E-09  0.57860E-09  0.77156E-09
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0.28930E-09  0.46288E-09  0.33067E-09  0.23144E-09  0.33067E-09  0.28930E-09
0.23144E-09  0.28930E-09  0.57860E-09  0.77156E-09  0.57860E-09  0.57860E-09
0.57860E-09  0.57860E-09  0.57860E-09  0.57860E-09  0.57860E-09  0.77156E-09
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0.23144E-09     0.19288E-09     0.57860E-09     0.57860E-09     0.57860E-09     0.57860E-09
0.57860E-09     0.57860E-09     0.57860E-09     0.57860E-09     0.33067E-09     0.77156E-09
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0.00000         0.00000         0.43395E-09     0.43395E-09     0.57860E-09     0.28930E-09
0.57860E-09     0.57860E-09     0.28930E-09     0.28930E-09     0.28930E-09     0.28930E-09
0.57860E-09     0.23144E-09     0.57860E-09     0.57860E-09     0.57860E-09     0.57860E-09
0.57860E-09     0.57860E-09     0.57860E-09     0.57860E-09     0.57860E-09     0.57860E-09
0.00000         0.00000         0.00000         0.00000         0.00000         0.00000
0.00000         0.00000         0.00000         0.00000         0.43395E-09     0.43395E-09
0.21697E-09     0.21697E-09     0.21697E-09     0.21697E-09     0.57860E-09     0.43395E-09
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0.00000         0.00000         0.00000
0.00000         0.00000         0.00000         0.00000         0.00000         0.00000
0.00000         0.00000         0.00000         0.43395E-09     0.57860E-09     0.57860E-09
0.57860E-09     0.28930E-09     0.57860E-09     0.28930E-09     0.28930E-09     0.28930E-09
0.28930E-09     0.57860E-09     0.57860E-09     0.57860E-09     0.57860E-09     0.57860E-09
0.57860E-09     0.57860E-09     0.57860E-09     0.28930E-09     0.00000         0.00000
0.00000         0.43395E-09     0.43395E-09     0.43395E-09     0.21697E-09     0.21697E-09
0.43395E-09     0.43395E-09     0.43395E-09     0.43395E-09     0.43395E-09     0.43395E-09
0.57860E-09     0.57860E-09     0.57860E-09     0.43395E-09     0.21697E-09     0.43395E-09
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0.00000         0.00000         0.00000         0.57860E-09     0.57860E-09     0.57860E-09
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0.57860E-09     0.57860E-09     0.00000         0.00000         0.00000         0.57860E-09
0.43395E-09     0.43395E-09     0.43395E-09     0.43395E-09     0.14465E-09     0.12399E-09
0.12399E-09     0.14465E-09     0.21697E-09     0.43395E-09     0.43395E-09     0.43395E-09
0.17358E-09     0.21697E-09     0.21697E-09     0.21697E-09     0.17358E-09     0.43395E-09
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0.00000        0.00000        0.00000        0.00000        0.43395E-09 0.43395E-09
0.43395E-09 0.43395E-09 0.43395E-09 0.43395E-09 0.21697E-09 0.21697E-09
0.12399E-09 0.12399E-09 0.17358E-09 0.21697E-09 0.21697E-09 0.21697E-09
0.43395E-09 0.43395E-09 0.43395E-09 0.43395E-09 0.43395E-09 0.43395E-09
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0.21697E-09 0.14465E-09 0.14465E-09 0.14465E-09 0.14465E-09 0.21697E-09
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0.00000        0.21697E-09 0.43395E-09 0.43395E-09 0.57860E-09 0.57860E-09
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0.43395E-09    0.43395E-09    0.43395E-09    0.57860E-09    0.57860E-09    0.57860E-09
0.57860E-09    0.57860E-09    0.57860E-09    0.57860E-09    0.00000        0.00000
0.00000        0.00000        0.00000        0.43395E-09    0.57860E-09    0.57860E-09
0.43395E-09    0.43395E-09    0.57860E-09    0.57860E-09    0.57860E-09    0.57860E-09
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0.00000        0.00000        0.00000        0.00000        0.00000        0.00000
0.23144E-09    0.19288E-09    0.19288E-09    0.14465E-09    0.28930E-09    0.38564E-09
0.38564E-09    0.17234E-09    0.10800E-09    0.13279E-09    0.28930E-09    0.38564E-09
0.38564E-09    0.38564E-09    0.38564E-09    0.13279E-09    0.13279E-09    0.23144E-09
0.38564E-09    0.38564E-09    0.38564E-09    0.28930E-09    0.28930E-09    0.28930E-09
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0.00000        0.00000        0.23144E-09    0.28930E-09    0.19288E-09    0.23144E-09
0.38564E-09    0.17234E-09    0.10800E-09    0.13279E-09    0.13279E-09    0.23144E-09
0.38564E-09    0.38564E-09    0.38564E-09    0.57860E-09    0.00000        0.00000
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0.00000        0.00000        0.00000        0.00000        0.38564E-09    0.38564E-09
0.38564E-09    0.38564E-09    0.38564E-09    0.38564E-09    0.14465E-09    0.14465E-09
0.28930E-09    0.96424E-10    0.38564E-09    0.57860E-09    0.00000        0.00000
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 0.00000        0.00000        0.00000        0.00000        0.28930E-09 0.28930E-09
 0.28930E-09 0.28930E-09 0.28930E-09 0.28930E-09 0.28930E-09 0.28930E-09
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   0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
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   0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
   0.00000      0.00000      0.00000
     70.2315E-02        (F6.4,7F10.3)          0         TRANS  2
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 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
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 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
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 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    14.00     14.00     3.500
 6.000     6.000     6.000     6.000     6.000     6.000     0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
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 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    6.000     6.000     1.500     1.500     1.500     1.500
 1.500     1.500     1.500     1.500     1.500     1.500     0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    70.00     70.00     70.00
 30.00     30.00     30.00     30.00     30.00     30.00     6.000     6.000
 6.000     6.000     1.500     1.500     1.500     4.000     1.500     1.500
 5.000     2.000     1.500     1.500     1.500     1.500     0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    30.00     30.00     30.00
 30.00     30.00     30.00     30.00     30.00     30.00     30.00     30.00
 30.00     30.00     30.00     30.00     30.00     30.00     30.00     70.00
 70.00     30.00     70.00     70.00     30.00     30.00     30.00     30.00
 30.00     30.00     30.00     30.00     30.00     30.00     6.000     6.000
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6.000	2.000	2.000	1.500	1.500	1.500	4.000	7.000
1.500	1.500	1.500	1.500	1.500	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	70.00	70.00	70.00
70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00
70.00	70.00	30.00	30.00	30.00	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	70.00	14.00	14.00
8.000	2.000	3.500	3.500	1.500	1.500	3.500	5.000
1.500	1.500	1.500	1.500	1.500	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	6.000	6.000	30.00	30.00	30.00
30.00	30.00	30.00	30.00	70.00	70.00	70.00	70.00
70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00
70.00	30.00	30.00	30.00	80.00	80.00	142.0	120.0
80.00	80.00	80.00	16.00	22.00	22.00	16.00	16.00
22.00	5.500	6.000	4.000	4.000	4.000	4.000	7.000
7.000	1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	6.000	14.00	6.000	6.000	70.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	70.00	70.00	70.00
110.0	30.00	8.000	8.000	40.00	40.00	40.00	8.000
16.00	16.00	20.00	16.00	16.00	8.000	12.00	12.00
10.00	2.000	2.000	2.000	2.500	2.500	7.000	4.000
2.000	1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	14.00	14.00	6.000	6.000	6.000	30.00	80.00
102.0	102.0	40.00	60.00	60.00	20.01	36.00	32.00
50.00	40.00	40.00	40.00	8.000	8.000	8.000	8.000
8.000	24.00	24.00	16.00	24.00	120.0	120.0	10.00
8.000	16.00	16.00	16.00	16.00	16.00	12.00	8.000
8.000	2.500	7.500	7.500	2.000	2.500	5.000	5.000
2.000	1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	32.00	36.00
32.00	50.00	40.00	60.00	60.00	20.01	36.00	36.00
32.00	8.000	8.000	16.00	8.000	8.000	8.000	8.000
8.000	8.000	8.000	8.000	16.00	32.00	32.00	32.00
18.00	16.00	14.00	14.00	16.00	16.00	16.00	16.00
12.86	5.500	10.50	11.50	2.000	2.000	7.500	5.000
5.000	2.000	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.000
14.00	6.000	14.00	6.000	6.000	8.000	32.00	36.00
32.00	50.00	32.00	32.00	60.00	20.01	40.00	40.00
36.00	8.000	8.000	16.00	24.00	16.00	16.00	10.00
10.00	16.00	8.000	16.00	14.00	32.00	32.00	32.00
34.00	12.00	16.00	14.00	14.00	16.00	16.00	12.86

8.040	10.50	10.50	10.00	3.500	1.617	3.500	3.000
5.000	5.000	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.000
8.000	16.00	8.000	8.000	8.000	10.00	8.000	50.00
50.00	50.00	36.00	36.00	36.00	20.01	36.00	36.00
12.00	10.00	8.000	8.000	24.00	16.00	16.00	16.00
16.00	5.230	4.775	16.00	14.00	16.00	18.00	32.00
34.00	18.00	16.00	16.00	16.00	16.00	13.26	12.86
6.824	10.50	10.00	10.00	7.500	1.117	7.000	1.500
1.500	1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.000
8.000	16.00	8.000	8.000	8.000	10.00	8.000	32.00
30.03	72.00	40.00	40.00	36.00	20.01	36.00	50.00
40.00	8.000	8.000	8.000	12.00	14.00	14.00	14.00
14.00	16.00	12.00	7.355	16.00	16.00	14.00	32.00
32.00	32.00	16.00	24.00	16.00	12.00	8.040	12.86
3.500	10.50	7.500	10.00	7.500	1.117	7.000	1.500
4.000	1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	14.00
8.000	16.00	18.00	16.00	6.014	10.00	12.00	12.00
12.61	36.00	36.00	40.00	40.00	30.00	40.00	40.00
40.00	40.00	8.000	8.000	10.00	14.00	14.00	14.00
14.00	14.00	14.00	12.00	8.878	16.00	10.00	8.000
34.00	34.00	32.00	32.00	10.00	8.040	12.86	6.824
7.500	7.500	7.500	10.00	7.500	3.000	3.500	3.500
2.000	1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	14.00
8.000	16.00	20.00	24.00	6.014	8.000	12.00	16.00
4.315	16.00	14.00	14.00	12.00	30.00	40.00	40.00
40.00	16.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	10.00	12.00	5.217	10.00	10.00
10.00	10.00	8.000	16.00	12.86	12.86	8.040	14.00
14.00	10.00	10.50	10.00	11.50	7.000	1.500	1.500
7.000	1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	14.00
8.000	16.00	24.00	20.00	8.000	4.597	20.00	8.887
12.00	16.00	14.00	14.00	12.00	30.00	40.00	40.00
20.00	20.00	10.00	10.00	10.00	10.00	10.00	10.00
10.00	10.00	10.00	14.00	14.00	8.878	24.00	14.00
14.00	10.00	10.00	10.00	13.26	12.86	2.500	14.00
14.00	14.00	14.00	10.00	10.00	9.000	3.000	1.500
3.000	1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	14.00
8.000	16.00	24.00	28.00	6.021	4.446	4.845	20.00
12.00	10.00	14.00	16.00	16.00	30.00	40.00	20.00
20.00	14.00	14.00	14.00	10.00	10.00	14.00	14.00
14.00	10.00	14.00	14.00	14.00	16.00	8.878	4.984
14.82	14.00	14.82	10.82	8.040	4.000	4.500	7.500

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14.00     14.00     14.00     10.00     10.00     9.000     7.000     1.500
 3.000     1.500     5.500     0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    14.00
 8.000    16.00     24.00     16.00     16.00     14.00     14.00     4.286
14.00     10.00     12.00     12.00     80.00     40.00     30.00     19.00
 9.000     9.000    14.00     10.00     10.00     10.00     14.00     14.00
14.00     14.00     14.00     10.00     10.00     10.00     10.00     4.734
 4.398    10.82      6.824     6.824     3.500     4.000     4.500     9.500
14.00     14.00     14.00     10.00     10.00     9.000     3.000     1.500
 3.000     1.500     1.500     0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    14.00
 8.000     8.000    20.00     14.00     12.00     14.00     14.00     4.162
16.00     16.00     10.00     12.00     12.86     6.432    13.22     13.22
13.00     13.00     12.22      9.000    10.00     10.00     14.00     14.00
14.00     14.00     14.00     10.00     10.00     10.00     10.00     14.47
14.47     12.86     12.86      4.500     4.500     5.500     4.000     5.500
14.00     14.00     14.00     10.00     10.00     9.000     7.000     1.500
 3.000     1.500     1.500     0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    14.00
 8.000    16.00     20.00     14.00     12.00     14.00     4.424     4.759
16.00     16.00     10.00      6.824    12.86     14.00     14.00     17.22
 9.216    13.22     13.22     13.00     13.00     14.00     14.00     14.00
14.00     14.00     14.00     10.00     10.00     10.00     10.00     10.82
14.82     17.26      4.000     4.000     4.500     9.500     4.000     4.500
14.00     14.00     14.00     10.00      9.000     9.000     7.000     1.500
 3.000     1.500     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    14.00
 8.000    16.00     20.00     14.00     14.00     14.00     4.286    16.00
16.00     14.47      6.432     6.432    12.86     14.00     14.00     14.00
14.00      9.216    13.22     13.00     13.00     13.00     13.00     14.00
14.00     14.00     14.00     10.00     10.00     11.61     11.61     14.00
14.00     14.00      4.000     4.000     6.500     7.500     4.000     4.500
14.00     14.00     14.00     10.00      9.000     9.000     7.000     1.500
 2.000     1.500     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    14.00
 8.000    16.00     12.00     14.00     14.00     5.478     4.162    15.61
15.61     11.26      6.432    12.86     17.26     7.361     14.00     14.00
14.00     10.00     13.22     13.22     13.22     13.00     13.00     13.00
14.00     14.00     14.00     14.00     10.00     11.61     10.00     14.00
14.00     14.00      4.000     6.000     9.500     7.500     4.000     4.500
14.00     14.00     14.00      9.000     9.000     9.000     7.000     3.000
 1.500     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    14.00
 8.000    16.00     20.00     14.00     14.00     4.286    11.61     15.61
15.61     21.26      6.432     6.432    17.26     7.361     14.00     14.00
14.00     10.00     14.00     13.00      9.216    13.22     13.22     13.00
13.00     14.00     14.00     14.00     14.00     14.00     10.00     14.00
14.00     14.00     16.00     16.00     10.50     10.50     4.000     4.500
```

14.00	14.00	14.00	9.000	9.000	9.000	7.000	7.000
1.500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.000
8.000	18.00	10.00	14.00	14.00	8.486	15.61	15.61
15.61	10.82	19.69	6.432	8.040	18.82	14.00	14.00
10.00	10.00	10.00	14.00	13.00	13.22	13.22	13.00
13.00	13.00	14.00	14.00	14.00	14.00	10.00	10.00
12.00	8.000	16.00	16.00	11.00	10.50	4.000	4.500
14.00	14.00	14.00	9.000	9.000	9.000	7.000	7.000
1.500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.000
16.00	14.00	10.00	14.00	14.00	8.234	11.61	15.61
15.61	10.82	13.26	6.432	6.432	18.82	14.00	14.00
10.00	10.00	14.00	14.00	13.00	13.00	13.22	13.22
13.00	13.00	14.00	14.00	14.00	14.00	10.00	10.00
10.00	8.000	16.00	8.000	12.00	12.00	3.500	2.000
14.00	14.00	15.50	10.00	9.000	9.000	5.000	7.000
1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.000
16.00	16.00	10.00	14.00	14.00	8.523	11.61	15.61
15.61	10.82	17.26	10.82	5.295	18.82	14.00	14.00
14.82	14.00	14.00	14.00	14.00	13.00	13.00	13.22
13.00	13.00	13.00	14.00	14.00	14.00	10.00	10.00
10.00	10.00	6.000	6.000	6.000	16.00	14.00	3.500
7.500	11.50	2.500	10.00	10.00	9.000	5.000	8.000
2.011	1.500	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.000
16.00	16.00	10.00	14.00	14.00	8.523	11.61	15.61
15.61	15.61	17.26	10.82	5.295	18.82	14.00	14.00
14.82	14.00	14.00	14.00	14.00	14.00	13.00	13.22
13.00	13.00	13.00	13.00	14.00	14.00	14.00	10.00
9.000	6.000	6.000	6.000	6.000	14.00	8.000	6.000
7.000	11.50	2.500	10.00	9.000	9.000	5.000	8.000
2.011	3.000	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	16.00
16.00	16.00	10.00	14.00	14.00	8.523	11.61	15.61
18.82	15.61	17.26	23.69	5.295	18.82	14.00	14.00
14.82	14.82	14.00	14.00	14.00	14.00	13.00	13.22
13.00	13.00	13.00	13.00	14.00	14.00	14.00	9.000
2.592	6.000	3.000	3.000	2.000	14.00	6.000	6.000
1.500	4.000	9.000	9.000	9.000	9.000	5.000	7.000
1.011	7.000	1.500	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	6.000	14.00	16.00
18.00	18.00	12.00	13.26	14.00	5.926	11.61	15.61
21.26	15.61	8.040	6.562	21.26	18.82	14.00	14.00
15.61	14.82	8.040	14.00	14.00	14.00	13.00	13.22
13.00	13.00	13.00	9.000	9.000	9.000	2.772	2.772
14.00	11.00	11.00	7.000	7.000	22.00	14.00	6.000

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22.00    5.000    9.000    9.000    13.00    9.000    5.000    7.000
1.013    11.00    0.0000   0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000   6.000    14.00    16.00
18.00    18.00    16.00    13.26    21.26    11.61    14.82    15.61
21.26    14.82    8.040    6.562    25.26    14.00    14.00    14.00
15.61    14.82    8.040    10.82    14.00    14.00    10.00    13.22
9.000    9.000    9.000    9.000    9.000    2.788    2.769    2.808
11.00    11.00    11.00    11.00    11.00    7.000    6.000    6.000
6.000    9.000    7.000    5.000    11.00    5.000    3.000    7.000
1.013    11.00    0.0000   0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000   6.000    22.00    16.00
18.00    18.00    18.00    13.26    21.26    21.26    14.82    10.82
15.61    14.82    14.47    4.273    14.00    14.00    14.82    14.82
14.82    8.040    6.824    10.82    10.00    10.00    9.000    13.22
9.000    9.000    9.000    9.000    13.00    2.299    14.00    11.00
11.00    11.00    11.00    11.00    11.00    11.00    8.000    6.000
22.00    16.00    7.000    5.000    9.000    5.000    3.000    7.000
1.016    1.000    0.0000   0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000   6.000    22.00    16.00
16.00    18.00    20.00    13.26    21.26    21.26    21.26    17.26
15.61    15.61    23.69    4.143    14.00    15.61    8.040    6.432
6.432    6.824    10.82    10.00    10.00    10.00    9.216    6.432
6.432    9.000    9.000    9.000    2.176    2.192    11.00    11.00
11.00    11.00    11.00    11.00    11.00    11.00    11.00    6.000
22.00    16.00    14.00    11.00    5.000    3.000    3.000    7.000
1.616    3.000    0.0000   0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000   6.000    14.00    16.00
18.00    16.00    21.26    17.26    21.26    21.26    11.30    11.30
15.61    15.61    8.040    6.432    21.26    25.26    14.82    6.432
6.432    8.040    14.82    14.82    8.040    14.82    9.000    9.000
5.324    7.618    7.618    5.322    2.176    14.00    7.000    11.00
11.00    11.00    11.00    11.00    11.00    11.00    11.00    10.00
14.00    22.00    8.000    13.00    7.000    3.000    11.00    11.00
1.433    3.000    0.0000   0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000   6.000    14.00    16.00
8.000    16.00    14.47    14.47    17.26    17.26    17.26    11.30
21.26    10.82    12.86    12.86    6.432    18.82    14.82    6.432
6.432    6.432    8.040    8.040    8.040    14.82    9.000    9.000
13.22    4.824    4.824    6.000    6.000    14.00    7.000    11.00
11.00    11.00    11.00    11.00    11.00    7.000    11.00    10.00
8.000    6.000    10.00    7.000    5.000    3.000    11.00    7.000
1.284    3.000    0.0000   0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   0.0000   0.0000   0.0000   6.000    14.00    16.00
8.000    18.00    6.432    6.432    14.47    17.26    17.26    11.30
17.26    14.47    12.86    12.86    6.432    10.82    8.040    6.432
6.432    6.432    6.432    6.432    8.040    14.82    9.000    9.000
13.22    4.824    4.000    6.000    6.000    14.00    7.000    3.000
1.000    11.00    11.00    11.00    11.00    7.000    7.000    10.00
```

