APPENDIX A

Hydrological and Geological Data

ENGINEERS / CONSULTANTS / CM
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August 24, 2010
Project Number 10-4310

Mr. Steve Geier
UniStar Nuclear Development LLC
750 Pratt Street, 16th Floor
Baltimore, MD 21202

TRANSMITTAL
MONITORING WELL TEST DATA
BELL BEND NUCLEAR POWER PLANT

Dear Mr. Geier:

Paul C. Rizzo Associates, Inc. (RIZZO) has prepared and summarized monitoring well test data as per schedule item BBPP020504112. This transmittal contains information and data related to the first three months (May 2010 through July 2010) of hydrologic monitoring at the Bell Bend Nuclear Power Plant (BBNPP) Site. This submittal supersedes the submittal dated August 6, 2010 (RIZZO Letter L44). All elevations are based on the North American Vertical Datum 1988 (NAVD88). This Transmittal contains both figures (***Attachment A***) and tables (***Attachment B***).

Attachment A contains the following specific information:

- Monitoring Well Locations (***Figure 1***)
- Surface Water Monitoring Locations (***Figure 2***)
- North-South Geologic Cross Section (***Figure 3***)
- East-West Geologic Cross Section (***Figure 4***)
- Potentiometric Surface Map – Overburden Zone (***Figure 5***)
- Potentiometric Surface Map – Shallow Bedrock Zone (***Figure 6***)
- Potentiometric Surface Map – Deep Bedrock Zone (***Figure 7***)

Attachment B contains the following specific information:

- Monitoring Well Construction Details (***Table 1***)
- Summary of Packer Test Result (***Table 2***). This table is based on the results of RIZZO Calculation "Packer Test Calculations," Calculation Number 10-4310.02 F-1
- Summary of Slug Test Results (***Table 3***). This table is based on the results of RIZZO Calculation "Slug Test Analyses," Calculation Number 10-4310.02 F-2
- Summary of Pumping Test Results (***Table 4***). This table is based on the results of RIZZO Calculation "Pumping Test Analyses," Calculation Number 10-4310.02 F-3
- Monthly Groundwater Elevations, May, June, and July 2010 (***Table 5***)
- Monthly Surface Water Elevations, June and July 2010 (***Table 6***)

If you have any questions or need additional information, please do not hesitate to call me at (412) 825-2090, or email me at jp.giunta@rizzoassoc.com.

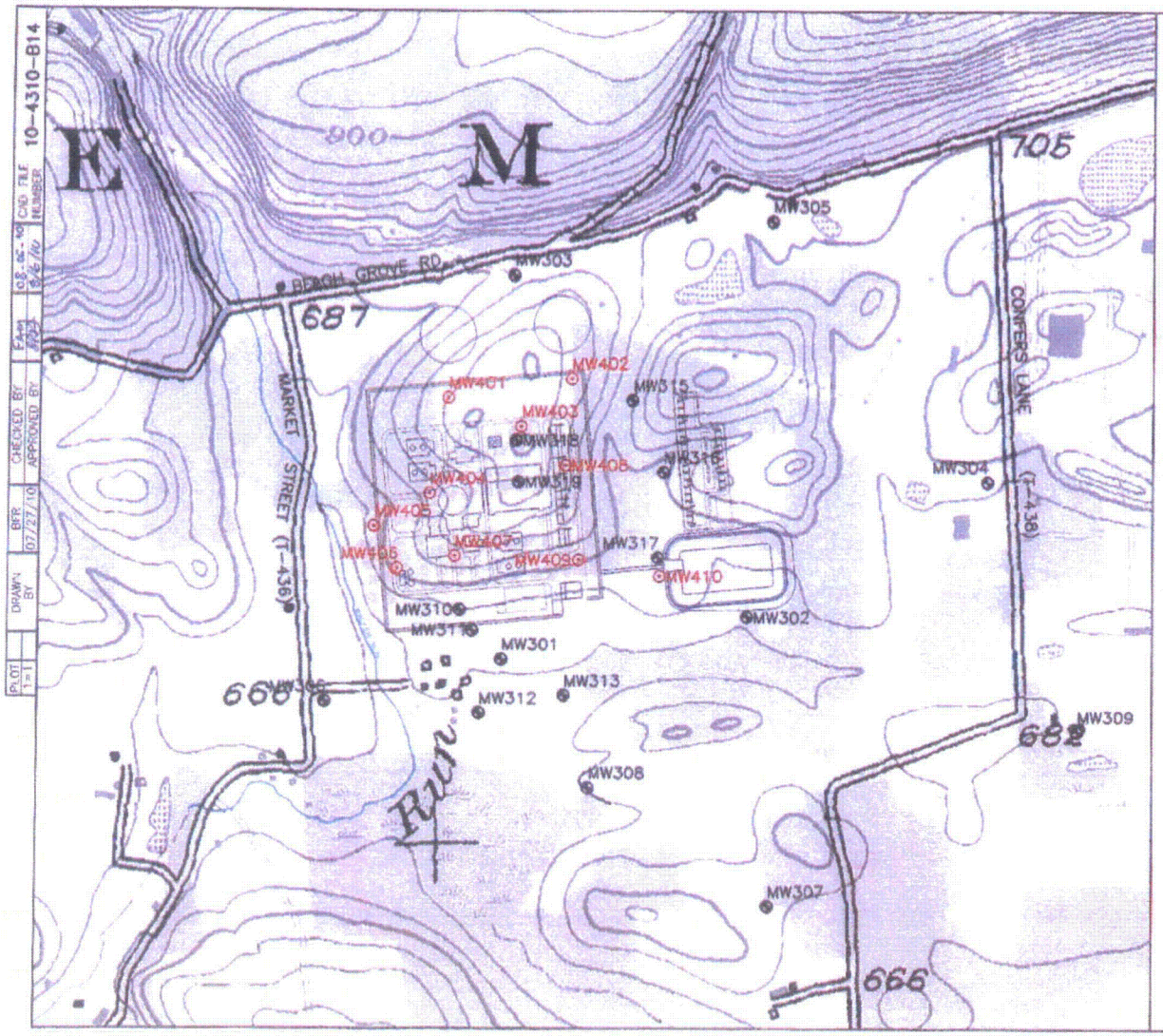
Sincerely,
Paul C. Rizzo Associates, Inc.

John Paul Giunta, P.E.
Project Manager

JPG/sdr

Attachments

ATTACHMENT A



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LEGEND:

- EXISTING MONITORING WELL/WELL CLUSTER
- NEW MONITORING WELLS

REFERENCES:

1. SARGENT AND LUNDY DRAWING TITLED, "REDUCED SCALE SUPP" FOR BELL BEND NUCLEAR POWER PLANT, UNISTAR NUCLEAR, PENNSYLVANIA; DRAWING NO. SK-12198-400-001; PROJECT NO. 12198-415. SCALE: 1"=600'
2. U.S.G.S. 7.5-MINUTE SERIES TOPOGRAPHIC MAP, BERWICK, PA QUADRANGLE. DATED 1955. PHOTOGRAVURE 1989.

SCALE
600 0 600 FEET

FIGURE 1

GROUNDWATER MONITORING WELLS
BELL BEND NUCLEAR POWER PLANT
BERWICK, PENNSYLVANIA

PREPARED FOR

UNISTAR

Paul C. Rizzo Associates, Inc.
ENGINEERS & CONSULTANTS

PLOT	DRAWN BY	BFR 07/27/10	CHECKED BY	APPROVED BY	FAN	08-06-10	CAD FILE NUMBER	10-4310-B14
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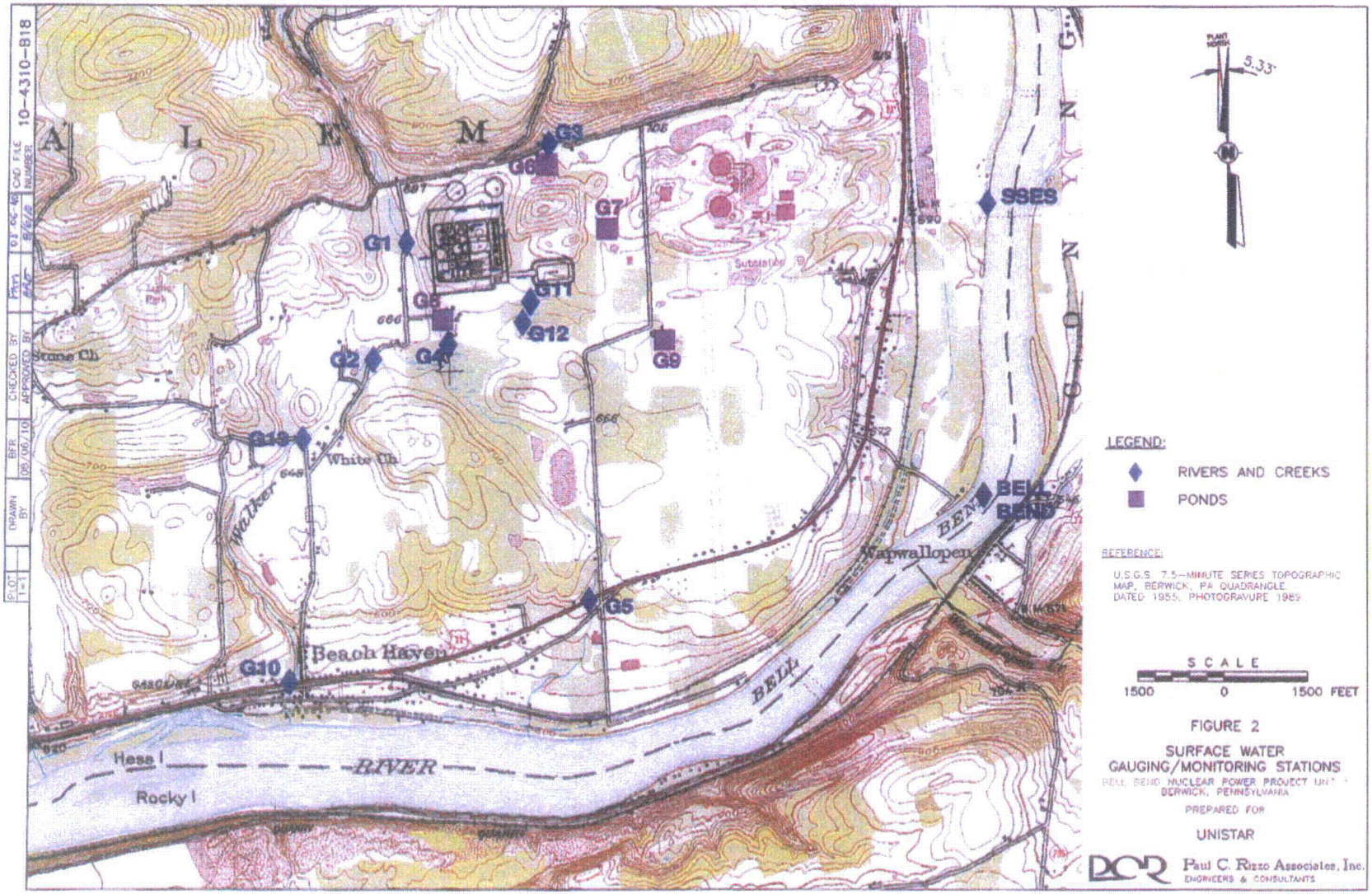


FIGURE 2

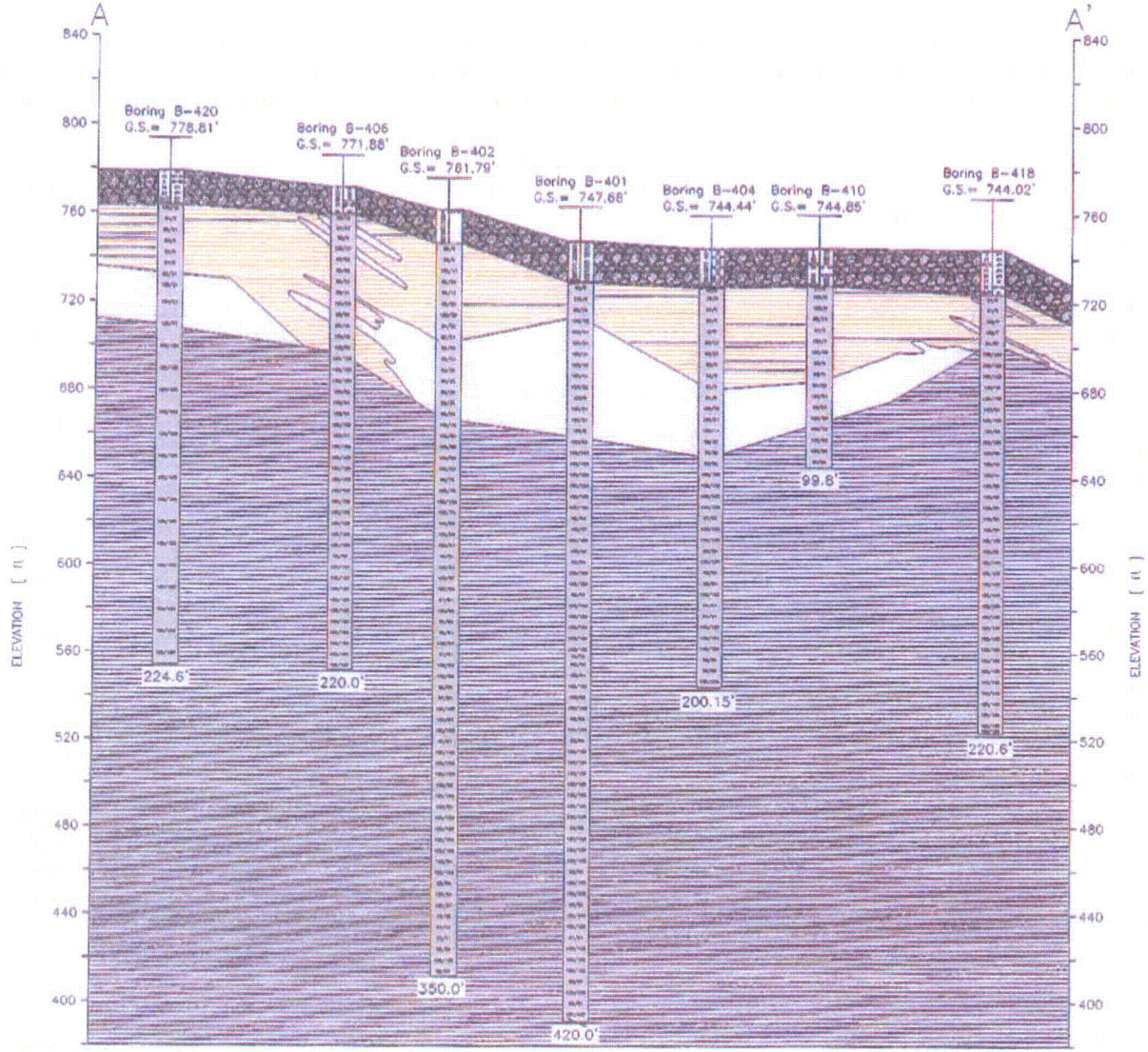
SURFACE WATER GAUGING/MONITORING STATIONS

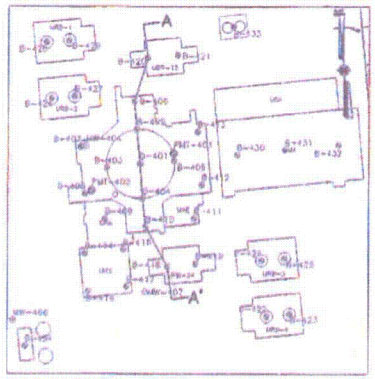
BELL BEND NUCLEAR POWER PROJECT UNIT 1
BERWICK, PENNSYLVANIA

PREPARED FOR

UNISTAR

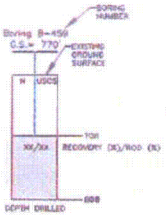
PLOT 1=1	DRAWN BY BFR 08/06/10	CHECKED BY APPROVED BY	CAD FILE NUMBER 10-4310-B18





LOCATION MAP

BORING KEY



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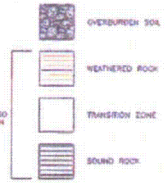


N = STANDARD PENETRATION TEST (SPT) N VALUE
TOR = TOP OF ROCK
BOB = BOTTOM OF BORING
RQD = ROCK QUALITY DESIGNATION
G.S. = GROUND SURFACE ELEVATION

FIGURE 3

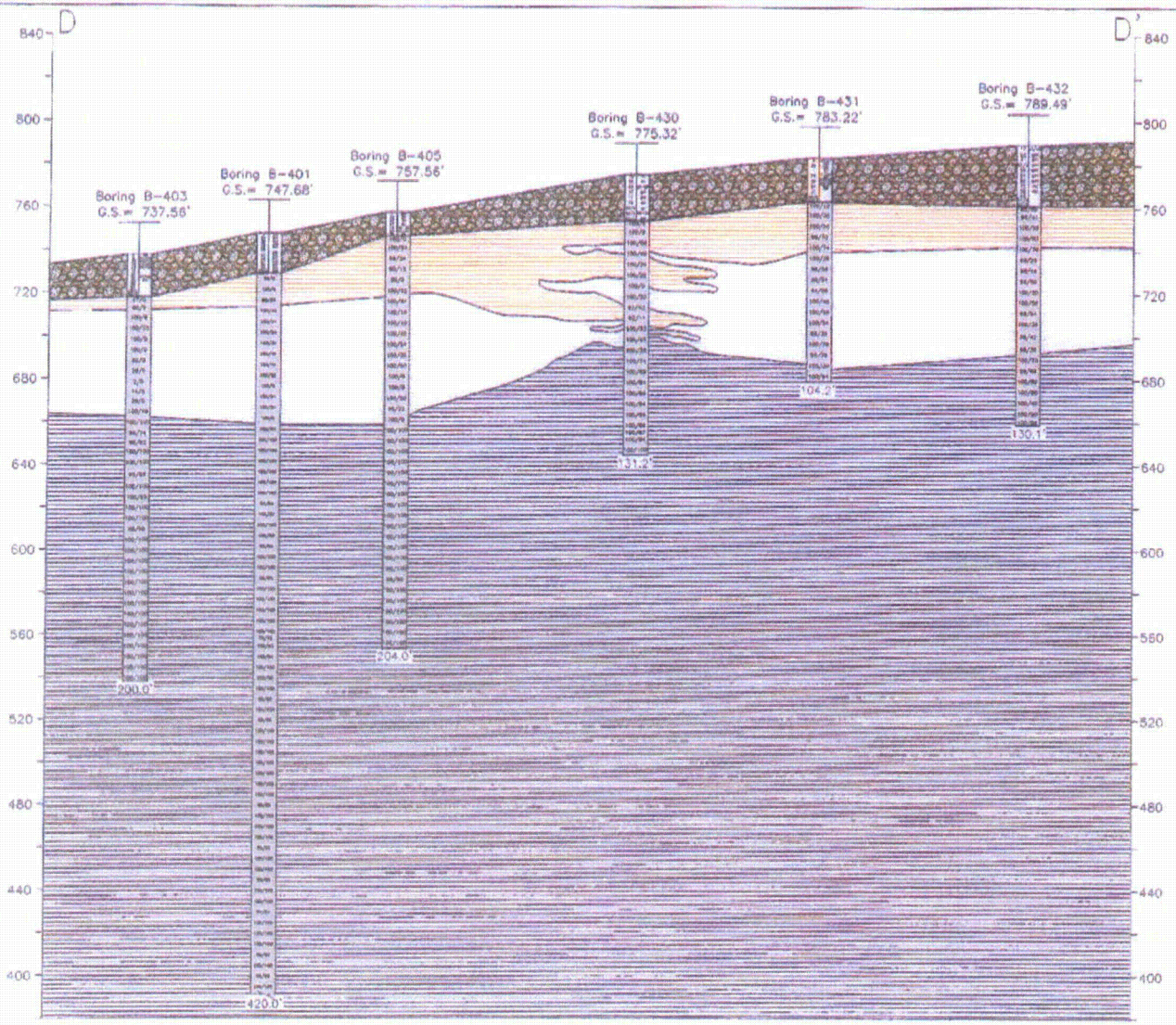
SECTION A-A'

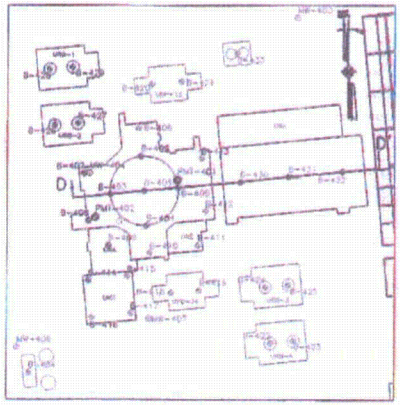
HORIZONTAL SCALE
(2X VERTICAL EXAGGERATION)
60 0 90 FEET

VERTICAL SCALE
(3X VERTICAL EXAGGERATION)
40 0 40 FEET

NOTES:

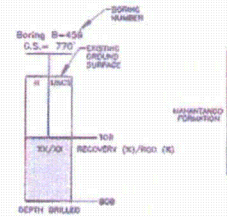
1. THE DEPTH AND THICKNESS OF SUBSURFACE STRATA INDICATED ON THE SUBSURFACE PROFILE WERE OBTAINED BY INTERPOLATING BETWEEN BORINGS. INFORMATION ON ACTUAL SOIL CONDITIONS EXIST ONLY AT BORING LOCATIONS AND SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.





LOCATION MAP

BORING KEY



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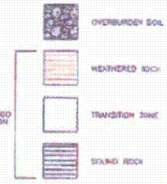


N = STANDARD PENETRATION TEST (BPT) N VALUE
TOR = TOP OF ROCK
BOR = BOTTOM OF BORING
RQD = ROCK QUALITY DESIGNATION
G.S. = GROUND SURFACE ELEVATION

FIGURE 4

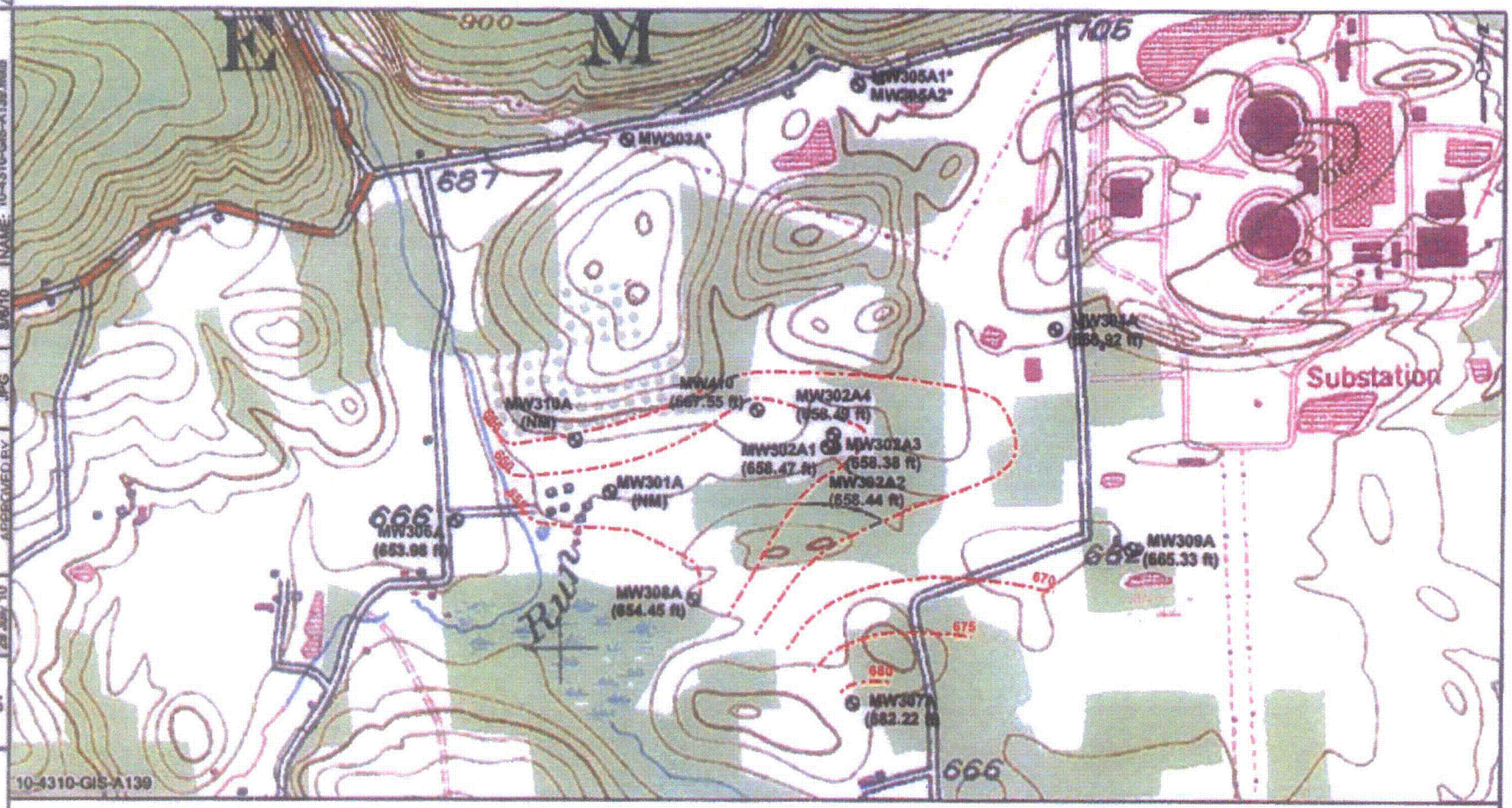
SECTION D-D'

HORIZONTAL SCALE
(1X VERTICAL EXAGGERATION)

VERTICAL SCALE
(2X VERTICAL EXAGGERATION)

NOTES:

1. THE DEPTH AND THICKNESS OF SUBSURFACE STRATA INDICATED ON THE SUBSURFACE PROFILE WERE OBTAINED BY INTERPOLATING BETWEEN BORINGS. INFORMATION ON ACTUAL SOIL CONDITIONS EXIST ONLY AT BORING LOCATIONS AND SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.



Legend

- Monitoring Well
- (668.92 ft) (Groundwater Elevation in feet)
- (NM) (No Measurement Taken)
- * Groundwater Elevation not used in Contouring
- 695 Potentiometric Contours (elevation in feet)

0 500 1,000 2,000 Feet

0 125 250 500 Meters

REFERENCE:
USGS 1:24K Topographic Maps, Berwick (photorevised 1989).

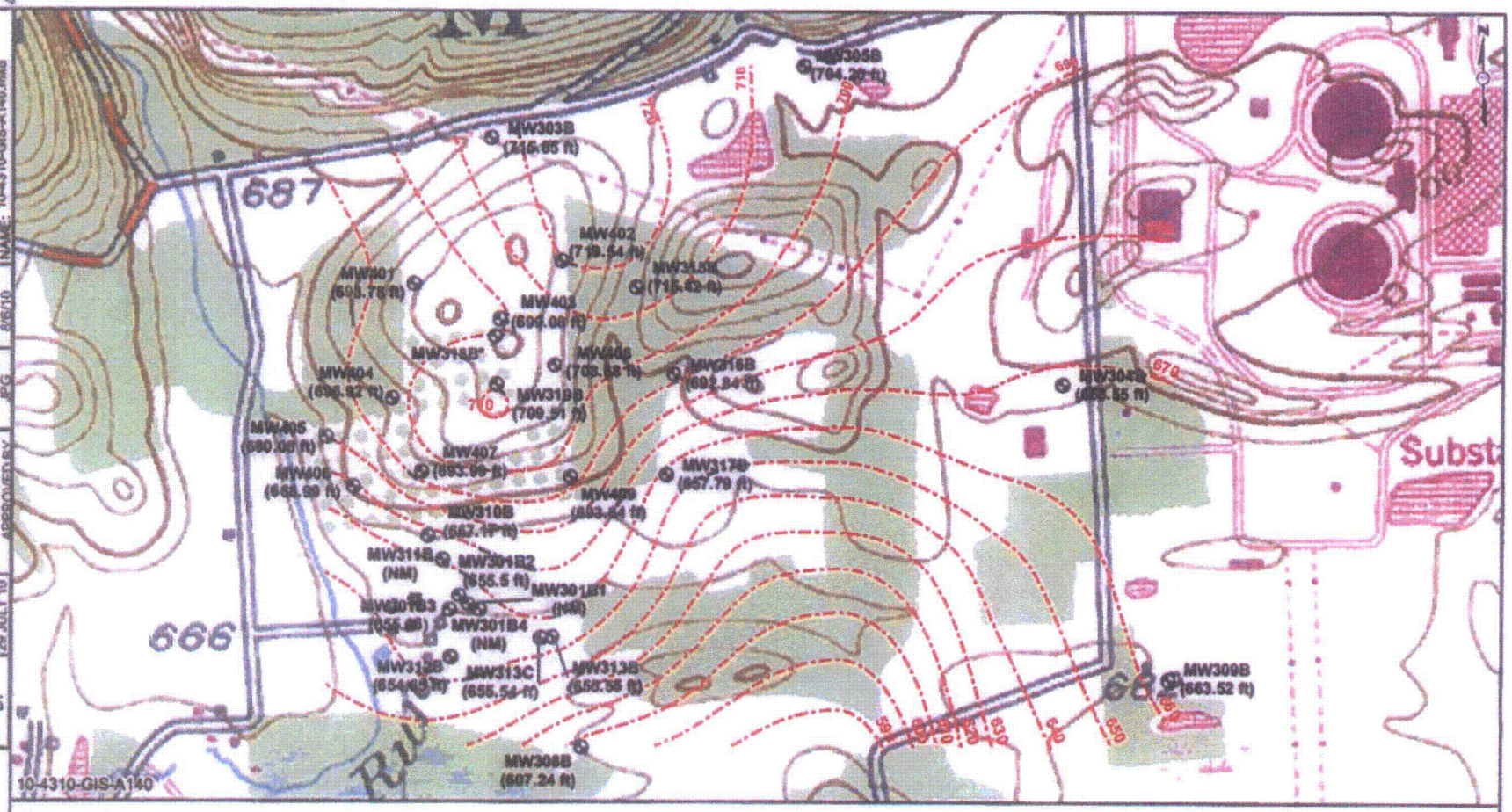
Figure 5
Potentiometric Surface Map
Overburden Zone
June 29, 2010

DRAWN BY	MLS 29 July 10	CHECKED BY	FAM 8/6/10	PATH:	
		APPROVED BY	JPG 8/6/10	NAME: 10-4310-GIS-A139.mxd	

UPDATE LEGEND.

CHECKED:	LFC	DATE:	8/24/10
APPROVED:	JPG	DATE:	8/24/10

REVISIONS



Legend

- Monitoring Well
- (669.92 ft) (Groundwater Elevation in feet)
- (NM) (No Measurement Taken)
- * Groundwater Elevation not used in Contouring
- 695 Potentiometric Contours (elevation in feet)

0 250 500 1,000 Feet

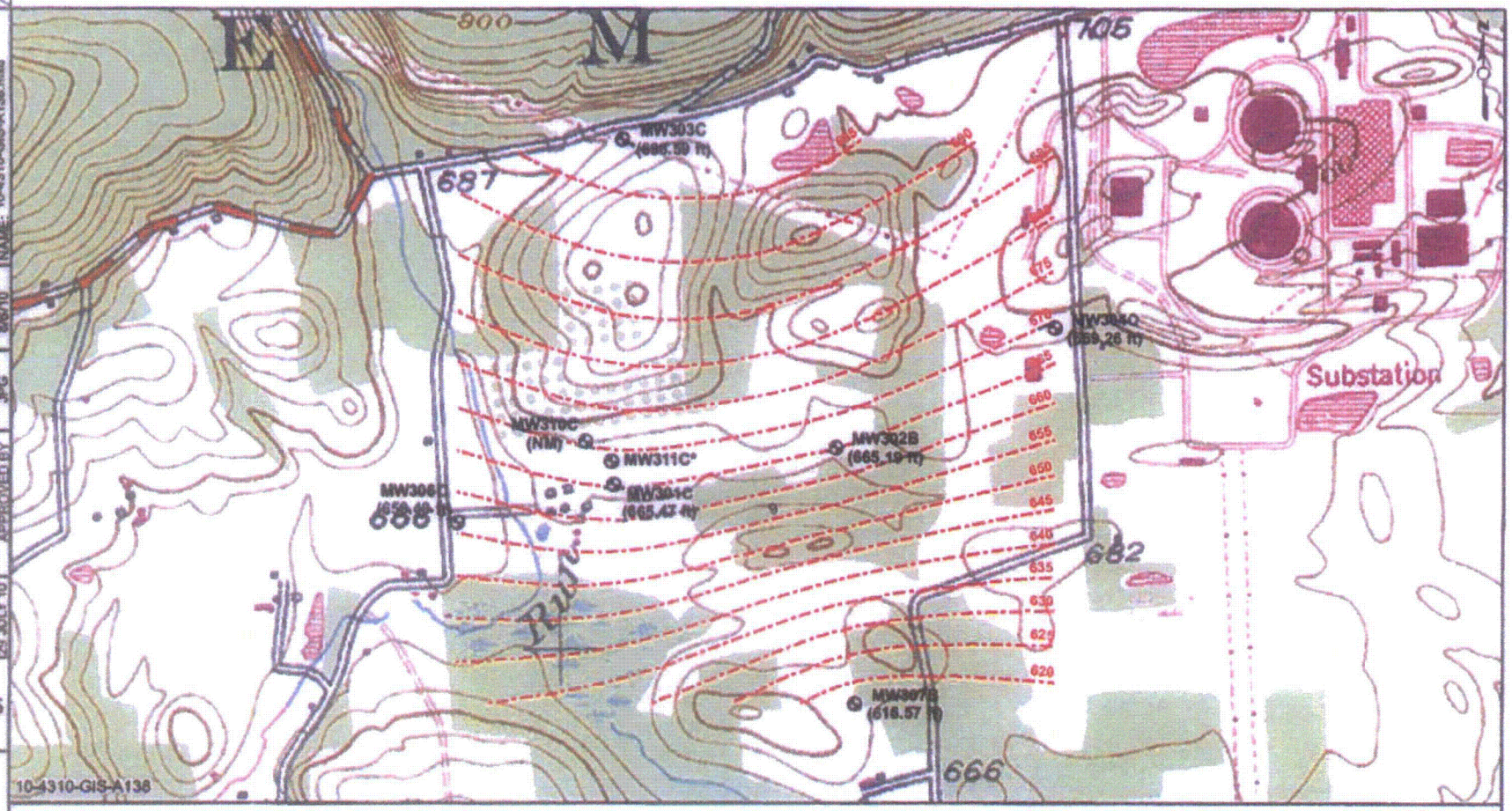
0 62.5 125 250 Meters

REFERENCE:
USGS 1:24K Topographic Maps, Berwick (photorevised 1989).

Figure 6
Potentiometric Surface Map
Shallow Bedrock Zone
June 29, 2010

1	UPDATE MW301B3, POTENTIOMETRIC CONTOURS, AND LEGEND.
CHECKED: BFC	DATE: 8/24/10
APPROVED:	DATE: 8/24/10
REVISIONS	

DRAWN BY	MLS	CHECKED BY	FAM	8/6/10	PATH:
	29 JULY 10	APPROVED BY	JFG	8/6/10	NAME: 10-4310-GIS-A140.mxd



Legend

- Monitoring Well
- (666.59 ft) (Groundwater Elevation in feet)
- (NM) (No Measurement Taken)
- * Groundwater Elevation not used in Contouring
- 695 Potentiometric Contours (elevation in feet)

0 500 1,000 2,000 Feet

0 125 250 500 Meters

REFERENCE:
USGS 1:24K Topographic Maps, Berwick (photorevised 1989).

Figure 7
Potentiomtric Surface Map
Deep Bedrock Zone
June 29, 2010

1	UPDATE POTENTIOMETRIC CONTOURS AND LEGEND.
CHECKED: DPZ	DATE: 8/24/10
APPROVED: TPG	DATE: 8/24/10
*REVISIONS	

DRAWN BY	MLS	CHECKED BY	FAM	8/6/10
	29 JULY 10	APPROVED BY	JPG	8/6/10

PATH:
NAME: 10-4310-GIS-A138.mxd

ATTACHMENT B

TABLE 1
BBNPP MONITORING WELLS AND CONSTRUCTION DETAILS

Monitoring Well ID	Corresponding Geotechnical Boring	Northing [1] (FT)	Easting [1] (FT)	Ground Surface Elevation [2] (FT)	Top of Casing Elevation [2] (FT)	Boring Depth (FT BGS)	Well Depth (FT BGS)	Screen Diameter & Slot Size (IN)	Screen Interval Depth		Screen Interval Elevation [2]		Filterpack Interval Depth	
									Top (FT BGS)	Bottom (FT BGS)	Top (FT)	Bottom (FT)	Top (FT BGS)	Bottom (FT BGS)
Glacial Overburden Well														
MW410	NA	339662.11	2406412.5	679.04	680.04	39	36	4.0/ 0.02	21	36	658.04	643.04	19	39
Shallow Bedrock Wells														
MW401	NA	340753.25	2405097.68	780.44	782.20	252.10	150.20	4.0/ 0.04	120.00	150.00	660.44	630.44	116.00	153.90
MW402	NA	340870.66	2405855.94	785.24	787.51	151.50	117.20	4.0/ 0.04	87.00	117.00	698.24	668.24	82.00	122.00
MW403	NA	340579.28	2405542.37	801.97	804.23	167.00	167.00	4.0/ 0.04	137.00	167.00	664.97	634.97	132.00	167.00
MW404	NA	340170.50	2404985.30	735.42	738.02	95.00	95.00	4.0/ 0.04	65.00	95.00	670.42	640.42	60.50	95.00
MW405	NA	339970.47	2404646.35	693.84	696.52	76.00	75.85	4.0/ 0.04	45.45	75.45	648.39	618.39	40.00	76.00
MW406	NA	339710.35	2404789.81	712.51	715.04	90.00	90.00	4.0/ 0.04	60.00	90.00	652.51	622.51	55.00	90.00
MW407	NA	339784.93	2405144.25	734.76	737.49	115.00	115.00	4.0/ 0.04	85.00	115.00	649.76	619.76	83.00	115.00
MW408	NA	340342.30	2405819.88	767.00	768.96	238.30	130.20	4.0/ 0.04	100.00	130.00	667.00	637.00	96.10	134.30
MW409	NA	339760.65	2405905.35	720.79	723.57	100.00	100.00	4.0/ 0.04	70.00	100.00	650.79	620.79	65.00	100.00

Notes:

[1] Horizontal Datum NAD83 State Plane feet

[2] Vertical Datum NAVD88 feet

TABLE 2
HYDRAULIC CONDUCTIVITY VALUES BASED ON PACKER TESTS

DEPTH TO TOP OF TEST ZONE	DEPTH TO BOTTOM OF TEST ZONE	HYDRAULIC CONDUCTIVITY (1)(2)	
(ft)	(ft)	(ft/day)	(cm/s)
Monitoring Well MW401 tested on 4/27/2010, 4/28/2010, and 5/5/2010			
120.6	133.2	1.12E-01	3.94E-05
131.6	144.2	1.35E-01	4.78E-05
141.6	154.2	1.08E+00	3.82E-04
152.6	165.2	<1.13E-03	<4.0E-07
162.6	175.2	1.13E-03	3.99E-07
183.6	196.2	2.25E-03	7.95E-07
204.6	217.2	1.69E-03	5.96E-07
225.6	238.2	1.74E-03	6.14E-07
Monitoring Well MW402 tested on 5/5/2010 and 5/6/2010			
91.1	103.7	5.21E-03	1.84E-06
101.1	113.7	1.67E-01	5.90E-05
112.1	124.7	4.19E-03	1.48E-06
122.1	134.7	3.14E-03	1.11E-06
130.2	142.8	<2.0E-03	<8.0E-07
Monitoring Well MW403 tested on 4/21/2010 and 4/22/2010			
75.8	89.1	<2.0E-03	<8.0E-07
86.8	100.1	<2.0E-03	<8.0E-07
96.8	110.1	<2.0E-03	<8.0E-07
107.8	121.1	<2.0E-03	<8.0E-07
117.8	131.1	<2.0E-03	<8.0E-07
128.8	142.1	<2.0E-03	<8.0E-07
138.8	152.1	3.85E-02	1.36E-05
149.8	163.1	7.48E-03	2.64E-06
170.8	184.1	<2.0E-03	<8.0E-07
180.8	194.1	<2.0E-03	<8.0E-07
191.8	205.1	4.84E-03	1.71E-06
Monitoring Well MW408 tested on 5/6/2010			
70.6	83.2	6.60E-03	2.33E-06
91.6	104.2	2.20E-03	7.77E-07
101.6	114.2	4.39E-03	1.55E-06
112.6	125.2	2.75E-01	9.70E-05
122.6	135.2	5.61E-03	1.98E-06
133.6	146.2	4.39E-03	1.55E-06
154.6	167.2	2.20E-03	7.77E-07
175.6	188.2	8.95E-03	3.16E-06
196.6	209.2	4.48E-03	1.58E-06
215.9	228.5	6.74E-03	2.38E-06

(1) Hydraulic conductivity values reported are arithmetic means of all tests run in each test zone.

(2) Where there was no flow, hydraulic conductivity values are reported as less than the lowest value calculated for the boring.

TABLE 3
HYDRAULIC CONDUCTIVITY VALUES BASED ON SLUG TESTS

WELL ID	METHOD OF SLUG TEST	HYDRAULIC CONDUCTIVITY		
		(FT/DAY)	(FT/SEC)	(CM/SEC)
Glacial Overburden Well				
MW410	Falling Head	3.80E+00	4.40E-05	1.34E-03
	Rising Head	5.94E+00	6.88E-05	2.10E-03
Geometric Mean		4.87E+00	5.64E-05	1.72E-03
Shallow Bedrock Wells				
MW401	Falling Head	1.57E+00	1.82E-05	5.54E-04
	Rising Head	1.71E+00	1.98E-05	6.03E-04
	Mean	1.64E+00	1.90E-05	5.79E-04
MW402	Falling Head	1.44E-01	1.67E-06	5.08E-05
	Rising Head	1.33E-01	1.54E-06	4.69E-05
	Mean	1.39E-01	1.60E-06	4.89E-05
MW403	Falling Head	2.72E-01	3.15E-06	9.60E-05
	Rising Head	3.53E-01	4.09E-06	1.25E-04
	Mean	3.13E-01	3.62E-06	1.10E-04
MW404	Falling Head	2.50E+00	2.89E-05	8.82E-04
	Rising Head	3.75E+00	4.34E-05	1.32E-03
	Mean	3.13E+00	3.62E-05	1.10E-03
MW405	Falling Head	1.77E+00	2.05E-05	6.24E-04
	Rising Head	1.87E+00	2.16E-05	6.60E-04
	Mean	1.82E+00	2.11E-05	6.42E-04
MW406	Falling Head	1.05E+00	1.22E-05	3.70E-04
	Rising Head	1.19E+00	1.38E-05	4.20E-04
	Mean	1.12E+00	1.30E-05	3.95E-04
MW407	Falling Head	1.26E+00	1.46E-05	4.45E-04
	Rising Head	1.54E+00	1.78E-05	5.43E-04
	Mean	1.40E+00	1.62E-05	4.94E-04
MW408	Falling Head	2.70E-01	3.13E-06	9.53E-05
	Rising Head	2.30E-01	2.66E-06	8.11E-05
	Mean	2.50E-01	2.89E-06	8.82E-05
MW409	Falling Head	8.93E-01	1.03E-05	3.15E-04
	Rising Head	1.04E+00	1.20E-05	3.67E-04
	Mean	9.67E-01	1.12E-05	3.41E-04
Geometric Mean		8.12E-01	9.39E-06	2.86E-04

TABLE 4
HYDRAULIC CONDUCTIVITY VALUES BASED ON PUMPING TESTS

OBSERVATION WELL	DATA TYPE	TRANSMISSIVITY (FT^2/DAY)	TRANSMISSIVITY (CM^2/SEC)	HYDRAULIC CONDUCTIVITY (FT/DAY)	HYDRAULIC CONDUCTIVITY (CM/SEC)	STORAGE COEFFICIENT (UNITLESS)
Pumping Well MW404						
MW405	Drawdown	1.19E+02	1.28E+00	3.45E+00	1.22E-03	2.60E-04
	Recovery	6.02E+01	6.47E-01	1.75E+00	6.17E-04	1.84E-04
MW407	Drawdown	1.12E+02	1.20E+00	3.25E+00	1.15E-03	1.15E-04
	Recovery	8.36E+01	8.99E-01	2.42E+00	8.54E-04	2.14E-04
Arithmetic Mean		9.37E+01	1.01E+00	2.72E+00	9.59E-04	1.93E-04
Pumping Well MW405						
MW404	Drawdown	8.84E+01	9.51E-01	2.45E+00	8.64E-04	2.88E-04
	Recovery	1.00E+01	1.08E-01	2.78E-01	9.81E-05	1.43E-04
MW406	Drawdown	5.30E+01	5.70E-01	1.47E+00	5.19E-04	2.33E-04
	Recovery	2.37E+01	2.55E-01	6.59E-01	2.32E-04	1.91E-04
Arithmetic Mean		4.38E+01	4.71E-01	1.21E+00	4.28E-04	2.14E-04
Pumping Well MW407						
MW404	Drawdown	8.10E+01	8.71E-01	2.53E+00	8.93E-04	1.79E-04
	Recovery	3.45E+01	3.71E-01	1.08E+00	3.81E-04	1.76E-04
MW409	Drawdown	5.24E+01	5.63E-01	1.64E+00	5.79E-04	7.27E-06
	Recovery	4.04E+01	4.34E-01	1.26E+00	4.45E-04	6.42E-06
Arithmetic Mean		5.21E+01	5.60E-01	1.63E+00	5.74E-04	9.22E-05

TABLE 5
BBNPP MONTHLY GROUNDWATER ELEVATION MEASUREMENTS

Monitoring Well ID	Elevation (ft) [1]		Groundwater Elevation (ft) [1]			
	Ground Surface	Top of Riser Reference Point	May 6-7, 2010	May 20, 2010	June 29, 2010	July 27, 2010
Overburden Wells						
MW301A	662.48	664.54	656.81	NM	NM	654.77
MW302A1	665.18	667.41	660.24	NM	658.47	657.67
MW302A2	665.25	667.42	660.22	NM	658.44	657.65
MW302A3	665.34	667.70	660.14	NM	658.38	657.58
MW302A4	665.56	667.70	660.27	NM	658.49	657.70
MW303A	734.13	736.18	713.99	NM	713.22	712.68
MW304A	680.61	682.65	670.45	NM	668.92	668.16
MW305A1	715.30	717.35	706.02	NM	704.50	704.02
MW305A2	714.64	717.01	705.57	NM	704.24	703.76
MW306A	662.46	664.67	655.05	NM	653.98	653.59
MW307A	688.60	690.96	684.69	NM	682.22	680.55
MW308A	661.38	663.42	655.69	NM	654.45	653.88
MW309A	673.33	675.62	667.44	NM	665.33	664.47
MW310A	674.48	676.73	657.83	NM	NM	655.86
MW410	679.04	680.04	NM	658.91	657.55	656.58
Shallow Bedrock Wells						
MW301B1	662.40	664.39	659.05	NM	NM	656.99
MW301B2	664.18	666.48	656.83	NM	655.50	654.78
MW301B3	662.41	664.61	656.38	NM	655.16	654.58
MW301B4	658.46	660.51	652.90	NM	NM	654.94
MW303B	733.53	735.65	716.94	NM	715.85	715.28
MW304B	681.27	683.09	669.58	NM	668.55	667.48
MW305B	714.10	716.19	705.48	NM	704.20	703.71
MW308B	661.00	663.36	606.77	NM	607.24	610.66
MW309B	673.16	675.31	665.17	NM	663.52	662.79
MW310B	675.31	678.04	668.54	NM	667.17	666.40
MW311B	668.90	671.29	658.25	NM	NM	656.02
MW312B	656.90	659.00	655.77	NM	654.65	654.11
MW313B	657.68	659.97	656.89	NM	655.55	654.84
MW313C	657.24	659.42	656.84	NM	655.54	654.84
MW315B	720.09	719.82	717.15	NM	715.42	714.83

TABLE 5
BBNPP MONTHLY GROUNDWATER ELEVATION MEASUREMENTS
(CONTINUED)

Monitoring Well ID	Elevation (ft) [1]		Groundwater Elevation (ft) [1]			
	Ground Surface	Top of Riser Reference Point	May 6-7, 2010	May 20, 2010	June 29, 2010	July 27, 2010
MW316B	702.37	702.08	696.68	NM	692.84	691.55
MW317B	681.17	683.30	659.47	NM	657.79	656.92
MW318B	801.32	803.79	757.47	NM	754.66	751.35
MW319B	790.57	793.04	715.26	NM	709.51	707.11
MW401	780.44	782.20	NM	696.70	693.78	692.47
MW402	785.24	787.51	NM	720.59	719.54	718.79
MW403	801.97	804.23	NM	700.27	699.08	696.65
MW404	735.42	738.02	NM	700.16	696.92	695.55
MW405	693.84	696.52	NM	680.51	680.08	679.99
MW406	712.51	715.04	NM	669.70	668.99	668.36
MW407	734.76	737.49	NM	697.34	693.99	692.59
MW408	767.00	768.96	NM	705.86	703.68	702.25
MW409	720.79	723.57	NM	696.92	693.64	692.23
Deep Bedrock Wells						
MW301C	668.38	668.79	667.28	NM	665.47	664.49
MW302B	665.29	667.42	666.95	NM	665.19	664.42
MW303C	732.94	734.98	698.39	NM	698.59	697.65
MW304C	680.57	682.44	670.45	NM	669.26	668.23
MW306C	662.47	664.70	657.42	NM	656.40	655.84
MW307B	688.33	690.85	625.42	NM	616.57	613.54
MW310C	675.38	678.35	[2]	NM	[2]	[2]
MW311C	669.07	671.18	597.64	NM	600.54	601.99

Notes:

(1) All elevations are reported in feet above North American Vertical Datum 1988 (NAVD88).

(2) Artesian pressure encountered in this well and well is flowing. Groundwater elevation was set equal to the top of the riser pipe.

NM = Not measured

TABLE 6
BBNPP MONTHLY SURFACE WATER ELEVATION MEASUREMENTS

Gauging Station ID	Surveyed Elevation Point (ft)[1]	June 30, 2010	July 27, 2010
		Water Elevation (ft)[1]	
Stream Gauges			
G1	670.97	661.76	661.72
G2	656.81	646.01	646.04
G3	729.2	722.53	722.45
G5	608.1	601.65	601.82
G10	529.77	518.32	518.47
G12	661.25	NM	[2]
G13	649.12	638.01	637.99
Pond Gauges			
G6	714.27	NM	NM
G7	687.52	NM	[3]
G8	656.62	NM	[2]
G9	667.75	NM	666.35

Notes:

[1] All elevations are reported in feet above North American Vertical Datum 1988 (NAVD88).

[2] Dry conditions existed in creek bed, no measurement.

[3] Water level was below bottom of staff gauge, no measurement.

NM = no measurement

Table 2.4-42—{Computed Water Budget Components for Selected Drainage Basins in the North Branch Susquehanna River Basin, Pennsylvania}

Watershed	Period of Data	Water Budget Components (in/yr)				Source of Data
		Precipitation (P)	Surface Runoff (S_r)	Groundwater Discharge (R_g)	Evapotranspiration (ET)	
Towanda Creek Basin	1961-1980	35.10 (26.21-44.47)	7.82 (1.98-16.44)	10.34 (5.05-16.26)	16.94 (10.71-24.28)	Taylor, 1984
Wapwallopen Creek Basin	1961-1980	43.87 (32.04-64.48)	5.94 (3.69-11.77)	14.20 (6.60-21.81)	23.73 (16.57-41.85)	Taylor, 1984
Tunkhannock Creek Basin	1961-1980	42.69 (34.41-52.74)	7.35 (2.14-11.28)	11.98 (5.65-18.43)	23.36 (16.68-28.03)	Taylor, 1984
East Branch Chillisquaque Creek	1963-1966	33.3	11.4(1)		21.9	Williams, 1987
East Branch Chillisquaque Creek	1972-1975	50.3	27.1(1)		22.8	Williams, 1987
Fishing Creek	1963-1966	33.3	17.4(2)		15.9	Williams, 1987
Fishing Creek	1972-1975	50.3	31.9(2)		18.4	Williams, 1987

Notes:
(1) Number represents total runoff (surface water and groundwater combined). Groundwater is approximately 44% of the total runoff.
(2) Number represents total runoff (surface water and groundwater combined). Groundwater is approximately 63% of the total runoff

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Table 2.4-44—{Monthly Groundwater Elevation Measurements, BBNPP}

(Page 1 of 4)

Monitoring Well ID	Elevation (ft msl)[1]		Depth To Groundwater (ft btor)[2]											
	Ground Surface	Top of Casing Reference Point	October 31, 2007	November 29, 2007	December 13, 2007	January 26, 2008	February 25, 2008	March 24, 2008	April 14, 2008	May 20, 2008	June 9, 2008	July 23, 2008	August 12, 2008	September 4, 2008
Overburden Wells														
MW301A	662.48	664.54	8.83	6.88	7.01	6.86	5.78	5.21	6.46	7.16	7.68	8.75	8.87	9.51
MW302A1	665.18	667.41	9.03	6.67	6.60	5.84	4.46	3.56	5.32	6.54	7.29	8.85	9.05	9.55
MW302A2	665.25	667.42	9.04	6.67	6.60	5.84	4.47	3.58	5.32	6.57	7.30	8.86	9.06	9.56
MW302A3	665.34	667.70	9.33	6.97	6.90	6.17	4.79	3.91	5.67	6.90	7.63	6.19	9.39	9.89
MW302A4	665.56	667.70	9.33	6.95	6.90	6.13	4.73	3.84	5.99	6.84	7.57	9.13	9.33	9.83
MW303A	734.13	736.18	22.85	21.56	22.00	21.86	20.22	19.07	21.36	21.25	21.77	22.64	22.39	23.05
MW304A	680.61	682.65	13.91	12.33	12.06	11.6	10.92	10.49	11.24	11.73	12.57	13.58	13.65	14.38
MW305A1	715.30	717.35	12.65	11.41	11.24	10.49	8.92	9.34	10.39	10.60	11.39	12.49	12.54	13.05
MW305A2	714.64	717.01	12.38	11.25	11.11	10.57	9.36	9.78	10.60	10.81	11.53	12.43	12.43	12.96
MW306A	662.46	664.67	9.58	8.01	8.45	8.74	7.82	7.60	8.75	9.00	9.57	10.26	10.22	10.84
MW307A	688.60	690.96	6.21	4.86	4.95	6.31	5.41	5.14	5.13	4.46	6.74	6.92	7.62	9.16
MW308A	661.38	663.42	8.07	6.63	6.90	7.21	6.49	6.40	7.02	7.11	7.79	8.39	8.46	9.30
MW309A	673.33	675.62	8.39	5.78	6.00	6.37	5.05	5.05	6.37	6.61	8.43	11.36	10.54	10.98
MW310A	674.48	676.73	19.33	17.22	17.55	17.48	16.09	15.64	17.36	18.36	18.83	19.84	19.97	20.33
Shallow Bedrock Wells														
MW301B1	662.40	664.39	6.92	4.62	4.95	5.02	3.96	3.77	5.10	5.46	6.03	6.89	6.93	7.46
MW301B2	664.18	666.48	10.35	8.77	8.90	5.79	7.72	7.20	8.56	9.10	9.62	10.65	10.78	11.43
MW301B3	662.41	664.61	10.41	7.21	7.38	7.39	6.39	5.97	7.16	7.57	8.09	5.98	9.10	9.75
MW301B4	658.46	660.51	10.81	2.67	2.92	2.71	1.35	1.53	2.69	3.14	3.75	4.66	4.73	5.41
MW303B	733.53	735.65	18.50	15.48	17.10	18.01	15.54	15.38	17.76	16.98	18.84	19.97	19.56	20.49
MW304B	681.27	683.09	14.48	13.02	12.85	12.49	12.14	11.53	12.16	12.60	13.43	14.60	13.82	14.34
MW305B	714.10	716.19	11.57	10.51	10.37	9.84	8.65	9.10	9.89	10.07	10.79	11.64	11.67	12.19
MW308B	661.00	663.36	68.50	66.45	65.57	62.88	69.23	74.67	73.40	75.98	74.85	72.52	75.72	74.58

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Table 2.4-44—{Monthly Groundwater Elevation Measurements, BBNPP}

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Monitoring Well ID	Elevation (ft msl)[1]		Depth To Groundwater (ft btor)[2]											
	Ground Surface	Top of Casing Reference Point	October 31, 2007	November 29, 2007	December 13, 2007	January 26, 2008	February 25, 2008	March 24, 2008	April 14, 2008	May 20, 2008	June 9, 2008	July 23, 2008	August 12, 2008	September 4, 2008
MW309B	673.16	675.31	9.75	7.84	8.15	8.70	8.16	7.98	8.74	9.21	10.33	11.44	10.79	12.14
MW310B	675.31	678.04	16.35	13.81	14.01	13.23	11.71	11.80	13.33	13.68	14.29	15.22	15.15	15.47
MW311B	668.90	671.29	14.34	11.71	11.98	11.82	10.54	10.12	11.73	12.61	13.13	14.40	14.58	15.19
MW312B	656.90	659.00	8.88	2.40	2.53	2.01	1.30	0.80	2.30	2.61	3.17	4.00	4.02	4.66
MW313B	657.68	659.97	4.15	2.20	2.34	1.73	0.65	0.00	1.98	2.36	3.10	4.04	4.16	4.90
MW313C	657.24	659.42	NA	1.55	0.65	1.18	1.66	1.41	1.58	131.91	130.10	126.11	NR	122.08
MW315B	720.09	719.82	NA	2.15	2.17	1.15	0.55	0.03	1.77	2.07	2.73	3.76	3.84	4.17
MW316B	702.37	702.08	NA	9.84	9.98	8.54	7.36	8.30	8.96	7.81	8.87	10.72	10.77	11.43
MW317B	681.17	683.30	NA	23.24	23.20	22.52	21.23	20.39	22.10	23.33	23.90	25.42	25.60	26.15
MW318B	801.32	803.79	NA	53.57	53.51	44.64	42.40	42.75	45.36	45.18	46.61	49.50	48.22	52.60
MW319B	790.57	793.04	NA	87.14	83.66	73.85	70.38	71.33	74.19	74.77	76.42	79.52	79.85	81.02
Deep Bedrock Wells														
MW301C[3]	668.38	668.79	(3)	(3)	(3)	(3)	(3)	(3)	(3)	6.78	4.03	4.82	5.04	5.41
MW302B[4,5]	665.29	667.42	0.74	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
MW303C	732.94	734.98	31.08	28.64	29.90	30.80	29.27	30.28	32.98	33.64	35.22	36.90	35.86	36.26
MW304C	680.57	682.44	NA	15.47	13.75	12.01	11.72	11.30	11.85	12.01	12.57	13.81	14.51	15.19
MW306C	662.47	664.70	9.00	7.40	7.80	7.91	6.98	6.88	8.01	7.55	7.47	8.22	8.22	8.64
MW307B[4]	688.33	690.85	79.30	72.12	69.70	63.99	55.72	53.33	63.91	68.58	70.62	78.60	78.52	79.90
MW310C[5]	675.38	678.35	NA	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
MW311C	669.07	671.18	NR	147.64	146.34	142.37	139.67	137.03	135.20	131.91	130.10	126.11	NR	122.08
Overburden Wells														
MW301A	662.48	664.54	655.71	657.66	657.53	657.68	658.76	659.33	658.08	657.38	656.86	655.79	655.67	655.03
MW302A1	665.18	667.41	658.38	660.74	660.81	661.57	662.95	663.85	662.09	660.87	660.12	658.56	658.36	657.86
MW302A2	665.25	667.42	658.38	660.75	660.82	661.58	662.95	663.84	662.10	660.85	660.12	658.56	658.36	657.86

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Table 2.4-44—{Monthly Groundwater Elevation Measurements, BBNPP}

(Page 3 of 4)

Monitoring Well ID	Elevation (ft msl)[1]		Depth To Groundwater (ft btor)[2]											
	Ground Surface	Top of Casing Reference Point	October 31, 2007	November 29, 2007	December 13, 2007	January 26, 2008	February 25, 2008	March 24, 2008	April 14, 2008	May 20, 2008	June 9, 2008	July 23, 2008	August 12, 2008	September 4, 2008
MW302A3	665.34	667.70	658.37	660.73	660.80	661.53	662.91	663.79	662.03	660.80	660.07	661.51	658.31	657.81
MW302A4	665.56	667.70	658.37	660.75	660.80	661.57	662.97	663.86	661.71	660.86	660.13	658.57	658.37	657.87
MW303A	734.13	736.18	713.33	714.62	714.18	714.32	715.96	717.11	714.82	714.93	714.41	713.54	713.79	713.13
MW304A	680.61	682.65	668.74	670.32	670.59	671.05	671.73	672.16	671.41	670.92	670.08	669.07	669.00	668.27
MW305A1	715.30	717.35	704.70	705.94	706.11	706.86	708.43	708.01	706.96	706.75	705.96	704.86	704.81	704.30
MW305A2	714.64	717.01	704.63	705.76	705.90	706.44	707.65	707.23	706.41	706.20	705.48	704.58	704.58	704.05
MW306A	662.46	664.67	655.09	656.66	656.22	655.93	656.85	657.07	655.92	655.67	655.10	654.41	654.45	653.83
MW307A	688.60	690.96	684.75	686.10	686.01	684.65	685.55	685.82	685.83	686.50	684.22	684.04	683.34	681.80
MW308A	661.38	663.42	655.35	656.79	656.52	656.21	656.93	657.02	656.40	656.31	655.63	655.03	654.96	654.12
MW309A	673.33	675.62	667.23	669.84	669.62	669.25	670.57	670.57	669.25	669.01	667.19	664.26	665.08	664.64
MW310A	674.48	676.73	657.40	659.51	659.18	659.25	660.64	661.09	659.37	658.37	657.90	656.89	656.76	656.40
Shallow Bedrock Wells														
MW301B1	662.40	664.39	657.47	659.77	659.44	659.37	660.43	660.62	659.29	658.93	658.36	657.50	657.46	656.93
MW301B2	664.18	666.48	656.13	657.71	657.58	660.69	658.76	659.28	657.92	657.38	656.86	655.83	655.70	655.05
MW301B3	662.41	664.61	654.20	657.40	657.23	657.22	658.22	658.64	657.45	657.04	656.52	658.63	655.51	654.86
MW301B4	658.46	660.51	649.70	657.84	657.59	657.80	659.16	658.98	657.82	657.37	656.76	655.85	655.78	655.10
MW303B	733.53	735.65	717.15	720.17	718.55	717.64	720.11	720.27	717.89	718.67	716.81	715.68	716.09	715.16
MW304B	681.27	683.09	668.61	670.07	670.24	670.60	670.95	671.56	670.93	670.49	669.66	668.49	669.27	668.75
MW305B	714.10	716.19	704.62	705.68	705.82	706.35	707.54	707.09	706.30	706.12	705.40	704.55	704.52	704.00
MW308B	661.00	663.36	594.86	596.91	597.79	600.48	594.13	588.69	589.96	587.38	588.51	590.84	587.64	588.78
MW309B	673.16	675.31	665.56	667.47	667.16	666.61	667.15	667.33	666.57	666.10	664.98	663.87	664.52	663.17
MW310B	675.31	678.04	661.69	664.23	664.03	664.81	666.33	666.24	664.71	664.36	663.75	662.82	662.89	662.57
MW311B	668.90	671.29	656.95	659.58	659.31	659.47	660.75	661.17	659.56	658.68	658.16	656.89	656.71	656.10
MW312B	656.90	659.00	650.12	656.60	656.47	656.99	657.70	658.20	656.70	656.39	655.83	655.00	654.98	654.34

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Table 2.4-44—{Monthly Groundwater Elevation Measurements, BBNPP}

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Monitoring Well ID	Elevation (ft msl)[1]		Depth To Groundwater (ft btor)[2]											
	Ground Surface	Top of Casing Reference Point	October 31, 2007	November 29, 2007	December 13, 2007	January 26, 2008	February 25, 2008	March 24, 2008	April 14, 2008	May 20, 2008	June 9, 2008	July 23, 2008	August 12, 2008	September 4, 2008
MW313B	657.68	659.97	655.82	657.77	657.63	658.24	659.32	659.97	657.99	657.61	656.87	655.93	655.81	655.07
MW313C	657.24	659.42	NA	657.87	658.77	658.24	657.76	658.01	657.84	527.51	529.32	533.31	NR	537.34
MW315B	720.09	719.82	NA	717.67	717.65	718.67	719.27	719.79	718.05	717.75	717.09	716.06	715.98	715.65
MW316B	702.37	702.08	NA	692.24	692.10	693.54	694.72	693.78	693.12	694.27	693.21	691.36	691.31	690.65
MW317B	681.17	683.30	NA	660.06	660.10	660.78	662.07	662.91	661.20	659.97	659.40	657.88	657.70	657.15
MW318B	801.32	803.79	NA	750.22	750.28	759.15	761.39	761.04	758.43	758.61	757.18	754.29	755.57	751.19
MW319B	790.57	793.04	NA	705.90	709.38	719.19	722.66	721.71	718.85	718.27	716.62	713.52	713.19	712.02
Deep Bedrock Wells														
MW301C[3]	668.38	668.79	(3)	(3)	(3)	(3)	(3)	(3)	(3)	662.01	664.76	663.97	663.75	663.38
MW302B[4,5]	665.29	667.42	666.68	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
MW303C	732.94	734.98	703.90	706.34	705.08	704.18	705.71	704.70	702.00	701.34	699.76	698.08	699.12	698.72
MW304C	680.57	682.44	NA	666.97	668.69	670.43	670.72	671.14	670.59	670.43	669.87	668.63	667.93	667.25
MW306C	662.47	664.70	655.70	657.30	656.90	656.79	657.72	657.82	656.69	657.15	657.23	656.48	656.48	656.06
MW307B[4]	688.33	690.85	611.55	618.73	621.15	626.86	635.13	637.52	626.94	622.27	620.23	612.25	612.33	610.95
MW310C[5]	675.38	678.35	NA	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
MW311C	669.07	671.18	NR	523.54	524.84	528.81	531.51	534.15	535.98	539.27	541.08	545.07	NR	549.10