8.000	6.000	8.000	7.000	11.00	5.000	1.000	3.000
1.329	3.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	6.000	14.00	22.00
8.000	8.000	6.432	14.47	6.432	14.47	13.26	12.86
12.86	12.86	12.86	12.86	6.432	6.432	6.432	6.432
6.432	6.432	6.432	6.432	17.26	14.82	13.22	6.432
17.69	22.00	8.000	10.00	10.00	10.00	7.000	4.000
3.500	4.000	4.000	13.00	13.00	9.000	4.000	16.00
6.000	6.000	6.000	3.000	3.000	11.00	11.00	1.502
5.000	3.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	6.000	14.00	22.00
8.000	8.000	6.432	14.47	6.432	6.432	14.47	12.86
12.86	12.86	6.432	12.86	6.432	6.432	6.432	6.432
6.432	6.432	6.432	6.432	6.432	6.432	4.824	17.69
17.69	14.00	5.000	7.000	24.00	16.00	9.000	4.000
2.000	2.000	4.000	4.000	4.500	4.500	3.500	8.000
10.00	0.0000	0.0000	0.0000	0.0000	0.0000	7.000	1.117
11.00	1.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	6.000	14.00	22.00
14.00	8.000	6.432	6.432	6.432	12.86	6.432	12.86
12.86	12.86	12.86	6.432	6.432	6.432	6.432	6.432
6.432	6.432	6.432	12.86	11.26	11.26	11.26	8.000
8.000	2.000	4.000	4.000	2.000	8.000	8.000	8.000
2.000	2.000	3.500	3.500	3.500	2.500	4.000	2.000
20.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	6.000	14.00	22.00
14.00	6.432	6.432	6.432	6.432	6.432	12.86	12.86
19.30	12.86	12.86	6.432	6.432	6.432	6.432	6.432
6.432	6.432	11.26	11.26	11.26	6.432	8.000	8.000
2.000	2.000	6.000	6.000	6.000	6.000	16.00	8.000
8.000	2.000	4.000	4.000	4.000	4.000	4.000	2.000
6.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	6.000	6.000	22.00
22.00	11.26	11.26	11.26	11.26	11.26	17.69	17.69
11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26
11.26	11.26	11.26	11.26	8.000	8.000	8.000	2.000
2.000	2.000	4.000	4.000	6.000	6.000	4.000	16.00
16.00	16.00	2.000	2.000	2.000	2.000	2.000	2.000
4.500	14.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	6.000	14.00	22.00
22.00	0.0000	0.0000	0.0000	0.0000	0.0000	11.26	11.26
11.26	11.26	11.26	11.26	11.26	0.0000	0.0000	0.0000
4.824	14.00	8.000	8.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	4.000	4.000	6.000	6.000	6.000
6.000	16.00	8.000	8.000	8.000	2.000	2.000	2.000

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 5.500      22.00      0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     6.000      14.00      0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     8.000
 2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
 2.000      2.000      2.000      2.500      4.500      6.000      6.000      6.000
 6.000      6.000      6.000      6.000      24.00      24.00      24.00      24.00
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     6.000      22.00      14.00
 0.0000     0.0000     0.0000     0.0000     6.000      14.00      6.000      6.000
 6.000      6.000      6.000      6.000      6.000      1.500      8.000      2.000
 3.000      5.000      7.000      7.000      11.00      9.000      7.000      11.00
 11.00      9.000      9.000      11.00      13.00      2.000      4.000      2.000
 8.000      8.000      8.000      8.000      8.000      8.000      8.000      24.00
 30.00      0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     6.000      14.00      6.000
 6.000      4.824      4.824      14.00      22.00      14.00      6.000      6.000
 6.000      6.000      6.000      1.500      2.500      6.500      5.500      9.500
 9.000      9.000      9.000      9.000      11.00      11.00      11.00      11.00
 11.00      7.000      3.000      3.000      3.000      16.00      8.000      10.00
 8.000      8.000      6.000      6.000      6.000      6.000      8.000      6.000
 6.000      14.00      0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     6.000      6.000      14.00
 3.750      3.750      3.750      3.750      8.750      13.75      8.750      3.750
 3.750      6.000      8.000      2.000      2.000      7.500      7.500      12.00
 12.00      12.00      12.00      12.00      5.000      5.000      9.000      9.000
 9.000      11.00      12.00      8.000      10.00      8.000      8.000      8.000
 8.000      8.000      6.000      8.000      6.000      6.000      0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     6.000      6.000      6.000
 3.750      3.750      3.750      3.750      13.75      3.750      3.750      3.750
 3.750      3.750      15.75      19.75      19.75      16.00      16.00      8.000
 12.00      10.00      10.00      10.00      12.00      12.00      12.00      12.00
 12.00      10.00      10.00      12.00      8.000      8.000      8.000      10.00
 8.000      8.000      6.000      6.000      6.000      6.000      0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     3.750      3.750      10.00      10.00
 10.00      10.00      2.514      14.50      15.75      5.000      19.75      14.75
 9.750      10.00      10.00      10.00      10.00      9.750      5.750      8.000
 12.00      12.00      7.000      7.000      5.000      5.000      7.000      10.00
 10.00      6.000      8.000      6.000      6.000      6.000      8.000      0.0000
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 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    3.750     3.750     3.750
 3.750     10.00     3.750     7.521     2.712     14.00     8.000     8.000
 8.000     8.000     5.750     5.750     11.25     11.25     10.75     22.01
 12.00     12.00     10.00     7.000     5.000     5.000     7.000     10.00
 10.00     6.000     6.000     6.000     6.000     6.000     6.000     8.000
 6.000     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    3.750     8.750     8.750
 8.750     8.750     8.750     14.00     16.00     16.00     24.00     24.00
 24.00     24.00     16.00     24.00     10.00     10.00     10.00     8.000
 8.000     8.000     8.000     8.000     8.000     8.000     8.000     8.000
 8.000     8.000     8.000     8.000     8.000     8.000     8.000     8.000
 8.000     8.000     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    3.750     8.750     8.750
 8.750     8.750     8.750     8.750     8.750     8.750     14.00     30.00
 22.00     22.00     14.00     14.00     8.000     8.000     8.000     8.000
 8.000     8.000     8.000     8.000     8.000     8.000     8.000     8.000
 8.000     8.000     8.000     8.000     8.000     8.000     8.000     0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    3.750     8.750     8.750
 8.750     8.750     8.750     8.750     8.750     8.750     5.000     10.00
 10.00     10.00     10.00     10.00     10.00     6.250     6.250     6.250
 6.250     6.250     6.250     6.250     5.000     5.000     5.000     5.000
 5.000     5.000     5.000     5.000     5.000     5.000     3.750     1.000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    4.500     4.500
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000    0.0000    0.0000    0.0000    0.0000    3.750     8.750     8.750
 8.750     8.750     8.750     8.750     8.750     18.75     20.00     20.00
 20.00     14.50     9.500     4.500     4.500     5.750     5.750     5.750
 5.750     5.750     6.250     4.500     4.500     1.000     1.000     4.500
 4.500     4.500     1.000     1.000     1.000     1.000     1.000     1.000
 4.500     5.000     8.000     8.000     6.000     1.000     8.000     6.000
 6.000     0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
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 0.0000    0.0000    0.0000    0.0000    0.0000    3.750     8.750     8.750
 8.750     8.750     8.750     8.750     8.750     9.500     4.500     4.500
 4.500     4.500     6.000     6.000     6.000     6.000     6.000     8.000
 8.000     6.000     6.000     6.000     6.000     6.000     6.000     6.000
 6.000     6.000     6.000     8.000     8.000     8.000     8.000     8.000
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   8.000      8.000      6.000      6.000      6.000      6.000      6.000      6.000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
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  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     3.750      8.750      8.750
  8.750      8.750      3.750      3.750      4.500      4.500      4.500      4.500
  4.500      4.500      6.000      6.000      6.000      6.000      6.000      6.000
  6.000      6.000      6.000      8.000      6.000      6.000      6.000      6.000
  6.000      6.000      6.000      6.000      0.0000     0.0000     0.0000     0.0000
  0.0000     6.000      6.000      6.000      6.000      6.000      6.000      6.000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
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  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     3.750      18.75      13.75
  15.00      15.00      10.00      10.00      5.000      5.000      4.500      4.500
  4.500      4.500      4.500      4.500      4.500      4.500      4.500      4.500
  5.000      5.000      8.000      6.000      6.000      5.000      4.500      0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     6.000      6.000      3.750      4.500      4.500      4.500      0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000
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  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000
        7         1.0        (6X,6G12.5)          0           VCONT 23
    0.00000    0.00000    0.00000    0.00000    0.00000    0.00000
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0.00000        0.00000        0.00000        0.00000        0.00000        0.28935E-09
0.28935E-09    0.24799E-09    0.34720E-09    0.57852E-09    0.57852E-09    0.57852E-09
0.57852E-09    0.57852E-09    0.00000        0.00000        0.00000        0.00000
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0.00000        0.00000        0.00000        0.00000        0.00000        0.00000
0.00000        0.00000        0.34720E-09    0.34720E-09    0.57852E-09    0.57852E-09
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0.57852E-09    0.57852E-09    0.86800E-09    0.69440E-09    0.57852E-09    0.57852E-09
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0.34720E-09    0.34720E-09    0.57852E-09    0.57852E-09    0.57852E-09    0.57852E-09
0.57852E-09    0.57852E-09    0.57852E-09    0.57852E-09    0.57852E-09    0.86800E-09
0.86800E-09    0.69440E-09    0.69440E-09    0.86800E-09    0.86800E-09    0.86800E-09
0.38578E-09    0.86800E-09    0.57852E-09    0.34720E-09    0.57852E-09    0.57852E-09
0.57852E-09    0.00000        0.00000        0.00000        0.00000        0.00000
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0.57852E-09    0.00000        0.00000        0.00000        0.00000        0.00000
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0.86800E-09    0.86800E-09    0.86800E-09    0.86800E-09    0.86800E-09    0.86800E-09
0.49606E-09    0.57852E-09    0.57852E-09    0.57852E-09    0.49606E-09    0.49606E-09
0.86800E-09    0.38578E-09    0.69440E-09    0.57852E-09    0.57852E-09    0.00000
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0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.43400E-09
0.57852E-09   0.49606E-09   0.86800E-09   0.86800E-09   0.57852E-09   0.49606E-09
0.86800E-09   0.86800E-09   0.69440E-09   0.57852E-09   0.57852E-09   0.00000
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0.57852E-09   0.49606E-09   0.49606E-09   0.75776E-09   0.86800E-09   0.86800E-09
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0.86800E-09   0.11575E-09   0.11566E-09   0.11570E-09   0.23145E-09   0.86800E-09
0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.24799E-09
0.33062E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.57852E-09   0.57852E-09
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0.60369E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.44442E-09
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0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.33058E-09
0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.59718E-09
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0.86800E-09   0.86800E-09   0.86800E-09   0.75776E-09   0.86800E-09   0.49606E-09
0.57852E-09   0.57809E-09   0.57852E-09   0.86800E-09   0.86800E-09   0.86800E-09
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0.86800E-09    0.86800E-09    0.86800E-09    0.86800E-09    0.86800E-09    0.86800E-09
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0.49606E-09    0.86800E-09    0.33058E-09    0.77122E-09    0.86800E-09    0.86800E-09
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0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09  0.36547E-09  0.86800E-09
0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09
0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09
0.86800E-09  0.53425E-09  0.53425E-09  0.53425E-09  0.86800E-09  0.86800E-09
0.53425E-09  0.57852E-09  0.57852E-09  0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.14465E-09  0.12859E-09  0.16535E-09  0.12859E-09  0.12859E-09
0.12859E-09  0.12859E-09  0.16535E-09  0.86800E-09  0.86800E-09  0.86800E-09
0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09  0.86800E-09
0.86800E-09  0.53425E-09  0.53425E-09  0.57852E-09  0.57852E-09  0.57852E-09
0.57852E-09  0.57852E-09  0.57852E-09  0.57852E-09  0.57852E-09  0.57852E-09
0.57852E-09  0.53425E-09  0.53425E-09  0.53425E-09  0.53425E-09  0.53425E-09
0.53425E-09  0.53425E-09  0.38578E-09  0.38578E-09  0.38578E-09  0.38578E-09
0.38578E-09  0.38578E-09  0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
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261