(1) ft msl= feet above mean sea level; vertical datum NAVD88 feet
(2) ft btor = feet below top of PVC riser pip (Top of Casing)
(3) Monitoring well MW301C was installed on May 20, 2008; water level monitoring was performed after this date.
(4) Monitoring wells MW302B and MW307B were drilled deeper than originally planned in order to intersect a water-bearing zone. These wells are therefore classified as Deep Bedrock wells because their screens are deeper than 200 ft bgs.
(5) Artesian pressure was encountered in this well and well is flowing. Groundwater elevation was set equal to the top of casing.
NA = Not Applicable
NR = Not Recorded

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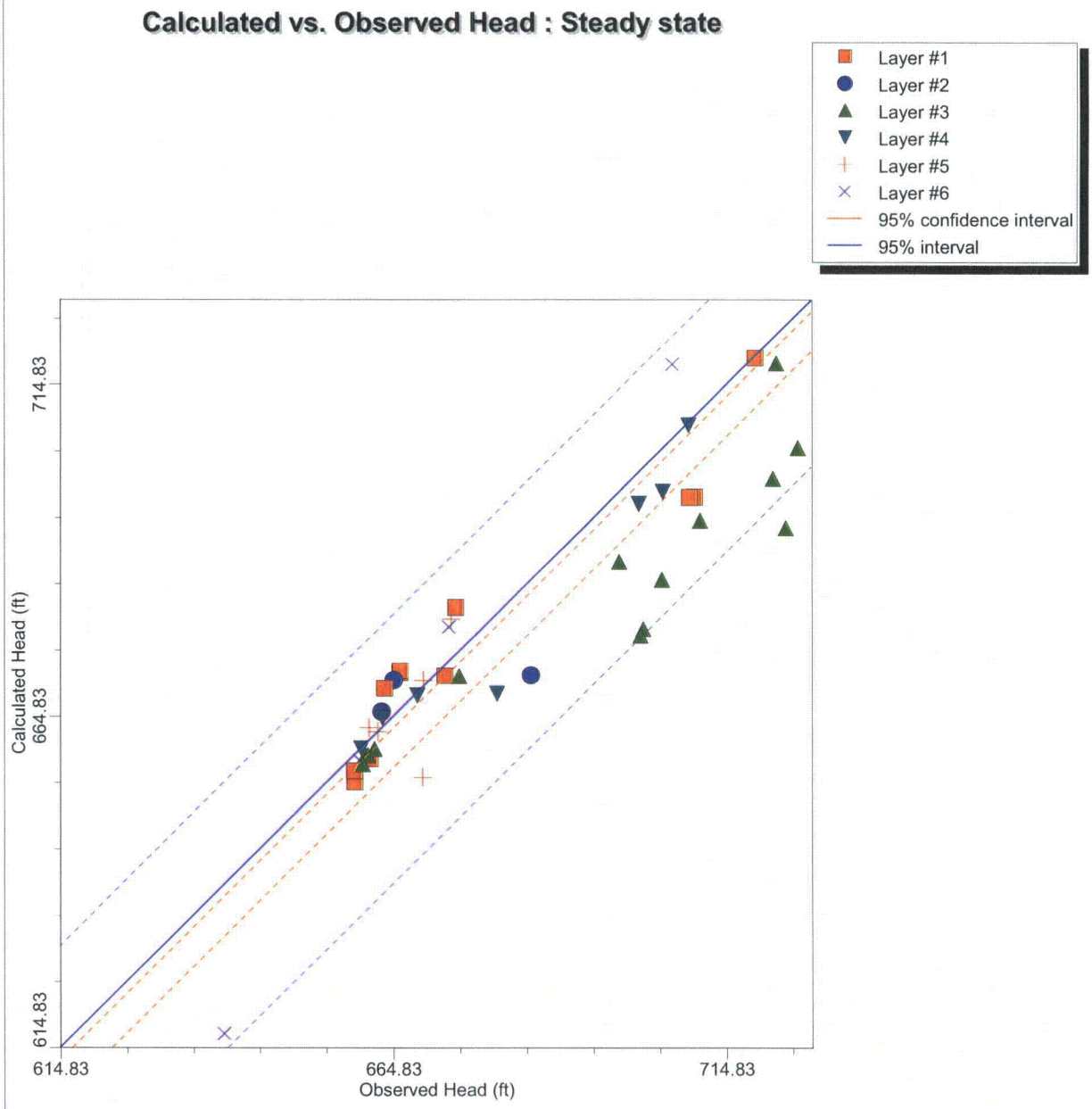
APPENDIX B

Baseline Flow Model Calibration Results and List Output
All Model Files on Compact Disc

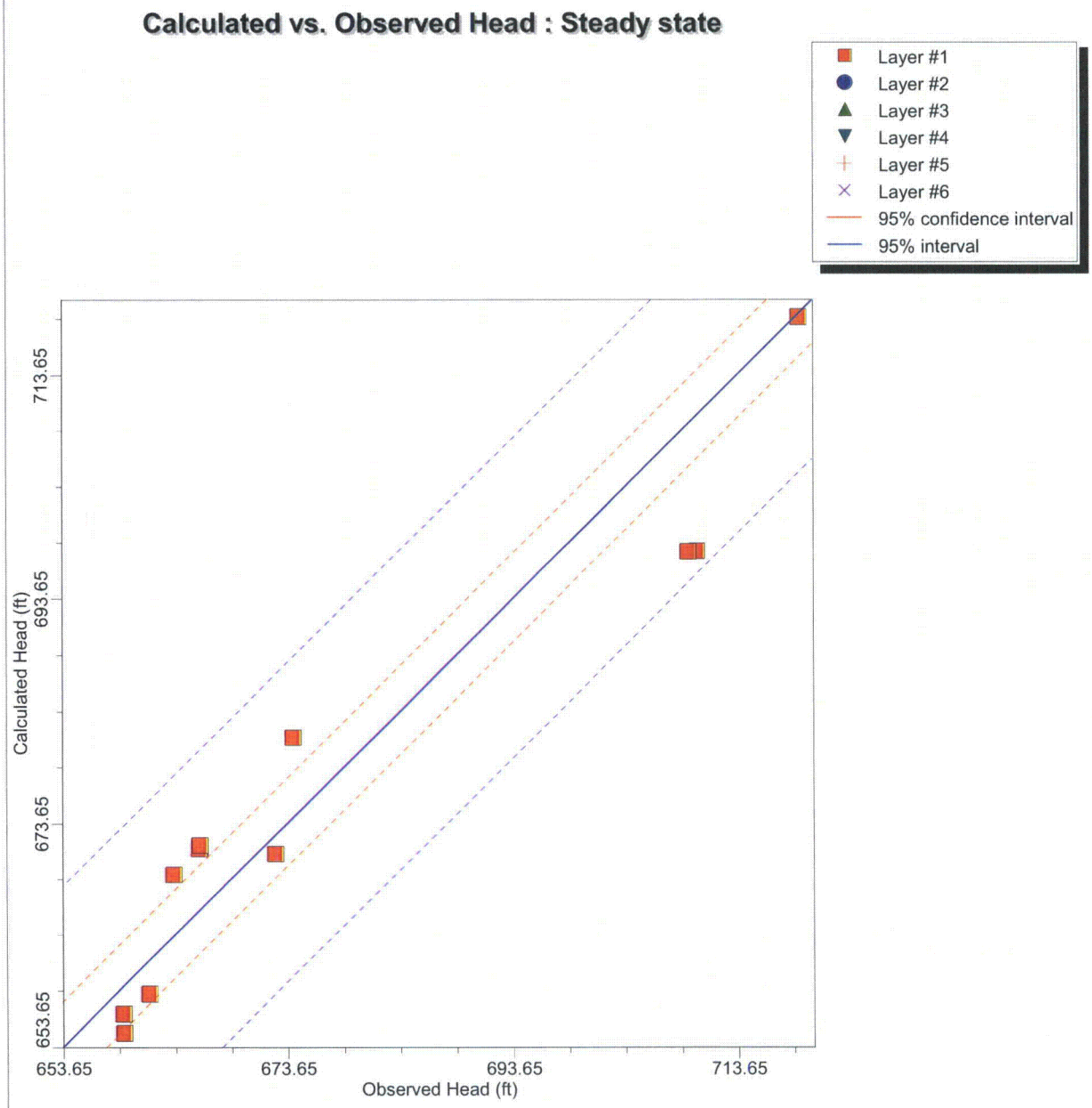


Max. Residual: -30.397 (ft) at MW319B/1
Min. Residual: -0.013 (ft) at MW313C/1
Residual Mean : -4.895 (ft)
Abs. Residual Mean : 7.937 (ft)

Num. of Data Points : 46
Standard Error of the Estimate : 1.485 (ft)
Root Mean Squared : 11.101 (ft)
Normalized RMS : 12.905 (%)
Correlation Coefficient : 0.903

Baseline Head Calibration, All Layers

WEAVER BOOS CONSULTANTS 4085 Meghan Beeler Court South Bend, Indiana 46628	Bell Bend Nuclear Power Plant Berwick, Pennsylvania

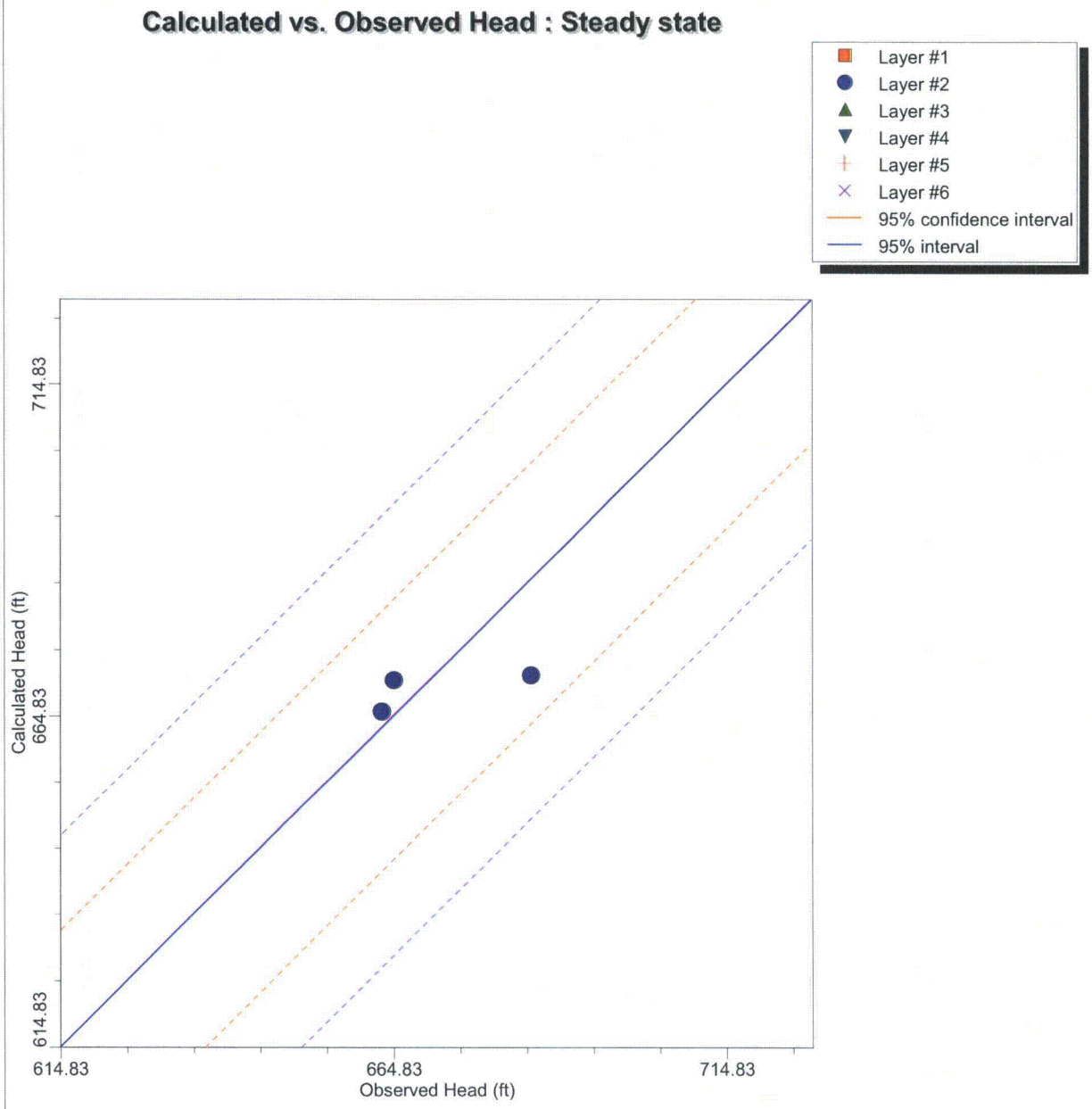


Max. Residual: -12.089 (ft) at MW305A1/1
Min. Residual: -0.284 (ft) at MW303A/1
Residual Mean : 0.072 (ft)
Abs. Residual Mean : 5.423 (ft)

Num. of Data Points : 13
Standard Error of the Estimate : 1.832 (ft)
Root Mean Squared : 6.346 (ft)
Normalized RMS : 10.561 (%)
Correlation Coefficient : 0.956

Baseline Head Calibration, Layer 1

WEAVER BOOS CONSULTANTS 4085 Meghan Beeler Court South Bend, Indiana 46628	Bell Bend Nuclear Power Plant Berwick, Pennsylvania

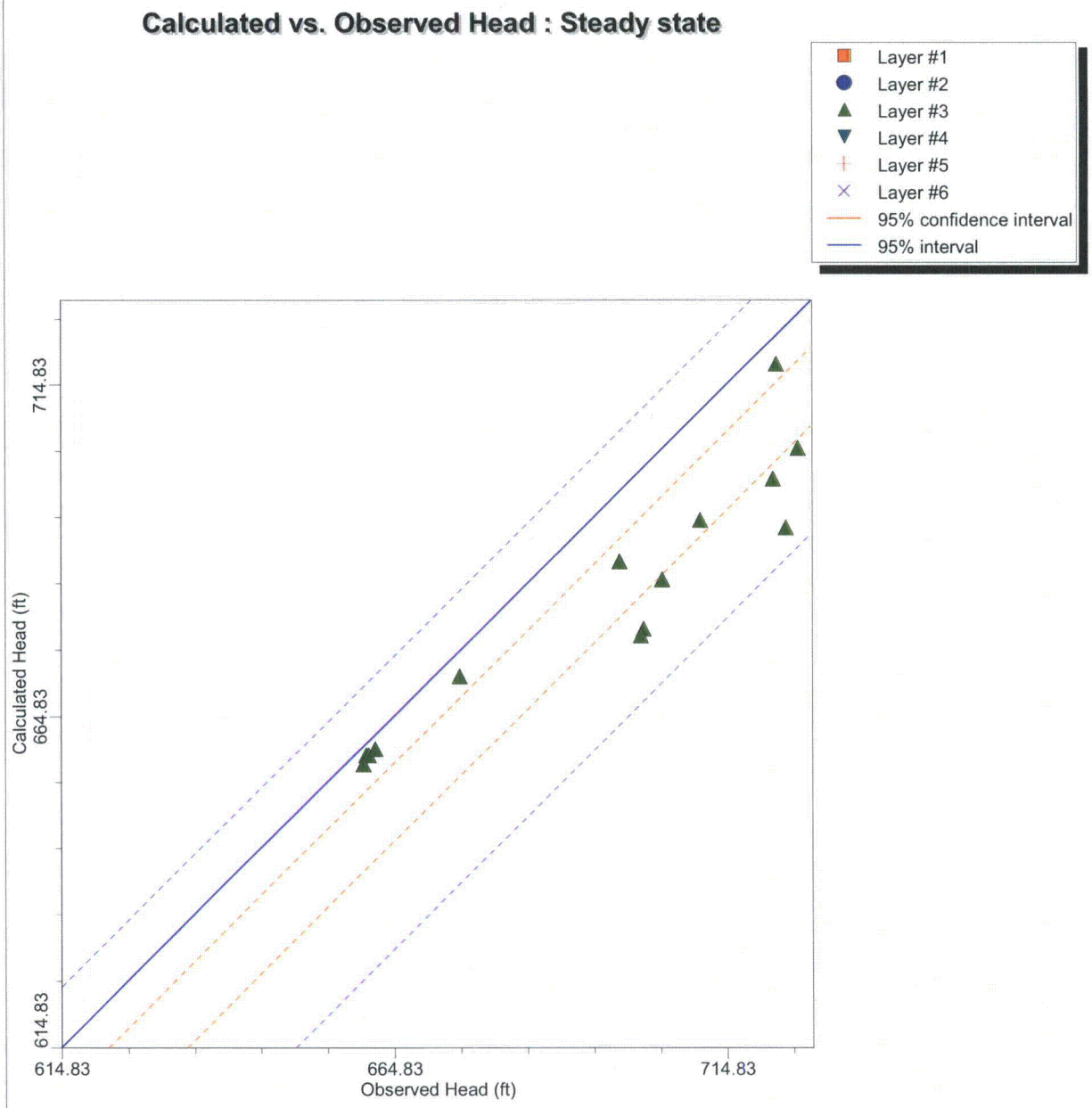


Max. Residual: -14.45 (ft) at MW405/A
Min. Residual: 2.448 (ft) at MW310A/1
Residual Mean : -2.218 (ft)
Abs. Residual Mean : 7.415 (ft)

Num. of Data Points : 3
Standard Error of the Estimate : 6.173 (ft)
Root Mean Squared : 9.007 (ft)
Normalized RMS : 40.266 (%)
Correlation Coefficient : 0.662

Baseline Head Calibration, Layer 2

WEAVER BOOS CONSULTANTS 4085 Meghan Beeler Court South Bend, Indiana 46628	Bell Bend Nuclear Power Plant Berwick, Pennsylvania

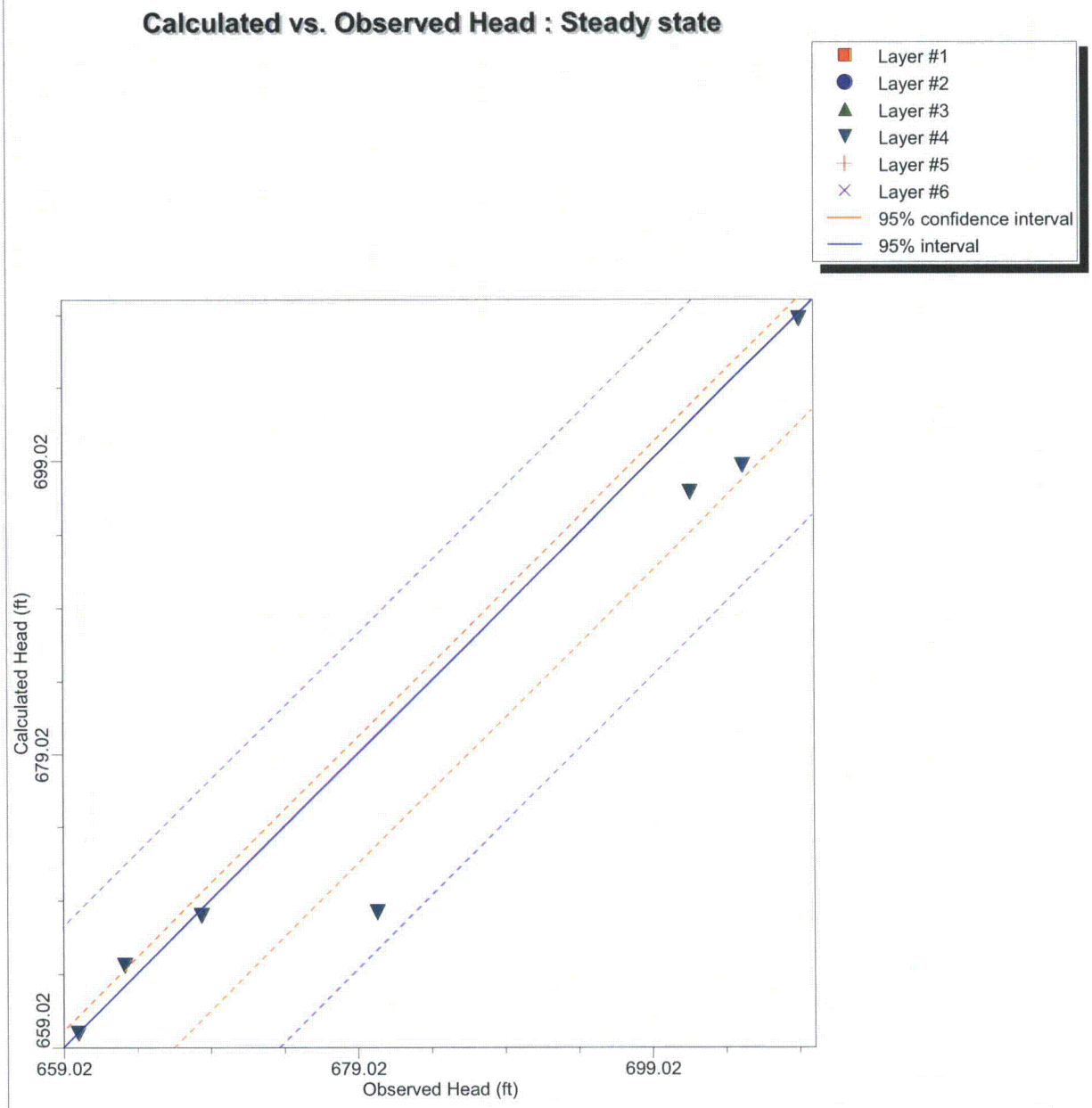


Max. Residual: -30.397 (ft) at MW319B/1
Min. Residual: -1.683 (ft) at MW301B3/1
Residual Mean : -13.125 (ft)
Abs. Residual Mean : 13.125 (ft)

Num. of Data Points : 14
Standard Error of the Estimate : 2.759 (ft)
Root Mean Squared : 16.469 (ft)
Normalized RMS : 25.205 (%)
Correlation Coefficient : 0.938

Baseline Head Calibration, Layer 3

WEAVER BOOS CONSULTANTS 4085 Meghan Beeler Court South Bend, Indiana 46628	Bell Bend Nuclear Power Plant Berwick, Pennsylvania

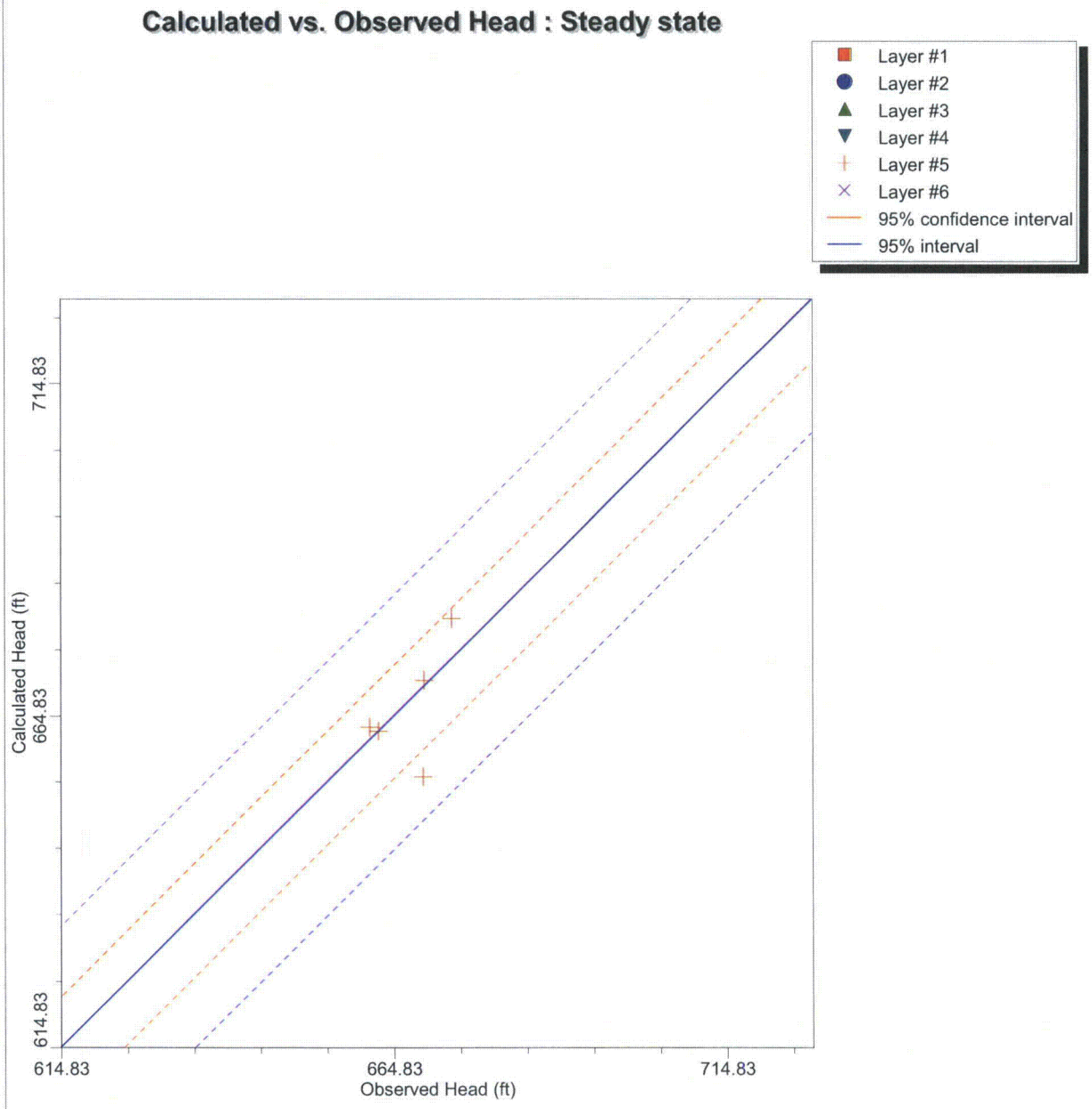


Max. Residual: -12.106 (ft) at MW310C/1
Min. Residual: -0.013 (ft) at MW313C/1
Residual Mean : -3.236 (ft)
Abs. Residual Mean : 3.65 (ft)

Num. of Data Points : 7
Standard Error of the Estimate : 1.831 (ft)
Root Mean Squared : 5.53 (ft)
Normalized RMS : 11.267 (%)
Correlation Coefficient : 0.974

Baseline Head Calibration, Layer 4

WEAVER BOOS CONSULTANTS 4085 Meghan Beeler Court South Bend, Indiana 46628	Bell Bend Nuclear Power Plant Berwick, Pennsylvania

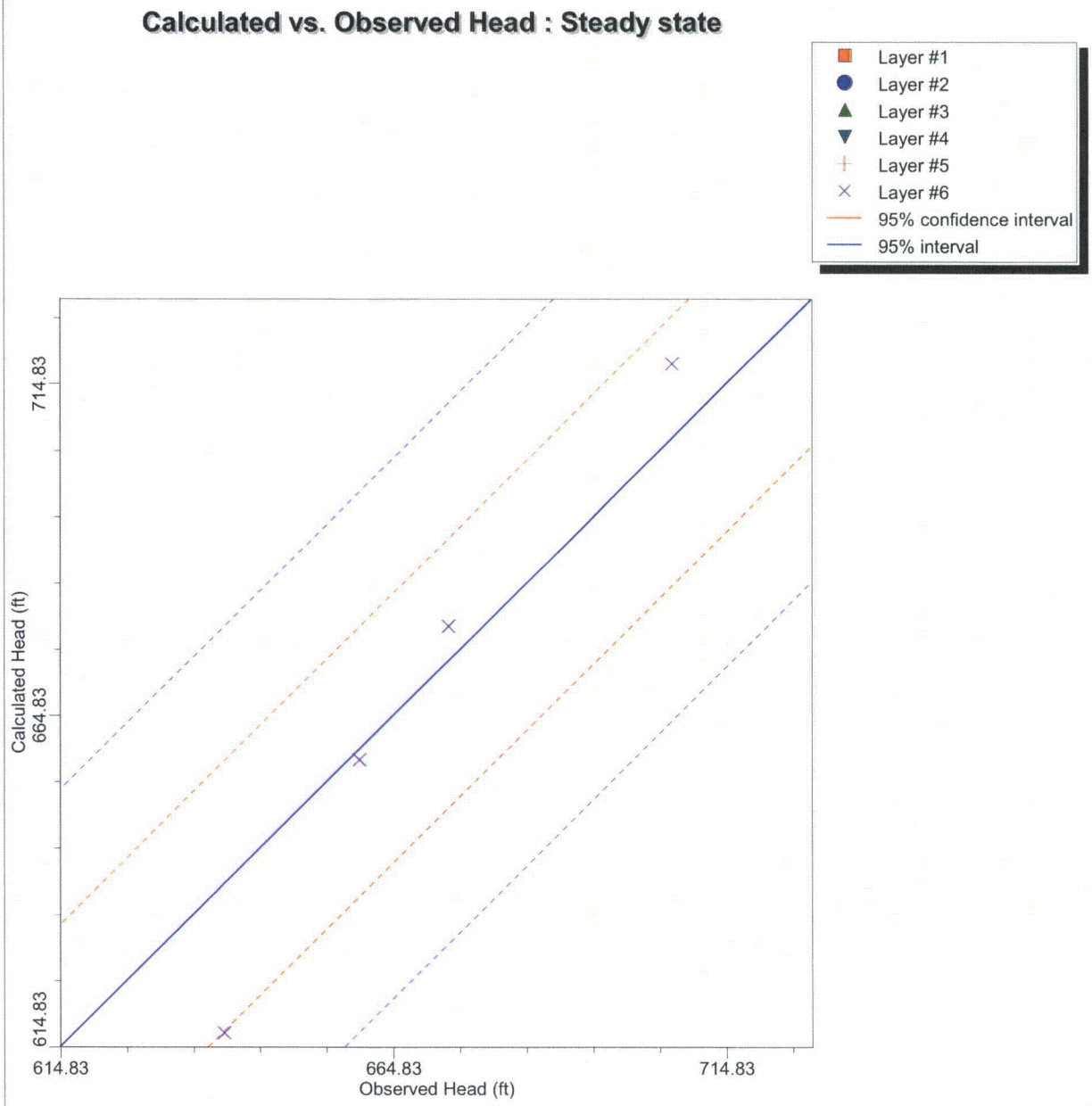


Max. Residual: -13.751 (ft) at MW309B/1
Min. Residual: -0.104 (ft) at MW301B1/1
Residual Mean : -1.043 (ft)
Abs. Residual Mean : 4.499 (ft)

Num. of Data Points : 5
Standard Error of the Estimate : 3.344 (ft)
Root Mean Squared : 6.769 (ft)
Normalized RMS : 55.121 (%)
Correlation Coefficient : 0.568

Baseline Head Calibration, Layer 5

WEAVER BOOS CONSULTANTS 4085 Meghan Beeler Court South Bend, Indiana 46628	Bell Bend Nuclear Power Plant Berwick, Pennsylvania