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        0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000     0.12859E-09   0.12859E-09   0.12859E-09   0.12859E-09   0.12859E-09
      0.23145E-09   0.38578E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09
      0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09
      0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.53425E-09
      0.57852E-09   0.38578E-09   0.38578E-09   0.38578E-09   0.38578E-09   0.38578E-09
      0.38578E-09   0.38578E-09   0.00000       0.00000       0.00000       0.00000
        0.00000     0.38578E-09   0.38578E-09   0.38578E-09   0.38578E-09   0.57852E-09
      0.38578E-09   0.57852E-09   0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000     0.14465E-09   0.14465E-09   0.19287E-09   0.18766E-09   0.18766E-09
      0.27776E-09   0.27776E-09   0.53425E-09   0.53425E-09   0.86800E-09   0.86800E-09
      0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09   0.86800E-09
      0.86800E-09   0.86800E-09   0.53425E-09   0.53425E-09   0.53425E-09   0.57852E-09
      0.57852E-09   0.53425E-09   0.86800E-09   0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000     0.38578E-09   0.38578E-09   0.38578E-09   0.86800E-09   0.86800E-09
      0.86800E-09   0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
        0.00000       0.00000       0.00000
       70.4051E-02            (F6.4,7F10.3)              0          TRANS   3
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000      0.0000
   0.0000      102.9       91.43       91.43       102.9       102.9       102.9       114.3
   114.3       114.3       114.3       114.3       91.43       91.43       91.43       91.43
   91.43       102.9       102.9       74.29       51.43       13.71       9.143       4.571
```

18.29	26.29	21.71	26.29	14.86	4.571	4.571	4.571
4.571	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	4.571	9.143	13.66	12.17
12.17	35.42	37.70	57.14	57.14	37.70	37.70	37.70
37.70	37.70	60.56	37.70	37.70	37.70	37.70	68.57
68.57	68.57	68.57	68.57	45.71	45.71	45.71	45.71
68.57	91.43	91.43	18.76	18.76	14.85	14.85	37.70
36.51	36.51	35.94	35.60	91.43	45.71	9.143	9.143
13.03	12.41	8.894	18.29	2.820	2.820	2.660	2.726
2.612	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	22.86	45.71	18.76	12.57	14.85	36.51	45.71
45.71	45.71	68.57	59.37	14.85	102.9	68.57	68.57
68.57	45.71	91.43	68.57	45.71	68.57	45.71	45.71
22.86	45.71	68.57	68.57	68.57	68.57	68.57	68.57
68.57	68.57	45.71	45.71	45.71	45.71	45.71	45.71
45.71	22.86	22.86	45.71	68.57	68.57	17.12	39.98
7.038	22.00	16.86	16.86	21.43	12.86	12.86	12.86
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.660	2.574
17.14	40.00	35.03	45.71	45.71	45.71	91.43	37.59
36.15	35.91	38.84	68.57	68.57	68.57	68.57	68.57
68.57	68.57	68.57	68.57	68.57	57.14	68.57	80.00
91.43	68.57	68.57	68.57	68.57	45.71	45.71	45.71
22.86	22.86	45.71	45.71	45.71	68.57	68.57	91.43
68.57	64.47	11.51	11.51	11.51	10.00	10.00	12.00
22.00	17.43	13.43	13.43	13.43	13.43	17.43	12.86
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	9.143	9.143	68.57	68.57
13.66	10.29	3.889	13.71	68.57	37.04	44.54	48.94
45.71	45.71	45.71	68.57	91.43	91.43	114.3	114.3
114.3	114.3	137.1	125.7	148.6	125.7	114.3	114.3
91.43	68.57	114.3	91.43	68.57	45.71	22.86	22.86
45.71	91.43	91.43	91.43	91.43	102.9	91.43	104.9
22.57	18.00	14.00	18.00	10.86	14.86	18.86	18.86
18.86	18.86	14.86	10.86	10.86	10.86	8.857	12.86
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	11.43	9.143	9.143	22.86	18.29
13.71	18.29	13.03	13.71	9.143	22.86	45.71	45.71
68.57	68.57	68.57	91.43	68.57	91.43	91.43	114.3
91.43	91.43	91.43	114.3	114.3	114.3	114.3	114.3
114.3	114.3	114.3	148.6	114.3	51.43	51.43	64.86
64.86	64.86	64.86	64.86	54.00	35.14	21.43	21.43
21.43	21.43	22.86	18.86	18.86	18.00	18.86	18.86
18.00	18.00	10.86	6.857	6.857	10.86	4.857	1.714
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	13.71	13.71	45.71	13.71	13.71
9.143	9.143	9.143	13.47	13.71	28.57	28.57	28.57
28.57	28.57	28.57	28.57	51.43	51.43	51.43	51.43
28.57	28.57	28.57	51.43	97.14	74.29	97.14	97.14
97.14	97.14	120.0	120.0	64.86	46.00	27.14	31.14
31.14	31.14	31.14	31.14	31.14	35.14	21.43	19.14
19.14	22.00	22.00	18.29	18.29	18.29	18.00	18.00

10.86	12.00	10.86	6.857	6.857	6.000	5.143	2.857
8.857	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000	18.29	18.29	91.43	18.29	9.143
18.29	13.71	14.10	14.82	18.29	40.00	17.14	23.14
23.14	23.14	19.14	17.14	19.14	46.00	64.86	62.86
42.00	42.00	40.00	62.86	85.71	87.71	68.86	46.00
68.86	85.71	58.00	35.14	35.14	23.71	23.71	23.71
23.71	23.71	23.71	23.71	23.71	23.71	19.14	19.14
22.00	22.00	18.29	18.29	18.29	18.29	18.29	18.00
18.86	18.86	18.86	18.86	10.86	4.000	5.143	5.143
8.857	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	114.3	68.57	114.3	18.29	13.71	18.29
22.86	17.44	13.47	18.57	14.00	62.86	17.14	19.14
27.14	27.14	23.14	17.14	40.00	40.00	46.00	76.86
54.00	58.00	80.86	80.86	80.86	46.00	50.00	68.86
68.86	27.14	35.14	35.14	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
19.14	18.29	18.00	18.00	18.00	18.00	18.00	18.00
14.00	14.86	14.86	19.71	8.857	5.143	2.857	8.857
10.57	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	91.43	68.57	114.3	18.29	18.29	18.29
18.29	10.29	8.679	6.325	13.43	62.86	46.00	27.14
27.14	50.00	64.86	68.86	27.14	16.50	54.00	58.00
62.00	29.74	62.00	62.00	23.06	20.70	20.70	20.70
34.42	17.98	25.43	25.43	39.14	39.14	39.14	30.00
19.14	18.00	18.00	22.00	22.00	22.00	22.00	22.00
22.00	22.29	22.29	22.29	22.00	18.00	18.00	18.00
14.00	10.86	6.857	11.71	6.000	16.00	16.86	20.86
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	13.71	9.143	91.43	18.29	20.57	18.29
18.29	14.86	14.86	12.96	13.43	18.57	27.14	22.00
22.00	22.00	27.71	22.00	22.00	23.04	18.00	18.00
18.00	39.14	23.99	31.14	25.43	25.43	25.43	21.43
11.18	11.24	11.24	11.24	27.24	17.10	58.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	25.43
19.27	22.00	22.00	22.00	22.21	18.00	22.00	22.00
18.00	14.86	6.857	12.86	12.86	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	13.71	13.71	91.43	18.29	22.86	14.00
18.00	18.57	18.57	22.57	14.57	9.429	22.00	22.00
22.00	18.00	23.71	18.00	18.00	23.04	18.00	22.00
22.00	23.14	30.00	15.60	25.43	25.43	15.35	15.35
15.35	25.43	22.00	22.00	22.00	23.14	15.89	15.35
22.00	22.00	22.00	22.00	22.00	22.00	22.00	19.19
18.88	22.00	22.00	22.00	21.76	21.91	22.00	22.00
18.00	14.00	8.000	10.00	17.43	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	9.143	68.57	18.29	18.29	18.29	18.57
22.57	22.57	18.57	22.57	14.00	22.00	22.00	22.00
22.00	18.00	18.00	18.00	18.00	23.04	18.00	22.00
22.00	22.00	25.43	19.35	19.27	19.27	19.19	22.00
22.00	23.21	22.00	22.00	22.00	22.00	23.14	15.47
18.00	22.00	22.00	22.00	22.00	22.00	22.00	18.86
22.00	22.00	22.00	22.00	22.00	21.40	22.00	22.00

22.00	18.00	8.000	7.714	7.714	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	9.143	45.71	20.57	18.29	18.29	18.57
26.57	18.57	18.57	22.57	18.00	22.00	22.00	22.00
18.00	18.00	18.00	18.00	18.00	23.04	18.00	22.00
22.00	22.00	30.00	19.27	22.00	22.00	22.00	22.00
22.00	18.09	18.08	22.00	22.00	22.00	22.00	15.47
18.00	22.00	22.00	22.00	22.00	22.00	22.00	18.86
22.00	22.00	22.00	22.00	22.00	21.40	22.00	22.86
18.86	18.86	6.857	11.71	11.71	7.714	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	9.143	45.71	20.57	13.71	22.86	12.57
13.43	22.00	22.00	17.43	17.43	22.00	22.00	18.00
18.02	18.00	18.00	18.00	18.00	23.04	18.00	22.00
27.71	19.27	19.19	18.00	18.00	22.00	22.00	22.00
22.00	22.00	22.00	18.08	18.00	18.00	18.00	19.14
15.34	15.27	25.43	22.00	22.00	22.00	22.00	18.88
22.00	22.00	22.00	22.00	22.00	21.54	22.00	22.86
22.00	18.86	6.857	7.714	7.714	7.714	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	13.71	45.71	22.86	13.71	22.86	12.57
18.00	22.00	22.00	22.00	22.14	22.00	22.00	18.00
18.02	18.00	18.00	18.00	18.00	28.75	27.71	27.71
24.69	24.69	18.00	18.00	18.00	22.00	22.00	22.00
22.00	26.00	22.00	22.00	22.08	18.00	18.00	22.00
22.00	22.00	15.34	15.27	22.00	22.00	18.88	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.86	22.86
22.00	18.86	6.857	8.857	19.71	19.71	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	13.71	68.57	20.57	18.29	22.86	12.57
18.00	22.00	26.00	26.00	22.11	18.00	18.00	18.00
18.02	18.00	18.00	18.00	18.00	24.69	24.69	24.69
24.69	18.00	18.00	22.00	22.00	22.00	22.00	22.00
22.00	26.00	22.00	22.00	22.00	18.08	18.00	18.00
22.00	22.00	22.00	15.27	14.84	14.84	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.86	22.86
22.00	20.00	6.857	14.00	19.71	15.71	21.43	26.57
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	13.71	68.57	20.57	22.86	22.86	14.57
21.43	26.00	26.00	22.00	23.24	18.08	18.00	18.02
18.00	18.00	18.00	18.00	18.00	24.69	24.69	24.69
18.00	18.00	22.00	22.00	22.00	22.00	18.00	18.00
22.00	26.00	22.00	22.00	18.00	18.22	18.00	18.00
22.00	22.00	22.00	22.00	22.00	14.84	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.29
22.00	13.14	8.000	13.00	13.00	9.000	21.43	26.57
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	13.71	37.70	13.71	27.43	22.86	14.57
25.43	30.00	22.00	22.00	22.11	18.08	18.01	18.00
18.00	18.00	18.00	18.00	19.14	25.53	24.69	22.00
22.00	22.00	22.00	22.00	18.00	18.00	18.00	18.00
22.00	22.00	22.00	22.00	18.00	22.00	18.08	18.01
18.00	22.00	22.00	22.00	22.00	17.48	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.29

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22.00    13.14    18.29    15.00    13.00    9.000    12.29    4.286
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   13.71    60.56    13.71    27.43    22.86    18.57
25.43    30.00    22.00    22.00    22.00    18.00    18.00    18.00
18.00    22.00    18.00    18.00    23.71    18.00    18.00    18.00
18.00    18.00    18.00    18.00    18.00    22.00    18.00    18.00
22.00    22.00    22.00    22.00    18.00    18.00    18.00    17.98
18.04    22.00    22.00    22.00    22.00    16.07    22.00    22.00
22.00    22.00    22.00    22.00    22.00    22.00    22.00    22.29
22.00    12.00    18.29    17.00    19.00    9.000    12.29    4.286
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   13.71    60.86    13.71    29.71    25.14    18.57
17.43    30.00    22.00    22.00    22.00    18.00    18.00    18.00
22.00    22.00    18.00    18.00    14.85    18.85    18.00    22.00
18.00    18.00    18.00    18.00    22.00    22.00    22.00    26.00
22.00    22.00    22.00    22.00    18.00    18.00    18.00    18.00
18.00    18.89    18.89    18.00    18.00    22.00    12.89    22.00
22.00    22.00    22.00    22.00    22.00    22.00    22.00    22.29
22.00    13.14    13.14    17.00    17.00    13.00    12.29    8.286
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   13.71    59.37    16.00    27.43    22.86    18.57
17.43    22.00    22.00    22.00    22.00    18.00    18.00    18.00
18.00    22.00    18.00    18.00    14.85    18.00    18.00    18.00
18.00    18.00    18.00    18.00    22.00    22.00    22.00    26.00
22.00    22.00    22.00    22.00    22.00    18.00    18.00    18.00
18.00    18.00    18.06    18.06    18.00    22.00    12.89    22.00
22.00    22.00    22.00    22.00    22.00    22.00    22.00    22.29
22.00    18.29    18.00    17.00    19.00    13.00    12.29    8.286
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   13.71    60.86    13.71    27.43    18.29    22.57
22.00    22.00    22.00    22.00    22.00    18.00    18.00    18.00
18.00    22.00    18.70    18.92    14.85    22.00    18.00    18.00
18.00    18.00    22.00    22.00    22.00    22.00    22.00    22.00
22.00    22.00    22.00    22.00    22.00    22.00    22.00    22.00
22.00    22.00    18.06    17.48    18.00    22.00    13.90    22.00
22.00    22.00    22.00    22.00    22.00    22.00    22.00    22.29
18.00    18.29    22.00    19.00    21.00    13.00    12.29    8.286
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   68.57    60.86    13.71    22.86    18.29    22.57
18.00    22.00    22.00    22.00    22.00    18.00    22.00    18.00
18.00    22.00    18.60    18.65    22.00    22.00    18.00    18.00
18.00    18.00    18.00    22.00    18.00    18.00    22.00    22.00
22.00    22.00    22.00    22.00    22.00    22.00    22.00    22.00
22.00    22.00    18.06    17.48    18.00    22.00    13.90    22.00
22.00    22.00    22.00    22.00    22.00    22.00    22.00    22.00
18.86    17.00    21.00    17.00    19.00    13.00    12.29    8.286
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   68.57    13.03    8.460    18.29    11.43    22.57
18.00    22.00    22.00    22.00    18.00    18.00    22.00    18.00
22.00    22.00    18.70    22.84    22.00    18.00    18.00    18.00
18.00    18.00    22.00    22.00    18.00    18.00    22.00    22.00
22.00    22.00    22.00    22.00    22.00    22.00    22.00    22.00
22.00    22.00    19.19    19.27    22.00    22.00    13.90    22.00
22.00    22.00    22.00    22.00    22.00    22.00    22.00    22.00
```

14.86	17.00	21.00	17.00	21.00	13.00	12.29	8.286
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	18.04	91.43	14.10	13.47	22.86	22.86	13.43
18.00	22.00	22.00	22.00	18.00	18.00	22.00	18.00
22.00	22.00	22.00	18.70	18.00	18.00	18.00	22.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	19.19	19.19	22.00	22.00	13.90	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
16.00	18.57	18.57	19.00	19.00	13.00	12.29	4.286
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	14.82	64.47	14.10	13.47	22.86	22.86	13.43
18.00	22.00	22.00	22.00	18.00	18.00	18.00	22.00
22.00	22.00	22.00	18.79	18.71	22.00	22.00	22.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	19.19	19.19	22.00	22.00	22.00	17.76
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
18.86	14.86	14.57	11.71	16.86	16.86	16.86	16.00
8.460	0.0000	0.0000	0.0000	0.0000			
0.0000	16.08	69.36	14.10	13.47	22.86	22.86	18.00
22.00	22.00	22.00	22.00	18.00	18.00	18.00	22.00
22.00	22.00	22.00	22.00	17.82	22.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	19.19	19.19	19.19	22.00	22.00	17.76
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
17.63	22.86	14.86	12.86	16.86	16.86	12.29	2.286
13.03	0.0000	0.0000	0.0000	0.0000			
0.0000	18.29	69.36	18.67	13.47	22.86	22.86	18.00
22.00	22.00	22.00	22.00	18.00	18.00	18.00	22.00
22.00	22.00	22.00	22.00	17.90	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	15.24	25.43	25.43	25.43	15.18	22.00	19.24
22.00	22.00	22.00	22.00	22.00	26.00	22.00	22.00
21.78	22.00	18.86	14.00	12.86	16.86	21.43	6.857
13.03	0.0000	0.0000	0.0000	0.0000			
0.0000	18.29	69.36	18.67	13.47	13.71	18.29	14.00
30.00	22.00	22.00	22.00	18.00	18.00	18.00	18.00
22.00	22.00	22.00	22.00	17.90	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	18.00
18.05	22.00	22.00	22.00	22.00	15.18	15.18	21.43
14.05	26.00	26.00	22.00	22.00	26.00	22.00	22.00
21.78	22.00	18.86	12.86	14.00	17.43	13.43	18.29
3.889	0.0000	0.0000	0.0000	0.0000			
0.0000	18.29	92.22	18.67	13.47	19.43	10.29	18.57
22.00	22.00	22.00	22.00	18.00	18.00	18.00	18.00
22.00	22.00	22.00	13.89	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.01	18.08
22.00	22.00	22.00	22.00	22.00	15.18	15.18	25.43
15.18	26.00	22.00	22.00	22.00	26.00	26.00	22.00

```
21.78    26.00    18.57    10.57    12.29    16.00    16.00    18.29
 3.889    0.0000   0.0000   0.0000   0.0000
 0.0000  18.29    92.22    18.67    14.82    19.43    14.86    22.57
22.00    22.00    22.00    22.00    18.00    22.00    22.00    18.00
22.00    22.00    22.00    13.89    18.00    18.00    18.00    18.00
18.00    18.00    18.00    18.00    18.00    22.00    22.00    22.00
22.00    22.00    22.00    22.00    22.00    22.02    18.05    18.23
26.00    26.00    26.00    26.00    26.00    26.00    15.18    21.43
15.18    22.00    22.00    22.00    22.00    22.00    26.00    26.00
21.78    26.00    14.57    10.57    10.57     0.5714   3.429    13.71
 3.889    0.0000   0.0000   0.0000   0.0000
 0.0000  18.29    92.22    18.67    14.82    19.43    28.57    26.00
22.00    22.00    22.00    22.00    22.00    18.00    18.00    22.00
22.00    22.00    22.00    13.88    18.00    18.00    18.00    18.00
18.00    18.00    18.00    18.00    18.00    22.00    22.00    22.00
22.00    22.00    22.00    22.00    22.00    22.08    26.00    26.00
26.00    26.00    26.00    26.00    26.00    26.00    26.00    15.18
15.18    22.00    22.00    22.00    22.00    22.00    26.00    26.00
21.78    26.00     6.571    6.000    6.571    7.714    2.286    18.29
 3.889    0.0000   0.0000   0.0000   0.0000
 0.0000  22.86    92.22    18.67    20.75    23.14    37.71    26.00
22.00    22.00    22.00    22.00    22.00    18.00    18.00    22.00
22.00    22.00    22.00    13.88    18.00    22.00    22.00    18.88
18.88    22.00    22.00    22.00    18.00    18.00    18.00    22.00
22.00    22.00    22.00    22.00    18.08    18.14    26.00    26.00
26.00    26.00    26.00    26.00    26.00    26.00    26.00    15.18
15.18    22.00    22.00    22.00    22.00    26.00    26.00    26.00
21.78    26.00     5.000    10.00    10.00    10.57    6.000    13.03
 0.0000   0.0000   0.0000   0.0000   0.0000
 0.0000  137.1    69.36    18.67    19.39    22.57    5.115    26.00
22.00    22.00    22.00    18.00    22.00    22.00    18.03    22.03
22.00    22.00    22.00    14.79    18.00    22.00    18.00    18.89
18.84    22.00    22.00    22.00    22.00    18.00    18.00    22.00
22.01    22.01    22.01    17.97    18.13    26.00    26.00    26.00
26.00    26.00    26.00    26.00    26.00    26.00    26.00    22.00
15.18    15.18    22.00    22.00    26.00    26.00    26.00    26.00
21.79    26.00     3.000    1.000    1.000    6.000    6.000    6.000
 0.0000   0.0000   0.0000   0.0000   0.0000
 0.0000  137.1    69.36    18.67    19.39    23.14    4.067    30.57
23.14    22.00    22.00    18.00    22.00    22.00    18.00    18.03
22.00    22.00    22.92    22.92    18.75    22.00    22.00    14.81
14.81    20.76    18.00    22.00    22.00    22.00    22.00    22.00
22.00    18.89    18.89    23.27    26.00    26.00    26.00    26.00
26.00    26.00    26.00    26.00    26.00    26.00    26.00    26.00
26.00    15.18    26.00    26.00    26.00    26.00    26.00    26.00
21.79    26.00    14.57     3.000    7.714    7.714    7.714    6.000
 0.0000   0.0000   0.0000   0.0000   0.0000
 0.0000  114.3    91.43    18.67    20.65    23.71    3.726    18.12
26.00    22.00    24.43    24.76    22.00    22.00    18.00    18.03
22.00    22.00    22.92    22.92    14.30    22.00    22.00    20.76
20.76    18.65    14.54    14.65    22.00    22.00    22.00    22.00
22.00    14.79    26.00    26.00    26.00    26.00    26.00    26.00
26.00    26.00    26.00    26.00    26.00    26.00    26.00    26.00
26.00    15.21    22.00    26.00    26.00    26.00    26.00    26.00
```