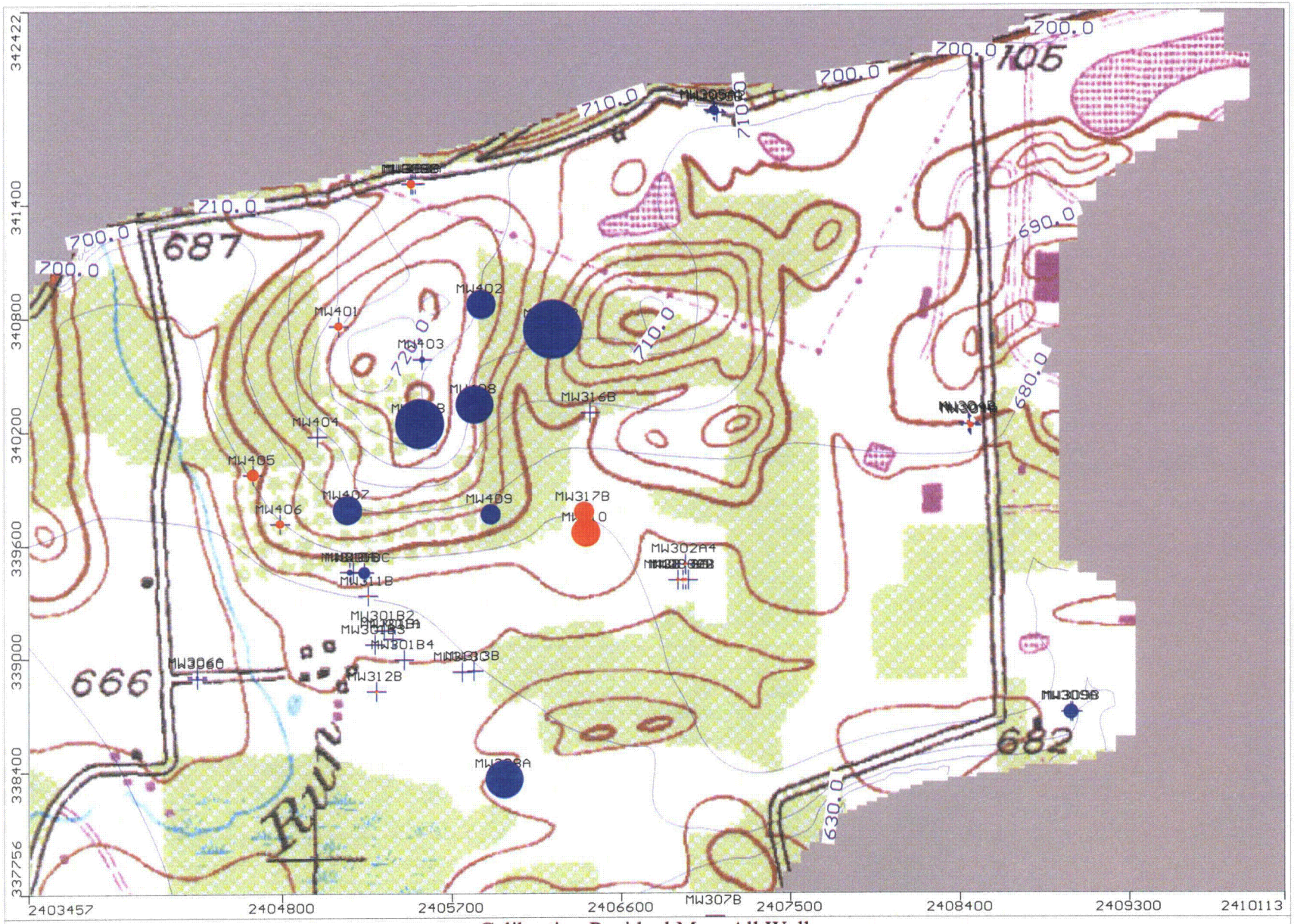


Max. Residual: -22.52 (ft) at MW307B/1
Min. Residual: -1.682 (ft) at MW306C/1
Residual Mean : -1.961 (ft)
Abs. Residual Mean : 10.14 (ft)

Num. of Data Points : 4
Standard Error of the Estimate : 7.337 (ft)
Root Mean Squared : 12.859 (ft)
Normalized RMS : 19.141 (%)
Correlation Coefficient : 0.989

Baseline Head Calibration, Layer 6

WEAVER BOOS CONSULTANTS 4085 Meghan Beeler Court South Bend, Indiana 46628	Bell Bend Nuclear Power Plant Berwick, Pennsylvania



Calibration Residual Map, All Wells
Red Symbols are Positive Residuals, Blue Symbols are Negative
Head Contours are in Layer 2

WEAVER BOOS CONSULTANTS 4085 Meghan Beeler Court South Bend, Indiana 46628	Bell Bend Nuclear Power Plant Berwick, Pennsylvania

```
                              MODFLOW-2000
     U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER FLOW MODEL
                 VERSION 1.18.00 08/23/2007   +OpenMI+SLB


 This model run combines GLOBAL and LIST output into this single file.

 GLOBAL LISTING FILE: K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.LST
                        UNIT    6

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.SIP
 FILE TYPE:SIP   UNIT   19   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.BAS
 FILE TYPE:BAS6   UNIT   10   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.BCF
 FILE TYPE:BCF6   UNIT   11   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.RIV
 FILE TYPE:RIV   UNIT   14   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.GHB
 FILE TYPE:GHB   UNIT   17   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.RCH
 FILE TYPE:RCH   UNIT   18   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.OC
 FILE TYPE:OC   UNIT   22   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.DIS
 FILE TYPE:DIS   UNIT   34   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.CLB
 FILE TYPE:CLB   UNIT   54   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.LMT
 FILE TYPE:LMT6   UNIT  333   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.FLO
 FILE TYPE:DATA(BINARY)   UNIT  175   STATUS:UNKNOWN
 FORMAT:UNFORMATTED           ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.NDC
 FILE TYPE:NDC   UNIT   57   STATUS:OLD
 FORMAT:FORMATTED             ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.HDS
 FILE TYPE:DATA(BINARY)   UNIT  150   STATUS:UNKNOWN
 FORMAT:UNFORMATTED           ACCESS:SEQUENTIAL
```

```
 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.DDN
 FILE TYPE:DATA(BINARY)   UNIT  151   STATUS:UNKNOWN
 FORMAT:UNFORMATTED            ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.BGT
 FILE TYPE:DATA(BINARY)   UNIT  154   STATUS:UNKNOWN
 FORMAT:UNFORMATTED            ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.sig
 FILE TYPE:DATA(BINARY)   UNIT  152   STATUS:UNKNOWN
 FORMAT:UNFORMATTED            ACCESS:SEQUENTIAL

 OPENING K:\Wbgm\Client Information\2500-2599\2524\301\01\01\MODFlow
083110\BBNPPBaseline0\BBNPPBaseline0.HVT
 FILE TYPE:DATA(BINARY)   UNIT  153   STATUS:UNKNOWN
 FORMAT:UNFORMATTED            ACCESS:SEQUENTIAL


 DISCRETIZATION INPUT DATA READ FROM UNIT   34
 #Discretization Package translator - (c) 2001 Waterloo Hydrogeologic Software
 #BBNPPBASELINE0.DIS Thu Sep 09 10:28:20 2010
    7 LAYERS       316 ROWS       245 COLUMNS
    1 STRESS PERIOD(S) IN SIMULATION
 MODEL TIME UNIT IS DAYS
 MODEL LENGTH UNIT IS FEET
  --- GUI Regime ---
 THE GROUND-WATER TRANSPORT PROCESS IS INACTIVE

 THE OBSERVATION PROCESS IS INACTIVE
 THE SENSITIVITY PROCESS IS INACTIVE
 THE PARAMETER-ESTIMATION PROCESS IS INACTIVE

 MODE: FORWARD

  Confining bed flag for each layer:
   0   0   0   0   0   0   0

    4878021  ELEMENTS OF GX ARRAY USED OUT OF    4878021
     541940  ELEMENTS OF GZ ARRAY USED OUT OF     541940
     541940  ELEMENTS OF IG ARRAY USED OUT OF     541940


                              DELR
 READING ON UNIT   34 WITH FORMAT: (10E16.9)


                              DELC
 READING ON UNIT   34 WITH FORMAT: (10E16.9)


          TOP ELEVATION OF LAYER 1
 READING ON UNIT   34 WITH FORMAT: (10E14.7)


            MODEL LAYER BOTTOM EL. FOR LAYER   1
 READING ON UNIT   34 WITH FORMAT: (10E14.7)


            MODEL LAYER BOTTOM EL. FOR LAYER   2
 READING ON UNIT   34 WITH FORMAT: (10E14.7)


            MODEL LAYER BOTTOM EL. FOR LAYER   3
 READING ON UNIT   34 WITH FORMAT: (10E14.7)
```

```
            MODEL LAYER BOTTOM EL. FOR LAYER   4
READING ON UNIT   34 WITH FORMAT: (10E14.7)


            MODEL LAYER BOTTOM EL. FOR LAYER   5
READING ON UNIT   34 WITH FORMAT: (10E14.7)


            MODEL LAYER BOTTOM EL. FOR LAYER   6
READING ON UNIT   34 WITH FORMAT: (10E14.7)


            MODEL LAYER BOTTOM EL. FOR LAYER   7
READING ON UNIT   34 WITH FORMAT: (10E14.7)

STRESS PERIOD     LENGTH       TIME STEPS     MULTIPLIER FOR DELT    SS FLAG
----------------------------------------------------------------------------
       1         1095.000          1                    1.000         SS

STEADY-STATE SIMULATION



SIP5 -- STRONGLY IMPLICIT PROCEDURE SOLUTION PACKAGE
                   VERSION 5, 9/1/93 INPUT READ FROM UNIT    1
MAXIMUM OF2000 ITERATIONS ALLOWED FOR CLOSURE
 6 ITERATION PARAMETERS
   2169766 ELEMENTS IN X ARRAY ARE USED BY SIP
      6000 ELEMENTS IN IX ARRAY ARE USED BY SIP
0CAL2 -- W.H.S. CALIBRATION PACKAGE INPUT READ FROM UNIT 54
icalin:         152
passport%m_data_field_count:          1
passport%m_passport_reccount:         48
Success
# OF CAL POINTS :   48

        48 ELEMENTS IN X ARRAY ARE USED FOR CALIBRATION POINTS

   2169814  ELEMENTS OF X ARRAY USED OUT OF    2169814
         0  ELEMENTS OF Z ARRAY USED OUT OF          1
      6000  ELEMENTS OF IX ARRAY USED OUT OF       6000
         0  ELEMENTS OF XHS ARRAY USED OUT OF          1
CALIBRATION POINTS
------------------
       1       1     148     132 0.56418390D+04 0.53516000D+04
       2       5     148     131 0.56293930D+04 0.53525410D+04
       3       5     146     129 0.55836390D+04 0.53965870D+04
       4       3     150     127 0.55337420D+04 0.53228980D+04
       5       3     154     133 0.56900840D+04 0.52413880D+04
       6       1     134     193 0.71848510D+04 0.56636000D+04
       7       1     134     192 0.71707820D+04 0.56636000D+04
       8       1     134     191 0.71450320D+04 0.56636000D+04
       9       1     130     193 0.71845270D+04 0.57486000D+04
      10       5     134     193 0.71992770D+04 0.56636000D+04
      11       1      37     136 0.57504180D+04 0.77586000D+04
      12       3      37     135 0.57385320D+04 0.77582070D+04
      13       6      37     135 0.57284730D+04 0.77576000D+04
      14       1      96     226 0.87004870D+04 0.64816000D+04
      15       5      95     226 0.86885610D+04 0.64986140D+04
      16       6      96     226 0.86947020D+04 0.64896000D+04
      17       1      20     198 0.73359600D+04 0.81496000D+04
      18       1      20     198 0.73419200D+04 0.81426000D+04
      19       4      20     199 0.73531960D+04 0.81341080D+04
      20       1     158      90 0.45967800D+04 0.51536000D+04
      21       6     158      90 0.45985930D+04 0.51426000D+04
      22       1     216     198 0.73311010D+04 0.38866000D+04
      23       6     216     198 0.73418040D+04 0.38866000D+04
      24       1     183     155 0.62249140D+04 0.46096000D+04
      25       1     167     232 0.92343070D+04 0.49616000D+04
      26       5     166     232 0.92441970D+04 0.49623110D+04
      27       2     132     122 0.54014060D+04 0.57076000D+04
```

```
      28        4      132      123 0.54215200D+04 0.57083080D+04
      29        4      132      125 0.54781720D+04 0.57056000D+04
      30        4      138      126 0.54980510D+04 0.55818850D+04
      31        3      161      128 0.55428080D+04 0.50742230D+04
      32        3      156      148 0.60606870D+04 0.51815190D+04
      33        4      157      146 0.59998960D+04 0.51761410D+04
      34        3       73      165 0.64795740D+04 0.69919030D+04
      35        3       93      173 0.66790390D+04 0.65517770D+04
      36        2      117      171 0.66465850D+04 0.60260870D+04
      37        2       84      136 0.57614340D+04 0.67467790D+04
      38        3       96      137 0.57732450D+04 0.64930580D+04
      39        4       72      120 0.53427900D+04 0.70068500D+04
      40        3       66      150 0.61010500D+04 0.71242600D+04
      41        4       80      137 0.57874800D+04 0.68328800D+04
      42        3       99      115 0.52304100D+04 0.64241000D+04
      43        2      108      102 0.48914600D+04 0.62240700D+04
      44        3      120      108 0.50349200D+04 0.59639500D+04
      45        3      117      122 0.53893600D+04 0.60385300D+04
      46        3       91      148 0.60649900D+04 0.65959000D+04
      47        3      118      152 0.61504600D+04 0.60142500D+04
      48        1      122      172 0.66572200D+04 0.59157100D+04


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

#Basic Package translator - (c) 2001 Waterloo Hydrogeologic Software
#BBNPPBASELINE0.BAS Thu Sep 09 10:27:25 2010
   7 LAYERS       316 ROWS       245 COLUMNS
   1 STRESS PERIOD(S) IN SIMULATION

BAS6 -- BASIC PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT   10
        35 ELEMENTS IN IR ARRAY ARE USED BY BAS

BCF6 -- BLOCK-CENTERED FLOW PACKAGE, VERSION 6, 1/11/2000
        INPUT READ FROM UNIT 11
STEADY-STATE SIMULATION
CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT154
HEAD AT CELLS THAT CONVERT TO DRY= -0.10000E+31
WETTING CAPABILITY IS ACTIVE
WETTING FACTOR=   0.50000     WETTING ITERATION INTERVAL=   2
FLAG THAT SPECIFIES THE EQUATION TO USE FOR HEAD AT WETTED CELLS=   0
     LAYER  LAYER-TYPE CODE     INTERBLOCK T
     ---------------------------------------------
        1            3          0 -- HARMONIC
        2            3          0 -- HARMONIC
        3            3          0 -- HARMONIC
        4            3          0 -- HARMONIC
        5            3          0 -- HARMONIC
        6            3          0 -- HARMONIC
        7            3          0 -- HARMONIC
   1625827 ELEMENTS IN RX ARRAY ARE USED BY BCF

RIV6 -- RIVER PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT   14
No named parameters
MAXIMUM OF    521 ACTIVE RIVER REACHES AT ONE TIME
CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT  154
      3126 ELEMENTS IN RX ARRAY ARE USED BY RIV

GHB6 -- GHB PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT   17
No named parameters
MAXIMUM OF    292 ACTIVE GHB CELLS AT ONE TIME
CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT  154
      1460 ELEMENTS IN RX ARRAY ARE USED BY GHB

RCH6 -- RECHARGE PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT   18
No named parameters
OPTION 3 -- RECHARGE TO HIGHEST ACTIVE NODE IN EACH VERTICAL COLUMN
CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT  154
```

```
     77420 ELEMENTS IN RX ARRAY ARE USED BY RCH
     77420 ELEMENTS IN IR ARRAY ARE USED BY RCH

   1707833  ELEMENTS OF RX ARRAY USED OUT OF    1707833
         0  ELEMENTS OF RZ ARRAY USED OUT OF          1
     77455  ELEMENTS OF IR ARRAY USED OUT OF      77455
1
 #Basic Package translator - (c) 2001 Waterloo Hydrogeologic Software
 #BBNPPBASELINE0.BAS Thu Sep 09 10:27:25 2010


                     BOUNDARY ARRAY FOR LAYER   1
 READING ON UNIT   10 WITH FORMAT: (40I2)


                     BOUNDARY ARRAY FOR LAYER   2
 READING ON UNIT   10 WITH FORMAT: (40I2)


                     BOUNDARY ARRAY FOR LAYER   3
 READING ON UNIT   10 WITH FORMAT: (40I2)


                     BOUNDARY ARRAY FOR LAYER   4
 READING ON UNIT   10 WITH FORMAT: (40I2)


                     BOUNDARY ARRAY FOR LAYER   5
 READING ON UNIT   10 WITH FORMAT: (40I2)


                     BOUNDARY ARRAY FOR LAYER   6
 READING ON UNIT   10 WITH FORMAT: (40I2)


                     BOUNDARY ARRAY FOR LAYER   7
 READING ON UNIT   10 WITH FORMAT: (40I2)

 AQUIFER HEAD WILL BE SET TO 1.00000E+30 AT ALL NO-FLOW NODES (IBOUND=0).


                       INITIAL HEAD FOR LAYER   1
 READING ON UNIT   10 WITH FORMAT:  (10G12.5)


                       INITIAL HEAD FOR LAYER   2
 READING ON UNIT   10 WITH FORMAT:  (10G12.5)


                       INITIAL HEAD FOR LAYER   3
 READING ON UNIT   10 WITH FORMAT:  (10G12.5)


                       INITIAL HEAD FOR LAYER   4
 READING ON UNIT   10 WITH FORMAT:  (10G12.5)


                       INITIAL HEAD FOR LAYER   5
 READING ON UNIT   10 WITH FORMAT:  (10G12.5)


                       INITIAL HEAD FOR LAYER   6
 READING ON UNIT   10 WITH FORMAT:  (10G12.5)
```

```
                    INITIAL HEAD FOR LAYER   7
READING ON UNIT   10 WITH FORMAT:  (10G12.5)

OUTPUT CONTROL IS SPECIFIED EVERY TIME STEP
HEAD PRINT FORMAT CODE IS   0    DRAWDOWN PRINT FORMAT CODE IS   0
HEADS WILL BE SAVED ON UNIT  150    DRAWDOWNS WILL BE SAVED ON UNIT  151


         COLUMN TO ROW ANISOTROPY
READING ON UNIT   11 WITH FORMAT: (10G11.4)


            HYD. COND. ALONG ROWS FOR LAYER   1
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


         VERT HYD COND /THICKNESS FOR LAYER   1
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


                  WETDRY PARAMETER FOR LAYER   1
READING ON UNIT   11 WITH FORMAT:  (10G11.4)

   HYD. COND. ALONG ROWS =   1.53920     FOR LAYER   2


         VERT HYD COND /THICKNESS FOR LAYER   2
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


                  WETDRY PARAMETER FOR LAYER   2
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


            HYD. COND. ALONG ROWS FOR LAYER   3
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


         VERT HYD COND /THICKNESS FOR LAYER   3
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


                  WETDRY PARAMETER FOR LAYER   3
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


            HYD. COND. ALONG ROWS FOR LAYER   4
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


         VERT HYD COND /THICKNESS FOR LAYER   4
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


                  WETDRY PARAMETER FOR LAYER   4
READING ON UNIT   11 WITH FORMAT:  (10G11.4)

   HYD. COND. ALONG ROWS =  0.464880     FOR LAYER   5
```

```
          VERT HYD COND /THICKNESS FOR LAYER   5
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


                  WETDRY PARAMETER FOR LAYER   5
READING ON UNIT   11 WITH FORMAT:  (10G11.4)

   HYD. COND. ALONG ROWS =  0.464880     FOR LAYER   6


          VERT HYD COND /THICKNESS FOR LAYER   6
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


                  WETDRY PARAMETER FOR LAYER   6
READING ON UNIT   11 WITH FORMAT:  (10G11.4)

   HYD. COND. ALONG ROWS =  0.464880     FOR LAYER   7


                  WETDRY PARAMETER FOR LAYER   7
READING ON UNIT   11 WITH FORMAT:  (10G11.4)


    0 River parameters


    0 GHB parameters


    0 Recharge parameters
1
                           STRESS PERIOD NO.    1, LENGTH =   1095.000
                           ----------------------------------------------

                             NUMBER OF TIME STEPS =     1

                              MULTIPLIER FOR DELT =     1.000

                           INITIAL TIME STEP SIZE =   1095.000
```

REACH NO.	LAYER	ROW	COL	STAGE	CONDUCTANCE	BOTTOM EL.
1	1	301	10	608.3	139.0	607.3
2	1	300	10	609.1	705.6	608.1
3	1	299	10	609.9	705.0	608.9
4	1	298	10	610.7	707.6	609.7
5	1	297	10	611.5	709.9	610.5
6	1	296	10	612.3	482.2	611.3
7	1	305	11	603.9	804.0	602.9
8	1	304	11	604.7	727.6	603.7
9	1	303	11	605.5	719.3	604.5
10	1	302	11	606.3	714.9	605.3
11	1	301	11	607.1	569.8	606.1
12	1	296	11	613.4	227.7	612.4
13	1	295	11	614.2	709.6	613.2
14	1	294	11	615.0	709.0	614.0
15	1	293	11	615.8	709.0	614.8
16	1	292	11	616.6	729.3	615.6
17	1	291	11	617.4	590.2	616.4
18	1	307	12	601.7	869.7	600.7
19	1	306	12	602.6	840.8	601.6
20	1	291	12	618.4	150.5	617.4
21	1	290	12	619.2	740.7	618.2
22	1	289	12	620.0	338.5	619.0
23	1	288	12	620.0	839.4	619.0
24	1	287	12	620.3	65.33	619.3
25	1	309	13	599.3	320.2	598.3
26	1	308	13	600.3	1060.	599.3
27	1	287	13	620.8	697.0	619.8
28	1	286	13	621.1	710.3	620.1
29	1	285	13	621.5	705.5	620.5

30	1	284	13	621.8	692.1	620.8
31	1	283	13	622.2	743.8	621.2
32	1	282	13	622.5	221.6	621.5
33	1	311	14	595.8	793.1	594.8
34	1	310	14	597.1	1185.	596.1
35	1	309	14	598.3	682.8	597.3
36	1	282	14	623.0	1021.	622.0
37	1	312	15	593.3	292.0	592.3
38	1	311	15	594.9	909.0	593.9
39	1	282	15	623.4	831.9	622.4
40	1	312	16	592.4	998.0	591.4
41	1	282	16	623.8	827.9	622.8
42	1	312	17	591.4	1031.	590.4
43	1	282	17	624.2	848.2	623.2
44	1	314	18	587.2	1014.	586.2
45	1	313	18	589.4	1780.	588.4
46	1	282	18	624.6	341.5	623.6
47	1	281	18	625.0	898.2	624.0
48	1	314	19	586.3	1247.	585.3
49	1	281	19	625.4	594.2	624.4
50	1	280	19	625.7	234.7	624.7
51	1	315	20	582.8	137.5	581.8
52	1	314	20	585.3	735.0	584.3
53	1	280	20	626.1	889.8	625.1
54	1	315	21	581.9	992.8	580.9
55	1	280	21	626.5	401.0	625.5
56	1	279	21	626.9	807.1	625.9
57	1	278	21	627.2	200.7	626.2
58	1	315	22	580.9	1179.	579.9
59	1	278	22	627.6	901.6	626.6
60	1	315	23	580.0	886.6	579.0
61	1	277	23	628.2	953.6	627.2
62	1	276	23	628.5	700.0	627.5
63	1	275	23	629.4	604.0	628.4
64	1	274	23	629.8	692.2	628.8
65	1	273	23	630.1	691.4	629.1
66	1	272	23	630.5	334.0	629.5
67	1	275	24	629.0	93.10	628.0
68	1	272	24	630.9	578.9	629.9
69	1	271	24	631.2	534.1	630.2
70	1	271	25	631.6	465.4	630.6
71	1	270	25	632.0	647.7	631.0
72	1	270	26	632.4	433.0	631.4
73	1	269	26	632.7	509.3	631.7
74	1	269	27	633.1	912.0	632.1
75	1	269	28	633.5	44.16	632.5
76	1	268	28	633.9	867.9	632.9
77	1	268	29	634.3	461.1	633.3
78	1	267	29	634.6	680.7	633.6
79	1	267	30	635.0	181.7	634.0
80	1	266	30	635.3	840.7	634.3
81	1	265	30	635.7	220.9	634.7
82	1	265	31	636.1	592.7	635.1
83	1	264	31	636.4	668.3	635.4
84	1	263	31	636.7	315.7	635.7
85	1	263	32	637.1	300.0	636.1
86	1	262	32	637.3	582.7	636.3
87	1	261	32	637.6	548.8	636.6
88	1	260	32	637.8	515.8	636.8
89	1	259	33	638.3	397.4	637.3
90	1	258	33	638.5	715.7	637.5
91	1	258	34	638.9	518.1	637.9
92	1	257	34	639.1	334.8	638.1
93	1	257	35	639.5	852.9	638.5
94	1	256	36	640.0	459.3	639.0
95	1	257	37	640.0	87.40	639.0
96	1	256	37	640.1	567.5	639.1
97	1	255	38	640.4	530.1	639.4
98	1	254	38	640.6	545.4	639.6
99	1	253	39	640.9	823.2	639.9
100	1	252	40	641.2	757.3	640.2
101	1	252	41	641.4	172.3	640.4
102	1	251	41	641.6	675.8	640.6
103	1	250	41	641.7	135.3	640.7
104	1	250	42	641.9	331.5	640.9
105	1	249	42	642.1	465.7	641.1

106	1	248	42	642.2	416.3	641.2
107	1	247	43	642.5	464.7	641.5
108	1	246	43	642.6	464.5	641.6
109	1	245	43	642.7	207.3	641.7
110	1	245	44	643.0	329.7	642.0
111	1	244	44	643.1	540.6	642.1
112	1	243	44	643.2	182.9	642.2
113	1	243	45	643.5	358.6	642.5
114	1	242	45	643.6	545.4	642.6
115	1	242	46	643.9	827.4	642.9
116	1	242	47	644.2	142.1	643.2
117	1	241	47	644.3	465.6	643.3
118	1	240	47	644.4	465.6	643.4
119	1	239	48	644.7	355.2	643.7
120	1	238	48	644.8	372.7	643.8
121	1	237	48	644.9	372.7	643.9
122	1	236	48	645.1	372.7	644.1
123	1	235	48	645.2	372.7	644.2
124	1	234	49	645.5	275.4	644.5
125	1	233	49	645.6	370.8	644.6
126	1	232	49	645.7	370.8	644.7
127	1	231	49	645.8	370.8	644.8
128	1	230	49	645.9	348.6	644.9
129	1	229	49	646.1	346.1	645.1
130	1	228	49	646.2	346.1	645.2
131	1	227	49	646.3	346.1	645.3
132	1	226	49	646.4	512.0	645.4
133	1	225	50	646.7	613.5	645.7
134	1	224	50	646.8	452.4	645.8
135	1	223	51	647.1	431.7	646.1
136	1	222	51	647.2	452.4	646.2
137	1	221	51	647.4	368.8	646.4
138	1	221	52	647.6	83.67	646.6
139	1	220	52	647.7	452.4	646.7
140	1	219	52	647.9	427.5	646.9
141	1	218	52	648.0	379.2	647.0
142	1	218	53	648.3	36.72	647.3
143	1	217	53	648.4	415.6	647.4
144	1	216	53	648.5	403.6	647.5
145	1	215	53	648.6	403.6	647.6
146	1	214	53	648.7	267.5	647.7
147	1	214	54	649.0	136.1	648.0
148	1	213	54	649.1	403.6	648.1
149	1	212	54	649.2	403.6	648.2
150	1	211	54	649.3	405.6	648.3
151	1	210	55	649.6	236.2	648.6
152	1	209	55	649.8	419.3	648.8
153	1	208	55	649.9	419.3	648.9
154	1	207	55	650.0	333.0	649.0
155	1	207	56	650.3	86.32	649.3
156	1	206	56	650.4	419.3	649.4
157	1	205	56	650.5	434.3	649.5
158	1	204	56	650.6	378.9	649.6
159	1	203	57	650.9	448.3	649.9
160	1	202	57	651.0	448.3	650.0
161	1	201	57	651.1	258.5	650.1
162	1	200	58	651.4	430.3	650.4
163	1	199	58	651.5	412.2	650.5
164	1	198	58	651.7	307.2	650.7
165	1	197	59	651.9	412.2	650.9
166	1	196	59	652.1	412.2	651.1
167	1	195	59	652.2	402.3	651.2
168	1	194	59	652.3	87.29	651.3
169	1	194	60	652.5	304.3	651.5
170	1	193	60	652.7	391.6	651.7
171	1	192	60	652.8	391.6	651.8
172	1	191	60	652.9	391.6	651.9
173	1	190	60	653.0	82.52	652.0
174	1	190	61	653.3	773.9	652.3
175	1	191	62	653.5	703.0	652.5
176	1	191	63	653.8	663.5	652.8
177	1	192	64	654.1	349.3	653.1
178	1	191	64	654.0	283.3	653.0
179	1	192	65	654.3	601.2	653.3
180	1	192	66	654.5	483.6	653.5
181	1	191	67	654.7	595.2	653.7

182	1	191	68	654.9	42.24	653.9
183	1	190	68	655.0	186.9	654.0
184	1	189	68	655.0	137.2	654.0
185	1	189	69	655.0	290.1	654.0
186	1	188	69	655.0	393.3	654.0
187	1	187	70	655.0	489.4	654.0
188	1	50	70	669.9	377.0	668.9
189	1	49	70	670.0	122.6	669.0
190	1	186	71	655.0	457.7	654.0
191	1	53	71	669.4	363.4	668.4
192	1	52	71	669.5	377.1	668.5
193	1	51	71	669.7	333.1	668.7
194	1	186	72	655.0	444.9	654.0
195	1	57	72	668.8	200.8	667.8
196	1	56	72	668.9	353.9	667.9
197	1	55	72	669.0	377.3	668.0
198	1	54	72	669.2	377.3	668.2
199	1	186	73	655.0	435.2	654.0
200	1	74	73	666.4	306.9	665.4
201	1	73	73	666.5	345.6	665.5
202	1	72	73	666.6	345.6	665.6
203	1	71	73	666.8	345.3	665.8
204	1	70	73	666.9	344.3	665.9
205	1	69	73	667.0	344.2	666.0
206	1	68	73	667.2	344.2	666.2
207	1	67	73	667.3	344.1	666.3
208	1	66	73	667.4	344.1	666.4
209	1	65	73	667.6	344.1	666.6
210	1	64	73	667.7	344.0	666.7
211	1	63	73	667.8	344.0	666.8
212	1	62	73	668.0	347.6	667.0
213	1	61	73	668.1	349.5	667.1
214	1	60	73	668.2	349.4	667.2
215	1	59	73	668.3	349.4	667.3
216	1	58	73	668.5	349.3	667.5
217	1	57	73	668.6	148.5	667.6
218	1	186	74	655.0	187.4	654.0
219	1	185	74	655.0	240.6	654.0
220	1	80	74	665.5	188.1	664.5
221	1	79	74	665.6	374.1	664.6
222	1	78	74	665.8	365.5	664.8
223	1	77	74	665.9	345.9	664.9
224	1	76	74	666.0	345.8	665.0
225	1	75	74	666.2	345.8	665.2
226	1	185	75	655.0	361.6	654.0
227	1	83	75	664.9	128.4	663.9
228	1	82	75	665.1	374.3	664.1
229	1	81	75	665.2	374.3	664.2
230	1	80	75	665.3	186.1	664.3
231	1	186	76	655.0	486.6	654.0
232	1	84	76	664.7	428.0	663.7
233	1	83	76	664.8	250.6	663.8
234	1	187	77	655.0	423.7	654.0
235	1	86	77	664.3	347.5	663.3
236	1	85	77	664.4	341.1	663.4
237	1	188	78	655.0	400.4	654.0
238	1	187	78	655.0	185.9	654.0
239	1	88	78	663.9	175.4	662.9
240	1	87	78	664.0	428.3	663.0
241	1	86	78	664.2	80.62	663.2
242	1	189	79	655.0	463.0	654.0
243	1	188	79	655.0	62.63	654.0
244	1	89	79	663.6	371.9	662.6
245	1	88	79	663.7	265.6	662.7
246	1	191	80	655.0	285.2	654.0
247	1	190	80	655.0	364.5	654.0
248	1	90	80	663.3	447.7	662.3
249	1	89	80	663.5	75.73	662.5
250	1	192	81	655.0	438.4	654.0
251	1	92	81	663.0	302.2	662.0
252	1	91	81	663.1	334.4	662.1
253	1	193	82	655.0	464.6	654.0
254	1	93	82	662.7	457.4	661.7
255	1	92	82	662.8	145.8	661.8
256	1	194	83	655.0	318.7	654.0
257	1	193	83	655.0	145.8	654.0