21.84	26.00	5.000	1.000	6.000	6.000	10.00	10.00
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	114.3	18.29	18.67	27.43	24.00	27.71	15.34
26.00	30.00	20.76	22.00	28.43	22.00	22.00	22.92
22.92	22.92	22.92	14.38	22.92	24.76	20.76	12.76
16.43	16.43	20.11	14.30	22.00	22.00	22.00	22.00
14.88	15.21	26.00	26.00	26.00	26.00	26.00	26.00
26.29	26.00	26.00	26.00	26.00	26.00	26.00	26.00
15.18	11.34	15.18	25.00	25.00	26.00	26.00	21.64
26.00	26.00	7.000	6.000	6.000	6.000	6.000	6.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	91.43	18.29	22.86	36.57	19.43	27.14	10.88
21.43	21.43	16.76	22.00	24.76	20.76	22.00	22.92
22.92	22.92	8.596	24.43	24.11	24.11	10.79	10.79
10.79	10.79	10.79	10.79	10.79	10.79	10.79	24.11
14.84	15.14	14.00	18.00	22.00	22.00	26.00	26.00
15.74	17.71	22.29	26.29	26.00	26.00	26.00	27.14
15.21	24.86	16.36	25.00	25.00	25.00	26.00	21.69
26.00	26.00	14.57	6.571	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	18.29	18.29	27.43	34.29	19.43	19.14	10.86
26.00	21.43	16.76	20.76	20.76	20.43	20.43	20.43
16.43	16.43	11.03	11.26	11.26	11.51	24.11	24.11
24.11	24.11	24.11	24.11	24.11	24.11	7.489	8.254
7.951	4.814	14.29	18.29	18.29	35.14	23.14	23.14
15.74	24.00	26.00	26.00	26.00	26.00	26.29	13.90
26.00	37.43	16.36	25.00	25.00	25.00	23.00	12.52
19.71	18.57	18.57	10.57	10.57	1.000	5.000	6.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	18.29	18.29	25.14	32.00	19.43	26.29	32.40
22.00	20.76	16.76	20.76	20.43	20.43	20.11	12.11
8.297	7.489	24.11	20.11	24.11	24.11	24.11	24.11
24.11	20.43	16.76	9.228	9.228	9.228	13.43	17.43
14.86	17.14	5.699	4.448	5.619	11.43	31.14	31.14
22.57	12.00	26.29	26.29	26.29	26.29	26.29	12.89
30.00	37.43	20.93	25.00	25.00	25.00	25.00	14.63
22.00	18.57	22.57	18.57	9.000	1.000	1.000	14.00
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	18.29	22.86	22.86	22.86	23.71	23.71	25.79
22.57	10.70	10.70	24.11	24.11	24.11	13.07	19.11
31.46	24.11	24.11	23.78	23.78	23.78	23.78	23.78
11.26	10.79	9.831	9.831	21.43	21.43	25.43	22.86
22.86	18.86	18.29	15.43	3.604	3.604	15.43	27.14
27.14	27.14	14.29	14.29	14.29	14.29	14.29	12.89
26.29	27.14	20.93	21.00	25.00	25.00	21.00	14.63
19.71	18.57	22.57	11.00	11.00	11.00	5.000	14.00
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	22.57	27.43	18.29	26.57	28.57	26.57	25.79
17.14	13.70	12.98	17.76	17.76	4.122	27.78	28.11
28.11	24.11	23.78	7.441	7.842	11.06	6.759	6.707
7.248	25.43	25.43	25.43	22.86	22.86	22.86	22.86
22.86	22.86	24.00	25.14	26.29	27.43	3.298	3.298
3.298	4.998	31.14	26.57	26.57	17.14	17.14	18.29
4.992	9.265	14.07	21.00	25.00	25.00	25.00	21.00

```
  12.13      7.000      15.00      7.000      9.000      22.00      20.29      2.820
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     27.14      18.29      13.71      31.14      28.29      24.00      39.72
  24.29      23.84      23.84      23.84      19.84      8.262      2.889      11.61
  8.131      8.131      16.37      7.959      19.51      47.71      26.57      26.00
  26.00      26.86      26.86      26.86      26.86      26.86      26.86      26.86
  28.00      28.00      28.00      26.00      26.00      30.29      3.298      3.298
  3.298      3.298      3.044      3.044      4.998      4.998      4.998      4.998
  4.229      4.149      10.07      10.20      10.07      21.00      21.00      21.00
  14.10      20.29      7.000      7.000      22.57      20.29      16.29      2.820
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     22.86      27.43      18.29      27.43      27.71      28.57      13.93
  24.29      23.84      23.84      24.29      21.43      16.18      21.43      25.43
  17.43      25.43      21.43      34.57      34.00      26.29      26.00      26.00
  26.00      26.00      26.00      26.00      26.00      26.00      26.00      26.00
  26.00      26.00      26.00      26.00      26.00      26.29      9.429      25.14
  34.57      34.57      26.00      26.00      26.00      22.00      10.00      4.998
  5.115      8.348      9.543      40.29      26.57      19.99      20.83      20.83
  16.65      24.86      26.00      17.00      20.29      2.820      3.889      0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     27.14      22.86      18.29      22.86      23.71      24.00      18.00
  25.43      24.76      24.76      21.43      12.18      35.14      30.00      25.43
  25.43      25.43      34.57      28.00      29.14      26.00      26.00      26.00
  26.00      26.00      26.00      26.00      26.00      26.00      26.00      26.00
  26.00      26.00      26.00      26.00      26.00      27.14      23.19      26.00
  26.00      26.00      26.00      26.00      26.00      26.00      26.00      27.14
  27.14      15.35      16.46      13.01      13.72      14.26      30.57      11.00
  11.00      14.00      18.00      26.00      18.00      13.03      0.0000     0.0000
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     27.14      20.57      18.29      27.43      19.43      14.86      17.43
  23.00      27.00      27.00      10.71      15.71      23.00      27.00      24.14
  24.14      34.00      34.00      28.00      24.00      26.00      26.00      26.00
  26.00      26.00      26.00      26.00      26.00      30.00      30.00      30.00
  30.00      30.00      30.00      30.00      30.00      27.14      30.00      30.00
  30.00      26.00      26.00      26.00      27.14      23.35      22.20      22.20
  22.20      28.86      28.86      28.86      33.43      38.57      10.69      18.00
  9.000      9.000      13.31      10.06      10.26      22.17      26.75      26.75
 0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000     22.86      25.14      18.29      22.86      10.67      14.00      9.429
  7.000      11.00      20.14      9.096      20.71      23.00      24.14      28.14
  28.14      31.00      26.00      26.00      26.00      34.00      26.00      26.00
  26.00      30.00      30.00      30.00      30.00      30.00      30.00      30.00
  30.00      30.00      30.00      30.00      30.00      30.00      30.00      30.00
  31.14      31.14      31.14      31.14      31.14      30.00      32.86      32.86
  32.86      32.86      32.86      28.86      28.86      29.43      38.57      10.69
  29.43      29.43      29.43      16.29      16.29      20.29      20.29      3.889
  17.32      22.17      26.75      0.0000     0.0000
 0.0000     18.29      27.43      20.57      23.17      18.62      13.63      23.65
  24.29      15.06      14.18      32.57      27.00      28.14      30.00      30.00
  30.00      30.00      21.03      30.00      30.00      35.00      30.00      30.00
  30.00      30.00      30.00      30.00      30.00      30.00      30.00      30.00
  30.00      30.00      30.00      30.00      30.00      30.00      30.00      30.00
  30.00      30.00      30.00      30.00      30.00      30.00      30.00      28.86
  28.86      32.86      32.86      32.86      28.86      33.43      19.05      19.05
```

12.60	14.95	34.57	30.00	29.43	24.86	28.86	28.86
20.86	6.857	22.17	26.75	0.0000			
0.0000	27.43	27.43	20.57	18.20	2.286	2.286	15.71
13.65	12.86	15.06	32.57	30.86	31.57	27.00	23.00
27.00	30.00	22.08	24.36	29.92	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	34.00	30.00	26.13
30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
23.24	24.29	24.29	18.16	18.46	19.05	19.05	32.29
32.29	32.29	8.348	15.24	15.24	15.24	12.21	8.348
3.232	3.232	29.71	26.75	0.0000			
0.0000	32.00	27.43	19.39	13.03	6.857	12.86	13.14
16.00	15.46	14.18	31.43	26.86	19.00	19.00	27.00
27.00	25.86	32.71	34.57	30.00	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	30.00	30.00	27.21
27.21	27.21	27.21	27.21	27.21	27.21	27.24	23.24
23.24	23.24	23.24	23.24	23.24	23.24	23.24	23.27
23.27	23.27	22.13	22.13	36.86	32.29	33.00	36.29
36.29	36.29	35.43	35.43	35.43	35.43	15.00	17.00
17.00	11.00	15.00	8.460	0.0000			
0.0000	0.0000	41.14	19.74	22.86	16.00	16.00	7.143
12.86	9.748	15.46	22.86	26.86	19.00	23.00	25.86
24.71	24.71	28.71	32.71	29.86	31.00	34.00	31.14
31.14	31.14	31.14	31.14	31.14	31.14	31.14	31.14
31.14	31.14	31.14	31.14	31.14	27.14	27.21	27.21
31.14	31.14	31.14	31.14	31.14	31.14	31.14	32.29
31.43	25.00	27.43	27.43	23.00	21.00	23.00	31.00
36.29	36.29	35.43	35.43	35.43	35.43	31.43	31.43
19.00	21.00	23.00	35.43	0.0000			
0.0000	0.0000	36.57	22.85	14.10	10.00	10.00	5.849
12.68	17.14	17.14	10.00	26.86	25.86	29.86	24.71
25.86	29.86	29.86	31.00	27.00	27.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.71	30.71	30.71	30.71
30.71	30.71	30.71	30.71	30.71	30.71	30.71	26.00
25.00	25.00	29.00	27.00	27.00	29.00	29.00	26.00
25.00	21.00	23.43	27.43	31.43	31.43	35.43	35.43
35.43	34.00	34.00	35.43	0.0000			
0.0000	0.0000	27.43	9.350	11.51	15.71	12.86	12.68
14.29	18.57	14.86	20.57	25.71	21.86	25.86	25.86
28.71	28.71	28.71	25.86	25.86	26.71	30.00	30.00
30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
29.00	29.00	29.00	34.00	34.00	34.00	34.00	35.14
35.14	38.29	38.29	31.43	31.43	27.43	23.43	23.43
22.00	22.00	26.00	22.00	0.0000			
0.0000	0.0000	22.86	12.61	11.37	12.86	13.18	12.61
10.00	12.86	17.71	20.57	24.57	20.71	21.86	23.00
25.86	29.86	29.86	33.86	35.00	30.00	30.00	30.00
30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
30.00	31.14	31.14	31.14	31.14	31.14	31.14	31.14
31.14	31.14	31.14	30.00	30.00	30.00	30.00	30.00
30.00	30.00	37.43	37.43	33.43	33.43	33.43	37.43

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33.00        25.00        25.00        25.00        25.00        25.00        26.00        26.00
30.00        30.00        26.00        26.00        0.0000
0.0000       0.0000       27.43        16.50        12.61        10.00        12.86        12.61
10.00        15.71        18.57        24.57        29.71        28.71        25.86        25.86
25.86        25.86        23.00        28.14        30.00        30.00        30.00        30.00
30.00        30.00        30.00        30.00        30.00        30.00        30.00        30.00
30.00        30.00        30.00        30.00        35.14        37.43        37.43        37.43
37.43        37.43        37.43        37.43        36.29        36.29        36.29        36.29
36.29        37.43        33.43        33.43        33.43        34.14        37.43        35.14
34.00        34.00        34.00        31.43        30.00        31.43        31.43        30.00
31.43        30.00        26.00        26.00        0.0000
0.0000       0.0000       14.82        12.61        17.14        10.00        15.71        18.57
12.86        15.71        15.71        15.71        17.71        20.71        30.71        30.71
30.00        30.00        30.00        30.00        30.00        30.00        30.00        30.00
30.00        30.00        30.00        30.00        30.00        30.00        30.00        30.00
30.00        30.00        30.00        31.14        35.14        30.00        30.00        31.43
31.43        31.43        32.29        32.29        32.29        28.29        28.29        28.29
28.29        29.43        29.43        32.14        30.00        30.00        30.00        32.86
35.43        35.43        35.43        35.43        35.43        35.43        35.43        35.43
35.43        35.43        35.43        0.0000       0.0000
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0.0000       0.0000       0.0000       0.0000       0.0000
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272

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      70.1736E-02        (F6.4,7F10.3)          0          TRANS   4
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 0.0000    0.0000    0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
 0.0000    21.37     23.33      24.88      28.88      92.88      15.61      11.91
 88.88     90.80     88.88      142.2      142.2      146.1      144.1      142.2
 140.3     140.3     140.3      142.2      142.2      142.2      142.2      142.2
 144.1     6.000     6.000      6.000      6.000      6.000      6.000      6.000
 6.000     6.000     6.000      6.000      6.000      6.000      6.000      6.000
 6.000     6.000     6.000      59.59      59.59      6.000      6.000      6.000
 6.000     16.70     30.16      29.34      16.35      10.00      10.00      10.00
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10.00    20.13    22.05    0.0000    0.0000
0.0000   0.0000   0.0000   0.0000    0.0000   53.33   106.7   320.0
53.34    44.67    39.55    32.72     10.00    10.00   11.99   8.522
7.975    8.658    13.97    6.000     6.000    13.97   13.97   13.97
13.97    13.97    13.97    13.97     13.97    13.97   13.97   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    23.39     23.39    14.26   14.26   14.26
12.17    12.17    10.82    10.03     6.000    6.000   6.000   6.000
9.740    8.903    11.37    6.000     8.316    8.040   8.158   7.090
6.505    9.605    30.80    88.88     0.0000
0.0000   0.0000   0.0000   82.22     133.3    80.05   53.36   53.37
106.7    6.000    10.00    27.10     12.66    13.97   11.20   6.000
6.000    6.000    6.000    11.20     13.97    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    10.00   23.29   23.29
17.09    6.000    6.000    6.000     6.000    6.000   6.000   6.000
15.50    16.62    0.0000   0.0000    0.0000
0.0000   0.0000   26.67    246.0     43.33    35.55   6.644   3.742
16.80    19.33    8.522    6.000     10.00    6.000   6.000   6.000
6.000    6.000    10.00    10.00     10.00    6.000   6.000   6.000
6.000    2.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    23.10    16.86    16.86     20.86    10.00   10.00   10.00
10.00    10.00    10.00    10.00     10.00    10.00   10.00   10.00
15.50    16.62    0.0000   0.0000    0.0000
0.0000   0.0000   33.33    54.00     6.000    6.000   6.000   6.000
11.99    10.21    10.36    6.000     6.000    6.000   10.00   10.00
10.00    10.00    6.000    6.000     6.000    2.000   2.000   2.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   10.00   10.00
10.00    10.00    10.00    10.00     10.00    6.000   6.000   6.000
9.481    20.14    0.0000   0.0000    0.0000
0.0000   0.0000   44.00    6.000     6.000    6.000   10.00   10.00
10.00    6.000    9.740    6.000     6.000    6.000   6.000   6.000
6.000    6.000    2.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   10.00
10.00    10.00    10.00    10.00     10.00    6.000   6.000   6.000
12.17    14.59    0.0000   0.0000    0.0000
0.0000   0.0000   44.00    10.00     10.00    10.00   10.00   10.00
10.00    10.00    6.000    10.75     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    6.000    6.000    6.000     6.000    6.000   6.000   6.000
6.000    10.00    10.00    10.00     10.00    10.00   6.000   6.000
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6.000	10.40	0.0000	0.0000	0.0000			
0.0000	0.0000	75.33	10.00	10.00	10.00	10.00	6.000
10.00	10.00	12.23	13.92	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	10.00	10.00	6.000	6.000	6.000
6.000	11.52	0.0000	0.0000	0.0000			
0.0000	0.0000	10.00	6.000	6.000	6.000	6.000	6.000
6.000	9.366	10.75	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	10.00	10.00	6.000	6.000	6.000
6.000	10.17	10.17	0.0000	0.0000			
0.0000	0.0000	10.00	6.000	6.000	6.000	6.000	10.00
10.00	10.00	7.584	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	10.00	6.000	6.000	6.000	6.000
15.16	15.16	0.0000	0.0000	0.0000			
0.0000	0.0000	10.00	6.000	6.000	6.000	10.00	10.00
10.00	10.00	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	6.000	6.000	16.62	16.62	14.59
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	6.000	6.000	6.000	6.000	10.00	10.00
10.00	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	6.000	6.000	17.59	17.59	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	6.000	6.000	6.000	6.000	10.00	10.00
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	10.00	6.000	18.77	15.83	0.0000

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 0.0000   0.0000   0.0000   0.0000   0.0000
 0.0000   0.0000   6.000    6.000    6.000    10.00    10.00    10.00
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
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 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    10.00    6.000    6.000    6.000    10.11    11.29
 0.0000   0.0000   0.0000   0.0000   0.0000
 0.0000   0.0000   6.000    6.000    6.000    10.00    10.00    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    10.00    6.000    6.000    6.000    6.194    9.143
 10.11    0.0000   0.0000   0.0000   0.0000
 0.0000   0.0000   6.000    6.000    6.000    10.00    10.00    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    7.680
 11.29    0.0000   0.0000   0.0000   0.0000
 0.0000   0.0000   6.000    6.000    6.000    10.00    10.00    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 22.25    0.0000   0.0000   0.0000   0.0000
 0.0000   0.0000   6.000    6.000    6.000    10.00    10.00    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    10.00    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 18.77    0.0000   0.0000   0.0000   0.0000
 0.0000   0.0000   6.000    14.94    6.000    10.00    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    10.00    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
 6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
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18.77	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	6.000	15.12	6.000	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	10.00	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
17.59	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	6.000	15.81	6.000	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	10.00	10.00	10.00	10.00
10.00	10.00	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
20.28	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	6.000	12.35	10.00	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	10.00	10.00	10.00	10.00
10.00	10.00	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
20.28	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	6.000	15.81	10.00	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	10.00	6.000	10.00	10.00	10.00
10.00	10.00	10.00	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
20.28	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	6.000	15.81	10.00	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	10.00	6.000	10.00	10.00	10.00
10.00	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
18.77	0.0000	0.0000	0.0000	0.0000			
0.0000	15.24	6.000	10.53	13.93	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	10.00	6.000	10.00	10.00	10.00
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000

17.59	14.10	0.0000	0.0000	0.0000			
0.0000	18.92	6.000	13.03	14.94	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	10.00	10.00	10.00	10.00	10.00
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
15.83	17.59	0.0000	0.0000	0.0000			
0.0000	13.92	24.07	13.03	15.01	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	10.00	10.00	10.00	10.00	10.00	10.00
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	2.000	2.000
10.36	20.28	0.0000	0.0000	0.0000			
0.0000	16.86	35.47	13.03	15.01	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	2.000	2.000	2.000
10.36	22.25	0.0000	0.0000	0.0000			
0.0000	6.000	35.47	13.52	15.01	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	2.000	2.000	2.000
12.88	23.48	0.0000	0.0000	0.0000			
0.0000	6.000	35.47	13.03	15.01	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	2.000	2.000	2.000	2.000	2.000
12.09	23.48	0.0000	0.0000	0.0000			
0.0000	6.000	35.47	13.52	12.98	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	2.000	2.000	2.000	2.000	2.000

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 10.85      23.48       0.0000     0.0000     0.0000
 0.0000      6.000      35.47      13.03      16.15       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000     10.00
10.00       10.00       10.00      10.00      10.00       10.00      10.00      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       2.000      2.000      2.000       2.000      2.000      2.000
10.85       18.77       0.0000     0.0000     0.0000
 0.0000      6.000      35.47      13.03      16.15       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000     10.00      10.00
10.00       10.00       10.00      10.00      10.00       10.00      10.00      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       2.000      2.000      2.000       2.000      2.000      2.000
10.85       16.62       0.0000     0.0000     0.0000
 0.0000      6.000      35.47      13.03      19.32       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000     10.00      10.00
10.00       10.00       10.00      10.00      10.00       10.00      10.00      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       2.000      2.000      2.000       2.000      2.000     10.85
20.28       15.16       0.0000     0.0000     0.0000
 0.0000      6.000      35.47      13.03      16.15       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000     10.00      10.00
10.00       10.00       10.00      10.00      10.00       10.00      10.00      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       2.000      2.000      2.000       2.000      2.000      2.000
15.16        0.0000     0.0000     0.0000     0.0000
 0.0000      6.000      34.50      13.03      16.15       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000      10.00       10.00      10.00      10.00       10.00      10.00      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       2.000      2.000      2.000       2.000      2.000      2.000
15.83        0.0000     0.0000     0.0000     0.0000
 0.0000      6.000       6.000     12.85      19.09       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000      10.00       10.00      10.00      10.00       10.00      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       6.000      6.000      6.000       6.000      6.000      6.000
 6.000       6.000       2.000      2.000      2.000       2.000      2.000      6.000
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18.77	0.0000	0.0000	0.0000	0.0000			
0.0000	6.000	6.000	12.85	10.00	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	10.00	10.00	10.00	10.00	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	2.000	2.000	2.000	2.000	6.000	6.000
16.62	0.0000	0.0000	0.0000	0.0000			
0.0000	6.000	6.000	6.000	10.00	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	10.00	10.00	10.00	10.00	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	2.000	2.000	2.000	2.000	6.000	6.000	6.000
16.62	0.0000	0.0000	0.0000	0.0000			
0.0000	6.000	6.000	6.000	10.00	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	10.00	10.00	10.00	10.00	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	2.000	2.000	2.000	6.000	6.000	6.000	6.000
15.83	0.0000	0.0000	0.0000	0.0000			
0.0000	6.000	6.000	10.00	10.00	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	10.00	10.00	10.00	10.00	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	2.000	2.000	6.000	6.000	6.000	6.000	6.000
15.16	0.0000	0.0000	0.0000	0.0000			
0.0000	6.000	6.000	10.00	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	2.000	6.000	6.000	6.000	6.000	6.000	6.000
13.48	0.0000	0.0000	0.0000	0.0000			
0.0000	10.00	6.000	10.00	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
10.00	10.00	10.00	10.00	10.00	10.00	10.00	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	7.247