258	1	94	83	662.5	489.2	661.5
259	1	194	84	655.0	387.2	654.0
260	1	95	84	662.3	423.3	661.3
261	1	195	85	655.0	464.4	654.0
262	1	96	85	662.1	104.5	661.1
263	1	195	86	655.0	409.6	654.0
264	1	100	86	662.7	278.0	661.7
265	1	99	86	662.7	352.1	661.7
266	1	98	86	662.8	352.1	661.8
267	1	97	86	662.9	75.72	661.9
268	1	195	87	655.0	408.8	654.0
269	1	104	87	662.3	135.6	661.3
270	1	103	87	662.4	380.7	661.4
271	1	102	87	662.5	366.2	661.5
272	1	101	87	662.5	352.1	661.5
273	1	195	88	655.0	408.8	654.0
274	1	106	88	662.0	345.6	661.0
275	1	105	88	662.1	380.7	661.1
276	1	104	88	662.2	245.1	661.2
277	1	195	89	655.0	407.9	654.0
278	1	109	89	661.7	174.8	660.7
279	1	108	89	661.8	380.7	660.8
280	1	107	89	661.9	380.7	660.9
281	1	195	90	655.0	406.7	654.0
282	1	111	90	661.5	223.4	660.5
283	1	110	90	661.6	397.1	660.6
284	1	109	90	661.7	212.6	660.7
285	1	194	91	655.0	351.4	654.0
286	1	113	91	661.2	254.8	660.2
287	1	112	91	661.3	397.1	660.3
288	1	111	91	661.4	173.7	660.4
289	1	194	92	655.0	406.7	654.0
290	1	119	92	660.7	349.3	659.7
291	1	118	92	660.8	349.3	659.8
292	1	117	92	660.9	349.3	659.9
293	1	116	92	660.9	349.3	659.9
294	1	115	92	661.0	349.3	660.0
295	1	114	92	661.1	364.3	660.1
296	1	194	93	655.0	406.7	654.0
297	1	125	93	660.2	147.9	659.2
298	1	124	93	660.3	355.4	659.3
299	1	123	93	660.3	355.4	659.3
300	1	122	93	660.4	355.4	659.4
301	1	121	93	660.5	355.4	659.5
302	1	120	93	660.6	309.4	659.6
303	1	194	94	655.0	416.4	654.0
304	1	130	94	659.7	226.9	658.7
305	1	129	94	659.8	354.2	658.8
306	1	128	94	659.8	355.4	658.8
307	1	127	94	659.9	355.4	658.9
308	1	126	94	660.0	355.4	659.0
309	1	125	94	660.1	207.5	659.1
310	1	194	95	655.0	428.6	654.0
311	1	136	95	659.1	219.8	658.1
312	1	135	95	659.2	351.8	658.2
313	1	134	95	659.3	351.8	658.3
314	1	133	95	659.3	351.8	658.3
315	1	132	95	659.4	351.8	658.4
316	1	131	95	659.5	351.8	658.5
317	1	130	95	659.6	124.8	658.6
318	1	193	96	655.0	430.7	654.0
319	1	139	96	658.8	266.3	657.8
320	1	138	96	658.8	369.6	657.8
321	1	137	96	658.9	369.6	657.9
322	1	136	96	659.0	147.1	658.0
323	1	193	97	655.0	343.7	654.0
324	1	192	97	655.0	223.6	654.0
325	1	142	97	658.5	310.1	657.5
326	1	141	97	658.6	369.6	657.6
327	1	140	97	658.6	369.6	657.6
328	1	192	98	655.0	219.6	654.0
329	1	191	98	655.0	428.3	654.0
330	1	144	98	658.3	305.6	657.3
331	1	143	98	658.4	407.5	657.4
332	1	190	99	655.0	486.4	654.0
333	1	146	99	658.0	183.7	657.0

334	1	145	99	658.1	419.3	657.1
335	1	144	99	658.2	113.7	657.2
336	1	190	100	655.0	407.5	654.0
337	1	147	100	657.8	419.3	656.8
338	1	146	100	657.9	235.7	656.9
339	1	190	101	655.0	407.5	654.0
340	1	157	101	657.0	290.8	656.0
341	1	156	101	657.1	347.1	656.1
342	1	155	101	657.1	347.1	656.1
343	1	154	101	657.2	347.1	656.2
344	1	153	101	657.3	346.7	656.3
345	1	152	101	657.4	346.7	656.4
346	1	151	101	657.5	346.7	656.5
347	1	150	101	657.6	346.7	656.6
348	1	149	101	657.6	346.7	656.6
349	1	148	101	657.7	346.5	656.7
350	1	190	102	655.0	309.0	654.0
351	1	189	102	655.0	98.56	654.0
352	1	158	102	656.9	445.7	655.9
353	1	189	103	655.0	454.5	654.0
354	1	159	103	656.7	486.3	655.7
355	1	189	104	655.0	264.7	654.0
356	1	188	104	655.0	290.1	654.0
357	1	160	104	656.6	510.2	655.6
358	1	188	105	655.0	215.9	654.0
359	1	187	105	655.0	338.9	654.0
360	1	163	105	656.3	222.3	655.3
361	1	162	105	656.4	372.7	655.4
362	1	161	105	656.5	389.6	655.5
363	1	194	106	655.0	111.9	654.0
364	1	187	106	655.0	167.1	654.0
365	1	186	106	655.0	387.6	654.0
366	1	166	106	656.0	193.9	655.0
367	1	165	106	656.1	372.7	655.1
368	1	164	106	656.2	372.7	655.2
369	1	163	106	656.2	150.4	655.2
370	1	193	107	655.0	869.6	654.0
371	1	185	107	655.0	458.1	654.0
372	1	169	107	655.7	270.3	654.7
373	1	168	107	655.7	367.2	654.7
374	1	167	107	655.8	368.0	654.8
375	1	166	107	655.9	178.9	654.9
376	1	193	108	655.0	525.5	654.0
377	1	192	108	655.0	406.8	654.0
378	1	184	108	655.0	450.5	654.0
379	1	183	108	655.0	158.6	654.0
380	1	172	108	655.4	367.2	654.4
381	1	171	108	655.4	367.2	654.4
382	1	170	108	655.5	367.2	654.5
383	1	192	109	655.0	932.3	654.0
384	1	183	109	655.0	291.9	654.0
385	1	182	109	655.0	340.3	654.0
386	1	176	109	655.0	108.7	654.0
387	1	175	109	655.1	367.2	654.1
388	1	174	109	655.2	367.2	654.2
389	1	173	109	655.2	355.5	654.2
390	1	191	110	655.0	876.3	654.0
391	1	181	110	655.0	356.1	654.0
392	1	180	110	655.0	346.1	654.0
393	1	179	110	655.0	346.1	654.0
394	1	178	110	655.0	322.9	654.0
395	1	191	111	655.0	518.8	654.0
396	1	190	111	655.0	413.4	654.0
397	1	190	112	655.0	932.3	654.0
398	1	189	113	655.0	829.8	654.0
399	1	189	114	655.0	841.8	654.0
400	1	189	115	655.0	577.8	654.0
401	1	188	115	655.0	264.1	654.0
402	1	188	116	655.0	841.8	654.0
403	1	188	117	655.0	841.8	654.0
404	1	188	118	655.0	821.1	654.0
405	1	188	119	655.0	811.7	654.0
406	1	188	120	655.0	811.7	654.0
407	1	188	121	655.0	811.7	654.0
408	1	188	122	655.0	811.7	654.0
409	1	188	123	655.0	811.7	654.0

410	1	188	124	655.0	841.4	654.0
411	1	190	125	655.0	116.9	654.0
412	1	189	125	655.0	966.1	654.0
413	1	190	126	655.0	924.9	654.0
414	1	191	127	655.0	883.8	654.0
415	1	226	128	655.0	617.8	654.0
416	1	225	128	655.0	711.5	654.0
417	1	224	128	655.0	711.5	654.0
418	1	223	128	655.0	711.5	654.0
419	1	222	128	655.0	701.8	654.0
420	1	221	128	655.0	692.2	654.0
421	1	220	128	655.0	692.2	654.0
422	1	219	128	655.0	692.2	654.0
423	1	218	128	655.0	692.2	654.0
424	1	217	128	655.0	855.6	654.0
425	1	216	128	655.0	401.9	654.0
426	1	193	128	655.0	240.4	654.0
427	1	192	128	655.0	842.6	654.0
428	1	228	129	655.0	826.4	654.0
429	1	227	129	655.0	711.5	654.0
430	1	226	129	655.0	93.70	654.0
431	1	216	129	655.0	480.0	654.0
432	1	215	129	655.0	826.3	654.0
433	1	194	129	655.0	281.5	654.0
434	1	193	129	655.0	801.5	654.0
435	1	229	130	655.0	447.2	654.0
436	1	228	130	655.0	470.2	654.0
437	1	214	130	655.0	881.9	654.0
438	1	213	130	655.0	368.9	654.0
439	1	195	130	655.0	298.7	654.0
440	1	194	130	655.0	760.3	654.0
441	1	229	131	655.0	917.4	654.0
442	1	213	131	655.0	513.0	654.0
443	1	212	131	655.0	739.7	654.0
444	1	195	131	655.0	815.7	654.0
445	1	230	132	655.0	786.9	654.0
446	1	211	132	655.0	959.5	654.0
447	1	195	132	655.0	815.7	654.0
448	1	230	133	655.0	809.4	654.0
449	1	210	133	655.0	944.9	654.0
450	1	209	133	655.0	223.9	654.0
451	1	195	133	655.0	815.7	654.0
452	1	230	134	655.0	809.4	654.0
453	1	209	134	655.0	735.6	654.0
454	1	208	134	655.0	433.2	654.0
455	1	195	134	655.0	813.5	654.0
456	1	231	135	655.0	734.2	654.0
457	1	230	135	655.0	732.6	654.0
458	1	208	135	655.0	526.3	654.0
459	1	207	135	655.0	642.6	654.0
460	1	195	135	655.0	809.4	654.0
461	1	233	136	655.0	773.9	654.0
462	1	232	136	655.0	773.9	654.0
463	1	206	136	655.0	851.9	654.0
464	1	195	136	655.0	809.4	654.0
465	1	235	137	655.0	730.2	654.0
466	1	234	137	655.0	589.3	654.0
467	1	205	137	655.0	850.1	654.0
468	1	204	137	655.0	440.7	654.0
469	1	195	137	655.0	809.4	654.0
470	1	236	138	655.0	944.6	654.0
471	1	235	138	655.0	214.3	654.0
472	1	204	138	655.0	391.2	654.0
473	1	203	138	655.0	831.9	654.0
474	1	202	138	655.0	236.2	654.0
475	1	197	138	655.0	548.0	654.0
476	1	196	138	655.0	737.6	654.0
477	1	195	138	655.0	479.8	654.0
478	1	238	139	655.0	275.7	654.0
479	1	237	139	655.0	913.9	654.0
480	1	202	139	655.0	595.7	654.0
481	1	201	139	655.0	831.9	654.0
482	1	200	139	655.0	708.2	654.0
483	1	199	139	655.0	737.6	654.0
484	1	198	139	655.0	737.6	654.0
485	1	197	139	655.0	189.6	654.0

486	1	238	140	655.0	876.5	654.0
487	1	239	141	655.0	919.3	654.0
488	1	240	142	655.0	487.1	654.0
489	1	239	142	655.0	432.2	654.0
490	1	241	143	655.0	551.1	654.0
491	1	240	143	655.0	679.7	654.0
492	1	243	144	655.0	169.7	654.0
493	1	242	144	655.0	865.2	654.0
494	1	243	145	655.0	1013.	654.0
495	1	243	146	655.0	812.0	654.0
496	1	244	147	655.0	230.5	654.0
497	1	243	147	655.0	581.5	654.0
498	1	244	148	655.0	812.0	654.0
499	1	244	149	655.0	812.0	654.0
500	1	244	150	655.0	812.0	654.0
501	1	244	151	655.0	816.5	654.0
502	1	244	152	655.0	817.7	654.0
503	1	244	153	655.0	817.7	654.0
504	1	244	154	655.0	817.7	654.0
505	1	245	155	655.0	622.6	654.0
506	1	244	155	655.0	195.1	654.0
507	1	245	156	655.0	834.5	654.0
508	1	245	157	655.0	836.5	654.0
509	1	245	158	655.0	761.1	654.0
510	1	246	159	655.0	836.5	654.0
511	1	246	160	655.0	836.5	654.0
512	1	247	161	655.0	329.6	654.0
513	1	246	161	655.0	627.9	654.0
514	1	248	162	655.0	331.4	654.0
515	1	247	162	655.0	734.7	654.0
516	1	248	163	655.0	733.7	654.0
517	1	250	164	655.0	320.2	654.0
518	1	249	164	655.0	734.2	654.0
519	1	250	165	655.0	817.4	654.0
520	1	251	166	655.0	942.4	654.0
521	1	252	167	655.0	788.6	654.0

521 RIVER REACHES

BOUND. NO.	LAYER	ROW	COL	STAGE	CONDUCTANCE
1	5	315	4	480.0	85.57
2	5	315	5	480.0	74.01
3	5	315	6	480.0	64.03
4	5	315	7	480.0	55.71
5	5	315	8	480.0	49.03
6	5	315	9	480.0	43.85
7	5	315	10	480.0	39.97
8	5	315	11	480.0	37.17
9	5	315	12	480.0	35.21
10	5	315	13	480.0	33.89
11	5	315	14	480.0	33.03
12	5	315	15	480.0	32.48
13	5	315	16	480.0	32.15
14	5	315	17	480.0	31.95
15	5	315	18	480.0	31.83
16	5	315	19	480.0	31.77
17	5	315	20	480.0	31.74
18	5	315	21	480.0	31.72
19	5	315	22	480.0	31.71
20	5	315	23	480.0	31.70
21	5	315	24	480.0	31.70
22	5	315	25	480.0	31.70
23	5	315	26	480.0	31.70
24	5	315	27	480.0	31.70
25	5	315	28	480.0	31.70
26	5	315	29	480.0	31.70
27	5	315	30	480.0	31.70
28	5	315	31	480.0	31.70
29	5	315	32	480.0	31.70
30	5	315	33	480.0	31.70
31	5	315	34	480.0	31.70
32	5	315	35	480.0	31.70
33	5	315	36	480.0	31.70
34	5	315	37	480.0	31.70
35	5	315	38	480.0	31.70

36	5	315	39	480.0	31.70
37	5	315	40	480.0	31.70
38	5	315	41	480.0	31.70
39	5	315	42	480.0	31.70
40	5	315	43	480.0	31.70
41	5	315	44	480.0	31.70
42	5	315	45	480.0	31.70
43	5	315	46	480.0	31.70
44	5	315	47	480.0	31.69
45	5	315	48	480.0	31.69
46	5	315	49	480.0	31.67
47	5	315	50	480.0	31.65
48	5	315	51	480.0	31.62
49	5	315	52	480.0	31.56
50	5	315	53	480.0	31.47
51	5	315	54	480.0	31.34
52	5	315	55	480.0	31.15
53	5	315	56	480.0	30.87
54	5	315	57	480.0	30.50
55	5	315	58	480.0	30.01
56	5	315	59	480.0	29.39
57	5	315	60	480.0	28.62
58	5	315	61	480.0	27.72
59	5	315	62	480.0	26.70
60	5	315	63	480.0	25.57
61	5	315	64	480.0	24.38
62	5	315	65	480.0	23.17
63	5	315	66	480.0	21.98
64	5	315	67	480.0	20.86
65	5	315	68	480.0	19.83
66	5	315	69	480.0	18.93
67	5	315	70	480.0	18.17
68	5	315	71	480.0	17.55
69	5	315	72	480.0	17.05
70	5	315	73	480.0	16.68
71	5	315	74	480.0	16.41
72	5	315	75	480.0	16.21
73	5	315	76	480.0	16.08
74	4	315	4	480.0	28.61
75	4	315	5	480.0	24.74
76	4	315	6	480.0	21.41
77	4	315	7	480.0	18.63
78	4	315	8	480.0	16.39
79	4	315	9	480.0	14.66
80	4	315	10	480.0	13.37
81	4	315	11	480.0	12.43
82	4	315	12	480.0	11.77
83	4	315	13	480.0	11.33
84	4	315	14	480.0	11.04
85	4	315	15	480.0	10.86
86	4	315	16	480.0	10.75
87	4	315	17	480.0	10.68
88	4	315	18	480.0	10.64
89	4	315	19	480.0	10.62
90	4	315	20	480.0	10.61
91	4	315	21	480.0	10.60
92	4	315	22	480.0	10.60
93	4	315	23	480.0	10.60
94	4	315	24	480.0	10.60
95	4	315	25	480.0	10.60
96	4	315	26	480.0	10.60
97	4	315	27	480.0	10.60
98	4	315	28	480.0	10.60
99	4	315	29	480.0	10.60
100	4	315	30	480.0	10.60
101	4	315	31	480.0	10.60
102	4	315	32	480.0	10.60
103	4	315	33	480.0	10.60
104	4	315	34	480.0	10.60
105	4	315	35	480.0	10.60
106	4	315	36	480.0	10.60
107	4	315	37	480.0	10.60
108	4	315	38	480.0	10.60
109	4	315	39	480.0	10.60
110	4	315	40	480.0	10.60
111	4	315	41	480.0	10.60

112	4	315	42	480.0	10.60
113	4	315	43	480.0	10.60
114	4	315	44	480.0	10.60
115	4	315	45	480.0	10.60
116	4	315	46	480.0	10.60
117	4	315	47	480.0	10.60
118	4	315	48	480.0	10.59
119	4	315	49	480.0	10.59
120	4	315	50	480.0	10.58
121	4	315	51	480.0	10.57
122	4	315	52	480.0	10.55
123	4	315	53	480.0	10.52
124	4	315	54	480.0	10.48
125	4	315	55	480.0	10.41
126	4	315	56	480.0	10.32
127	4	315	57	480.0	10.20
128	4	315	58	480.0	10.03
129	4	315	59	480.0	9.825
130	4	315	60	480.0	9.570
131	4	315	61	480.0	9.269
132	4	315	62	480.0	8.926
133	4	315	63	480.0	8.550
134	4	315	64	480.0	8.153
135	4	315	65	480.0	7.747
136	4	315	66	480.0	7.350
137	4	315	67	480.0	6.974
138	4	315	68	480.0	6.631
139	4	315	69	480.0	6.329
140	4	315	70	480.0	6.074
141	4	315	71	480.0	5.866
142	4	315	72	480.0	5.702
143	4	315	73	480.0	5.578
144	4	315	74	480.0	5.486
145	4	315	75	480.0	5.421
146	4	315	76	480.0	5.377
147	3	315	4	480.0	25.52
148	3	315	5	480.0	22.08
149	3	315	6	480.0	19.10
150	3	315	7	480.0	16.62
151	3	315	8	480.0	14.63
152	3	315	9	480.0	13.08
153	3	315	10	480.0	11.92
154	3	315	11	480.0	11.09
155	3	315	12	480.0	10.50
156	3	315	13	480.0	10.11
157	3	315	14	480.0	9.851
158	3	315	15	480.0	9.688
159	3	315	16	480.0	9.589
160	3	315	17	480.0	9.530
161	3	315	18	480.0	9.496
162	3	315	19	480.0	9.477
163	3	315	20	480.0	9.466
164	3	315	21	480.0	9.461
165	3	315	22	480.0	9.458
166	3	315	23	480.0	9.457
167	3	315	24	480.0	9.456
168	3	315	25	480.0	9.456
169	3	315	26	480.0	9.456
170	3	315	27	480.0	9.456
171	3	315	28	480.0	9.456
172	3	315	29	480.0	9.456
173	3	315	30	480.0	9.456
174	3	315	31	480.0	9.456
175	3	315	32	480.0	9.456
176	3	315	33	480.0	9.456
177	3	315	34	480.0	9.456
178	3	315	35	480.0	9.456
179	3	315	36	480.0	9.456
180	3	315	37	480.0	9.456
181	3	315	38	480.0	9.456
182	3	315	39	480.0	9.456
183	3	315	40	480.0	9.456
184	3	315	41	480.0	9.456
185	3	315	42	480.0	9.456
186	3	315	43	480.0	9.456
187	3	315	44	480.0	9.456

188	3	315	45	480.0	9.455
189	3	315	46	480.0	9.455
190	3	315	47	480.0	9.453
191	3	315	48	480.0	9.451
192	3	315	49	480.0	9.448
193	3	315	50	480.0	9.442
194	3	315	51	480.0	9.431
195	3	315	52	480.0	9.414
196	3	315	53	480.0	9.388
197	3	315	54	480.0	9.349
198	3	315	55	480.0	9.291
199	3	315	56	480.0	9.209
200	3	315	57	480.0	9.098
201	3	315	58	480.0	8.952
202	3	315	59	480.0	8.766
203	3	315	60	480.0	8.538
204	3	315	61	480.0	8.270
205	3	315	62	480.0	7.964
206	3	315	63	480.0	7.628
207	3	315	64	480.0	7.273
208	3	315	65	480.0	6.912
209	3	315	66	480.0	6.557
210	3	315	67	480.0	6.222
211	3	315	68	480.0	5.916
212	3	315	69	480.0	5.647
213	3	315	70	480.0	5.419
214	3	315	71	480.0	5.234
215	3	315	72	480.0	5.087
216	3	315	73	480.0	4.976
217	3	315	74	480.0	4.895
218	3	315	75	480.0	4.837
219	3	315	76	480.0	4.797
220	2	315	4	480.0	31.43
221	2	315	5	480.0	27.19
222	2	315	6	480.0	23.52
223	2	315	7	480.0	20.47
224	2	315	8	480.0	18.01
225	2	315	9	480.0	16.11
226	2	315	10	480.0	14.69
227	2	315	11	480.0	13.66
228	2	315	12	480.0	12.94
229	2	315	13	480.0	12.45
230	2	315	14	480.0	12.13
231	2	315	15	480.0	11.93
232	2	315	16	480.0	11.81
233	2	315	17	480.0	11.74
234	2	315	18	480.0	11.69
235	2	315	19	480.0	11.67
236	2	315	20	480.0	11.66
237	2	315	21	480.0	11.65
238	2	315	22	480.0	11.65
239	2	315	23	480.0	11.65
240	2	315	24	480.0	11.65
241	2	315	25	480.0	11.65
242	2	315	26	480.0	11.65
243	2	315	27	480.0	11.65
244	2	315	28	480.0	11.65
245	2	315	29	480.0	11.65
246	2	315	30	480.0	11.65
247	2	315	31	480.0	11.65
248	2	315	32	480.0	11.65
249	2	315	33	480.0	11.65
250	2	315	34	480.0	11.65
251	2	315	35	480.0	11.65
252	2	315	36	480.0	11.65
253	2	315	37	480.0	11.65
254	2	315	38	480.0	11.65
255	2	315	39	480.0	11.65
256	2	315	40	480.0	11.65
257	2	315	41	480.0	11.65
258	2	315	42	480.0	11.65
259	2	315	43	480.0	11.65
260	2	315	44	480.0	11.64
261	2	315	45	480.0	11.64
262	2	315	46	480.0	11.64
263	2	315	47	480.0	11.64

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   264      2    315     48       480.0          11.64
   265      2    315     49       480.0          11.64
   266      2    315     50       480.0          11.63
   267      2    315     51       480.0          11.61
   268      2    315     52       480.0          11.59
   269      2    315     53       480.0          11.56
   270      2    315     54       480.0          11.51
   271      2    315     55       480.0          11.44
   272      2    315     56       480.0          11.34
   273      2    315     57       480.0          11.20
   274      2    315     58       480.0          11.02
   275      2    315     59       480.0          10.80
   276      2    315     60       480.0          10.52
   277      2    315     61       480.0          10.18
   278      2    315     62       480.0          9.808
   279      2    315     63       480.0          9.395
   280      2    315     64       480.0          8.958
   281      2    315     65       480.0          8.512
   282      2    315     66       480.0          8.075
   283      2    315     67       480.0          7.662
   284      2    315     68       480.0          7.285
   285      2    315     69       480.0          6.955
   286      2    315     70       480.0          6.674
   287      2    315     71       480.0          6.446
   288      2    315     72       480.0          6.265
   289      2    315     73       480.0          6.128
   290      2    315     74       480.0          6.028
   291      2    315     75       480.0          5.957
   292      2    315     76       480.0          5.908

   292 GHB CELLS


                          RECHARGE
READING ON UNIT   18 WITH FORMAT:  (15G11.4)

SOLVING FOR HEAD

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=  1  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,149)   DRY( 42,139)   DRY( 42,140)   DRY( 42,141)   DRY( 42,142)
   DRY( 42,143)   DRY( 42,144)   DRY( 42,145)   DRY( 42,146)   DRY( 42,147)
   DRY( 42,148)   DRY( 42,149)   DRY( 42,150)   DRY( 42,151)   DRY( 42,152)
   DRY( 42,153)   DRY( 42,154)   DRY( 42,155)   DRY( 42,156)   DRY( 42,157)
   DRY( 42,158)   DRY( 42,159)   DRY( 42,160)   DRY( 42,161)   DRY( 42,162)
   DRY( 43,138)   DRY( 43,139)   DRY( 43,140)   DRY( 43,141)   DRY( 43,142)
   DRY( 43,143)   DRY( 43,144)   DRY( 43,145)   DRY( 43,146)   DRY( 43,147)
   DRY( 43,148)   DRY( 43,149)   DRY( 43,150)   DRY( 43,151)   DRY( 43,152)
   DRY( 43,153)   DRY( 43,154)   DRY( 43,155)   DRY( 43,156)   DRY( 43,157)
   DRY( 43,158)   DRY( 43,159)   DRY( 43,160)   DRY( 43,161)   DRY( 43,162)
   DRY( 44,137)   DRY( 44,138)   DRY( 44,139)   DRY( 44,140)   DRY( 44,141)
   DRY( 44,142)   DRY( 44,143)   DRY( 44,144)   DRY( 44,145)   DRY( 44,146)
   DRY( 44,147)   DRY( 44,148)   DRY( 44,149)   DRY( 44,150)   DRY( 44,151)
   DRY( 44,152)   DRY( 44,153)   DRY( 44,154)   DRY( 44,155)   DRY( 44,156)
   DRY( 44,157)   DRY( 44,158)   DRY( 44,159)   DRY( 44,160)   DRY( 44,161)
   DRY( 44,162)   DRY( 44,163)   DRY( 45,136)   DRY( 45,137)   DRY( 45,138)
   DRY( 45,139)   DRY( 45,140)   DRY( 45,141)   DRY( 45,142)   DRY( 45,143)
   DRY( 45,144)   DRY( 45,145)   DRY( 45,146)   DRY( 45,147)   DRY( 45,148)
   DRY( 45,149)   DRY( 45,150)   DRY( 45,151)   DRY( 45,152)   DRY( 45,153)
   DRY( 45,154)   DRY( 45,155)   DRY( 45,156)   DRY( 45,157)   DRY( 45,158)
   DRY( 45,159)   DRY( 45,160)   DRY( 45,161)   DRY( 45,162)   DRY( 45,163)
   DRY( 46,135)   DRY( 46,136)   DRY( 46,137)   DRY( 46,138)   DRY( 46,139)
   DRY( 46,140)   DRY( 46,141)   DRY( 46,142)   DRY( 46,143)   DRY( 46,144)
   DRY( 46,145)   DRY( 46,146)   DRY( 46,147)   DRY( 46,148)   DRY( 46,149)
   DRY( 46,150)   DRY( 46,151)   DRY( 46,152)   DRY( 46,153)   DRY( 46,154)
   DRY( 46,155)   DRY( 46,156)   DRY( 46,157)   DRY( 46,158)   DRY( 46,159)
   DRY( 46,160)   DRY( 46,161)   DRY( 46,162)   DRY( 46,163)   DRY( 47,134)
   DRY( 47,135)   DRY( 47,136)   DRY( 47,137)   DRY( 47,138)   DRY( 47,139)
   DRY( 47,140)   DRY( 47,141)   DRY( 47,142)   DRY( 47,143)   DRY( 47,144)
   DRY( 47,145)   DRY( 47,146)   DRY( 47,147)   DRY( 47,148)   DRY( 47,149)
   DRY( 47,150)   DRY( 47,151)   DRY( 47,152)   DRY( 47,153)   DRY( 47,154)
   DRY( 47,155)   DRY( 47,156)   DRY( 47,157)   DRY( 47,158)   DRY( 47,159)
   DRY( 47,160)   DRY( 47,161)   DRY( 47,162)   DRY( 47,163)   DRY( 48,133)
   DRY( 48,134)   DRY( 48,135)   DRY( 48,136)   DRY( 48,137)   DRY( 48,138)
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DRY(48,139)	DRY(48,140)	DRY(48,141)	DRY(48,142)	DRY(48,143)
DRY(48,144)	DRY(48,145)	DRY(48,146)	DRY(48,147)	DRY(48,148)
DRY(48,149)	DRY(48,150)	DRY(48,151)	DRY(48,152)	DRY(48,153)
DRY(48,154)	DRY(48,155)	DRY(48,156)	DRY(48,157)	DRY(48,158)
DRY(48,159)	DRY(48,160)	DRY(48,161)	DRY(48,162)	DRY(48,163)
DRY(48,164)	DRY(48,201)	DRY(48,212)	DRY(49,131)	DRY(49,132)
DRY(49,133)	DRY(49,134)	DRY(49,135)	DRY(49,136)	DRY(49,137)
DRY(49,138)	DRY(49,139)	DRY(49,140)	DRY(49,141)	DRY(49,142)
DRY(49,143)	DRY(49,144)	DRY(49,145)	DRY(49,146)	DRY(49,147)
DRY(49,148)	DRY(49,149)	DRY(49,150)	DRY(49,151)	DRY(49,152)
DRY(49,153)	DRY(49,154)	DRY(49,155)	DRY(49,156)	DRY(49,157)
DRY(49,158)	DRY(49,159)	DRY(49,160)	DRY(49,161)	DRY(49,162)
DRY(49,163)	DRY(49,164)	DRY(49,182)	DRY(49,183)	DRY(49,184)
DRY(49,185)	DRY(49,186)	DRY(49,187)	DRY(49,188)	DRY(49,189)
DRY(49,190)	DRY(49,191)	DRY(49,192)	DRY(49,193)	DRY(49,194)
DRY(49,195)	DRY(49,196)	DRY(49,197)	DRY(49,198)	DRY(49,199)
DRY(49,200)	DRY(49,201)	DRY(49,202)	DRY(49,203)	DRY(49,212)
DRY(50,129)	DRY(50,130)	DRY(50,131)	DRY(50,132)	DRY(50,133)
DRY(50,134)	DRY(50,135)	DRY(50,136)	DRY(50,137)	DRY(50,138)
DRY(50,139)	DRY(50,140)	DRY(50,141)	DRY(50,142)	DRY(50,143)
DRY(50,144)	DRY(50,145)	DRY(50,146)	DRY(50,147)	DRY(50,148)
DRY(50,149)	DRY(50,150)	DRY(50,151)	DRY(50,152)	DRY(50,153)
DRY(50,154)	DRY(50,155)	DRY(50,156)	DRY(50,157)	DRY(50,158)
DRY(50,159)	DRY(50,160)	DRY(50,161)	DRY(50,162)	DRY(50,163)
DRY(50,164)	DRY(50,176)	DRY(50,177)	DRY(50,178)	DRY(50,179)
DRY(50,180)	DRY(50,181)	DRY(50,182)	DRY(50,183)	DRY(50,184)
DRY(50,185)	DRY(50,186)	DRY(50,187)	DRY(50,188)	DRY(50,189)
DRY(50,190)	DRY(50,191)	DRY(50,192)	DRY(50,193)	DRY(50,194)
DRY(50,195)	DRY(50,196)	DRY(50,197)	DRY(50,198)	DRY(50,199)
DRY(50,200)	DRY(50,201)	DRY(50,202)	DRY(50,203)	DRY(51,127)
DRY(51,128)	DRY(51,129)	DRY(51,130)	DRY(51,131)	DRY(51,132)
DRY(51,133)	DRY(51,134)	DRY(51,135)	DRY(51,136)	DRY(51,137)
DRY(51,138)	DRY(51,139)	DRY(51,140)	DRY(51,141)	DRY(51,142)
DRY(51,143)	DRY(51,144)	DRY(51,145)	DRY(51,146)	DRY(51,147)
DRY(51,148)	DRY(51,149)	DRY(51,150)	DRY(51,151)	DRY(51,152)
DRY(51,153)	DRY(51,154)	DRY(51,155)	DRY(51,156)	DRY(51,157)
DRY(51,158)	DRY(51,159)	DRY(51,160)	DRY(51,161)	DRY(51,162)
DRY(51,163)	DRY(51,164)	DRY(51,171)	DRY(51,172)	DRY(51,173)
DRY(51,174)	DRY(51,175)	DRY(51,176)	DRY(51,177)	DRY(51,178)
DRY(51,179)	DRY(51,180)	DRY(51,181)	DRY(51,182)	DRY(51,183)
DRY(51,184)	DRY(51,185)	DRY(51,186)	DRY(51,187)	DRY(51,188)
DRY(51,189)	DRY(51,190)	DRY(51,191)	DRY(51,192)	DRY(51,193)
DRY(51,194)	DRY(51,195)	DRY(51,196)	DRY(51,197)	DRY(51,198)
DRY(51,199)	DRY(51,200)	DRY(51,201)	DRY(51,202)	DRY(51,203)
DRY(52,125)	DRY(52,126)	DRY(52,127)	DRY(52,128)	DRY(52,129)
DRY(52,130)	DRY(52,131)	DRY(52,132)	DRY(52,133)	DRY(52,134)
DRY(52,135)	DRY(52,136)	DRY(52,137)	DRY(52,138)	DRY(52,139)
DRY(52,140)	DRY(52,141)	DRY(52,142)	DRY(52,143)	DRY(52,144)
DRY(52,145)	DRY(52,146)	DRY(52,147)	DRY(52,148)	DRY(52,149)
DRY(52,150)	DRY(52,151)	DRY(52,152)	DRY(52,153)	DRY(52,154)
DRY(52,155)	DRY(52,156)	DRY(52,157)	DRY(52,158)	DRY(52,159)
DRY(52,160)	DRY(52,161)	DRY(52,162)	DRY(52,163)	DRY(52,164)
DRY(52,170)	DRY(52,171)	DRY(52,172)	DRY(52,173)	DRY(52,174)
DRY(52,175)	DRY(52,176)	DRY(52,177)	DRY(52,178)	DRY(52,179)
DRY(52,180)	DRY(52,181)	DRY(52,182)	DRY(52,183)	DRY(52,184)
DRY(52,185)	DRY(52,186)	DRY(52,187)	DRY(52,188)	DRY(52,189)
DRY(52,190)	DRY(52,191)	DRY(52,192)	DRY(52,193)	DRY(52,194)
DRY(52,195)	DRY(52,196)	DRY(52,197)	DRY(52,198)	DRY(52,199)
DRY(52,200)	DRY(52,201)	DRY(52,202)	DRY(52,203)	DRY(53,125)
DRY(53,126)	DRY(53,127)	DRY(53,128)	DRY(53,129)	DRY(53,130)
DRY(53,131)	DRY(53,132)	DRY(53,133)	DRY(53,134)	DRY(53,135)
DRY(53,136)	DRY(53,137)	DRY(53,138)	DRY(53,139)	DRY(53,140)
DRY(53,141)	DRY(53,142)	DRY(53,143)	DRY(53,144)	DRY(53,145)
DRY(53,146)	DRY(53,147)	DRY(53,148)	DRY(53,149)	DRY(53,150)
DRY(53,151)	DRY(53,152)	DRY(53,153)	DRY(53,154)	DRY(53,155)
DRY(53,156)	DRY(53,157)	DRY(53,158)	DRY(53,159)	DRY(53,160)
DRY(53,161)	DRY(53,162)	DRY(53,163)	DRY(53,164)	DRY(53,165)
DRY(53,169)	DRY(53,170)	DRY(53,171)	DRY(53,172)	DRY(53,173)
DRY(53,174)	DRY(53,175)	DRY(53,176)	DRY(53,177)	DRY(53,178)
DRY(53,179)	DRY(53,180)	DRY(53,181)	DRY(53,182)	DRY(53,183)
DRY(53,184)	DRY(53,185)	DRY(53,186)	DRY(53,187)	DRY(53,188)
DRY(53,189)	DRY(53,190)	DRY(53,191)	DRY(53,192)	DRY(53,193)
DRY(53,194)	DRY(53,195)	DRY(53,196)	DRY(53,197)	DRY(53,198)
DRY(53,199)	DRY(53,200)	DRY(53,201)	DRY(53,202)	DRY(53,203)
DRY(54,123)	DRY(54,124)	DRY(54,125)	DRY(54,126)	DRY(54,127)
DRY(54,128)	DRY(54,129)	DRY(54,130)	DRY(54,131)	DRY(54,132)

DRY(54,133)	DRY(54,134)	DRY(54,135)	DRY(54,136)	DRY(54,137)
DRY(54,138)	DRY(54,139)	DRY(54,140)	DRY(54,141)	DRY(54,142)
DRY(54,143)	DRY(54,144)	DRY(54,145)	DRY(54,146)	DRY(54,147)
DRY(54,148)	DRY(54,149)	DRY(54,150)	DRY(54,151)	DRY(54,152)
DRY(54,153)	DRY(54,154)	DRY(54,155)	DRY(54,156)	DRY(54,157)
DRY(54,158)	DRY(54,159)	DRY(54,160)	DRY(54,161)	DRY(54,162)
DRY(54,163)	DRY(54,164)	DRY(54,165)	DRY(54,169)	DRY(54,170)
DRY(54,171)	DRY(54,172)	DRY(54,173)	DRY(54,174)	DRY(54,175)
DRY(54,176)	DRY(54,177)	DRY(54,178)	DRY(54,179)	DRY(54,180)
DRY(54,181)	DRY(54,182)	DRY(54,183)	DRY(54,184)	DRY(54,185)
DRY(54,186)	DRY(54,187)	DRY(54,188)	DRY(54,189)	DRY(54,190)
DRY(54,191)	DRY(54,192)	DRY(54,193)	DRY(54,194)	DRY(54,195)
DRY(54,196)	DRY(54,197)	DRY(54,198)	DRY(54,199)	DRY(54,200)
DRY(54,201)	DRY(54,202)	DRY(54,203)	DRY(55,123)	DRY(55,124)
DRY(55,125)	DRY(55,126)	DRY(55,127)	DRY(55,128)	DRY(55,129)
DRY(55,130)	DRY(55,131)	DRY(55,132)	DRY(55,133)	DRY(55,134)
DRY(55,135)	DRY(55,136)	DRY(55,137)	DRY(55,138)	DRY(55,139)
DRY(55,140)	DRY(55,141)	DRY(55,142)	DRY(55,143)	DRY(55,144)
DRY(55,145)	DRY(55,146)	DRY(55,147)	DRY(55,148)	DRY(55,149)
DRY(55,150)	DRY(55,151)	DRY(55,152)	DRY(55,153)	DRY(55,154)
DRY(55,155)	DRY(55,156)	DRY(55,157)	DRY(55,158)	DRY(55,159)
DRY(55,160)	DRY(55,161)	DRY(55,162)	DRY(55,163)	DRY(55,164)
DRY(55,165)	DRY(55,168)	DRY(55,169)	DRY(55,170)	DRY(55,171)
DRY(55,172)	DRY(55,173)	DRY(55,174)	DRY(55,175)	DRY(55,176)
DRY(55,177)	DRY(55,178)	DRY(55,179)	DRY(55,180)	DRY(55,181)
DRY(55,182)	DRY(55,183)	DRY(55,184)	DRY(55,185)	DRY(55,186)
DRY(55,187)	DRY(55,188)	DRY(55,189)	DRY(55,190)	DRY(55,191)
DRY(55,192)	DRY(55,193)	DRY(55,194)	DRY(55,195)	DRY(55,196)
DRY(55,197)	DRY(55,198)	DRY(55,199)	DRY(55,200)	DRY(55,201)
DRY(55,202)	DRY(55,203)	DRY(56,122)	DRY(56,123)	DRY(56,124)
DRY(56,125)	DRY(56,126)	DRY(56,127)	DRY(56,128)	DRY(56,129)
DRY(56,130)	DRY(56,131)	DRY(56,132)	DRY(56,133)	DRY(56,134)
DRY(56,135)	DRY(56,136)	DRY(56,137)	DRY(56,138)	DRY(56,139)
DRY(56,140)	DRY(56,141)	DRY(56,142)	DRY(56,143)	DRY(56,144)
DRY(56,145)	DRY(56,146)	DRY(56,147)	DRY(56,148)	DRY(56,149)
DRY(56,150)	DRY(56,151)	DRY(56,152)	DRY(56,153)	DRY(56,154)
DRY(56,155)	DRY(56,156)	DRY(56,157)	DRY(56,158)	DRY(56,159)
DRY(56,160)	DRY(56,161)	DRY(56,162)	DRY(56,163)	DRY(56,164)
DRY(56,165)	DRY(56,168)	DRY(56,169)	DRY(56,170)	DRY(56,171)
DRY(56,172)	DRY(56,173)	DRY(56,174)	DRY(56,175)	DRY(56,176)
DRY(56,177)	DRY(56,178)	DRY(56,179)	DRY(56,180)	DRY(56,181)
DRY(56,182)	DRY(56,183)	DRY(56,184)	DRY(56,185)	DRY(56,186)
DRY(56,187)	DRY(56,188)	DRY(56,189)	DRY(56,190)	DRY(56,191)
DRY(56,192)	DRY(56,193)	DRY(56,194)	DRY(56,195)	DRY(56,196)
DRY(56,197)	DRY(56,198)	DRY(56,199)	DRY(56,200)	DRY(56,201)
DRY(56,202)	DRY(56,203)	DRY(57,120)	DRY(57,121)	DRY(57,122)
DRY(57,123)	DRY(57,124)	DRY(57,125)	DRY(57,126)	DRY(57,127)
DRY(57,128)	DRY(57,129)	DRY(57,130)	DRY(57,131)	DRY(57,132)
DRY(57,133)	DRY(57,134)	DRY(57,135)	DRY(57,136)	DRY(57,137)
DRY(57,138)	DRY(57,139)	DRY(57,140)	DRY(57,141)	DRY(57,142)
DRY(57,143)	DRY(57,144)	DRY(57,145)	DRY(57,146)	DRY(57,147)
DRY(57,148)	DRY(57,149)	DRY(57,150)	DRY(57,151)	DRY(57,152)
DRY(57,153)	DRY(57,154)	DRY(57,155)	DRY(57,156)	DRY(57,157)
DRY(57,158)	DRY(57,159)	DRY(57,160)	DRY(57,161)	DRY(57,162)
DRY(57,163)	DRY(57,164)	DRY(57,165)	DRY(57,166)	DRY(57,168)
DRY(57,169)	DRY(57,170)	DRY(57,171)	DRY(57,172)	DRY(57,173)
DRY(57,174)	DRY(57,175)	DRY(57,176)	DRY(57,177)	DRY(57,178)
DRY(57,179)	DRY(57,180)	DRY(57,181)	DRY(57,182)	DRY(57,183)
DRY(57,184)	DRY(57,185)	DRY(57,186)	DRY(57,187)	DRY(57,188)
DRY(57,189)	DRY(57,190)	DRY(57,191)	DRY(57,192)	DRY(57,193)
DRY(57,194)	DRY(57,195)	DRY(57,196)	DRY(57,197)	DRY(57,198)
DRY(57,199)	DRY(57,200)	DRY(57,201)	DRY(57,202)	DRY(57,203)
DRY(58,118)	DRY(58,119)	DRY(58,120)	DRY(58,121)	DRY(58,122)
DRY(58,123)	DRY(58,124)	DRY(58,125)	DRY(58,126)	DRY(58,127)
DRY(58,128)	DRY(58,129)	DRY(58,130)	DRY(58,131)	DRY(58,132)
DRY(58,133)	DRY(58,134)	DRY(58,135)	DRY(58,136)	DRY(58,137)
DRY(58,138)	DRY(58,139)	DRY(58,140)	DRY(58,141)	DRY(58,142)
DRY(58,143)	DRY(58,144)	DRY(58,145)	DRY(58,146)	DRY(58,147)
DRY(58,148)	DRY(58,149)	DRY(58,150)	DRY(58,151)	DRY(58,152)
DRY(58,153)	DRY(58,154)	DRY(58,155)	DRY(58,156)	DRY(58,157)
DRY(58,158)	DRY(58,159)	DRY(58,160)	DRY(58,161)	DRY(58,162)
DRY(58,163)	DRY(58,164)	DRY(58,165)	DRY(58,166)	DRY(58,167)
DRY(58,168)	DRY(58,169)	DRY(58,170)	DRY(58,171)	DRY(58,172)
DRY(58,173)	DRY(58,174)	DRY(58,175)	DRY(58,176)	DRY(58,177)
DRY(58,178)	DRY(58,179)	DRY(58,180)	DRY(58,181)	DRY(58,182)
DRY(58,183)	DRY(58,184)	DRY(58,185)	DRY(58,186)	DRY(58,187)

DRY(58,188)	DRY(58,189)	DRY(58,190)	DRY(58,191)	DRY(58,192)
DRY(58,193)	DRY(58,194)	DRY(58,195)	DRY(58,196)	DRY(58,197)
DRY(58,198)	DRY(58,199)	DRY(58,200)	DRY(58,201)	DRY(58,202)
DRY(58,203)	DRY(59,117)	DRY(59,118)	DRY(59,119)	DRY(59,120)
DRY(59,121)	DRY(59,122)	DRY(59,123)	DRY(59,124)	DRY(59,125)
DRY(59,126)	DRY(59,127)	DRY(59,128)	DRY(59,129)	DRY(59,130)
DRY(59,131)	DRY(59,132)	DRY(59,133)	DRY(59,134)	DRY(59,135)
DRY(59,136)	DRY(59,137)	DRY(59,138)	DRY(59,139)	DRY(59,140)
DRY(59,141)	DRY(59,142)	DRY(59,143)	DRY(59,144)	DRY(59,145)
DRY(59,146)	DRY(59,147)	DRY(59,148)	DRY(59,149)	DRY(59,150)
DRY(59,151)	DRY(59,152)	DRY(59,153)	DRY(59,154)	DRY(59,155)
DRY(59,156)	DRY(59,157)	DRY(59,158)	DRY(59,159)	DRY(59,160)
DRY(59,161)	DRY(59,162)	DRY(59,163)	DRY(59,164)	DRY(59,165)
DRY(59,166)	DRY(59,167)	DRY(59,168)	DRY(59,169)	DRY(59,170)
DRY(59,171)	DRY(59,172)	DRY(59,173)	DRY(59,174)	DRY(59,175)
DRY(59,176)	DRY(59,177)	DRY(59,178)	DRY(59,179)	DRY(59,180)
DRY(59,181)	DRY(59,182)	DRY(59,183)	DRY(59,184)	DRY(59,185)
DRY(59,186)	DRY(59,187)	DRY(59,188)	DRY(59,189)	DRY(59,190)
DRY(59,191)	DRY(59,192)	DRY(59,193)	DRY(59,194)	DRY(59,195)
DRY(59,196)	DRY(59,197)	DRY(59,198)	DRY(59,199)	DRY(59,200)
DRY(59,201)	DRY(59,202)	DRY(59,203)	DRY(60,117)	DRY(60,118)
DRY(60,119)	DRY(60,120)	DRY(60,121)	DRY(60,122)	DRY(60,123)
DRY(60,124)	DRY(60,125)	DRY(60,126)	DRY(60,127)	DRY(60,128)
DRY(60,129)	DRY(60,130)	DRY(60,131)	DRY(60,132)	DRY(60,133)
DRY(60,134)	DRY(60,135)	DRY(60,136)	DRY(60,137)	DRY(60,138)
DRY(60,139)	DRY(60,140)	DRY(60,141)	DRY(60,142)	DRY(60,143)
DRY(60,144)	DRY(60,145)	DRY(60,146)	DRY(60,147)	DRY(60,148)
DRY(60,149)	DRY(60,150)	DRY(60,151)	DRY(60,152)	DRY(60,153)
DRY(60,154)	DRY(60,155)	DRY(60,156)	DRY(60,157)	DRY(60,158)
DRY(60,159)	DRY(60,160)	DRY(60,161)	DRY(60,162)	DRY(60,163)
DRY(60,164)	DRY(60,165)	DRY(60,166)	DRY(60,167)	DRY(60,168)
DRY(60,169)	DRY(60,170)	DRY(60,171)	DRY(60,172)	DRY(60,173)
DRY(60,174)	DRY(60,175)	DRY(60,176)	DRY(60,177)	DRY(60,178)
DRY(60,179)	DRY(60,180)	DRY(60,181)	DRY(60,182)	DRY(60,183)
DRY(60,184)	DRY(60,185)	DRY(60,186)	DRY(60,187)	DRY(60,188)
DRY(60,189)	DRY(60,190)	DRY(60,191)	DRY(60,192)	DRY(60,193)
DRY(60,194)	DRY(60,195)	DRY(60,196)	DRY(60,197)	DRY(60,198)
DRY(60,199)	DRY(60,200)	DRY(60,201)	DRY(60,202)	DRY(60,203)
DRY(61,115)	DRY(61,116)	DRY(61,117)	DRY(61,118)	DRY(61,119)
DRY(61,120)	DRY(61,121)	DRY(61,122)	DRY(61,123)	DRY(61,124)
DRY(61,125)	DRY(61,126)	DRY(61,127)	DRY(61,128)	DRY(61,129)
DRY(61,130)	DRY(61,131)	DRY(61,132)	DRY(61,133)	DRY(61,134)
DRY(61,135)	DRY(61,136)	DRY(61,137)	DRY(61,138)	DRY(61,139)
DRY(61,140)	DRY(61,141)	DRY(61,142)	DRY(61,143)	DRY(61,144)
DRY(61,145)	DRY(61,146)	DRY(61,147)	DRY(61,148)	DRY(61,149)
DRY(61,150)	DRY(61,151)	DRY(61,152)	DRY(61,153)	DRY(61,154)
DRY(61,155)	DRY(61,156)	DRY(61,157)	DRY(61,158)	DRY(61,159)
DRY(61,160)	DRY(61,161)	DRY(61,162)	DRY(61,163)	DRY(61,164)
DRY(61,165)	DRY(61,166)	DRY(61,167)	DRY(61,168)	DRY(61,169)
DRY(61,170)	DRY(61,171)	DRY(61,172)	DRY(61,173)	DRY(61,174)
DRY(61,175)	DRY(61,176)	DRY(61,177)	DRY(61,178)	DRY(61,179)
DRY(61,180)	DRY(61,181)	DRY(61,182)	DRY(61,183)	DRY(61,184)
DRY(61,185)	DRY(61,186)	DRY(61,187)	DRY(61,188)	DRY(61,189)
DRY(61,190)	DRY(61,191)	DRY(61,192)	DRY(61,193)	DRY(61,194)
DRY(61,195)	DRY(61,196)	DRY(61,197)	DRY(61,198)	DRY(61,199)
DRY(61,200)	DRY(61,201)	DRY(61,202)	DRY(61,203)	DRY(62,113)
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DRY(62,124)	DRY(62,125)	DRY(62,126)	DRY(62,127)	DRY(62,128)
DRY(62,129)	DRY(62,130)	DRY(62,131)	DRY(62,132)	DRY(62,133)
DRY(62,134)	DRY(62,135)	DRY(62,136)	DRY(62,137)	DRY(62,138)
DRY(62,139)	DRY(62,140)	DRY(62,141)	DRY(62,142)	DRY(62,143)
DRY(62,144)	DRY(62,145)	DRY(62,146)	DRY(62,147)	DRY(62,148)
DRY(62,149)	DRY(62,150)	DRY(62,151)	DRY(62,152)	DRY(62,153)
DRY(62,154)	DRY(62,155)	DRY(62,156)	DRY(62,157)	DRY(62,158)
DRY(62,159)	DRY(62,160)	DRY(62,161)	DRY(62,162)	DRY(62,163)
DRY(62,164)	DRY(62,165)	DRY(62,166)	DRY(62,167)	DRY(62,168)
DRY(62,169)	DRY(62,170)	DRY(62,171)	DRY(62,172)	DRY(62,173)
DRY(62,174)	DRY(62,175)	DRY(62,176)	DRY(62,177)	DRY(62,178)
DRY(62,179)	DRY(62,180)	DRY(62,181)	DRY(62,182)	DRY(62,183)
DRY(62,184)	DRY(62,185)	DRY(62,186)	DRY(62,187)	DRY(62,188)
DRY(62,189)	DRY(62,190)	DRY(62,191)	DRY(62,192)	DRY(62,193)
DRY(62,194)	DRY(62,195)	DRY(62,196)	DRY(62,197)	DRY(62,198)
DRY(62,199)	DRY(62,200)	DRY(62,201)	DRY(62,202)	DRY(62,203)
DRY(63,112)	DRY(63,113)	DRY(63,114)	DRY(63,115)	DRY(63,116)
DRY(63,117)	DRY(63,118)	DRY(63,119)	DRY(63,120)	DRY(63,121)

DRY(63,122)	DRY(63,123)	DRY(63,124)	DRY(63,125)	DRY(63,126)
DRY(63,127)	DRY(63,128)	DRY(63,129)	DRY(63,130)	DRY(63,131)
DRY(63,132)	DRY(63,133)	DRY(63,134)	DRY(63,135)	DRY(63,136)
DRY(63,137)	DRY(63,138)	DRY(63,139)	DRY(63,140)	DRY(63,141)
DRY(63,142)	DRY(63,143)	DRY(63,144)	DRY(63,145)	DRY(63,146)
DRY(63,147)	DRY(63,148)	DRY(63,149)	DRY(63,150)	DRY(63,151)
DRY(63,152)	DRY(63,153)	DRY(63,154)	DRY(63,155)	DRY(63,156)
DRY(63,157)	DRY(63,158)	DRY(63,159)	DRY(63,160)	DRY(63,161)
DRY(63,162)	DRY(63,163)	DRY(63,164)	DRY(63,165)	DRY(63,166)
DRY(63,167)	DRY(63,168)	DRY(63,169)	DRY(63,170)	DRY(63,171)
DRY(63,172)	DRY(63,173)	DRY(63,174)	DRY(63,175)	DRY(63,176)
DRY(63,177)	DRY(63,178)	DRY(63,179)	DRY(63,180)	DRY(63,181)
DRY(63,182)	DRY(63,183)	DRY(63,184)	DRY(63,185)	DRY(63,186)
DRY(63,187)	DRY(63,188)	DRY(63,189)	DRY(63,190)	DRY(63,191)
DRY(63,192)	DRY(63,193)	DRY(63,194)	DRY(63,195)	DRY(63,196)
DRY(63,197)	DRY(63,198)	DRY(63,199)	DRY(63,200)	DRY(63,201)
DRY(63,202)	DRY(63,203)	DRY(64,111)	DRY(64,112)	DRY(64,113)
DRY(64,114)	DRY(64,115)	DRY(64,116)	DRY(64,117)	DRY(64,118)
DRY(64,119)	DRY(64,120)	DRY(64,121)	DRY(64,122)	DRY(64,123)
DRY(64,124)	DRY(64,125)	DRY(64,126)	DRY(64,127)	DRY(64,128)
DRY(64,129)	DRY(64,130)	DRY(64,131)	DRY(64,132)	DRY(64,133)
DRY(64,134)	DRY(64,135)	DRY(64,136)	DRY(64,137)	DRY(64,138)
DRY(64,139)	DRY(64,140)	DRY(64,141)	DRY(64,142)	DRY(64,143)
DRY(64,144)	DRY(64,145)	DRY(64,146)	DRY(64,147)	DRY(64,148)
DRY(64,149)	DRY(64,150)	DRY(64,151)	DRY(64,152)	DRY(64,153)
DRY(64,154)	DRY(64,155)	DRY(64,156)	DRY(64,157)	DRY(64,158)
DRY(64,159)	DRY(64,160)	DRY(64,161)	DRY(64,162)	DRY(64,163)
DRY(64,164)	DRY(64,165)	DRY(64,166)	DRY(64,167)	DRY(64,168)
DRY(64,169)	DRY(64,170)	DRY(64,171)	DRY(64,172)	DRY(64,173)
DRY(64,174)	DRY(64,175)	DRY(64,176)	DRY(64,177)	DRY(64,178)
DRY(64,179)	DRY(64,180)	DRY(64,181)	DRY(64,182)	DRY(64,183)
DRY(64,184)	DRY(64,185)	DRY(64,186)	DRY(64,187)	DRY(64,188)
DRY(64,189)	DRY(64,190)	DRY(64,191)	DRY(64,192)	DRY(64,193)
DRY(64,194)	DRY(64,195)	DRY(64,196)	DRY(64,197)	DRY(64,198)
DRY(64,199)	DRY(64,200)	DRY(64,201)	DRY(64,202)	DRY(64,203)
DRY(65,110)	DRY(65,111)	DRY(65,112)	DRY(65,113)	DRY(65,114)
DRY(65,115)	DRY(65,116)	DRY(65,117)	DRY(65,118)	DRY(65,119)
DRY(65,120)	DRY(65,121)	DRY(65,122)	DRY(65,123)	DRY(65,124)
DRY(65,125)	DRY(65,126)	DRY(65,127)	DRY(65,128)	DRY(65,129)
DRY(65,130)	DRY(65,131)	DRY(65,132)	DRY(65,133)	DRY(65,134)
DRY(65,135)	DRY(65,136)	DRY(65,137)	DRY(65,138)	DRY(65,139)
DRY(65,140)	DRY(65,141)	DRY(65,142)	DRY(65,143)	DRY(65,144)
DRY(65,145)	DRY(65,146)	DRY(65,147)	DRY(65,148)	DRY(65,149)
DRY(65,150)	DRY(65,151)	DRY(65,152)	DRY(65,153)	DRY(65,154)
DRY(65,155)	DRY(65,156)	DRY(65,157)	DRY(65,158)	DRY(65,159)
DRY(65,160)	DRY(65,161)	DRY(65,162)	DRY(65,163)	DRY(65,164)
DRY(65,165)	DRY(65,166)	DRY(65,167)	DRY(65,168)	DRY(65,169)
DRY(65,170)	DRY(65,171)	DRY(65,172)	DRY(65,173)	DRY(65,174)
DRY(65,175)	DRY(65,176)	DRY(65,177)	DRY(65,178)	DRY(65,179)
DRY(65,180)	DRY(65,181)	DRY(65,182)	DRY(65,183)	DRY(65,184)
DRY(65,185)	DRY(65,186)	DRY(65,187)	DRY(65,188)	DRY(65,189)
DRY(65,190)	DRY(65,191)	DRY(65,192)	DRY(65,193)	DRY(65,194)
DRY(65,195)	DRY(65,196)	DRY(65,197)	DRY(65,198)	DRY(65,199)
DRY(65,200)	DRY(65,201)	DRY(65,202)	DRY(65,203)	DRY(66,109)
DRY(66,110)	DRY(66,111)	DRY(66,112)	DRY(66,113)	DRY(66,114)
DRY(66,115)	DRY(66,116)	DRY(66,117)	DRY(66,118)	DRY(66,119)
DRY(66,120)	DRY(66,121)	DRY(66,122)	DRY(66,123)	DRY(66,124)
DRY(66,125)	DRY(66,126)	DRY(66,127)	DRY(66,128)	DRY(66,129)
DRY(66,130)	DRY(66,131)	DRY(66,132)	DRY(66,133)	DRY(66,134)
DRY(66,135)	DRY(66,136)	DRY(66,137)	DRY(66,138)	DRY(66,139)
DRY(66,140)	DRY(66,141)	DRY(66,142)	DRY(66,143)	DRY(66,144)
DRY(66,145)	DRY(66,146)	DRY(66,147)	DRY(66,148)	DRY(66,149)
DRY(66,150)	DRY(66,151)	DRY(66,152)	DRY(66,153)	DRY(66,154)
DRY(66,155)	DRY(66,156)	DRY(66,157)	DRY(66,158)	DRY(66,159)
DRY(66,160)	DRY(66,161)	DRY(66,162)	DRY(66,163)	DRY(66,164)
DRY(66,165)	DRY(66,166)	DRY(66,167)	DRY(66,168)	DRY(66,169)
DRY(66,170)	DRY(66,171)	DRY(66,172)	DRY(66,173)	DRY(66,174)
DRY(66,175)	DRY(66,176)	DRY(66,177)	DRY(66,178)	DRY(66,179)
DRY(66,180)	DRY(66,181)	DRY(66,182)	DRY(66,183)	DRY(66,184)
DRY(66,185)	DRY(66,186)	DRY(66,187)	DRY(66,188)	DRY(66,189)
DRY(66,190)	DRY(66,191)	DRY(66,192)	DRY(66,193)	DRY(66,194)
DRY(66,195)	DRY(66,196)	DRY(66,197)	DRY(66,198)	DRY(66,199)
DRY(66,200)	DRY(66,201)	DRY(66,202)	DRY(66,203)	DRY(67,108)
DRY(67,109)	DRY(67,110)	DRY(67,111)	DRY(67,112)	DRY(67,113)
DRY(67,114)	DRY(67,115)	DRY(67,116)	DRY(67,117)	DRY(67,118)
DRY(67,119)	DRY(67,120)	DRY(67,121)	DRY(67,122)	DRY(67,123)

DRY(67,124)	DRY(67,125)	DRY(67,126)	DRY(67,127)	DRY(67,128)
DRY(67,129)	DRY(67,130)	DRY(67,131)	DRY(67,132)	DRY(67,133)
DRY(67,134)	DRY(67,135)	DRY(67,136)	DRY(67,137)	DRY(67,138)
DRY(67,139)	DRY(67,140)	DRY(67,141)	DRY(67,142)	DRY(67,143)
DRY(67,144)	DRY(67,145)	DRY(67,146)	DRY(67,147)	DRY(67,148)
DRY(67,149)	DRY(67,150)	DRY(67,151)	DRY(67,152)	DRY(67,153)
DRY(67,154)	DRY(67,155)	DRY(67,156)	DRY(67,157)	DRY(67,158)
DRY(67,159)	DRY(67,160)	DRY(67,161)	DRY(67,162)	DRY(67,163)
DRY(67,164)	DRY(67,165)	DRY(67,166)	DRY(67,167)	DRY(67,168)
DRY(67,169)	DRY(67,170)	DRY(67,171)	DRY(67,172)	DRY(67,173)
DRY(67,174)	DRY(67,175)	DRY(67,176)	DRY(67,177)	DRY(67,178)
DRY(67,179)	DRY(67,180)	DRY(67,181)	DRY(67,182)	DRY(67,183)
DRY(67,184)	DRY(67,185)	DRY(67,186)	DRY(67,187)	DRY(67,188)
DRY(67,189)	DRY(67,190)	DRY(67,191)	DRY(67,192)	DRY(67,193)
DRY(67,194)	DRY(67,195)	DRY(67,196)	DRY(67,197)	DRY(67,198)
DRY(67,199)	DRY(67,200)	DRY(67,201)	DRY(67,202)	DRY(67,203)
DRY(68,107)	DRY(68,108)	DRY(68,109)	DRY(68,110)	DRY(68,111)
DRY(68,112)	DRY(68,113)	DRY(68,114)	DRY(68,115)	DRY(68,116)
DRY(68,117)	DRY(68,118)	DRY(68,119)	DRY(68,120)	DRY(68,121)
DRY(68,122)	DRY(68,123)	DRY(68,124)	DRY(68,125)	DRY(68,126)
DRY(68,127)	DRY(68,128)	DRY(68,129)	DRY(68,130)	DRY(68,131)
DRY(68,132)	DRY(68,133)	DRY(68,134)	DRY(68,135)	DRY(68,136)
DRY(68,137)	DRY(68,138)	DRY(68,139)	DRY(68,140)	DRY(68,141)
DRY(68,142)	DRY(68,143)	DRY(68,144)	DRY(68,145)	DRY(68,146)
DRY(68,147)	DRY(68,148)	DRY(68,149)	DRY(68,150)	DRY(68,151)
DRY(68,152)	DRY(68,153)	DRY(68,154)	DRY(68,155)	DRY(68,156)
DRY(68,157)	DRY(68,158)	DRY(68,159)	DRY(68,160)	DRY(68,161)
DRY(68,162)	DRY(68,163)	DRY(68,164)	DRY(68,165)	DRY(68,166)
DRY(68,167)	DRY(68,168)	DRY(68,169)	DRY(68,170)	DRY(68,171)
DRY(68,172)	DRY(68,173)	DRY(68,174)	DRY(68,175)	DRY(68,176)
DRY(68,177)	DRY(68,178)	DRY(68,179)	DRY(68,180)	DRY(68,181)
DRY(68,182)	DRY(68,183)	DRY(68,184)	DRY(68,185)	DRY(68,186)
DRY(68,187)	DRY(68,188)	DRY(68,189)	DRY(68,190)	DRY(68,191)
DRY(68,192)	DRY(68,193)	DRY(68,194)	DRY(68,195)	DRY(68,196)
DRY(68,197)	DRY(68,198)	DRY(68,199)	DRY(68,200)	DRY(68,201)
DRY(68,202)	DRY(68,203)	DRY(69,107)	DRY(69,108)	DRY(69,109)
DRY(69,110)	DRY(69,111)	DRY(69,112)	DRY(69,113)	DRY(69,114)
DRY(69,115)	DRY(69,116)	DRY(69,117)	DRY(69,118)	DRY(69,119)
DRY(69,120)	DRY(69,121)	DRY(69,122)	DRY(69,123)	DRY(69,124)
DRY(69,125)	DRY(69,126)	DRY(69,127)	DRY(69,128)	DRY(69,129)
DRY(69,130)	DRY(69,131)	DRY(69,132)	DRY(69,133)	DRY(69,134)
DRY(69,135)	DRY(69,136)	DRY(69,137)	DRY(69,138)	DRY(69,139)
DRY(69,140)	DRY(69,141)	DRY(69,142)	DRY(69,143)	DRY(69,144)
DRY(69,145)	DRY(69,146)	DRY(69,147)	DRY(69,148)	DRY(69,149)
DRY(69,150)	DRY(69,151)	DRY(69,152)	DRY(69,153)	DRY(69,154)
DRY(69,155)	DRY(69,156)	DRY(69,157)	DRY(69,158)	DRY(69,159)
DRY(69,160)	DRY(69,161)	DRY(69,162)	DRY(69,163)	DRY(69,164)
DRY(69,165)	DRY(69,166)	DRY(69,167)	DRY(69,168)	DRY(69,169)
DRY(69,170)	DRY(69,171)	DRY(69,172)	DRY(69,173)	DRY(69,174)
DRY(69,175)	DRY(69,176)	DRY(69,177)	DRY(69,178)	DRY(69,179)
DRY(69,180)	DRY(69,181)	DRY(69,182)	DRY(69,183)	DRY(69,184)
DRY(69,185)	DRY(69,186)	DRY(69,187)	DRY(69,188)	DRY(69,189)
DRY(69,190)	DRY(69,191)	DRY(69,192)	DRY(69,193)	DRY(69,194)
DRY(69,195)	DRY(69,196)	DRY(69,197)	DRY(69,198)	DRY(69,199)
DRY(69,200)	DRY(69,201)	DRY(69,202)	DRY(69,203)	DRY(70,106)
DRY(70,107)	DRY(70,108)	DRY(70,109)	DRY(70,110)	DRY(70,111)
DRY(70,112)	DRY(70,113)	DRY(70,114)	DRY(70,115)	DRY(70,116)
DRY(70,117)	DRY(70,118)	DRY(70,119)	DRY(70,120)	DRY(70,121)
DRY(70,122)	DRY(70,123)	DRY(70,124)	DRY(70,125)	DRY(70,126)
DRY(70,127)	DRY(70,128)	DRY(70,129)	DRY(70,130)	DRY(70,131)
DRY(70,132)	DRY(70,133)	DRY(70,134)	DRY(70,135)	DRY(70,136)
DRY(70,137)	DRY(70,138)	DRY(70,139)	DRY(70,140)	DRY(70,141)
DRY(70,142)	DRY(70,143)	DRY(70,144)	DRY(70,145)	DRY(70,146)
DRY(70,147)	DRY(70,148)	DRY(70,149)	DRY(70,150)	DRY(70,151)
DRY(70,152)	DRY(70,153)	DRY(70,154)	DRY(70,155)	DRY(70,156)
DRY(70,157)	DRY(70,158)	DRY(70,159)	DRY(70,160)	DRY(70,161)
DRY(70,162)	DRY(70,163)	DRY(70,164)	DRY(70,165)	DRY(70,166)
DRY(70,167)	DRY(70,168)	DRY(70,169)	DRY(70,170)	DRY(70,171)
DRY(70,172)	DRY(70,173)	DRY(70,174)	DRY(70,175)	DRY(70,176)
DRY(70,177)	DRY(70,178)	DRY(70,179)	DRY(70,180)	DRY(70,181)
DRY(70,182)	DRY(70,183)	DRY(70,184)	DRY(70,185)	DRY(70,186)
DRY(70,187)	DRY(70,188)	DRY(70,189)	DRY(70,190)	DRY(70,191)
DRY(70,192)	DRY(70,193)	DRY(70,194)	DRY(70,195)	DRY(70,196)
DRY(70,197)	DRY(70,198)	DRY(70,199)	DRY(70,200)	DRY(70,201)
DRY(70,202)	DRY(70,203)	DRY(71,105)	DRY(71,106)	DRY(71,107)
DRY(71,108)	DRY(71,109)	DRY(71,110)	DRY(71,111)	DRY(71,112)