0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	10.00	10.00	10.00	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	10.00
10.00	10.00	10.00	10.00	10.00	10.00	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	7.247
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	10.00	10.00	10.00	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	10.00
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	7.247	9.740	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	10.00	10.00	10.00	10.00	6.000	10.00	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	9.740	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	10.00	10.00	10.00	10.00	10.00	10.00	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	9.740	9.740	9.740
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	10.00	10.00	6.000	10.00	12.20	6.000	6.000
6.000	6.000	6.000	9.933	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	9.740
9.084	9.740	9.740	0.0000	0.0000			
0.0000	10.00	10.00	6.000	12.99	12.42	11.44	13.50
6.000	10.91	8.489	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000

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6.000    6.000    9.740    9.740    0.0000
0.0000   10.00    10.00    6.000    11.44    6.000    6.000    6.000
14.27    6.000    11.47    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    9.740    0.0000
0.0000   10.00    10.00    16.50    9.740    6.000    6.000    6.000
6.000    12.81    8.447    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    9.740    0.0000
0.0000   0.0000   10.00    17.31    6.000    6.000    6.000    6.000
6.000    12.81    12.08    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
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0.0000   0.0000   10.00    11.25    12.16    6.000    6.000    9.005
12.58    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
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6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    0.0000
0.0000   0.0000   10.00    10.15    8.282    6.000    6.000    12.58
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
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6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    0.0000
0.0000   0.0000   10.00    11.44    7.713    6.000    13.19    11.85
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
6.000    6.000    6.000    6.000    6.000    6.000    6.000    6.000
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   6.000        6.000        6.000        6.000        0.0000
 0.0000        0.0000       10.00        14.62        11.60         6.000        6.000       11.44
   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
   6.000        6.000        6.000        6.000        0.0000
 0.0000        0.0000       16.15        12.25         6.000        6.000        6.000        6.000
   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
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   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
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   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
   6.000        6.000        6.000        6.000        6.000        6.000        6.000        6.000
   6.000        6.000        6.000        0.0000        0.0000
 0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000
 0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000
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 0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000
 0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000
 0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000
 0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000
 0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000        0.0000
 0.0000        0.0000        0.0000        0.0000        0.0000
          7          1.0        (6X,6G12.5)            0           VCONT 45
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
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        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
        0.00000      0.00000      0.00000      0.28921E-09  0.13890E-06  0.99216E-07
        0.99216E-07  0.99216E-07  0.99216E-07  0.53601E-07  0.13890E-06  0.13890E-06
        0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06
        0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06
        0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06
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        0.13890E-06  0.13890E-06  0.13890E-06  0.35916E-07  0.35916E-07  0.13890E-06
        0.13890E-06  0.13890E-06  0.13890E-06  0.82482E-07  0.28880E-09  0.28855E-09
        0.60191E-07  0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06  0.13890E-06
        0.13890E-06  0.00000      0.00000
        0.00000      0.00000      0.00000      0.00000      0.00000      0.16007E-08
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0.28897E-09 0.12394E-09 0.12394E-09 0.99216E-07 0.99216E-07 0.99216E-07
0.99216E-07 0.13890E-06 0.75222E-07 0.75222E-07 0.79017E-07 0.13890E-06
0.13890E-06 0.13890E-06 0.13890E-06 0.13890E-06 0.13890E-06 0.13890E-06
0.13890E-06 0.13890E-06 0.13890E-06 0.13890E-06 0.13890E-06 0.13890E-06
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0.00000     0.00000     0.99216E-11 0.23117E-09 0.53849E-09 0.23150E-10
0.13890E-10 0.13890E-10 0.14064E-10 0.13890E-10 0.13890E-10 0.13890E-10
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0.13890E-10 0.13890E-10 0.00000
0.00000     0.00000     0.99216E-11 0.99216E-11 0.87889E-09 0.13890E-10
0.13890E-10 0.14064E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
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0.13890E-10 0.13890E-10 0.00000
0.00000     0.00000     0.99216E-11 0.99216E-11 0.35643E-09 0.13890E-10
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0.13890E-10 0.13890E-10 0.00000
0.00000     0.00000     0.99216E-11 0.11765E-10 0.21985E-09 0.13890E-10
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    0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11
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    0.13890E-10 0.13890E-10 0.00000
    0.00000      0.00000      0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
    0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
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    0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11
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    0.13890E-10 0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
    0.00000      0.00000      0.00000
      70.5787E-04        (F6.4,7F10.3)        0        TRANS  5
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
  0.0000    0.4696    2.000     2.800     2.800     2.800     2.800     2.000
   2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
   2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
   2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
   2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
   2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
   2.000     2.000     1.877     2.550     2.000     2.000     2.000     2.000
   2.000     2.000     2.000     0.0000    0.0000
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0.0000    0.0000    0.0000    0.0000    0.0000    160.4     1.200     1.200
0.8755    2.800     2.800     2.800     2.800     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.104     2.348     2.348     2.348
2.648     2.000     2.000     2.000     0.0000
0.0000    0.0000    0.0000    160.0     0.6146    1.844     1.596     1.410
1.410     2.000     2.800     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     0.0000    0.0000    0.0000
0.0000    0.0000    33.20     1.200     2.000     2.000     1.580     1.580
1.410     2.000     2.000     2.000     2.000     2.000     1.200     1.200
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
1.200     1.200     1.200     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     0.0000    0.0000    0.0000
0.0000    0.0000    96.00     2.000     2.000     2.000     2.000     2.800
2.800     2.800     2.000     2.000     1.200     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     1.200     1.200     1.200     1.200     1.200
1.200     1.200     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     0.0000    0.0000    0.0000
0.0000    0.0000    96.00     2.000     2.800     2.800     2.800     2.800
2.800     2.000     2.000     1.200     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     0.0000    0.0000    0.0000
0.0000    0.0000    96.00     2.000     2.800     2.800     2.800     2.800
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.800     2.800     2.800     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     0.0000    0.0000    0.0000
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0.0000	0.0000	2.000	2.800	2.800	2.800	2.800	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.800	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			

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0.0000    0.0000    2.800     2.800     2.800     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    2.800     2.800     2.800     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    2.800     2.800     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    2.800     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     1.200     1.200
2.000     0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    2.800     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     1.200     1.200     1.200     2.000
2.000     0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    2.800     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     1.200     1.200     1.200     2.000     2.000
2.000     0.0000    0.0000    0.0000    0.0000
```

0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
3.600	3.600	3.600	3.600	2.800	2.800	2.800	2.800
2.800	2.800	2.800	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	3.600	3.600	3.600	4.400	4.400	4.400	3.600
3.600	3.600	3.600	3.600	3.600	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	2.800	3.600	3.600
3.600	3.600	3.600	3.600	3.600	3.600	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.800	2.800	2.800	3.600	3.600	3.600	3.600	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	6.732	2.000	2.348	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.800	2.800	2.800	3.600	3.600	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			

0.0000	5.891	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	2.000	1.200
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	3.600	3.600	3.600
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	2.000	2.000
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	2.000
2.000	2.000	2.000	2.000	2.800	2.800	3.600	3.600
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.800	2.800	3.600
3.600	2.800	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
1.200	2.000	2.800	3.600	2.800	2.800	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.800	2.800	3.600
3.600	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.800	2.000	3.600	2.800	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	1.200	1.200	2.000	2.800	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.800	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	1.200	1.200	2.000	2.800	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			

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0.0000    1.200    2.000    2.348    2.000    2.000    2.000    2.000
1.200    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.800    2.000    2.000    2.000    2.800    2.000    1.200    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000    0.0000    0.0000
0.0000    1.200    2.000    2.348    2.000    2.000    2.000    2.000
1.200    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.800    2.000    2.000    2.000    2.800    2.000    1.200    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    1.200    2.000    2.000    2.000    2.000    2.000
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2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000    0.0000    0.0000
0.0000    1.200    1.200    2.348    2.000    2.000    2.000    2.000
1.200    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    1.200    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    1.200    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
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2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000    0.0000    0.0000
0.0000    1.200    1.200    2.348    2.000    2.000    2.000    2.000
1.200    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    1.200    1.200    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    0.0000    0.0000    0.0000    0.0000
0.0000    1.200    1.200    2.348    2.000    2.000    2.000    2.000
1.200    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.000    2.000    2.000    1.200    1.200    1.200    1.200    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    0.0000    0.0000    0.0000    0.0000
0.0000    1.200    1.200    2.000    2.000    2.000    2.000    2.000
1.200    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.000    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    0.0000    0.0000    0.0000    0.0000
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0.0000    1.200     1.200     2.000     2.000     2.000     2.000     2.000
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     0.0000    0.0000    0.0000    0.0000
0.0000    1.200     2.000     2.000     2.000     2.000     2.000     2.000
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     0.0000    0.0000    0.0000    0.0000
0.0000    1.200     2.000     2.000     2.000     2.000     2.000     2.000
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     0.0000    0.0000    0.0000    0.0000
0.0000    1.200     2.000     2.000     2.000     2.000     2.000     2.000
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     0.0000    0.0000    0.0000    0.0000
0.0000    1.200     2.000     2.000     2.000     2.000     2.000     2.000
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
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2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     0.0000    0.0000    0.0000    0.0000
0.0000    1.200     2.000     2.000     2.000     2.000     2.000     2.000
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
1.200     1.200     1.200     1.200     1.200     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
0.0000    0.0000    0.0000    0.0000    0.0000
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0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
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0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	2.000
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1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.344	1.403	1.403	2.328
2.000	2.315	2.315	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			

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0.0000    2.000    2.800    2.000    1.403    1.200    1.200    2.000
2.315    2.000    2.095    2.000    2.000    2.000    2.000    2.000
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2.800    2.800    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    0.0000
0.0000    2.000    2.800    2.103    1.200    1.200    1.200    2.000
2.000    2.095    2.000    2.000    2.000    2.000    2.000    2.000
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2.800    2.800    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    0.0000
0.0000    0.0000    2.800    2.103    1.200    1.200    1.200    2.000
2.000    2.095    2.000    2.000    2.000    2.000    2.000    2.000
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2.800    2.000    2.000    2.000    2.000    2.000    2.000    2.000
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2.000    2.000    2.000    2.000    0.0000
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 0.0000     0.0000     0.0000     0.0000     0.0000     160.4      1.200      1.200
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0.8755	2.800	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.104	2.348	2.348	2.348
2.648	2.000	2.000	2.000	0.0000			
0.0000	0.0000	0.0000	160.0	0.6146	1.844	1.596	1.410
1.410	2.000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	33.20	1.200	2.000	2.000	1.580	1.580
1.410	2.000	2.000	2.000	2.000	2.000	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	96.00	2.000	2.000	2.000	2.000	2.800
2.800	2.800	2.000	2.000	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	96.00	2.000	2.800	2.800	2.800	2.800
2.800	2.000	2.000	1.200	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	96.00	2.000	2.800	2.800	2.800	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	2.800	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	2.000	2.800	2.800	2.800	2.800	2.800

2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.800	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000

2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000

```
2.000      2.000      2.000      1.200      1.200      1.200      1.200      1.200
1.200      1.200      1.200      1.200      1.200      1.200      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      1.200      1.200      2.000      2.000      2.000
2.000      0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     2.800      2.352      2.000      2.000      2.000      2.000
2.000      2.000      2.000      1.200      1.200      1.200      1.200      1.200
1.200      1.200      1.200      2.000      2.000      2.000      2.000      2.000
3.600      3.600      3.600      3.600      2.800      2.800      2.800      2.800
2.800      2.800      2.800      2.800      2.800      2.800      2.800      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      1.200      1.200      2.000      2.000      2.000      2.000
2.000      0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     2.800      2.352      2.000      2.000      2.000      2.000
2.000      2.000      2.000      1.200      1.200      1.200      1.200      1.200
1.200      1.200      2.000      2.000      2.000      2.000      2.000      2.000
2.000      3.600      3.600      3.600      4.400      4.400      4.400      3.600
3.600      3.600      3.600      3.600      3.600      2.800      2.800      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      1.200      1.200      2.000      2.000      2.000      2.000
2.000      0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     2.800      2.352      2.000      2.000      2.000      2.000
2.000      2.000      1.200      1.200      1.200      1.200      1.200      1.200
1.200      1.200      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.800      2.800      2.800      3.600      3.600
3.600      3.600      3.600      3.600      3.600      3.600      2.800      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      0.0000     0.0000     0.0000     0.0000
0.0000     0.0000     2.800      2.352      2.000      2.000      2.000      2.000
2.000      2.000      1.200      1.200      1.200      1.200      1.200      1.200
1.200      1.200      2.000      2.000      2.800      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.800      2.800      2.800      3.600      3.600      3.600      3.600      2.800
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      0.0000     0.0000     0.0000     0.0000
0.0000     6.732      2.000      2.348      2.000      2.000      2.000      2.000
2.000      2.000      1.200      1.200      1.200      1.200      1.200      1.200
1.200      2.000      2.000      2.800      2.800      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.800      2.800      2.800      3.600      3.600      2.800
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
2.000      2.000      0.0000     0.0000     0.0000
0.0000     5.891      2.000      2.348      2.000      2.000      2.000      2.000
```

2.000	1.200	1.200	1.200	1.200	1.200	2.000	1.200
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	3.600	3.600	3.600
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	2.000	2.000
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	2.000
2.000	2.000	2.000	2.000	2.800	2.800	3.600	3.600
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.800	2.800	3.600
3.600	2.800	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
1.200	2.000	2.800	3.600	2.800	2.800	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.800	2.800	3.600
3.600	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.800	2.000	3.600	2.800	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	1.200	1.200	2.000	2.800	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.800	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	1.200	1.200	2.000	2.800	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000

1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.800	2.000	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.800	2.000	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.000	2.000	2.000	2.000	2.000

1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	0.0000	0.0000	0.0000	0.0000			
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1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
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1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000

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0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
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0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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0.0000	1.200	2.800	2.000	2.344	1.403	1.403	2.328
2.000	2.315	2.315	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	0.0000			
0.0000	2.000	2.800	2.000	1.403	1.200	1.200	2.000

2.315	2.000	2.095	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	2.000	2.800	2.103	1.200	1.200	1.200	2.000
2.000	2.095	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.103	1.200	1.200	1.200	2.000
2.000	2.095	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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0.0000	0.0000	2.800	3.287	1.409	1.200	2.000	2.000
2.095	2.000	2.000	2.000	2.000	2.800	2.800	2.000
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2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.800	1.589	2.000	2.000	2.095
2.000	2.000	2.000	2.000	2.000	2.800	2.800	2.800
2.800	2.800	2.800	2.800	2.800	2.000	2.000	2.000
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2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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0.0000	0.0000	2.800	2.800	2.649	2.000	2.000	2.000
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2.800	2.800	2.800	2.800	2.800	2.800	2.800	2.800
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.800	2.800	2.800	2.800	2.800
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
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0.0000	0.0000	2.800	3.678	2.345	2.000	2.000	2.000

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  0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.4696     2.000      2.800      2.800      2.800      2.800      2.000
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  2.000      2.000      1.877      2.550      2.000      2.000      2.000      2.000
  2.000      2.000      2.000      0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     160.4      1.200      1.200
  0.8755     2.800      2.800      2.800      2.800      2.000      2.000      2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.104	2.348	2.348	2.348
2.648	2.000	2.000	2.000	0.0000			
0.0000	0.0000	0.0000	160.0	0.6146	1.844	1.596	1.410
1.410	2.000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	33.20	1.200	2.000	2.000	1.580	1.580
1.410	2.000	2.000	2.000	2.000	2.000	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	96.00	2.000	2.000	2.000	2.000	2.800
2.800	2.800	2.000	2.000	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	96.00	2.000	2.800	2.800	2.800	2.800
2.800	2.000	2.000	1.200	2.000	2.000	2.000	2.000
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1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	96.00	2.000	2.800	2.800	2.800	2.800
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2.000	2.000	2.000	2.800	2.800	2.800	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	2.000	2.800	2.800	2.800	2.800	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.200

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0.0000   0.0000   2.800    2.800    2.800    2.000    2.000    2.000
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2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    0.0000
0.0000   0.0000   0.0000   0.0000   0.0000
0.0000   0.0000   2.800    2.800    2.800    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
```

2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200

1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
3.600	3.600	3.600	3.600	2.800	2.800	2.800	2.800
2.800	2.800	2.800	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	3.600	3.600	3.600	4.400	4.400	4.400	3.600
3.600	3.600	3.600	3.600	3.600	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	2.800	3.600	3.600
3.600	3.600	3.600	3.600	3.600	3.600	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.800	2.800	2.800	3.600	3.600	3.600	3.600	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	6.732	2.000	2.348	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.800	2.800	2.800	3.600	3.600	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	5.891	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	2.000	1.200

1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	·2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	3.600	3.600	3.600
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	2.000	2.000
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	2.000
2.000	2.000	2.000	2.000	2.800	2.800	3.600	3.600
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.800	2.800	3.600
3.600	2.800	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
1.200	2.000	2.800	3.600	2.800	2.800	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.800	2.800	3.600
3.600	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	. 2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.800	2.000	3.600	2.800	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	1.200	1.200	2.000	2.800	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.800	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	1.200	1.200	2.000	2.800	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000

2.800	2.000	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.800	2.000	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200

1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200

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  1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
  1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
  1.200     1.200     1.200     2.000     2.000     2.000     2.000     2.000
  2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
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  2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000     1.200     2.800     2.000     2.000     2.000     2.000     2.000
  2.000     1.200     1.200     1.200     1.200     1.200     1.200     1.200
  1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
  1.200     1.200     1.200     1.200     1.200     1.200     2.000     2.000
  2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
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 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000     1.200     2.800     2.000     2.000     2.000     2.000     2.000
  1.200     1.200     1.200     1.200     1.200     1.200     1.200     1.200
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  1.200     1.200     2.000     2.000     2.000     2.000     2.000     2.000
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 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000     1.200     2.800     2.000     2.000     2.000     2.000     1.200
  1.200     1.200     1.200     1.200     1.200     2.000     2.000     1.200
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  2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
 0.0000    0.0000    0.0000    0.0000    0.0000
 0.0000     1.200     2.800     2.000     2.000     2.000     2.000     1.200
  2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
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  2.000     2.315     2.315     2.000     2.000     2.000     2.000     2.000
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  2.000     2.000     2.000     2.000     2.000     2.000     2.000     2.000
  2.000     2.000     2.000     2.000    0.0000
 0.0000     2.000     2.800     2.000     1.403     1.200     1.200     2.000
  2.315     2.000     2.095     2.000     2.000     2.000     2.000     2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	2.000	2.000
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	2.000	2.800	2.103	1.200	1.200	1.200	2.000
2.000	2.095	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.800
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.103	1.200	1.200	1.200	2.000
2.000	2.095	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	3.287	1.409	1.200	2.000	2.000
2.095	2.000	2.000	2.000	2.000	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.800	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.800	1.589	2.000	2.000	2.095
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	2.800	2.800	2.800
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2.000	2.000	2.000	2.000	0.0000			
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2.000	2.000	2.000	2.000	2.800	2.800	2.800	2.800

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0.13890E-10 0.99216E-11 0.99216E-11 0.99216E-11 0.13890E-10 0.13890E-10
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     0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
     0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11
     0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11
     0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11
     0.99216E-11 0.99216E-11 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
     0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
     0.13890E-10 0.13890E-10 0.13890E-10 0.99216E-11 0.99216E-11 0.99216E-11
     0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11
     0.99216E-11 0.99216E-11 0.99216E-11 0.13890E-10 0.13890E-10 0.13890E-10
     0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
     0.13890E-10 0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
     0.00000      0.00000      0.00000
       70.5787E-04        (F6.4,7F10.3)         0        TRANS   8
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.4696     2.000      2.800      2.800      2.800      2.800      2.000
  2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
  2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
  2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
  2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
  2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
  2.000      2.000      1.877      2.550      2.000      2.000      2.000      2.000
  2.000      2.000      2.000      0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     160.4      1.200      1.200
  0.8755     2.800      2.800      2.800      2.800      2.000      2.000      2.000
  2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
```

2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.104	2.348	2.348	2.348
2.648	2.000	2.000	2.000	0.0000			
0.0000	0.0000	0.0000	160.0	0.6146	1.844	1.596	1.410
1.410	2.000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	33.20	1.200	2.000	2.000	1.580	1.580
1.410	2.000	2.000	2.000	2.000	2.000	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	96.00	2.000	2.000	2.000	2.000	2.800
2.800	2.800	2.000	2.000	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	96.00	2.000	2.800	2.800	2.800	2.800
2.800	2.000	2.000	1.200	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	96.00	2.000	2.800	2.800	2.800	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	2.800	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	2.000	2.800	2.800	2.800	2.800	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.800	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200

1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000

2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
3.600	3.600	3.600	3.600	2.800	2.800	2.800	2.800
2.800	2.800	2.800	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	3.600	3.600	3.600	4.400	4.400	4.400	3.600
3.600	3.600	3.600	3.600	3.600	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	2.800	3.600	3.600
3.600	3.600	3.600	3.600	3.600	3.600	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.800	2.800	2.800	3.600	3.600	3.600	3.600	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	6.732	2.000	2.348	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.800	2.800	2.800	3.600	3.600	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	5.891	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	2.000	1.200
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000

```
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.800    2.800    3.600    3.600    3.600
2.800    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000   0.0000   0.0000
0.0000   1.200    2.000    2.348    2.000    2.000    2.000    2.000
2.000    1.200    1.200    1.200    1.200    1.200    2.000    2.000
1.200    2.000    2.000    2.800    2.800    2.800    2.800    2.000
2.000    2.000    2.000    2.000    1.200    1.200    1.200    2.000
2.000    2.000    2.000    2.000    2.800    2.800    3.600    3.600
2.800    2.800    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000   0.0000   0.0000
0.0000   1.200    2.000    2.348    2.000    2.000    2.000    2.000
2.000    1.200    1.200    1.200    1.200    2.000    2.000    2.000
1.200    2.000    2.000    2.800    2.800    2.800    2.800    2.000
2.000    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    2.000    2.000    2.000    2.000    2.800    2.800    3.600
3.600    2.800    2.800    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000   0.0000   0.0000
0.0000   1.200    2.000    2.348    2.000    2.000    2.000    2.000
2.000    1.200    1.200    1.200    1.200    2.000    2.000    2.000
1.200    2.000    2.800    3.600    2.800    2.800    2.000    2.000
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    2.000    2.000    2.000    2.000    2.800    2.800    3.600
3.600    2.800    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000   0.0000   0.0000
0.0000   1.200    2.000    2.348    2.000    2.000    2.000    2.000
2.000    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.000    2.800    2.000    3.600    2.800    2.000    2.000    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    2.000    1.200    1.200    2.000    2.800    2.800
2.800    2.000    2.000    2.000    2.000    2.000    2.000    2.000
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2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000   0.0000   0.0000
0.0000   1.200    2.000    2.348    2.000    2.000    2.000    2.000
1.200    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.000    2.800    2.000    2.000    2.800    2.000    1.200    1.200
1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    2.000    1.200    1.200    2.000    2.800    2.800
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000   0.0000   0.0000
0.0000   1.200    2.000    2.348    2.000    2.000    2.000    2.000
1.200    1.200    1.200    1.200    1.200    2.000    2.000    2.000
2.800    2.000    2.000    2.000    2.800    2.000    1.200    1.200
```

1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.800	2.000	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200

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1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200

1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.344	1.403	1.403	2.328
2.000	2.315	2.315	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	2.000	2.800	2.000	1.403	1.200	1.200	2.000
2.315	2.000	2.095	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	2.000	2.000
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	2.000	2.800	2.103	1.200	1.200	1.200	2.000
2.000	2.095	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.800
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.103	1.200	1.200	1.200	2.000
2.000	2.095	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	3.287	1.409	1.200	2.000	2.000
2.095	2.000	2.000	2.000	2.000	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.800	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.800	1.589	2.000	2.000	2.095
2.000	2.000	2.000	2.000	2.000	2.800	2.800	2.800
2.800	2.800	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.800	2.649	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	2.800	2.800	2.800
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
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2.800	2.800	2.800	2.800	2.800	2.800	2.800	2.800

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      0.00000     0.00000     0.00000
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  0.0000     0.0000     0.0000     0.0000     0.0000
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  0.0000     0.4696     2.000      2.800      2.800      2.800      2.800      2.000
   2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
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   2.000      2.000      1.877      2.550      2.000      2.000      2.000      2.000
   2.000      2.000      2.000      0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     160.4      1.200      1.200
  0.8755     2.800      2.800      2.800      2.800      2.000      2.000      2.000
   2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
   2.000      2.000      2.000      2.000      2.000      2.000      2.000      2.000
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2.648    2.000    2.000    2.000    0.0000
0.0000   0.0000   0.0000   160.0    0.6146   1.844    1.596    1.410
1.410    2.000    2.800    2.000    2.000    2.000    2.000    2.000
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1.410    2.000    2.000    2.000    2.000    2.000    1.200    1.200
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2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
1.200    1.200    1.200    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    0.0000   0.0000   0.0000
0.0000   0.0000   96.00    2.000    2.000    2.000    2.000    2.800
2.800    2.800    2.000    2.000    1.200    2.000    2.000    2.000
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1.200    1.200    2.000    2.000    2.000    2.000    2.000    2.000
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0.0000   0.0000   96.00    2.000    2.800    2.800    2.800    2.800
2.800    2.000    2.000    1.200    2.000    2.000    2.000    2.000
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1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    0.0000   0.0000   0.0000
0.0000   0.0000   96.00    2.000    2.800    2.800    2.800    2.800
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2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
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1.200    1.200    1.200    1.200    1.200    1.200    1.200    1.200
1.200    1.200    0.0000   0.0000   0.0000
0.0000   0.0000   2.000    2.800    2.800    2.800    2.800    2.800
2.000    2.000    2.000    2.000    2.000    2.000    2.000    1.200
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
2.000    2.000    2.000    2.000    2.000    2.000    2.000    2.000
```

2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	0.0000	0.0000	0.0000			
0.0000	0.0000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.800	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200

1.200	2.000	2.000	2.000	2.000	2.000	2.000	.2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.800	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
3.600	3.600	3.600	3.600	2.800	2.800	2.800	2.800
2.800	2.800	2.800	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	3.600	3.600	3.600	4.400	4.400	4.400	3.600
3.600	3.600	3.600	3.600	3.600	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.800	2.800	2.800	3.600	3.600
3.600	3.600	3.600	3.600	3.600	3.600	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	0.0000	2.800	2.352	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.800	2.800	2.800	3.600	3.600	3.600	3.600	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	6.732	2.000	2.348	2.000	2.000	2.000	2.000
2.000	2.000	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.800	2.800	2.800	3.600	3.600	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	5.891	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	2.000	1.200
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

2.000	2.000	2.000	2.800	2.800	3.600	3.600	3.600
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	2.000	2.000
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	2.000	2.000	2.000	1.200	1.200	1.200	2.000
2.000	2.000	2.000	2.000	2.800	2.800	3.600	3.600
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
1.200	2.000	2.000	2.800	2.800	2.800	2.800	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.800	2.800	3.600
3.600	2.800	2.800	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
1.200	2.000	2.800	3.600	2.800	2.800	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	2.000	2.000	2.000	2.000	2.800	2.800	3.600
3.600	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.800	2.000	3.600	2.800	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	1.200	1.200	2.000	2.800	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.800	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	1.200	1.200	2.000	2.800	2.800
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.800	2.000	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200

1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.800	2.000	2.000	2.000	2.800	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.348	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	2.000	2.000	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	1.200	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200

1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.000	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200

1.200	1.200	1.200	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	2.000
2.000	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	2.000
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	2.000	2.000	1.200
1.200	1.200	1.200	1.200	1.200	1.200	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	1.200	2.800	2.000	2.000	2.000	2.000	1.200
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.315	2.315	2.000	2.000	2.000	2.000	2.000
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0.0000	2.000	2.800	2.000	1.403	1.200	1.200	2.000
2.315	2.000	2.095	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

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2.000	2.000	2.000	2.000	2.000	1.200	2.000	2.000
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	2.000	2.800	2.103	1.200	1.200	1.200	2.000
2.000	2.095	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.800
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.103	1.200	1.200	1.200	2.000
2.000	2.095	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	3.287	1.409	1.200	2.000	2.000
2.095	2.000	2.000	2.000	2.000	2.800	2.800	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.800	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.800	1.589	2.000	2.000	2.095
2.000	2.000	2.000	2.000	2.000	2.800	2.800	2.800
2.800	2.800	2.800	2.800	2.800	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.800	2.800	2.800
2.800	2.000	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	2.800	2.649	2.000	2.000	2.000
2.000	2.000	2.000	2.000	2.000	2.800	2.800	2.800
2.800	2.800	2.800	2.800	2.800	2.800	2.800	2.800
2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
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2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
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2.800	2.800	2.000	2.000	2.000	2.000	2.000	2.000
2.000	2.000	2.000	2.000	0.0000			
0.0000	0.0000	2.800	3.678	2.345	2.000	2.000	2.000
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2.800	2.800	2.800	2.800	2.800	2.800	2.800	2.800
2.800	2.800	2.800	2.800	2.800	2.800	2.000	2.000

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   0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000
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   0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000
   0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000
   0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000
   0.0000       0.0000       0.0000       0.0000       0.0000
            7        1.0         (6X,6G12.5)          0          VCONT 90
        0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
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0.13890E-06 0.13890E-06 0.00000
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0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
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0.99216E-11 0.99216E-11 0.99216E-11 0.13890E-10 0.13890E-10 0.13890E-10
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0.00000      0.00000      0.99216E-11 0.99216E-11 0.88550E-09 0.13890E-10
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0.99216E-11 0.99216E-11 0.99216E-11 0.13890E-10 0.13890E-10 0.13890E-10
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0.00000      0.00000      0.99216E-11 0.99216E-11 0.35767E-09 0.13890E-10
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0.13890E-10 0.13890E-10 0.00000
0.00000      0.00000      0.99216E-11 0.11765E-10 0.22018E-09 0.13890E-10
0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
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0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11 0.99216E-11
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0.00000       0.00000       0.13890E-10 0.13890E-10 0.13890E-10 0.13890E-10
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0.13890E-10 0.00000       0.00000
0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
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0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
0.00000       0.00000       0.00000       0.00000       0.00000       0.00000
0.00000       0.00000       0.00000
   70.1736E-02        (F6.4,7F10.3)         0        TRANS 10
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
0.0000    22.03     18.00     14.00     14.00     14.00     14.00     14.00
14.00     14.00     14.00     14.00     14.00     14.00     14.00     14.00
14.00     14.00     14.00     14.00     14.00     14.00     14.00     14.00
14.00     14.00     14.00     14.00     14.00     14.00     14.00     18.00
18.00     18.00     18.00     18.00     18.00     18.00     18.00     18.00
18.00     18.00     14.00     14.00     14.00     14.00     14.00     14.00
14.00     14.00     14.00     10.01     14.00     14.00     14.00     14.00
14.00     14.00     14.00     0.0000    0.0000
0.0000    0.0000    82.00     55.33     55.33     10.00     14.00     14.00
18.01     18.00     18.00     14.00     14.00     14.00     14.00     14.00
14.00     14.00     14.00     14.00     14.00     14.00     14.00     14.00
14.00     14.00     14.00     14.00     14.00     14.00     14.00     14.00
14.00     14.00     14.00     14.00     14.00     14.00     14.00     14.00
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14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.45	14.17	14.17	14.17
14.06	14.00	14.00	14.00	0.0000			
0.0000	55.33	34.00	24.22	18.02	18.05	18.02	18.04
18.04	18.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	14.00	0.0000	0.0000	0.0000			
0.0000	66.00	18.00	18.00	14.00	14.00	14.02	14.02
14.04	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	0.0000	0.0000	0.0000			
0.0000	66.00	31.33	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	0.0000	0.0000	0.0000			
0.0000	66.00	27.33	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	0.0000	0.0000	0.0000			
0.0000	64.42	11.33	10.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	0.0000	0.0000	0.0000			
0.0000	355.9	10.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	10.00	10.00
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00

14.00	14.00	14.00	14.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	0.0000	0.0000	0.0000			
0.0000	404.1	10.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
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14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	18.00	18.00	18.00
18.00	18.00	18.00	0.0000	0.0000			
0.0000	17.06	14.00	18.00	14.00	14.00	10.00	10.00
14.00	14.00	14.00	14.00	14.00	14.00	10.00	10.00
10.00	10.00	10.00	10.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	18.00	18.00	18.00
18.00	18.00	0.0000	0.0000	0.0000			
0.0000	20.23	22.00	18.00	14.00	10.00	10.00	14.00
14.00	14.00	14.00	14.00	10.00	10.00	10.00	10.00
10.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
18.00	18.00	18.00	14.00	14.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	18.00	18.00	18.00	18.00
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	24.23	22.00	14.00	14.00	10.00	10.00	14.00
14.00	14.00	14.00	10.00	10.00	10.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	18.00	18.00	18.00	18.00	14.00	14.00	14.00
14.00	14.00	14.00	18.00	18.00	18.00	18.00	18.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	18.00	18.00	18.00	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	28.23	22.00	14.00	10.00	10.00	10.00	14.00
14.00	14.00	10.00	10.00	10.00	14.00	14.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	18.00	18.00
18.00	18.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	14.00	18.00	18.00	18.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	18.00	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	28.23	18.00	14.00	10.00	10.00	10.00	14.00
14.00	10.00	10.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	18.00	18.00	18.00	22.00	22.00	22.00

22.00	22.00	22.00	22.00	22.00	26.00	26.00	26.00
26.00	26.00	26.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	18.00
0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	38.16	18.00	14.00	10.00	10.00	14.00	14.00
14.00	10.00	10.00	14.00	14.00	14.00	14.00	14.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	14.00	18.00	18.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	26.00	26.00	26.00	26.00	26.00
26.00	26.00	26.00	26.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	0.0000	0.0000	0.0000	0.0000			
0.0000	38.16	18.00	14.00	10.00	10.00	14.00	14.00
14.00	10.00	14.00	14.00	14.00	14.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	18.00	18.00	18.00	22.00	22.00	22.00	22.00
22.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
26.00	26.00	26.00	26.00	26.00	22.00	22.00	22.00
22.00	22.00	22.00	26.00	26.00	26.00	26.00	26.00
22.00	0.0000	0.0000	0.0000	0.0000			
0.0000	38.16	18.00	14.00	6.000	10.00	14.00	14.00
10.00	10.00	14.00	14.00	14.00	14.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	14.00
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
14.00	18.00	18.00	18.00	22.00	22.00	22.00	22.00
26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
26.00	26.00	26.00	26.00	26.00	26.00	22.00	22.00
22.00	22.00	26.00	26.00	26.00	26.00	26.00	26.00
26.00	0.0000	0.0000	0.0000	0.0000			
0.0000	38.16	18.00	14.00	6.000	10.00	14.00	14.00
10.00	14.00	14.00	14.00	14.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	14.00	14.00	14.00	14.00	14.00
14.00	18.00	18.00	22.00	22.00	22.00	22.00	26.00
26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
26.00	26.00	26.00	26.00	26.00	26.00	22.00	22.00
22.00	22.00	26.00	26.00	26.00	26.00	26.00	26.00
26.00	0.0000	0.0000	0.0000	0.0000			
0.0000	38.16	14.00	10.00	6.000	10.00	14.00	10.00
10.00	14.00	14.00	14.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
22.00	22.00	22.00	18.00	14.00	14.00	14.00	14.00
18.00	18.00	18.00	22.00	22.00	22.00	26.00	26.00
26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
26.00	26.00	26.00	26.00	26.00	26.00	26.00	22.00
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26.00	0.0000	0.0000	0.0000	0.0000			
0.0000	40.32	14.00	10.18	6.000	10.00	14.00	10.00
14.00	14.00	14.00	14.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
22.00	22.00	22.00	22.00	18.00	14.00	14.00	14.00
18.00	18.00	22.00	22.00	22.00	26.00	26.00	26.00

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0.0000    29.89     14.00     10.18     6.000     10.00     10.00     10.00
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0.0000    22.00     14.00     10.17     6.000     14.00     10.00     14.00
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0.0000    22.00     14.00     10.17     6.000     14.00     10.00     14.00
14.00     14.00     18.00     18.00     18.00     18.00     22.00     22.00
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0.0000	18.00	14.00	10.17	6.000	14.00	10.00	14.00
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22.00	26.00	22.00	18.00	18.00	22.00	22.00	22.00
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30.00	26.00	0.0000	0.0000	0.0000			
0.0000	18.00	14.00	10.17	6.000	10.00	10.00	14.00
14.00	14.00	18.00	18.00	18.00	22.00	22.00	22.00
26.00	26.00	22.00	18.00	18.00	22.00	22.00	22.00
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0.0000	18.00	14.00	10.17	6.000	10.00	10.00	14.00
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26.00	22.00	22.00	18.00	18.00	22.00	22.00	26.00
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0.0000	18.00	14.00	10.17	6.000	10.00	10.00	14.00
14.00	18.00	18.00	18.00	22.00	22.00	26.00	26.00
26.00	22.00	22.00	18.00	18.00	22.00	22.00	26.00
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26.00	26.00	0.0000	0.0000	0.0000			
0.0000	18.00	14.00	10.17	6.000	10.00	10.00	14.00
14.00	18.00	18.00	18.00	22.00	22.00	26.00	26.00
22.00	22.00	18.00	18.00	18.00	22.00	26.00	26.00
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26.00	26.00	0.0000	0.0000	0.0000			
0.0000	18.00	14.00	10.17	6.000	10.00	14.00	14.00
14.00	18.00	18.00	22.00	22.00	26.00	26.00	22.00
22.00	22.00	18.00	18.00	18.00	22.00	26.00	26.00
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0.0000	18.00	14.00	10.17	6.000	10.00	14.00	14.00
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22.00	18.00	18.00	18.00	22.00	22.00	26.00	26.00
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0.0000	14.00	14.00	14.17	6.000	10.00	14.00	14.00
18.00	18.00	22.00	22.00	22.00	26.00	26.00	22.00
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26.00	0.0000	0.0000	0.0000	0.0000			
0.0000	14.00	14.00	14.17	10.00	10.00	14.00	14.00
18.00	18.00	22.00	22.00	22.00	26.00	26.00	26.00
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18.00	18.00	22.00	22.00	26.00	26.00	26.00	26.00
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0.0000	0.0000	0.0000	0.0000	0.0000			
0.0000	10.00	10.00	10.00	14.00	18.00	18.00	18.00
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22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	0.0000	0.0000			
0.0000	10.00	10.00	14.00	14.00	18.00	18.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	26.00	26.00	26.00
26.00	22.00	26.00	26.00	26.00	26.00	26.00	26.00
26.00	26.00	26.00	26.00	26.00	30.00	30.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	0.0000			
0.0000	10.00	10.00	14.00	14.00	18.00	18.00	18.00
22.00	22.00	22.00	22.00	22.00	18.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00