DRY(71,113)	DRY(71,114)	DRY(71,115)	DRY(71,116)	DRY(71,117)
DRY(71,118)	DRY(71,119)	DRY(71,120)	DRY(71,121)	DRY(71,122)
DRY(71,123)	DRY(71,124)	DRY(71,125)	DRY(71,126)	DRY(71,127)
DRY(71,128)	DRY(71,129)	DRY(71,130)	DRY(71,131)	DRY(71,132)
DRY(71,133)	DRY(71,134)	DRY(71,135)	DRY(71,136)	DRY(71,137)
DRY(71,138)	DRY(71,139)	DRY(71,140)	DRY(71,141)	DRY(71,142)
DRY(71,143)	DRY(71,144)	DRY(71,145)	DRY(71,146)	DRY(71,147)
DRY(71,148)	DRY(71,149)	DRY(71,150)	DRY(71,151)	DRY(71,152)
DRY(71,153)	DRY(71,154)	DRY(71,155)	DRY(71,156)	DRY(71,157)
DRY(71,158)	DRY(71,159)	DRY(71,160)	DRY(71,161)	DRY(71,162)
DRY(71,163)	DRY(71,164)	DRY(71,165)	DRY(71,166)	DRY(71,167)
DRY(71,168)	DRY(71,169)	DRY(71,170)	DRY(71,171)	DRY(71,172)
DRY(71,173)	DRY(71,174)	DRY(71,175)	DRY(71,176)	DRY(71,177)
DRY(71,178)	DRY(71,179)	DRY(71,180)	DRY(71,181)	DRY(71,182)
DRY(71,183)	DRY(71,184)	DRY(71,185)	DRY(71,186)	DRY(71,187)
DRY(71,188)	DRY(71,189)	DRY(71,190)	DRY(71,191)	DRY(71,192)
DRY(71,193)	DRY(71,194)	DRY(71,195)	DRY(71,196)	DRY(71,197)
DRY(71,198)	DRY(71,199)	DRY(71,200)	DRY(71,201)	DRY(71,202)
DRY(71,203)	DRY(72,105)	DRY(72,106)	DRY(72,107)	DRY(72,108)
DRY(72,109)	DRY(72,110)	DRY(72,111)	DRY(72,112)	DRY(72,113)
DRY(72,114)	DRY(72,115)	DRY(72,116)	DRY(72,117)	DRY(72,118)
DRY(72,119)	DRY(72,120)	DRY(72,121)	DRY(72,122)	DRY(72,123)
DRY(72,124)	DRY(72,125)	DRY(72,126)	DRY(72,127)	DRY(72,128)
DRY(72,129)	DRY(72,130)	DRY(72,131)	DRY(72,132)	DRY(72,133)
DRY(72,134)	DRY(72,135)	DRY(72,136)	DRY(72,137)	DRY(72,138)
DRY(72,139)	DRY(72,140)	DRY(72,141)	DRY(72,142)	DRY(72,143)
DRY(72,144)	DRY(72,145)	DRY(72,146)	DRY(72,147)	DRY(72,148)
DRY(72,149)	DRY(72,150)	DRY(72,151)	DRY(72,152)	DRY(72,153)
DRY(72,154)	DRY(72,155)	DRY(72,156)	DRY(72,157)	DRY(72,159)
DRY(72,160)	DRY(72,161)	DRY(72,162)	DRY(72,163)	DRY(72,164)
DRY(72,165)	DRY(72,166)	DRY(72,167)	DRY(72,168)	DRY(72,169)
DRY(72,170)	DRY(72,171)	DRY(72,172)	DRY(72,173)	DRY(72,174)
DRY(72,175)	DRY(72,176)	DRY(72,177)	DRY(72,178)	DRY(72,179)
DRY(72,180)	DRY(72,181)	DRY(72,182)	DRY(72,183)	DRY(72,184)
DRY(72,185)	DRY(72,186)	DRY(72,187)	DRY(72,188)	DRY(72,189)
DRY(72,190)	DRY(72,191)	DRY(72,192)	DRY(72,193)	DRY(72,194)
DRY(72,195)	DRY(72,196)	DRY(72,197)	DRY(72,198)	DRY(72,199)
DRY(72,200)	DRY(72,201)	DRY(72,202)	DRY(72,203)	DRY(73,104)
DRY(73,105)	DRY(73,106)	DRY(73,107)	DRY(73,108)	DRY(73,109)
DRY(73,110)	DRY(73,111)	DRY(73,112)	DRY(73,113)	DRY(73,114)
DRY(73,115)	DRY(73,116)	DRY(73,117)	DRY(73,118)	DRY(73,119)
DRY(73,120)	DRY(73,121)	DRY(73,122)	DRY(73,123)	DRY(73,124)
DRY(73,125)	DRY(73,126)	DRY(73,127)	DRY(73,128)	DRY(73,129)
DRY(73,130)	DRY(73,131)	DRY(73,132)	DRY(73,133)	DRY(73,134)
DRY(73,135)	DRY(73,136)	DRY(73,137)	DRY(73,138)	DRY(73,139)
DRY(73,140)	DRY(73,141)	DRY(73,142)	DRY(73,143)	DRY(73,144)
DRY(73,145)	DRY(73,146)	DRY(73,147)	DRY(73,148)	DRY(73,149)
DRY(73,150)	DRY(73,151)	DRY(73,152)	DRY(73,153)	DRY(73,154)
DRY(73,155)	DRY(73,156)	DRY(73,157)	DRY(73,159)	DRY(73,160)
DRY(73,161)	DRY(73,162)	DRY(73,163)	DRY(73,164)	DRY(73,165)
DRY(73,166)	DRY(73,167)	DRY(73,168)	DRY(73,169)	DRY(73,170)
DRY(73,171)	DRY(73,172)	DRY(73,173)	DRY(73,174)	DRY(73,175)
DRY(73,176)	DRY(73,177)	DRY(73,178)	DRY(73,179)	DRY(73,180)
DRY(73,181)	DRY(73,182)	DRY(73,183)	DRY(73,184)	DRY(73,185)
DRY(73,186)	DRY(73,187)	DRY(73,188)	DRY(73,189)	DRY(73,190)
DRY(73,191)	DRY(73,192)	DRY(73,193)	DRY(73,194)	DRY(73,195)
DRY(73,196)	DRY(73,197)	DRY(73,198)	DRY(73,199)	DRY(73,200)
DRY(73,201)	DRY(73,202)	DRY(73,203)	DRY(74,104)	DRY(74,105)
DRY(74,106)	DRY(74,107)	DRY(74,108)	DRY(74,109)	DRY(74,110)
DRY(74,111)	DRY(74,112)	DRY(74,113)	DRY(74,114)	DRY(74,115)
DRY(74,116)	DRY(74,117)	DRY(74,118)	DRY(74,119)	DRY(74,120)
DRY(74,121)	DRY(74,122)	DRY(74,123)	DRY(74,124)	DRY(74,125)
DRY(74,126)	DRY(74,127)	DRY(74,128)	DRY(74,129)	DRY(74,130)
DRY(74,131)	DRY(74,132)	DRY(74,133)	DRY(74,134)	DRY(74,135)
DRY(74,136)	DRY(74,137)	DRY(74,138)	DRY(74,139)	DRY(74,140)
DRY(74,141)	DRY(74,142)	DRY(74,143)	DRY(74,144)	DRY(74,145)
DRY(74,146)	DRY(74,147)	DRY(74,148)	DRY(74,149)	DRY(74,150)
DRY(74,151)	DRY(74,152)	DRY(74,153)	DRY(74,154)	DRY(74,155)
DRY(74,156)	DRY(74,157)	DRY(74,159)	DRY(74,160)	DRY(74,161)
DRY(74,162)	DRY(74,163)	DRY(74,164)	DRY(74,165)	DRY(74,166)
DRY(74,167)	DRY(74,168)	DRY(74,169)	DRY(74,170)	DRY(74,171)
DRY(74,172)	DRY(74,173)	DRY(74,174)	DRY(74,175)	DRY(74,176)
DRY(74,177)	DRY(74,178)	DRY(74,179)	DRY(74,180)	DRY(74,181)
DRY(74,182)	DRY(74,183)	DRY(74,184)	DRY(74,185)	DRY(74,186)
DRY(74,187)	DRY(74,188)	DRY(74,189)	DRY(74,190)	DRY(74,191)
DRY(74,192)	DRY(74,193)	DRY(74,194)	DRY(74,195)	DRY(74,196)

DRY(74,197)	DRY(74,198)	DRY(74,199)	DRY(74,200)	DRY(74,201)
DRY(74,202)	DRY(74,203)	DRY(75,104)	DRY(75,105)	DRY(75,106)
DRY(75,107)	DRY(75,108)	DRY(75,109)	DRY(75,110)	DRY(75,111)
DRY(75,112)	DRY(75,113)	DRY(75,114)	DRY(75,115)	DRY(75,116)
DRY(75,117)	DRY(75,118)	DRY(75,119)	DRY(75,120)	DRY(75,121)
DRY(75,122)	DRY(75,123)	DRY(75,124)	DRY(75,125)	DRY(75,126)
DRY(75,127)	DRY(75,128)	DRY(75,129)	DRY(75,130)	DRY(75,131)
DRY(75,132)	DRY(75,133)	DRY(75,134)	DRY(75,135)	DRY(75,136)
DRY(75,137)	DRY(75,138)	DRY(75,139)	DRY(75,140)	DRY(75,141)
DRY(75,142)	DRY(75,143)	DRY(75,144)	DRY(75,145)	DRY(75,146)
DRY(75,147)	DRY(75,148)	DRY(75,149)	DRY(75,150)	DRY(75,151)
DRY(75,152)	DRY(75,153)	DRY(75,154)	DRY(75,155)	DRY(75,156)
DRY(75,157)	DRY(75,160)	DRY(75,161)	DRY(75,162)	DRY(75,163)
DRY(75,164)	DRY(75,165)	DRY(75,166)	DRY(75,168)	DRY(75,169)
DRY(75,170)	DRY(75,171)	DRY(75,172)	DRY(75,173)	DRY(75,174)
DRY(75,175)	DRY(75,176)	DRY(75,177)	DRY(75,178)	DRY(75,179)
DRY(75,180)	DRY(75,181)	DRY(75,182)	DRY(75,183)	DRY(75,184)
DRY(75,185)	DRY(75,186)	DRY(75,187)	DRY(75,188)	DRY(75,189)
DRY(75,190)	DRY(75,191)	DRY(75,192)	DRY(75,193)	DRY(75,194)
DRY(75,195)	DRY(75,196)	DRY(75,197)	DRY(75,198)	DRY(75,199)
DRY(75,200)	DRY(75,201)	DRY(75,202)	DRY(75,203)	DRY(76,103)
DRY(76,104)	DRY(76,105)	DRY(76,106)	DRY(76,107)	DRY(76,108)
DRY(76,109)	DRY(76,110)	DRY(76,111)	DRY(76,112)	DRY(76,113)
DRY(76,114)	DRY(76,115)	DRY(76,116)	DRY(76,117)	DRY(76,118)
DRY(76,119)	DRY(76,120)	DRY(76,121)	DRY(76,122)	DRY(76,123)
DRY(76,124)	DRY(76,125)	DRY(76,126)	DRY(76,127)	DRY(76,128)
DRY(76,129)	DRY(76,130)	DRY(76,131)	DRY(76,132)	DRY(76,133)
DRY(76,134)	DRY(76,135)	DRY(76,136)	DRY(76,137)	DRY(76,138)
DRY(76,139)	DRY(76,140)	DRY(76,141)	DRY(76,142)	DRY(76,143)
DRY(76,144)	DRY(76,145)	DRY(76,146)	DRY(76,147)	DRY(76,148)
DRY(76,149)	DRY(76,150)	DRY(76,151)	DRY(76,152)	DRY(76,153)
DRY(76,154)	DRY(76,155)	DRY(76,156)	DRY(76,160)	DRY(76,161)
DRY(76,162)	DRY(76,163)	DRY(76,164)	DRY(76,165)	DRY(76,168)
DRY(76,169)	DRY(76,170)	DRY(76,171)	DRY(76,172)	DRY(76,173)
DRY(76,174)	DRY(76,175)	DRY(76,176)	DRY(76,177)	DRY(76,178)
DRY(76,179)	DRY(76,180)	DRY(76,181)	DRY(76,182)	DRY(76,183)
DRY(76,184)	DRY(76,185)	DRY(76,186)	DRY(76,187)	DRY(76,188)
DRY(76,189)	DRY(76,190)	DRY(76,191)	DRY(76,192)	DRY(76,193)
DRY(76,194)	DRY(76,195)	DRY(76,196)	DRY(76,197)	DRY(76,198)
DRY(76,199)	DRY(76,200)	DRY(76,201)	DRY(76,202)	DRY(76,203)
DRY(77,103)	DRY(77,104)	DRY(77,105)	DRY(77,106)	DRY(77,107)
DRY(77,108)	DRY(77,109)	DRY(77,110)	DRY(77,111)	DRY(77,112)
DRY(77,113)	DRY(77,114)	DRY(77,115)	DRY(77,116)	DRY(77,117)
DRY(77,118)	DRY(77,119)	DRY(77,120)	DRY(77,121)	DRY(77,122)
DRY(77,123)	DRY(77,124)	DRY(77,125)	DRY(77,126)	DRY(77,127)
DRY(77,128)	DRY(77,129)	DRY(77,130)	DRY(77,131)	DRY(77,132)
DRY(77,133)	DRY(77,134)	DRY(77,135)	DRY(77,136)	DRY(77,137)
DRY(77,138)	DRY(77,139)	DRY(77,140)	DRY(77,141)	DRY(77,142)
DRY(77,143)	DRY(77,144)	DRY(77,145)	DRY(77,146)	DRY(77,147)
DRY(77,148)	DRY(77,149)	DRY(77,150)	DRY(77,151)	DRY(77,152)
DRY(77,153)	DRY(77,154)	DRY(77,155)	DRY(77,156)	DRY(77,160)
DRY(77,161)	DRY(77,162)	DRY(77,163)	DRY(77,164)	DRY(77,165)
DRY(77,168)	DRY(77,169)	DRY(77,170)	DRY(77,171)	DRY(77,172)
DRY(77,173)	DRY(77,174)	DRY(77,175)	DRY(77,176)	DRY(77,177)
DRY(77,178)	DRY(77,179)	DRY(77,180)	DRY(77,181)	DRY(77,182)
DRY(77,183)	DRY(77,184)	DRY(77,185)	DRY(77,186)	DRY(77,187)
DRY(77,188)	DRY(77,189)	DRY(77,190)	DRY(77,191)	DRY(77,192)
DRY(77,193)	DRY(77,194)	DRY(77,195)	DRY(77,196)	DRY(77,197)
DRY(77,198)	DRY(77,199)	DRY(77,200)	DRY(77,201)	DRY(77,202)
DRY(77,203)	DRY(78,103)	DRY(78,104)	DRY(78,105)	DRY(78,106)
DRY(78,107)	DRY(78,108)	DRY(78,109)	DRY(78,110)	DRY(78,111)
DRY(78,112)	DRY(78,113)	DRY(78,114)	DRY(78,115)	DRY(78,116)
DRY(78,117)	DRY(78,118)	DRY(78,119)	DRY(78,120)	DRY(78,121)
DRY(78,122)	DRY(78,123)	DRY(78,124)	DRY(78,125)	DRY(78,126)
DRY(78,127)	DRY(78,128)	DRY(78,129)	DRY(78,130)	DRY(78,131)
DRY(78,132)	DRY(78,133)	DRY(78,134)	DRY(78,135)	DRY(78,136)
DRY(78,137)	DRY(78,138)	DRY(78,139)	DRY(78,140)	DRY(78,141)
DRY(78,142)	DRY(78,143)	DRY(78,144)	DRY(78,145)	DRY(78,146)
DRY(78,147)	DRY(78,148)	DRY(78,149)	DRY(78,150)	DRY(78,151)
DRY(78,152)	DRY(78,153)	DRY(78,154)	DRY(78,155)	DRY(78,156)
DRY(78,160)	DRY(78,161)	DRY(78,162)	DRY(78,163)	DRY(78,164)
DRY(78,165)	DRY(78,169)	DRY(78,170)	DRY(78,171)	DRY(78,172)
DRY(78,173)	DRY(78,174)	DRY(78,175)	DRY(78,176)	DRY(78,177)
DRY(78,178)	DRY(78,179)	DRY(78,180)	DRY(78,181)	DRY(78,182)
DRY(78,183)	DRY(78,184)	DRY(78,185)	DRY(78,186)	DRY(78,187)
DRY(78,188)	DRY(78,189)	DRY(78,190)	DRY(78,191)	DRY(78,192)

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DRY( 78,193)   DRY( 78,194)   DRY( 78,195)   DRY( 78,196)   DRY( 78,197)
DRY( 78,198)   DRY( 78,199)   DRY( 78,200)   DRY( 78,201)   DRY( 78,202)
DRY( 78,203)   DRY( 79,103)   DRY( 79,104)   DRY( 79,105)   DRY( 79,106)
DRY( 79,107)   DRY( 79,108)   DRY( 79,109)   DRY( 79,110)   DRY( 79,111)
DRY( 79,112)   DRY( 79,113)   DRY( 79,114)   DRY( 79,115)   DRY( 79,116)
DRY( 79,117)   DRY( 79,118)   DRY( 79,119)   DRY( 79,120)   DRY( 79,121)
DRY( 79,122)   DRY( 79,123)   DRY( 79,124)   DRY( 79,125)   DRY( 79,126)
DRY( 79,127)   DRY( 79,128)   DRY( 79,129)   DRY( 79,130)   DRY( 79,131)
DRY( 79,132)   DRY( 79,133)   DRY( 79,134)   DRY( 79,135)   DRY( 79,136)
DRY( 79,137)   DRY( 79,138)   DRY( 79,139)   DRY( 79,140)   DRY( 79,141)
DRY( 79,142)   DRY( 79,143)   DRY( 79,144)   DRY( 79,145)   DRY( 79,146)
DRY( 79,147)   DRY( 79,148)   DRY( 79,149)   DRY( 79,150)   DRY( 79,151)
DRY( 79,152)   DRY( 79,153)   DRY( 79,154)   DRY( 79,155)   DRY( 79,156)
DRY( 79,161)   DRY( 79,162)   DRY( 79,163)   DRY( 79,164)   DRY( 79,165)
DRY( 79,169)   DRY( 79,170)   DRY( 79,171)   DRY( 79,172)   DRY( 79,173)
DRY( 79,174)   DRY( 79,175)   DRY( 79,176)   DRY( 79,177)   DRY( 79,178)
DRY( 79,179)   DRY( 79,180)   DRY( 79,181)   DRY( 79,182)   DRY( 79,183)
DRY( 79,184)   DRY( 79,185)   DRY( 79,186)   DRY( 79,187)   DRY( 79,188)
DRY( 79,189)   DRY( 79,190)   DRY( 79,191)   DRY( 79,192)   DRY( 79,193)
DRY( 79,194)   DRY( 79,195)   DRY( 79,196)   DRY( 79,197)   DRY( 79,198)
DRY( 79,199)   DRY( 79,200)   DRY( 79,201)   DRY( 79,202)   DRY( 79,203)
DRY( 80,103)   DRY( 80,104)   DRY( 80,105)   DRY( 80,106)   DRY( 80,107)
DRY( 80,108)   DRY( 80,109)   DRY( 80,110)   DRY( 80,111)   DRY( 80,112)
DRY( 80,113)   DRY( 80,114)   DRY( 80,115)   DRY( 80,116)   DRY( 80,117)
DRY( 80,118)   DRY( 80,119)   DRY( 80,120)   DRY( 80,121)   DRY( 80,122)
DRY( 80,123)   DRY( 80,124)   DRY( 80,125)   DRY( 80,126)   DRY( 80,127)
DRY( 80,128)   DRY( 80,129)   DRY( 80,130)   DRY( 80,131)   DRY( 80,132)
DRY( 80,133)   DRY( 80,134)   DRY( 80,135)   DRY( 80,136)   DRY( 80,137)
DRY( 80,138)   DRY( 80,139)   DRY( 80,140)   DRY( 80,141)   DRY( 80,142)
DRY( 80,143)   DRY( 80,144)   DRY( 80,145)   DRY( 80,146)   DRY( 80,147)
DRY( 80,148)   DRY( 80,149)   DRY( 80,150)   DRY( 80,151)   DRY( 80,152)
DRY( 80,153)   DRY( 80,154)   DRY( 80,155)   DRY( 80,161)   DRY( 80,162)
DRY( 80,163)   DRY( 80,164)   DRY( 80,165)   DRY( 80,169)   DRY( 80,170)
DRY( 80,171)   DRY( 80,172)   DRY( 80,173)   DRY( 80,174)   DRY( 80,175)
DRY( 80,176)   DRY( 80,177)   DRY( 80,178)   DRY( 80,179)   DRY( 80,180)
DRY( 80,181)   DRY( 80,182)   DRY( 80,183)   DRY( 80,184)   DRY( 80,185)
DRY( 80,186)   DRY( 80,187)   DRY( 80,188)   DRY( 80,189)   DRY( 80,190)
DRY( 80,191)   DRY( 80,192)   DRY( 80,193)   DRY( 80,194)   DRY( 80,195)
DRY( 80,196)   DRY( 80,197)   DRY( 80,198)   DRY( 80,199)   DRY( 80,200)
DRY( 80,201)   DRY( 80,202)   DRY( 80,203)   DRY( 81,103)   DRY( 81,104)
DRY( 81,105)   DRY( 81,106)   DRY( 81,107)   DRY( 81,108)   DRY( 81,109)
DRY( 81,110)   DRY( 81,111)   DRY( 81,112)   DRY( 81,113)   DRY( 81,114)
DRY( 81,115)   DRY( 81,116)   DRY( 81,117)   DRY( 81,118)   DRY( 81,119)
DRY( 81,120)   DRY( 81,121)   DRY( 81,122)   DRY( 81,123)   DRY( 81,124)
DRY( 81,125)   DRY( 81,126)   DRY( 81,127)   DRY( 81,128)   DRY( 81,129)
DRY( 81,130)   DRY( 81,131)   DRY( 81,132)   DRY( 81,133)   DRY( 81,134)
DRY( 81,135)   DRY( 81,136)   DRY( 81,137)   DRY( 81,138)   DRY( 81,139)
DRY( 81,140)   DRY( 81,141)   DRY( 81,142)   DRY( 81,143)   DRY( 81,144)
DRY( 81,145)   DRY( 81,146)   DRY( 81,147)   DRY( 81,148)   DRY( 81,149)
DRY( 81,150)   DRY( 81,151)   DRY( 81,152)   DRY( 81,153)   DRY( 81,154)
DRY( 81,155)   DRY( 81,161)   DRY( 81,162)   DRY( 81,163)   DRY( 81,164)
DRY( 81,169)   DRY( 81,170)   DRY( 81,171)   DRY( 81,172)   DRY( 81,173)
DRY( 81,174)   DRY( 81,175)   DRY( 81,176)   DRY( 81,177)   DRY( 81,178)
DRY( 81,179)   DRY( 81,180)   DRY( 81,181)   DRY( 81,182)   DRY( 81,183)
DRY( 81,184)   DRY( 81,185)   DRY( 81,186)   DRY( 81,187)   DRY( 81,188)
DRY( 81,189)   DRY( 81,190)   DRY( 81,191)   DRY( 81,192)   DRY( 81,193)
DRY( 81,194)   DRY( 81,195)   DRY( 81,196)   DRY( 81,197)   DRY( 81,198)
DRY( 81,199)   DRY( 81,200)   DRY( 81,201)   DRY( 81,202)   DRY( 81,203)
DRY( 82,103)   DRY( 82,104)   DRY( 82,105)   DRY( 82,106)   DRY( 82,107)
DRY( 82,108)   DRY( 82,109)   DRY( 82,110)   DRY( 82,111)   DRY( 82,112)
DRY( 82,113)   DRY( 82,114)   DRY( 82,115)   DRY( 82,116)   DRY( 82,117)
DRY( 82,118)   DRY( 82,119)   DRY( 82,120)   DRY( 82,121)   DRY( 82,122)
DRY( 82,123)   DRY( 82,124)   DRY( 82,125)   DRY( 82,126)   DRY( 82,127)
DRY( 82,128)   DRY( 82,129)   DRY( 82,130)   DRY( 82,131)   DRY( 82,132)
DRY( 82,133)   DRY( 82,134)   DRY( 82,135)   DRY( 82,136)   DRY( 82,137)
DRY( 82,138)   DRY( 82,139)   DRY( 82,140)   DRY( 82,141)   DRY( 82,142)
DRY( 82,143)   DRY( 82,144)   DRY( 82,145)   DRY( 82,146)   DRY( 82,147)
DRY( 82,148)   DRY( 82,149)   DRY( 82,150)   DRY( 82,151)   DRY( 82,152)
DRY( 82,153)   DRY( 82,154)   DRY( 82,155)   DRY( 82,162)   DRY( 82,163)
DRY( 82,164)   DRY( 82,169)   DRY( 82,170)   DRY( 82,171)   DRY( 82,172)
DRY( 82,173)   DRY( 82,174)   DRY( 82,175)   DRY( 82,176)   DRY( 82,177)
DRY( 82,178)   DRY( 82,179)   DRY( 82,180)   DRY( 82,181)   DRY( 82,182)
DRY( 82,183)   DRY( 82,184)   DRY( 82,185)   DRY( 82,186)   DRY( 82,187)
DRY( 82,188)   DRY( 82,189)   DRY( 82,190)   DRY( 82,191)   DRY( 82,192)
DRY( 82,193)   DRY( 82,194)   DRY( 82,195)   DRY( 82,196)   DRY( 82,197)
DRY( 82,198)   DRY( 82,199)   DRY( 82,200)   DRY( 82,201)   DRY( 82,202)
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DRY(82,203)	DRY(83,103)	DRY(83,104)	DRY(83,105)	DRY(83,106)
DRY(83,107)	DRY(83,108)	DRY(83,109)	DRY(83,110)	DRY(83,111)
DRY(83,112)	DRY(83,113)	DRY(83,114)	DRY(83,115)	DRY(83,116)
DRY(83,117)	DRY(83,118)	DRY(83,119)	DRY(83,120)	DRY(83,121)
DRY(83,122)	DRY(83,123)	DRY(83,124)	DRY(83,125)	DRY(83,126)
DRY(83,127)	DRY(83,128)	DRY(83,129)	DRY(83,130)	DRY(83,131)
DRY(83,132)	DRY(83,133)	DRY(83,134)	DRY(83,135)	DRY(83,136)
DRY(83,137)	DRY(83,138)	DRY(83,139)	DRY(83,140)	DRY(83,141)
DRY(83,142)	DRY(83,143)	DRY(83,144)	DRY(83,145)	DRY(83,146)
DRY(83,147)	DRY(83,148)	DRY(83,149)	DRY(83,150)	DRY(83,151)
DRY(83,152)	DRY(83,153)	DRY(83,154)	DRY(83,155)	DRY(83,162)
DRY(83,163)	DRY(83,169)	DRY(83,170)	DRY(83,171)	DRY(83,172)
DRY(83,173)	DRY(83,174)	DRY(83,175)	DRY(83,176)	DRY(83,177)
DRY(83,178)	DRY(83,179)	DRY(83,180)	DRY(83,181)	DRY(83,182)
DRY(83,183)	DRY(83,184)	DRY(83,185)	DRY(83,186)	DRY(83,187)
DRY(83,188)	DRY(83,189)	DRY(83,190)	DRY(83,191)	DRY(83,192)
DRY(83,193)	DRY(83,194)	DRY(83,195)	DRY(83,196)	DRY(83,197)
DRY(83,198)	DRY(83,199)	DRY(83,200)	DRY(83,201)	DRY(83,202)
DRY(83,203)	DRY(84,103)	DRY(84,104)	DRY(84,105)	DRY(84,106)
DRY(84,107)	DRY(84,108)	DRY(84,109)	DRY(84,110)	DRY(84,111)
DRY(84,112)	DRY(84,113)	DRY(84,114)	DRY(84,115)	DRY(84,116)
DRY(84,117)	DRY(84,118)	DRY(84,119)	DRY(84,120)	DRY(84,121)
DRY(84,122)	DRY(84,123)	DRY(84,124)	DRY(84,125)	DRY(84,126)
DRY(84,127)	DRY(84,128)	DRY(84,129)	DRY(84,130)	DRY(84,131)
DRY(84,132)	DRY(84,133)	DRY(84,134)	DRY(84,135)	DRY(84,136)
DRY(84,137)	DRY(84,138)	DRY(84,139)	DRY(84,140)	DRY(84,141)
DRY(84,142)	DRY(84,143)	DRY(84,144)	DRY(84,145)	DRY(84,146)
DRY(84,147)	DRY(84,148)	DRY(84,149)	DRY(84,150)	DRY(84,151)
DRY(84,152)	DRY(84,153)	DRY(84,154)	DRY(84,163)	DRY(84,169)
DRY(84,170)	DRY(84,171)	DRY(84,172)	DRY(84,173)	DRY(84,174)
DRY(84,175)	DRY(84,176)	DRY(84,177)	DRY(84,178)	DRY(84,179)
DRY(84,180)	DRY(84,181)	DRY(84,182)	DRY(84,183)	DRY(84,184)
DRY(84,185)	DRY(84,186)	DRY(84,187)	DRY(84,188)	DRY(84,189)
DRY(84,190)	DRY(84,191)	DRY(84,192)	DRY(84,193)	DRY(84,194)
DRY(84,195)	DRY(84,196)	DRY(84,197)	DRY(84,198)	DRY(84,199)
DRY(84,200)	DRY(84,201)	DRY(84,202)	DRY(84,203)	DRY(85,103)
DRY(85,104)	DRY(85,105)	DRY(85,106)	DRY(85,107)	DRY(85,108)
DRY(85,109)	DRY(85,110)	DRY(85,111)	DRY(85,112)	DRY(85,113)
DRY(85,114)	DRY(85,115)	DRY(85,116)	DRY(85,117)	DRY(85,118)
DRY(85,119)	DRY(85,120)	DRY(85,121)	DRY(85,122)	DRY(85,123)
DRY(85,124)	DRY(85,125)	DRY(85,126)	DRY(85,127)	DRY(85,128)
DRY(85,129)	DRY(85,130)	DRY(85,131)	DRY(85,132)	DRY(85,133)
DRY(85,134)	DRY(85,135)	DRY(85,136)	DRY(85,137)	DRY(85,138)
DRY(85,139)	DRY(85,140)	DRY(85,141)	DRY(85,142)	DRY(85,143)
DRY(85,144)	DRY(85,145)	DRY(85,146)	DRY(85,147)	DRY(85,148)
DRY(85,149)	DRY(85,150)	DRY(85,151)	DRY(85,152)	DRY(85,153)
DRY(85,154)	DRY(85,169)	DRY(85,170)	DRY(85,171)	DRY(85,172)
DRY(85,173)	DRY(85,174)	DRY(85,175)	DRY(85,176)	DRY(85,177)
DRY(85,178)	DRY(85,179)	DRY(85,180)	DRY(85,181)	DRY(85,182)
DRY(85,183)	DRY(85,184)	DRY(85,185)	DRY(85,186)	DRY(85,187)
DRY(85,188)	DRY(85,189)	DRY(85,190)	DRY(85,191)	DRY(85,192)
DRY(85,193)	DRY(85,194)	DRY(85,195)	DRY(85,196)	DRY(85,197)
DRY(85,198)	DRY(85,199)	DRY(85,200)	DRY(85,201)	DRY(85,202)
DRY(85,203)	DRY(86,103)	DRY(86,104)	DRY(86,105)	DRY(86,106)
DRY(86,107)	DRY(86,108)	DRY(86,109)	DRY(86,110)	DRY(86,111)
DRY(86,112)	DRY(86,113)	DRY(86,114)	DRY(86,115)	DRY(86,116)
DRY(86,117)	DRY(86,118)	DRY(86,119)	DRY(86,120)	DRY(86,121)
DRY(86,122)	DRY(86,123)	DRY(86,124)	DRY(86,125)	DRY(86,126)
DRY(86,127)	DRY(86,128)	DRY(86,129)	DRY(86,130)	DRY(86,131)
DRY(86,132)	DRY(86,133)	DRY(86,134)	DRY(86,135)	DRY(86,136)
DRY(86,137)	DRY(86,138)	DRY(86,139)	DRY(86,140)	DRY(86,141)
DRY(86,142)	DRY(86,143)	DRY(86,144)	DRY(86,145)	DRY(86,146)
DRY(86,147)	DRY(86,148)	DRY(86,149)	DRY(86,150)	DRY(86,151)
DRY(86,152)	DRY(86,153)	DRY(86,154)	DRY(86,170)	DRY(86,171)
DRY(86,172)	DRY(86,173)	DRY(86,174)	DRY(86,175)	DRY(86,176)
DRY(86,177)	DRY(86,178)	DRY(86,179)	DRY(86,180)	DRY(86,181)
DRY(86,182)	DRY(86,183)	DRY(86,184)	DRY(86,185)	DRY(86,186)
DRY(86,187)	DRY(86,188)	DRY(86,189)	DRY(86,190)	DRY(86,191)
DRY(86,192)	DRY(86,193)	DRY(86,194)	DRY(86,195)	DRY(86,196)
DRY(86,197)	DRY(86,198)	DRY(86,199)	DRY(86,200)	DRY(86,201)
DRY(86,202)	DRY(86,203)	DRY(86,204)	DRY(87,103)	DRY(87,104)
DRY(87,105)	DRY(87,106)	DRY(87,107)	DRY(87,108)	DRY(87,109)
DRY(87,110)	DRY(87,111)	DRY(87,112)	DRY(87,113)	DRY(87,114)
DRY(87,115)	DRY(87,116)	DRY(87,117)	DRY(87,118)	DRY(87,119)
DRY(87,120)	DRY(87,121)	DRY(87,122)	DRY(87,123)	DRY(87,124)
DRY(87,125)	DRY(87,126)	DRY(87,127)	DRY(87,128)	DRY(87,129)