22.00	22.00	22.00	22.00	22.00	18.00	26.00	26.00
26.00	26.00	26.00	30.00	30.00	30.00	26.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	0.0000			
0.0000	6.000	10.00	14.00	14.00	18.00	18.00	18.00
18.00	18.00	22.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	26.00	26.00	26.00	26.00	26.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	0.0000			
0.0000	0.0000	10.00	14.00	14.00	14.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	22.00	22.00	22.00	26.00	26.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	0.0000			
0.0000	0.0000	10.00	14.24	14.10	18.00	18.00	18.00
22.00	22.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
22.00	22.00	22.00	22.00	22.00	26.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	0.0000			
0.0000	0.0000	10.00	14.00	14.06	18.00	18.00	22.00
22.00	22.00	22.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	0.0000			
0.0000	0.0000	10.00	14.00	10.10	18.00	22.00	22.00
22.00	22.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	0.0000			
0.0000	0.0000	10.00	14.00	14.17	14.00	22.00	22.00
22.00	22.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00

22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	0.0000			
0.0000	0.0000	10.00	14.00	14.00	14.00	14.00	22.00
22.00	22.00	22.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
18.00	18.00	18.00	18.00	18.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
22.00	22.00	22.00	0.0000	0.0000			
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000			

Listing 4. Input values for the RECHARGE package of the MODULAR program
```
      2           53
      1            1
      90.9249E-08                  (20F4.1)              0         RECHARGE RATE
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
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1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
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434

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0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
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         9         1              (20I4)        0       RECHARGE LAYER
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   10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10
   10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10
   10  10  10  10  10  10  10  10  10
   10  10  10  10  10   4   4   4   4   4   4   4   4   4   4   4   4   4   4   4
    4   4   4   4   4   4   4   4   4   4   4   4   4   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3  10
   10  10  10  10  10   4   4   4   4   4   4   4   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   4   4   4  10
   10  10  10   4   4   4   4   4   4   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   4   4  10  10  10
   10  10   4   4   4   4   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2
    2   2   3   3   4   4  10  10  10
   10  10   4   4   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2   2   2   2
    2   2   3   3   4   4  10  10  10
   10  10   4   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3
    3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   2   2   2
    2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2
    2   2   3   3   4   4  10  10  10
   10  10   4   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2
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 2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2
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 2    3    3    3    3    4   10   10   10
10   10    4    3    3    3    3    3    3    3    3    3    3    2    2    2    2    2    2    2
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 2    3    3    3    3    4   10   10   10
10   10    3    3    3    3    3    3    3    3    3    2    2    2    2    2    2    2    2    2
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 2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    3
 3    3    3    3    3    4    4   10   10
10   10    3    3    3    3    3    3    3    2    2    2    2    2    2    2    2    2    2    2
 2    2    2    2    2    2    2    2    2    2    2    2    2    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    3
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10   10    3    3    3    3    3    3    3    2    2    2    2    2    2    2    2    2    1    2
 2    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    3
 3    4    4    4   10   10   10   10   10
10   10    3    3    3    3    3    2    2    2    2    2    2    2    1    1    1    1    1    2
 2    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    3
 3    4    4   10   10   10   10   10   10
10   10    3    3    3    3    3    2    2    2    2    2    2    1    1    1    1    1    1    1
 2    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    3
 3    4    4   10   10   10   10   10   10
10   10    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
 1    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    3
 3    3    4    4   10   10   10   10   10
10   10    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
 1    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    3
 3    3    4    4    4   10   10   10   10
10   10    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
 1    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    3
 3    3    4    4    4   10   10   10   10
10   10    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
 1    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    3
 3    3    3    3    4   10   10   10   10
10   10    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
 1    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    3
 3    3    3    3    4   10   10   10   10
10   10    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
 1    2    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    3
```

```
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10   10   3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
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3    3    3    3    4   10   10   10   10
10   10   3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
1    1    2    2    2    2    2    2    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    2    3    3
3    3    3    3    4   10   10   10   10
10   10   3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    2    2    2    2    2    2    1    1    1    1    1    1    1    1    1    1
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3    3    3    3    4   10   10   10   10
10   10   3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
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3    3    3    3    4   10   10   10   10
10   4    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
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3    3    3    3    4    4   10   10   10
10   3    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
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3    3    3    3    4    4   10   10   10
10   3    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
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3    3    3    3    3    4   10   10   10
10   3    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
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1    2    2    2    2    2    2    2    1    1    1    1    2    2    2    2    2    2    2    3
3    3    3    3    3    4   10   10   10
10   3    3    3    3    3    3    2    1    1    1    1    1    1    1    1    1    1    1    1
1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    1    1    1    1    1
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10   3    3    3    3    2    2    1    1    1    1    1    1    1    1    1    1    1    1    1
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2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    3    3
3    3    3    3    3    4   10   10   10
10   3    3    3    3    2    2    1    1    1    1    1    1    1    1    1    1    1    1    1
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2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    3    3
3    3    3    3    3    4   10   10   10
10   3    3    3    3    2    2    1    1    1    1    1    1    1    1    1    1    1    1    1
```

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 3    3    3    3    4    4   10   10   10
10    3    3    3    3    2    2    1    1    1    1    1    1    1    1    1    1    1    1    1
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 2    2    2    2    2    2    2    2    2    2    3    2    2    2    2    2    2    2    3    3
 3    3    3    3    4   10   10   10   10
10    3    3    3    - 3    2    2    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    2    2    2    2
 2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    3    3
 3    3    3    3    4   10   10   10   10
10    3    3    3    3    2    2    1    1    1    1    1    1    1    1    1    1    1    1    1
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 2    2    2    2    2    2    2    2    2    2    3    2    2    2    2    2    2    2    3    3
 3    3    3    3    4   10   10   10   10
10    3    3    3    3    2    2    2    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    1    1    1    2    2    2    2    2    2    2    2    2    2
 2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    3    3
 3    3    3    3    4   10   10   10   10
10    3    3    3    3    2    2    2    1    1    1    1    1    1    1    1    1    1    1    1
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 1    1    1    1    1    1    1    1    2    2    3    3    3    3    2    2    2    2    3    3
 3    3    3    3    4   10   10   10   10
10    3    3    3    3    2    2    2    2    1    1    1    1    1    1    1    1    1    1    1
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 1    1    1    1    1    1    1    1    2    2    3    3    3    3    3    3    3    3    3    3
 3    3    3    3    4   10   10   10   10
10    3    3    3    3    2    2    2    2    1    1    1    1    1    1    1    1    1    1    1
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 3    3    3    3    4   10   10   10   10
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 2    2    2    2    2    2    2    1    1    1    1    1    1    1    1    1    1    1    1    1
 1    1    1    1    1    1    1    2    2    2    3    3    3    3    3    3    3    3    3    3
 3    3    3    3    4   10   10   10   10
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 2    3    3    3    2    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1
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 3    3    3    3   10   10   10   10   10
10    3    3    3    3    2    2    3    3    3    3    3    3    3    3    3    3    3    3    3
 3    3    3    2    2    1    1    1    1    1    1    1    1    1    1    1    1    1    1    1
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 3    3    3    3   10   10   10   10   10
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 2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    2    1    1    1
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 3    3    3   10   10   10   10   10   10
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 2    1    1    1    2    2    2    2    2    2    2    2    2    2    2    2    1    1    1
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 3    3   10   10   10   10   10   10   10
10    3    3    3    3    2    2    2    2    2    2    2    2    2    2    2    2    2    1    1
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 1    1    2    2    2    2    3    3    3    3    3    3    3    3    3    3    3    3    3    3
```

```
 3   3   3   3  10  10  10  10  10
10   3   3   3   3   2   2   2   2   2   2   2   2   2   2   2   2   2   1   1
 1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1   1
 1   1   2   2   2   2   3   3   3   3   3   3   3   3   3   3   3   3   3   3
 3   3   3   3   3   3   3  10  10
10   3   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2
 1   1   1   1   1   1   1   1   1   1   1   1   1   1   2   2   2   2   2   2
 2   2   2   2   2   2   2   3   3   3   3   3   3   3   3   3   3   3   3   3
 3   3   3   3   3   3   3   3  10
10   3   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2
 2   2   1   1   1   1   1   1   1   1   1   1   1   1   2   2   2   2   2   2
 2   2   2   2   2   2   2   2   2   3   3   3   3   3   3   3   3   3   3   3
 3   3   3   3   3   3   3   3  10
10   3   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2
 2   2   2   2   2   2   2   2   1   1   1   1   1   1   1   1   1   1   1   1
 1   1   1   1   1   1   1   1   1   1   3   3   3   3   3   3   3   3   3   3
 3   3   3   3   3   3   3   3  10
10   3   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2
 2   2   2   2   2   2   2   2   1   1   1   1   1   1   1   1   1   1   1   1
 1   1   1   1   1   1   3   2   3   3   3   3   3   3   2   2   3   3   3   3
 3   3   3   3   3   3   3   3  10
10   3   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2
 2   2   2   2   2   2   2   2   2   1   1   1   1   1   1   2   2   2   2   2
 2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   3   3   3
 3   3   3   3   3   3   3   3  10
10   3   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2
 2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   3   3   2   2
 2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   3   3   3   3
 3   3   3   3   3   3   3   3  10
10   3   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2
 2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2
 2   2   2   2   3   3   3   3   3   2   2   2   2   2   2   2   3   3   3   3
 3   3   3   3   3   3   3   3  10
10   3   3   3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   2   2
 2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   3
 3   3   3   3   3   3   3   3   3   2   2   2   2   2   2   3   3   3   3   3
 3   3   3   3   3   3   3   3  10
10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10
10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10
10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10
10  10  10  10  10  10  10  10  10
```

Listing 5. Input values for the RIVER package of the MODULAR program

236	53			.				
236								
10	3	3	908.	0.62640	905.	1		
10	3	4	900.	0.56376	890.	1	RIVER NODE	
10	3	5	883.	0.56376	883.	1	RIVER NODE	
4	3	6	879.	1.49904	876.	1	RIVER NODE	
4	3	7	870.	0.30024	865.	1	RIVER NODE	
4	3	8	858.	0.08813	842.	1	RIVER NODE	
4	3	9	855.	0.07690	836.	1	RIVER NODE	
4	3	67	685.	0.05206	680.	1	RIVER NODE	
4	3	68	684.	0.05994	679.	1	RIVER NODE	
4	4	9	852.	0.40032	842.	1	RIVER NODE	
4	4	66	683.	0.00370	678.	1	RIVER NODE	
4	5	66	681.	0.00247	676.	1	RIVER NODE	
4	6	66	679.	0.00268	673.	1	RIVER NODE	
4	7	66	678.	0.00268	672.	1	RIVER NODE	
4	8	66	678.	0.00480	672.	1	RIVER NODE	
4	9	66	677.	0.00480	671.	1	RIVER NODE	
4	10	67	677.	0.00360	671.	1	RIVER NODE	
4	11	66	676.	0.00201	669.	1	RIVER NODE	
4	12	63	675.	0.00150	667.	1	RIVER NODE	
4	12	64	676.	0.00150	668.	1	RIVER NODE	
4	13	63	675.	0.00100	665.	1	RIVER NODE	
4	14	63	675.	0.00100	665.	1	RIVER NODE	
4	15	63	675.	0.00371	655.	1	RIVER NODE	
4	15	64	675.	0.00371	655.	1	RIVER NODE	
4	16	64	675.	0.00278	655.	1	RIVER NODE	
4	16	65	675.	0.00371	645.	1	RIVER NODE	
4	17	65	675.	0.00416	645.	1	RIVER NODE	
4	18	65	675.	0.00155	645.	1	RIVER NODE	
4	19	65	675.	0.00155	645.	1	RIVER NODE	
4	20	65	675.	0.00155	645.	1	RIVER NODE	
4	21	65	675.	0.00155	645.	1	RIVER NODE	
4	22	65	675.	0.00103	645.	1	RIVER NODE	
4	23	65	675.	0.00103	665.	1	RIVER NODE	
4	24	65	675.	0.00103	665.	1	RIVER NODE	
4	25	65	675.	0.00103	665.	1	RIVER NODE	
4	26	65	675.	0.00411	665.	1	RIVER NODE	
4	27	66	675.	0.00411	635.	1	RIVER NODE	
4	28	66	675.	0.00411	635.	1	RIVER NODE	
4	29	66	675.	0.00411	635.	1	RIVER NODE	
4	30	66	675.	0.00411	635.	1	RIVER NODE	
4	31	66	675.	0.00411	635.	1	RIVER NODE	
4	32	66	675.	0.00617	635.	1	RIVER NODE	
4	33	66	675.	0.00617	635.	1	RIVER NODE	
4	34	66	675.	0.00617	635.	1	RIVER NODE	
4	35	65	675.	0.00617	625.	1	RIVER NODE	
4	35	66	675.	0.00371	635.	1	RIVER NODE	
4	36	65	675.	0.00617	625.	1	RIVER NODE	
4	37	65	675.	0.00216	625.	1	RIVER NODE	
4	38	65	675.	0.00618	625.	1	RIVER NODE	
4	39	65	675.	0.00534	625.	1	RIVER NODE	
4	40	65	675.	0.00534	625.	1	RIVER NODE	

443

4	41	65	675.	0.00534	625.	1	RIVER NODE
4	42	65	675.	0.00534	635.	1	RIVER NODE
4	43	65	675.	4.01600	665.	1	RIVER NODE
3	5	9	844.	0.60000	840.	1	RIVER NODE
3	5	10	841.	0.33312	837.	1	RIVER NODE
3	5	11	840.	0.33312	834.	1	RIVER NODE
3	5	12	839.	0.66624	831.	1	RIVER NODE
3	6	7	860.	0.33312	856.	1	RIVER NODE
3	6	8	847.	0.17760	843.	1	RIVER NODE
3	6	13	837.	0.16656	826.	1	RIVER NODE
3	6	14	836.	0.16656	825.	1	RIVER NODE
3	7	7	870.	0.33312	864.	1	RIVER NODE
3	7	15	830.	0.49920	822.	1	RIVER NODE
3	7	16	830.	0.11104	818.	1	RIVER NODE
3	40	50	687.	18.48000	671.	1	RIVER NODE
3	41	50	687.	6.40800	671.	1	RIVER NODE
3	42	50	687.	5.34000	671.	1	RIVER NODE
3	42	51	687.	0.02280	671.	1	RIVER NODE
3	43	51	687.	0.03036	671.	1	RIVER NODE
3	44	9	687.	0.08352	672.	1	RIVER NODE
3	44	10	687.	0.23808	672.	1	RIVER NODE
3	44	11	687.	0.33312	672.	1	RIVER NODE
3	44	12	687.	0.18528	672.	1	RIVER NODE
3	44	13	687.	0.13896	672.	1	RIVER NODE
3	44	14	687.	0.07344	672.	1	RIVER NODE
3	44	22	687.	0.02502	672.	1	RIVER NODE
3	44	23	687.	0.01920	672.	1	RIVER NODE
3	44	24	687.	0.02268	672.	1	RIVER NODE
3	44	51	687.	0.25020	671.	1	RIVER NODE
3	44	64	675.	0.06246	665.	1	RIVER NODE
3	45	8	688.	0.12528	673.	1	RIVER NODE
3	45	9	687.	1.46400	672.	1	RIVER NODE
3	45	14	687.	0.04176	672.	1	RIVER NODE
3	45	15	687.	0.13896	672.	1	RIVER NODE
3	45	16	687.	0.09264	672.	1	RIVER NODE
3	45	17	687.	0.06408	672.	1	RIVER NODE
3	45	18	687.	0.06408	672.	1	RIVER NODE
3	45	19	687.	0.06408	672.	1	RIVER NODE
3	45	20	687.	0.05688	672.	1	RIVER NODE
3	45	21	687.	0.17352	672.	1	RIVER NODE
3	45	22	687.	0.00212	672.	1	RIVER NODE
3	45	50	687.	0.01390	671.	1	RIVER NODE
3	45	51	687.	0.09360	673.	1	RIVER NODE
3	45	52	687.	0.01234	683.	1	RIVER NODE
3	45	63	687.	0.03312	635.	1	RIVER NODE
3	45	64	675.	0.06660	635.	1	RIVER NODE
3	46	8	689.	0.23184	674.	1	RIVER NODE
3	46	50	687.	0.02232	672.	1	RIVER NODE
3	46	51	687.	0.01390	672.	1	RIVER NODE
3	46	52	687.	0.01157	677.	1	RIVER NODE
3	46	54	687.	0.01262	667.	1	RIVER NODE
3	46	55	687.	0.02380	671.	1	RIVER NODE
3	46	56	687.	0.10728	671.	1	RIVER NODE
3	46	57	687.	0.11124	671.	1	RIVER NODE

3	46	62	675.	0.03330	635.	1	RIVER NODE
3	46	63	675.	0.02502	635.	1	RIVER NODE
3	47	7	691.	0.55584	676.	1	RIVER NODE
3	47	8	690.	0.09792	675.	1	RIVER NODE
3	47	52	687.	0.01390	671.	1	RIVER NODE
3	47	53	687.	0.01894	671.	1	RIVER NODE
3	47	54	687.	0.02136	671.	1	RIVER NODE
3	47	55	687.	0.07128	671.	1	RIVER NODE
3	47	58	687.	0.17856	671.	1	RIVER NODE
3	47	62	675.	0.01667	645.	1	RIVER NODE
3	48	7	692.	1.26720	677.	1	RIVER NODE
3	48	59	675.	0.22224	659.	1	RIVER NODE
3	48	60	675.	0.11840	659.	1	RIVER NODE
3	48	61	675.	0.08640	659.	1	RIVER NODE
3	48	62	675.	0.25920	659.	1	RIVER NODE
3	48	63	675.	0.18192	659.	1	RIVER NODE
3	48	64	675.	0.12120	659.	1	RIVER NODE
3	49	7	693.	1.80480	678.	1	RIVER NODE
3	49	63	675.	1.64160	671.	1	RIVER NODE
3	49	64	675.	1.00080	671.	1	RIVER NODE
3	49	65	675.	0.47680	671.	1	RIVER NODE
3	49	66	675.	0.37120	659.	1	RIVER NODE
3	49	67	675.	0.24256	659.	1	RIVER NODE
3	50	6	691.	2.38080	680.	1	RIVER NODE
3	50	7	691.	4.44480	680.	1	RIVER NODE
3	50	66	675.	0.73920	671.	1	RIVER NODE
3	50	67	675.	0.49280	671.	1	RIVER NODE
3	50	68	675.	0.30288	659.	1	RIVER NODE
3	51	5	696.	1.19088	679.	1	RIVER NODE
3	51	6	695.	11.13600	679.	1	RIVER NODE
3	51	67	675.	0.34240	671.	1	RIVER NODE
3	51	68	675.	0.51360	671.	1	RIVER NODE
3	52	5	697.	5.67360	678.	1	RIVER NODE
3	52	68	675.	0.88800	671.	1	RIVER NODE
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3	53	5	699.	1.67040	678.	1	RIVER NODE
3	54	3	705.	3.09600	690.	1	RIVER NODE
3	55	3	707.	3.16800	692.	1	RIVER NODE
3	56	3	711.	3.33600	696.	1	RIVER NODE
3	57	3	713.	2.38080	698.	1	RIVER NODE
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2	8	17	830.	3.32800	814.	1	RIVER NODE
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2	10	21	809.	0.25020	797.	1	RIVER NODE
2	11	22	807.	0.02502	797.	1	RIVER NODE
2	12	22	805.	0.25020	798.	1	RIVER NODE
2	13	22	803.	0.24960	795.	1	RIVER NODE
2	14	22	801.	0.16680	796.	1	RIVER NODE
2	15	22	800.	0.16680	795.	1	RIVER NODE
2	16	22	800.	0.12510	786.	1	RIVER NODE
2	17	22	800.	0.12510	786.	1	RIVER NODE

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2	19	22	800.	0.12510	786.	1	RIVER NODE
2	20	22	800.	0.12510	786.	1	RIVER NODE
2	21	22	800.	0.12510	786.	1	RIVER NODE
2	21	23	800.	0.18660	786.	1	RIVER NODE
2	22	23	800.	0.05520	786.	1	RIVER NODE
2	22	24	800.	0.16520	786.	1	RIVER NODE
2	23	25	750.	0.07400	734.	1	RIVER NODE
2	23	26	750.	0.11040	734.	1	RIVER NODE
2	24	27	725.	0.13760	709.	1	RIVER NODE
2	25	27	725.	0.13760	709.	1	RIVER NODE
2	25	28	725.	0.13760	709.	1	RIVER NODE
2	26	29	725.	0.09240	709.	1	RIVER NODE
2	27	30	725.	0.13760	709.	1	RIVER NODE
2	28	31	725.	0.13760	709.	1	RIVER NODE
2	29	32	725.	0.13760	709.	1	RIVER NODE
2	29	44	687.	0.02316	671.	1	RIVER NODE
2	29	45	687.	0.03704	671.	1	RIVER NODE
2	29	46	687.	0.01854	671.	1	RIVER NODE
2	30	32	725.	0.19280	709.	1	RIVER NODE
2	30	42	687.	0.03472	671.	1	RIVER NODE
2	30	43	687.	0.02776	671.	1	RIVER NODE
2	30	46	687.	0.01158	671.	1	RIVER NODE
2	31	32	725.	0.19280	709.	1	RIVER NODE
2	31	41	687.	0.03008	671.	1	RIVER NODE
2	31	47	687.	0.03474	671.	1	RIVER NODE
2	32	32	725.	0.24780	709.	1	RIVER NODE
2	32	40	687.	0.05211	671.	1	RIVER NODE
2	32	47	687.	0.01737	671.	1	RIVER NODE
2	33	32	725.	0.20640	709.	1	RIVER NODE
2	33	39	687.	0.07812	671.	1	RIVER NODE
2	33	40	687.	0.07812	671.	1	RIVER NODE
2	33	47	687.	0.05211	671.	1	RIVER NODE
2	33	49	687.	0.10440	671.	1	RIVER NODE
2	34	32	687.	0.16560	671.	1	RIVER NODE
2	34	38	687.	0.05211	671.	1	RIVER NODE
2	34	39	687.	0.15570	671.	1	RIVER NODE
2	34	47	687.	0.01566	671.	1	RIVER NODE
2	34	48	687.	0.04167	671.	1	RIVER NODE
2	34	49	687.	0.02079	671.	1	RIVER NODE
2	35	32	687.	0.11100	671.	1	RIVER NODE
2	35	33	687.	0.11100	671.	1	RIVER NODE
2	35	37	687.	0.10440	671.	1	RIVER NODE
2	35	38	687.	0.06768	671.	1	RIVER NODE
2	35	48	687.	0.07812	671.	1	RIVER NODE
2	35	49	687.	0.02079	671.	1	RIVER NODE
2	35	50	687.	0.02079	671.	1	RIVER NODE
2	36	33	687.	0.09720	671.	1	RIVER NODE
2	36	34	687.	0.16650	671.	1	RIVER NODE
2	36	36	687.	0.25020	671.	1	RIVER NODE
2	36	37	687.	0.06246	671.	1	RIVER NODE
2	36	49	687.	0.02601	671.	1	RIVER NODE
2	36	50	687.	0.02079	671.	1	RIVER NODE
2	37	34	687.	0.33300	671.	1	RIVER NODE

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2	37	35	687.	0.33300	671.	1	RIVER NODE
2	37	50	687.	0.03123	671.	1	RIVER NODE
2	38	34	687.	0.55560	671.	1	RIVER NODE
2	38	50	687.	0.06948	671.	1	RIVER NODE
2	39	33	687.	0.07408	671.	1	RIVER NODE
2	39	34	687.	0.02772	671.	1	RIVER NODE
2	39	50	687.	0.04164	671.	1	RIVER NODE
2	39	51	687.	0.04164	671.	1	RIVER NODE
2	40	31	687.	0.27760	671.	1	RIVER NODE
2	40	32	687.	0.07408	671.	1	RIVER NODE
2	40	33	687.	0.07408	671.	1	RIVER NODE
2	41	29	687.	0.12320	671.	1	RIVER NODE
2	41	30	687.	0.12320	671.	1	RIVER NODE
2	41	31	687.	0.09280	671.	1	RIVER NODE
2	42	27	687.	0.12320	671.	1	RIVER NODE
2	42	28	687.	0.12320	671.	1	RIVER NODE
2	42	29	687.	0.09280	671.	1	RIVER NODE
2	43	25	687.	0.03704	671.	1	RIVER NODE
2	43	26	687.	0.12320	671.	1	RIVER NODE
2	43	27	687.	0.12320	671.	1	RIVER NODE
2	43	28	687.	0.06176	671.	1	RIVER NODE
2	44	25	687.	0.44400	671.	1	RIVER NODE
2	44	26	687.	0.03468	671.	1	RIVER NODE

Listing 6. Input values for the WELL package of the MODULAR program

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  10         46          3 -0.087630
  10         47          3 -1.356928
  10         46          4 -0.056312
  10         35          5 -0.061659
  10         37          5 -0.030087
  10         29          6 -0.459453
  10         44          7 -0.495268
  10         51          7 -0.252536
  10         45          8 -0.062381
  10         45          9 -1.123531
  10          3         10 -0.025928
  10         44         10 -0.033524
  10         45         10 -0.199703
  10          4         11 -0.008063
  10          4         12 -0.011712
  10          6         13 -0.044388
  10         11         13 -0.068958
  10          6         14 -0.511734
  10          8         14 -0.003692
  10         33         14 -0.870189
  10         12         15 -0.372417
  10          2         16 -0.072141
  10         11         16 -0.536771
  10         25         16 -0.918990
  10         28         16 -1.108933
  10         33         16 -0.761086
  10         36         16 -0.165203
  10         46         16 -0.010227
  10          7         17 -0.669934
  10         11         17 -0.427032
  10         39         17 -1.086993
  10         42         17 -0.186718
  10          7         18 -0.374666
  10          8         18 -0.084490
  10          8         19 -0.631360
  10         11         19 -0.401188
  10          7         21 -0.037216
  10         20         21 -0.117505
  10         22         21 -0.265521
  10          7         22 -0.938638
  10          8         22 -0.195332
  10         24         22 -0.002843
  10         16         23 -0.013877
  10         20         23 -1.487927
  10         22         23 -0.047104
  10         23         23 -0.013877
  10         24         23 -0.316062
  10         37         23 -0.162359
  10         45         23 -0.021515
  10          7         24 -0.295141
```

Listing 6. Input values for the WELL package of the MODULAR program

```
793          53
793
  10         48          2 -0.040611
  10         46          3 -0.087630
  10         47          3 -1.356928
  10         46          4 -0.056312
  10         35          5 -0.061659
  10         37          5 -0.030087
  10         29          6 -0.459453
  10         44          7 -0.495268
  10         51          7 -0.252536
  10         45          8 -0.062381
  10         45          9 -1.123531
  10          3         10 -0.025928
  10         44         10 -0.033524
  10         45         10 -0.199703
  10          4         11 -0.008063
  10          4         12 -0.011712
  10          6         13 -0.044388
  10         11         13 -0.068958
  10          6         14 -0.511734
  10          8         14 -0.003692
  10         33         14 -0.870189
  10         12         15 -0.372417
  10          2         16 -0.072141
  10         11         16 -0.536771
  10         25         16 -0.918990
  10         28         16 -1.108933
  10         33         16 -0.761086
  10         36         16 -0.165203
  10         46         16 -0.010227
  10          7         17 -0.669934
  10         11         17 -0.427032
  10         39         17 -1.086993
  10         42         17 -0.186718
  10          7         18 -0.374666
  10          8         18 -0.084490
  10          8         19 -0.631360
  10         11         19 -0.401188
  10          7         21 -0.037216
  10         20         21 -0.117505
  10         22         21 -0.265521
  10          7         22 -0.938638
  10          8         22 -0.195332
  10         24         22 -0.002843
  10         16         23 -0.013877
  10         20         23 -1.487927
  10         22         23 -0.047104
  10         23         23 -0.013877
  10         24         23 -0.316062
  10         37         23 -0.162359
  10         45         23 -0.021515
  10          7         24 -0.295141
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4	4	64	-0.012349

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Listing 7. Input values for the DRAIN package of the MODULAR program

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  3         34          65        800.0.5904E-01             9      SEEPAGE NODE
  3         35          64        800.0.3960E-01             9      SEEPAGE NODE
  3         36          64        820.0.3042E-01             9      SEEPAGE NODE
  3         37          64        840.0.3042E-01             9      SEEPAGE NODE
  3         38          64        840.0.3036E-01             9      SEEPAGE NODE
  3         39          64        840.0.3036E-01             9      SEEPAGE NODE
  3         40          64        840.0.3036E-01             9      SEEPAGE NODE
  3         41          64        840.0.3036E-01             9      SEEPAGE NODE
  3         42          64        840.0.3036E-01             9      SEEPAGE NODE
  3         43          64        840.0.3036E-01             9      SEEPAGE NODE
  2         43          10        740.0.0000                 9      SEEPAGE NODE
  2         43          11        740.0.0000                 9      SEEPAGE NODE
  2         43          12        740.0.0000                 9      SEEPAGE NODE
  2         43          13        740.0.0000                 9      SEEPAGE NODE
  2         43          14        740.0.0000                 9      SEEPAGE NODE
```

2	44	8	800.0.0000	9	SEEPAGE NODE
2	44	9	740.0.0000	9	SEEPAGE NODE
2	44	15	740.0.0000	9	SEEPAGE NODE
2	44	16	740.0.0000	9	SEEPAGE NODE
2	44	17	740.0.0000	9	SEEPAGE NODE
2	44	18	740.0.0000	9	SEEPAGE NODE
2	44	19	740.0.0000	9	SEEPAGE NODE
2	44	20	740.0.0000	9	SEEPAGE NODE
2	44	21	740.0.0000	9	SEEPAGE NODE
2	44	50	740.0.7632E-01	9	SEEPAGE NODE
2	45	7	800.0.0000	9	SEEPAGE NODE
2	46	8	740.0.0000	9	SEEPAGE NODE
2	46	14	740.0.0000	9	SEEPAGE NODE
2	46	15	740.0.0000	9	SEEPAGE NODE
2	46	16	800.0.0000	9	SEEPAGE NODE
2	46	17	800.0.0000	9	SEEPAGE NODE
2	46	18	800.0.0000	9	SEEPAGE NODE
2	46	19	800.0.0000	9	SEEPAGE NODE
2	46	20	740.0.0000	9	SEEPAGE NODE
2	46	21	740.0.0000	9	SEEPAGE NODE
2	46	22	740.0.0000	9	SEEPAGE NODE
2	46	49	740.0.7434E-01	9	SEEPAGE NODE
2	47	7	740. 1.620	9	SEEPAGE NODE
2	47	50	740.0.8100E-01	9	SEEPAGE NODE
2	48	7	740. 2.774	9	SEEPAGE NODE
2	49	7	740. 2.774	9	SEEPAGE NODE
1	12	23	800.0.3012E-03	9	SEEPAGE NODE
1	13	23	800.0.3016E-03	9	SEEPAGE NODE
1	14	23	800.0.3016E-03	9	SEEPAGE NODE
1	15	21	800.0.9036E-03	9	SEEPAGE NODE
1	15	23	800.0.3016E-03	9	SEEPAGE NODE
1	16	21	800.0.9000E-03	9	SEEPAGE NODE
1	16	23	800.0.3012E-03	9	SEEPAGE NODE
1	17	21	800.0.1809E-03	9	SEEPAGE NODE
1	17	23	800.0.6000E-04	9	SEEPAGE NODE
1	18	21	800.0.1809E-03	9	SEEPAGE NODE
1	18	23	800.0.6000E-04	9	SEEPAGE NODE
1	19	21	770.0.1809E-03	9	SEEPAGE NODE
1	19	23	770.0.6000E-04	9	SEEPAGE NODE
1	20	21	770.0.1404E-03	9	SEEPAGE NODE
1	20	23	770.0.6000E-04	9	SEEPAGE NODE
1	21	21	770.0.1404E-03	9	SEEPAGE NODE
1	21	24	770.0.6000E-04	9	SEEPAGE NODE
1	22	22	770.0.9060E-04	9	SEEPAGE NODE
1	28	46	800.0.1206E-02	9	SEEPAGE NODE
1	28	47	800.0.3012E-03	9	SEEPAGE NODE
1	31	39	800.0.0000	9	SEEPAGE NODE
1	39	30	770.0.0000	9	SEEPAGE NODE
1	40	28	770.0.0000	9	SEEPAGE NODE
1	40	29	770.0.0000	9	SEEPAGE NODE
1	41	27	770.0.0000	9	SEEPAGE NODE
1	41	28	770.0.0000	9	SEEPAGE NODE
1	41	32	770.0.1208E-02	9	SEEPAGE NODE
1	41	33	770.0.1208E-02	9	SEEPAGE NODE

1	42	25	770.0.0000	9	SEEPAGE NODE
1	42	26	770.0.0000	9	SEEPAGE NODE
1	42	30	770.0.9040E-03	9	SEEPAGE NODE
1	42	31	770.0.1208E-02	9	SEEPAGE NODE
1	44	27	770.0.1200E-02	9	SEEPAGE NODE

Listing 8. Input values for the GENERAL-HEAD BOUNDARY package of the MODULAR program

```
57          53
57
10          58          11          850.0.5694E-04                    8          GH  BOUNDARY

10          58          12          850.0.3809E-04                    8          GH  BOUNDARY

10          58          13          850.0.2889E-04                    8          GH  BOUNDARY

10          58          14          850.0.2889E-04                    8          GH  BOUNDARY

10          58          15          850.0.2889E-04                    8          GH  BOUNDARY

10          58          16          850.0.1944E-04                    8          GH  BOUNDARY

10          58          17          850.0.1944E-04                    8          GH  BOUNDARY

10          58          18          850.0.1944E-04                    8          GH  BOUNDARY

10          58          19          850.0.1944E-04                    8          GH  BOUNDARY

10          58          20          850.0.1466E-04                    8          GH  BOUNDARY

10          58          21          850.0.1466E-04                    8          GH  BOUNDARY

10          58          22          850.0.1466E-04                    8          GH  BOUNDARY

10          58          23          850.0.9828E-05                    8          GH  BOUNDARY

10          58          24          850.0.9828E-05                    8          GH  BOUNDARY

10          58          25          850.0.9828E-05                    8          GH  BOUNDARY

10          58          26          850.0.9828E-05                    8          GH  BOUNDARY

10          58          27          850.0.9828E-05                    8          GH  BOUNDARY

10          58          28          850.0.9828E-05                    8          GH  BOUNDARY

10          58          29          850.0.9828E-05                    8          GH  BOUNDARY

10          58          30          850.0.1467E-04                    8          GH  BOUNDARY

10          58          31          850.0.1467E-04                    8          GH  BOUNDARY

10          58          32          850.0.1467E-04                    8          GH  BOUNDARY

10          58          33          850.0.1467E-04                    8          GH  BOUNDARY

10          58          34          850.0.2191E-04                    8          GH  BOUNDARY

10          58          35          850.0.2191E-04                    8          GH  BOUNDARY

10          58          36          850.0.2191E-04                    8          GH  BOUNDARY
```

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10	58	37	850.0.2191E-04	8	GH BOUNDARY
10	58	38	850.0.2191E-04	8	GH BOUNDARY
10	58	39	850.0.2191E-04	8	GH BOUNDARY
10	58	40	850.0.2191E-04	8	GH BOUNDARY
10	58	41	850.0.1467E-04	8	GH BOUNDARY
10	58	42	850.0.1467E-04	8	GH BOUNDARY
10	58	43	850.0.1467E-04	8	GH BOUNDARY
10	58	44	850.0.1467E-04	8	GH BOUNDARY
10	58	45	850.0.1467E-04	8	GH BOUNDARY
10	58	46	850.0.5478E-04	8	GH BOUNDARY
10	58	47	850.0.5478E-04	8	GH BOUNDARY
10	58	48	850.0.5478E-04	8	GH BOUNDARY
10	58	49	850.0.5478E-04	8	GH BOUNDARY
10	58	50	850.0.5478E-04	8	GH BOUNDARY
10	58	51	850.0.5478E-04	8	GH BOUNDARY
10	58	52	850.0.7260E-04	8	GH BOUNDARY
10	58	53	850.0.7260E-04	8	GH BOUNDARY
10	58	54	850.0.7260E-04	8	GH BOUNDARY
10	58	55	850.0.1076E-03	8	GH BOUNDARY
10	58	56	850.0.2158E-03	8	GH BOUNDARY
10	58	57	850.0.2158E-03	8	GH BOUNDARY
10	58	58	850.0.2158E-03	8	GH BOUNDARY
10	58	59	850.0.2158E-03	8	GH BOUNDARY
10	58	60	850.0.1452E-03	8	GH BOUNDARY
10	58	61	850.0.1096E-03	8	GH BOUNDARY
10	58	62	850.0.1096E-03	8	GH BOUNDARY
10	58	63	850.0.1096E-03	8	GH BOUNDARY

10	58	64	850.0.1096E-03		8	GH BOUNDARY
10	58	65	850.0.1452E-03		8	GH BOUNDARY
10	58	66	850.0.1452E-03		8	GH BOUNDARY
10	58	67	850.0.1452E-03		8	GH BOUNDARY

Listing 9. Input values for the SIP package of the MODULAR program

```
100         5
1.0       .01        0    0.0005         1
```

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