DRY(87,130)	DRY(87,131)	DRY(87,132)	DRY(87,133)	DRY(87,134)
DRY(87,135)	DRY(87,136)	DRY(87,137)	DRY(87,138)	DRY(87,139)
DRY(87,140)	DRY(87,141)	DRY(87,142)	DRY(87,143)	DRY(87,144)
DRY(87,145)	DRY(87,146)	DRY(87,147)	DRY(87,148)	DRY(87,149)
DRY(87,150)	DRY(87,151)	DRY(87,152)	DRY(87,153)	DRY(87,154)
DRY(87,170)	DRY(87,171)	DRY(87,172)	DRY(87,173)	DRY(87,174)
DRY(87,175)	DRY(87,176)	DRY(87,177)	DRY(87,178)	DRY(87,179)
DRY(87,180)	DRY(87,181)	DRY(87,182)	DRY(87,183)	DRY(87,184)
DRY(87,185)	DRY(87,186)	DRY(87,187)	DRY(87,188)	DRY(87,189)
DRY(87,190)	DRY(87,191)	DRY(87,192)	DRY(87,193)	DRY(87,194)
DRY(87,195)	DRY(87,196)	DRY(87,197)	DRY(87,198)	DRY(87,199)
DRY(87,200)	DRY(87,201)	DRY(87,202)	DRY(87,203)	DRY(87,204)
DRY(88,103)	DRY(88,104)	DRY(88,105)	DRY(88,106)	DRY(88,107)
DRY(88,108)	DRY(88,109)	DRY(88,110)	DRY(88,111)	DRY(88,112)
DRY(88,113)	DRY(88,114)	DRY(88,115)	DRY(88,116)	DRY(88,117)
DRY(88,118)	DRY(88,119)	DRY(88,120)	DRY(88,121)	DRY(88,122)
DRY(88,123)	DRY(88,124)	DRY(88,125)	DRY(88,126)	DRY(88,127)
DRY(88,128)	DRY(88,129)	DRY(88,130)	DRY(88,131)	DRY(88,132)
DRY(88,133)	DRY(88,134)	DRY(88,135)	DRY(88,136)	DRY(88,137)
DRY(88,138)	DRY(88,139)	DRY(88,140)	DRY(88,141)	DRY(88,142)
DRY(88,143)	DRY(88,144)	DRY(88,145)	DRY(88,146)	DRY(88,147)
DRY(88,148)	DRY(88,149)	DRY(88,150)	DRY(88,151)	DRY(88,152)
DRY(88,153)	DRY(88,154)	DRY(88,170)	DRY(88,171)	DRY(88,172)
DRY(88,173)	DRY(88,174)	DRY(88,175)	DRY(88,176)	DRY(88,177)
DRY(88,178)	DRY(88,179)	DRY(88,180)	DRY(88,181)	DRY(88,182)
DRY(88,183)	DRY(88,184)	DRY(88,185)	DRY(88,186)	DRY(88,187)
DRY(88,188)	DRY(88,189)	DRY(88,190)	DRY(88,191)	DRY(88,192)
DRY(88,193)	DRY(88,194)	DRY(88,195)	DRY(88,196)	DRY(88,197)
DRY(88,198)	DRY(88,199)	DRY(88,200)	DRY(88,201)	DRY(88,202)
DRY(88,203)	DRY(88,204)	DRY(88,205)	DRY(89,103)	DRY(89,104)
DRY(89,105)	DRY(89,106)	DRY(89,107)	DRY(89,108)	DRY(89,109)
DRY(89,110)	DRY(89,111)	DRY(89,112)	DRY(89,113)	DRY(89,114)
DRY(89,115)	DRY(89,116)	DRY(89,117)	DRY(89,118)	DRY(89,119)
DRY(89,120)	DRY(89,121)	DRY(89,122)	DRY(89,123)	DRY(89,124)
DRY(89,125)	DRY(89,126)	DRY(89,127)	DRY(89,128)	DRY(89,129)
DRY(89,130)	DRY(89,131)	DRY(89,132)	DRY(89,133)	DRY(89,134)
DRY(89,135)	DRY(89,136)	DRY(89,137)	DRY(89,138)	DRY(89,139)
DRY(89,140)	DRY(89,141)	DRY(89,142)	DRY(89,143)	DRY(89,144)
DRY(89,145)	DRY(89,146)	DRY(89,147)	DRY(89,148)	DRY(89,149)
DRY(89,150)	DRY(89,151)	DRY(89,152)	DRY(89,153)	DRY(89,154)
DRY(89,170)	DRY(89,171)	DRY(89,172)	DRY(89,173)	DRY(89,174)
DRY(89,175)	DRY(89,176)	DRY(89,177)	DRY(89,178)	DRY(89,179)
DRY(89,180)	DRY(89,181)	DRY(89,182)	DRY(89,183)	DRY(89,184)
DRY(89,185)	DRY(89,186)	DRY(89,187)	DRY(89,188)	DRY(89,189)
DRY(89,190)	DRY(89,191)	DRY(89,192)	DRY(89,193)	DRY(89,194)
DRY(89,195)	DRY(89,196)	DRY(89,197)	DRY(89,198)	DRY(89,199)
DRY(89,200)	DRY(89,201)	DRY(89,202)	DRY(89,203)	DRY(89,204)
DRY(89,205)	DRY(90,103)	DRY(90,104)	DRY(90,105)	DRY(90,106)
DRY(90,107)	DRY(90,108)	DRY(90,109)	DRY(90,110)	DRY(90,111)
DRY(90,112)	DRY(90,113)	DRY(90,114)	DRY(90,115)	DRY(90,116)
DRY(90,117)	DRY(90,118)	DRY(90,119)	DRY(90,120)	DRY(90,121)
DRY(90,122)	DRY(90,123)	DRY(90,124)	DRY(90,125)	DRY(90,126)
DRY(90,127)	DRY(90,128)	DRY(90,129)	DRY(90,130)	DRY(90,131)
DRY(90,132)	DRY(90,133)	DRY(90,134)	DRY(90,135)	DRY(90,136)
DRY(90,137)	DRY(90,138)	DRY(90,139)	DRY(90,140)	DRY(90,141)
DRY(90,142)	DRY(90,143)	DRY(90,144)	DRY(90,145)	DRY(90,146)
DRY(90,147)	DRY(90,148)	DRY(90,149)	DRY(90,150)	DRY(90,151)
DRY(90,152)	DRY(90,153)	DRY(90,154)	DRY(90,170)	DRY(90,171)
DRY(90,172)	DRY(90,173)	DRY(90,174)	DRY(90,175)	DRY(90,176)
DRY(90,177)	DRY(90,178)	DRY(90,179)	DRY(90,180)	DRY(90,181)
DRY(90,182)	DRY(90,183)	DRY(90,184)	DRY(90,185)	DRY(90,186)
DRY(90,187)	DRY(90,188)	DRY(90,189)	DRY(90,190)	DRY(90,191)
DRY(90,192)	DRY(90,193)	DRY(90,194)	DRY(90,195)	DRY(90,196)
DRY(90,197)	DRY(90,198)	DRY(90,199)	DRY(90,200)	DRY(90,201)
DRY(90,202)	DRY(90,203)	DRY(90,204)	DRY(90,205)	DRY(91,103)
DRY(91,104)	DRY(91,105)	DRY(91,106)	DRY(91,107)	DRY(91,108)
DRY(91,109)	DRY(91,110)	DRY(91,111)	DRY(91,112)	DRY(91,113)
DRY(91,114)	DRY(91,115)	DRY(91,116)	DRY(91,117)	DRY(91,118)
DRY(91,119)	DRY(91,120)	DRY(91,121)	DRY(91,122)	DRY(91,123)
DRY(91,124)	DRY(91,125)	DRY(91,126)	DRY(91,127)	DRY(91,128)
DRY(91,129)	DRY(91,130)	DRY(91,131)	DRY(91,132)	DRY(91,133)
DRY(91,134)	DRY(91,135)	DRY(91,136)	DRY(91,137)	DRY(91,138)
DRY(91,139)	DRY(91,140)	DRY(91,141)	DRY(91,142)	DRY(91,143)
DRY(91,144)	DRY(91,145)	DRY(91,146)	DRY(91,147)	DRY(91,148)
DRY(91,149)	DRY(91,150)	DRY(91,151)	DRY(91,152)	DRY(91,153)
DRY(91,154)	DRY(91,170)	DRY(91,171)	DRY(91,172)	DRY(91,173)

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DRY( 91,174)   DRY( 91,175)   DRY( 91,176)   DRY( 91,177)   DRY( 91,178)
DRY( 91,179)   DRY( 91,180)   DRY( 91,181)   DRY( 91,182)   DRY( 91,183)
DRY( 91,184)   DRY( 91,185)   DRY( 91,186)   DRY( 91,187)   DRY( 91,188)
DRY( 91,189)   DRY( 91,190)   DRY( 91,191)   DRY( 91,192)   DRY( 91,193)
DRY( 91,194)   DRY( 91,195)   DRY( 91,196)   DRY( 91,197)   DRY( 91,198)
DRY( 91,199)   DRY( 91,200)   DRY( 91,201)   DRY( 91,202)   DRY( 91,203)
DRY( 91,204)   DRY( 91,205)   DRY( 92,103)   DRY( 92,104)   DRY( 92,105)
DRY( 92,106)   DRY( 92,107)   DRY( 92,108)   DRY( 92,109)   DRY( 92,110)
DRY( 92,111)   DRY( 92,112)   DRY( 92,113)   DRY( 92,114)   DRY( 92,115)
DRY( 92,116)   DRY( 92,117)   DRY( 92,118)   DRY( 92,119)   DRY( 92,120)
DRY( 92,121)   DRY( 92,122)   DRY( 92,123)   DRY( 92,124)   DRY( 92,125)
DRY( 92,126)   DRY( 92,127)   DRY( 92,128)   DRY( 92,129)   DRY( 92,130)
DRY( 92,131)   DRY( 92,132)   DRY( 92,133)   DRY( 92,134)   DRY( 92,135)
DRY( 92,136)   DRY( 92,137)   DRY( 92,138)   DRY( 92,139)   DRY( 92,140)
DRY( 92,141)   DRY( 92,142)   DRY( 92,143)   DRY( 92,144)   DRY( 92,145)
DRY( 92,146)   DRY( 92,147)   DRY( 92,148)   DRY( 92,149)   DRY( 92,150)
DRY( 92,151)   DRY( 92,152)   DRY( 92,153)   DRY( 92,154)   DRY( 92,174)
DRY( 92,175)   DRY( 92,176)   DRY( 92,177)   DRY( 92,178)   DRY( 92,179)
DRY( 92,180)   DRY( 92,181)   DRY( 92,182)   DRY( 92,183)   DRY( 92,184)
DRY( 92,185)   DRY( 92,186)   DRY( 92,187)   DRY( 92,188)   DRY( 92,189)
DRY( 92,190)   DRY( 92,191)   DRY( 92,192)   DRY( 92,193)   DRY( 92,194)
DRY( 92,195)   DRY( 92,196)   DRY( 92,197)   DRY( 92,198)   DRY( 92,199)
DRY( 92,200)   DRY( 92,201)   DRY( 92,202)   DRY( 92,203)   DRY( 92,204)
DRY( 92,205)   DRY( 92,206)   DRY( 93,103)   DRY( 93,104)   DRY( 93,105)
DRY( 93,106)   DRY( 93,107)   DRY( 93,108)   DRY( 93,109)   DRY( 93,110)
DRY( 93,111)   DRY( 93,112)   DRY( 93,113)   DRY( 93,114)   DRY( 93,115)
DRY( 93,116)   DRY( 93,117)   DRY( 93,118)   DRY( 93,119)   DRY( 93,120)
DRY( 93,121)   DRY( 93,122)   DRY( 93,123)   DRY( 93,124)   DRY( 93,125)
DRY( 93,126)   DRY( 93,127)   DRY( 93,128)   DRY( 93,129)   DRY( 93,130)
DRY( 93,131)   DRY( 93,132)   DRY( 93,133)   DRY( 93,134)   DRY( 93,135)
DRY( 93,136)   DRY( 93,137)   DRY( 93,138)   DRY( 93,139)   DRY( 93,140)
DRY( 93,141)   DRY( 93,142)   DRY( 93,143)   DRY( 93,144)   DRY( 93,145)
DRY( 93,146)   DRY( 93,147)   DRY( 93,148)   DRY( 93,149)   DRY( 93,150)
DRY( 93,151)   DRY( 93,152)   DRY( 93,153)   DRY( 93,154)   DRY( 93,177)
DRY( 93,178)   DRY( 93,179)   DRY( 93,180)   DRY( 93,181)   DRY( 93,182)
DRY( 93,183)   DRY( 93,184)   DRY( 93,185)   DRY( 93,186)   DRY( 93,187)
DRY( 93,188)   DRY( 93,189)   DRY( 93,190)   DRY( 93,191)   DRY( 93,192)
DRY( 93,193)   DRY( 93,194)   DRY( 93,195)   DRY( 93,196)   DRY( 93,197)
DRY( 93,198)   DRY( 93,199)   DRY( 93,200)   DRY( 93,201)   DRY( 93,202)
DRY( 93,203)   DRY( 93,204)   DRY( 93,205)   DRY( 93,206)   DRY( 94,103)
DRY( 94,104)   DRY( 94,105)   DRY( 94,106)   DRY( 94,107)   DRY( 94,108)
DRY( 94,109)   DRY( 94,110)   DRY( 94,111)   DRY( 94,112)   DRY( 94,113)
DRY( 94,114)   DRY( 94,115)   DRY( 94,116)   DRY( 94,117)   DRY( 94,118)
DRY( 94,119)   DRY( 94,120)   DRY( 94,121)   DRY( 94,122)   DRY( 94,123)
DRY( 94,124)   DRY( 94,125)   DRY( 94,126)   DRY( 94,127)   DRY( 94,128)
DRY( 94,129)   DRY( 94,130)   DRY( 94,131)   DRY( 94,132)   DRY( 94,133)
DRY( 94,134)   DRY( 94,135)   DRY( 94,136)   DRY( 94,137)   DRY( 94,138)
DRY( 94,139)   DRY( 94,140)   DRY( 94,141)   DRY( 94,142)   DRY( 94,143)
DRY( 94,144)   DRY( 94,145)   DRY( 94,146)   DRY( 94,147)   DRY( 94,148)
DRY( 94,149)   DRY( 94,150)   DRY( 94,151)   DRY( 94,152)   DRY( 94,153)
DRY( 94,154)   DRY( 94,177)   DRY( 94,178)   DRY( 94,179)   DRY( 94,180)
DRY( 94,181)   DRY( 94,182)   DRY( 94,183)   DRY( 94,184)   DRY( 94,185)
DRY( 94,186)   DRY( 94,187)   DRY( 94,188)   DRY( 94,189)   DRY( 94,190)
DRY( 94,191)   DRY( 94,192)   DRY( 94,193)   DRY( 94,194)   DRY( 94,195)
DRY( 94,196)   DRY( 94,197)   DRY( 94,198)   DRY( 94,199)   DRY( 94,200)
DRY( 94,201)   DRY( 94,202)   DRY( 94,203)   DRY( 94,204)   DRY( 94,205)
DRY( 94,206)   DRY( 95,104)   DRY( 95,105)   DRY( 95,106)   DRY( 95,107)
DRY( 95,108)   DRY( 95,109)   DRY( 95,110)   DRY( 95,111)   DRY( 95,112)
DRY( 95,113)   DRY( 95,114)   DRY( 95,115)   DRY( 95,116)   DRY( 95,117)
DRY( 95,118)   DRY( 95,119)   DRY( 95,120)   DRY( 95,121)   DRY( 95,122)
DRY( 95,123)   DRY( 95,124)   DRY( 95,125)   DRY( 95,126)   DRY( 95,127)
DRY( 95,128)   DRY( 95,129)   DRY( 95,130)   DRY( 95,131)   DRY( 95,132)
DRY( 95,133)   DRY( 95,134)   DRY( 95,135)   DRY( 95,136)   DRY( 95,137)
DRY( 95,138)   DRY( 95,139)   DRY( 95,140)   DRY( 95,141)   DRY( 95,142)
DRY( 95,143)   DRY( 95,144)   DRY( 95,145)   DRY( 95,146)   DRY( 95,147)
DRY( 95,148)   DRY( 95,149)   DRY( 95,150)   DRY( 95,151)   DRY( 95,152)
DRY( 95,153)   DRY( 95,154)   DRY( 95,177)   DRY( 95,178)   DRY( 95,179)
DRY( 95,180)   DRY( 95,181)   DRY( 95,182)   DRY( 95,183)   DRY( 95,184)
DRY( 95,185)   DRY( 95,186)   DRY( 95,187)   DRY( 95,188)   DRY( 95,189)
DRY( 95,190)   DRY( 95,191)   DRY( 95,192)   DRY( 95,193)   DRY( 95,194)
DRY( 95,195)   DRY( 95,196)   DRY( 95,197)   DRY( 95,198)   DRY( 95,199)
DRY( 95,200)   DRY( 95,201)   DRY( 95,202)   DRY( 95,203)   DRY( 95,204)
DRY( 95,205)   DRY( 95,206)   DRY( 96,104)   DRY( 96,105)   DRY( 96,106)
DRY( 96,107)   DRY( 96,108)   DRY( 96,109)   DRY( 96,110)   DRY( 96,111)
DRY( 96,112)   DRY( 96,113)   DRY( 96,114)   DRY( 96,115)   DRY( 96,116)
DRY( 96,117)   DRY( 96,118)   DRY( 96,119)   DRY( 96,120)   DRY( 96,121)
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DRY(96,122)	DRY(96,123)	DRY(96,124)	DRY(96,125)	DRY(96,126)
DRY(96,127)	DRY(96,128)	DRY(96,129)	DRY(96,130)	DRY(96,131)
DRY(96,132)	DRY(96,133)	DRY(96,134)	DRY(96,135)	DRY(96,136)
DRY(96,137)	DRY(96,138)	DRY(96,139)	DRY(96,140)	DRY(96,141)
DRY(96,142)	DRY(96,143)	DRY(96,144)	DRY(96,145)	DRY(96,146)
DRY(96,147)	DRY(96,148)	DRY(96,149)	DRY(96,150)	DRY(96,151)
DRY(96,152)	DRY(96,153)	DRY(96,154)	DRY(96,177)	DRY(96,178)
DRY(96,179)	DRY(96,180)	DRY(96,181)	DRY(96,182)	DRY(96,183)
DRY(96,184)	DRY(96,185)	DRY(96,186)	DRY(96,187)	DRY(96,188)
DRY(96,189)	DRY(96,190)	DRY(96,191)	DRY(96,192)	DRY(96,193)
DRY(96,194)	DRY(96,195)	DRY(96,196)	DRY(96,197)	DRY(96,198)
DRY(96,199)	DRY(96,200)	DRY(96,201)	DRY(96,202)	DRY(96,203)
DRY(96,204)	DRY(96,205)	DRY(96,206)	DRY(97,104)	DRY(97,105)
DRY(97,106)	DRY(97,107)	DRY(97,108)	DRY(97,109)	DRY(97,110)
DRY(97,111)	DRY(97,112)	DRY(97,113)	DRY(97,114)	DRY(97,115)
DRY(97,116)	DRY(97,117)	DRY(97,118)	DRY(97,119)	DRY(97,120)
DRY(97,121)	DRY(97,122)	DRY(97,123)	DRY(97,124)	DRY(97,125)
DRY(97,126)	DRY(97,127)	DRY(97,128)	DRY(97,129)	DRY(97,130)
DRY(97,131)	DRY(97,132)	DRY(97,133)	DRY(97,134)	DRY(97,135)
DRY(97,136)	DRY(97,137)	DRY(97,138)	DRY(97,139)	DRY(97,140)
DRY(97,141)	DRY(97,142)	DRY(97,143)	DRY(97,144)	DRY(97,145)
DRY(97,146)	DRY(97,147)	DRY(97,148)	DRY(97,149)	DRY(97,150)
DRY(97,151)	DRY(97,152)	DRY(97,153)	DRY(97,154)	DRY(97,177)
DRY(97,178)	DRY(97,179)	DRY(97,180)	DRY(97,181)	DRY(97,182)
DRY(97,183)	DRY(97,184)	DRY(97,185)	DRY(97,186)	DRY(97,187)
DRY(97,188)	DRY(97,189)	DRY(97,190)	DRY(97,191)	DRY(97,192)
DRY(97,193)	DRY(97,194)	DRY(97,195)	DRY(97,196)	DRY(97,197)
DRY(97,198)	DRY(97,199)	DRY(97,200)	DRY(97,201)	DRY(97,202)
DRY(97,203)	DRY(97,204)	DRY(97,205)	DRY(98,105)	DRY(98,106)
DRY(98,107)	DRY(98,108)	DRY(98,109)	DRY(98,110)	DRY(98,111)
DRY(98,112)	DRY(98,113)	DRY(98,114)	DRY(98,115)	DRY(98,116)
DRY(98,117)	DRY(98,118)	DRY(98,119)	DRY(98,120)	DRY(98,121)
DRY(98,122)	DRY(98,123)	DRY(98,124)	DRY(98,125)	DRY(98,126)
DRY(98,127)	DRY(98,128)	DRY(98,129)	DRY(98,130)	DRY(98,131)
DRY(98,132)	DRY(98,133)	DRY(98,134)	DRY(98,135)	DRY(98,136)
DRY(98,137)	DRY(98,138)	DRY(98,139)	DRY(98,140)	DRY(98,141)
DRY(98,142)	DRY(98,143)	DRY(98,144)	DRY(98,145)	DRY(98,146)
DRY(98,147)	DRY(98,148)	DRY(98,149)	DRY(98,150)	DRY(98,151)
DRY(98,152)	DRY(98,153)	DRY(98,154)	DRY(98,177)	DRY(98,178)
DRY(98,179)	DRY(98,180)	DRY(98,181)	DRY(98,182)	DRY(98,183)
DRY(98,184)	DRY(98,185)	DRY(98,186)	DRY(98,187)	DRY(98,188)
DRY(98,189)	DRY(98,190)	DRY(98,191)	DRY(98,192)	DRY(98,193)
DRY(98,194)	DRY(98,195)	DRY(98,196)	DRY(98,197)	DRY(98,198)
DRY(98,199)	DRY(98,200)	DRY(98,201)	DRY(98,202)	DRY(98,203)
DRY(98,204)	DRY(98,205)	DRY(99,105)	DRY(99,106)	DRY(99,107)
DRY(99,108)	DRY(99,109)	DRY(99,110)	DRY(99,111)	DRY(99,112)
DRY(99,113)	DRY(99,114)	DRY(99,115)	DRY(99,116)	DRY(99,117)
DRY(99,118)	DRY(99,119)	DRY(99,120)	DRY(99,121)	DRY(99,122)
DRY(99,123)	DRY(99,124)	DRY(99,125)	DRY(99,126)	DRY(99,127)
DRY(99,128)	DRY(99,129)	DRY(99,130)	DRY(99,131)	DRY(99,132)
DRY(99,133)	DRY(99,134)	DRY(99,135)	DRY(99,136)	DRY(99,137)
DRY(99,138)	DRY(99,139)	DRY(99,140)	DRY(99,141)	DRY(99,142)
DRY(99,143)	DRY(99,144)	DRY(99,145)	DRY(99,146)	DRY(99,147)
DRY(99,148)	DRY(99,149)	DRY(99,150)	DRY(99,151)	DRY(99,152)
DRY(99,153)	DRY(99,154)	DRY(99,177)	DRY(99,178)	DRY(99,179)
DRY(99,180)	DRY(99,181)	DRY(99,182)	DRY(99,183)	DRY(99,184)
DRY(99,185)	DRY(99,186)	DRY(99,187)	DRY(99,188)	DRY(99,189)
DRY(99,190)	DRY(99,191)	DRY(99,192)	DRY(99,193)	DRY(99,194)
DRY(99,195)	DRY(99,196)	DRY(99,197)	DRY(99,198)	DRY(99,199)
DRY(99,200)	DRY(99,201)	DRY(99,202)	DRY(99,203)	DRY(99,204)
DRY(99,205)	DRY(100,106)	DRY(100,107)	DRY(100,108)	DRY(100,109)
DRY(100,110)	DRY(100,111)	DRY(100,112)	DRY(100,113)	DRY(100,114)
DRY(100,115)	DRY(100,116)	DRY(100,117)	DRY(100,118)	DRY(100,119)
DRY(100,120)	DRY(100,121)	DRY(100,122)	DRY(100,123)	DRY(100,124)
DRY(100,125)	DRY(100,126)	DRY(100,127)	DRY(100,128)	DRY(100,129)
DRY(100,130)	DRY(100,131)	DRY(100,132)	DRY(100,133)	DRY(100,134)
DRY(100,135)	DRY(100,136)	DRY(100,137)	DRY(100,138)	DRY(100,139)
DRY(100,140)	DRY(100,141)	DRY(100,142)	DRY(100,143)	DRY(100,144)
DRY(100,145)	DRY(100,146)	DRY(100,147)	DRY(100,148)	DRY(100,149)
DRY(100,150)	DRY(100,151)	DRY(100,152)	DRY(100,153)	DRY(100,154)
DRY(100,177)	DRY(100,178)	DRY(100,179)	DRY(100,180)	DRY(100,181)
DRY(100,182)	DRY(100,183)	DRY(100,184)	DRY(100,185)	DRY(100,186)
DRY(100,187)	DRY(100,188)	DRY(100,189)	DRY(100,190)	DRY(100,191)
DRY(100,192)	DRY(100,193)	DRY(100,194)	DRY(100,195)	DRY(100,196)
DRY(100,197)	DRY(100,198)	DRY(100,199)	DRY(100,200)	DRY(100,201)
DRY(100,202)	DRY(100,203)	DRY(100,204)	DRY(100,205)	DRY(101,107)

DRY(101,108)	DRY(101,109)	DRY(101,110)	DRY(101,111)	DRY(101,112)
DRY(101,113)	DRY(101,114)	DRY(101,115)	DRY(101,116)	DRY(101,117)
DRY(101,118)	DRY(101,119)	DRY(101,120)	DRY(101,121)	DRY(101,122)
DRY(101,123)	DRY(101,124)	DRY(101,125)	DRY(101,126)	DRY(101,127)
DRY(101,128)	DRY(101,129)	DRY(101,130)	DRY(101,131)	DRY(101,132)
DRY(101,133)	DRY(101,134)	DRY(101,135)	DRY(101,136)	DRY(101,137)
DRY(101,138)	DRY(101,139)	DRY(101,140)	DRY(101,141)	DRY(101,142)
DRY(101,143)	DRY(101,144)	DRY(101,145)	DRY(101,146)	DRY(101,147)
DRY(101,148)	DRY(101,149)	DRY(101,150)	DRY(101,151)	DRY(101,152)
DRY(101,153)	DRY(101,154)	DRY(101,170)	DRY(101,177)	DRY(101,178)
DRY(101,179)	DRY(101,180)	DRY(101,181)	DRY(101,182)	DRY(101,183)
DRY(101,184)	DRY(101,185)	DRY(101,186)	DRY(101,187)	DRY(101,188)
DRY(101,189)	DRY(101,190)	DRY(101,191)	DRY(101,192)	DRY(101,193)
DRY(101,194)	DRY(101,195)	DRY(101,196)	DRY(101,197)	DRY(101,198)
DRY(101,199)	DRY(101,200)	DRY(101,201)	DRY(101,202)	DRY(101,203)
DRY(101,204)	DRY(101,205)	DRY(102,110)	DRY(102,111)	DRY(102,112)
DRY(102,113)	DRY(102,114)	DRY(102,115)	DRY(102,116)	DRY(102,117)
DRY(102,118)	DRY(102,119)	DRY(102,120)	DRY(102,121)	DRY(102,122)
DRY(102,123)	DRY(102,124)	DRY(102,125)	DRY(102,126)	DRY(102,127)
DRY(102,128)	DRY(102,129)	DRY(102,130)	DRY(102,131)	DRY(102,132)
DRY(102,133)	DRY(102,134)	DRY(102,135)	DRY(102,136)	DRY(102,137)
DRY(102,138)	DRY(102,139)	DRY(102,140)	DRY(102,141)	DRY(102,142)
DRY(102,143)	DRY(102,144)	DRY(102,145)	DRY(102,146)	DRY(102,147)
DRY(102,148)	DRY(102,149)	DRY(102,150)	DRY(102,151)	DRY(102,152)
DRY(102,153)	DRY(102,154)	DRY(102,170)	DRY(102,177)	DRY(102,178)
DRY(102,179)	DRY(102,180)	DRY(102,181)	DRY(102,182)	DRY(102,183)
DRY(102,184)	DRY(102,185)	DRY(102,186)	DRY(102,187)	DRY(102,188)
DRY(102,189)	DRY(102,190)	DRY(102,191)	DRY(102,192)	DRY(102,193)
DRY(102,194)	DRY(102,195)	DRY(102,196)	DRY(102,197)	DRY(102,198)
DRY(102,199)	DRY(102,200)	DRY(102,201)	DRY(102,202)	DRY(102,203)
DRY(102,204)	DRY(102,205)	DRY(103,110)	DRY(103,111)	DRY(103,112)
DRY(103,113)	DRY(103,114)	DRY(103,115)	DRY(103,116)	DRY(103,117)
DRY(103,118)	DRY(103,119)	DRY(103,120)	DRY(103,121)	DRY(103,122)
DRY(103,123)	DRY(103,124)	DRY(103,125)	DRY(103,126)	DRY(103,127)
DRY(103,128)	DRY(103,129)	DRY(103,130)	DRY(103,131)	DRY(103,132)
DRY(103,133)	DRY(103,134)	DRY(103,135)	DRY(103,136)	DRY(103,137)
DRY(103,138)	DRY(103,139)	DRY(103,140)	DRY(103,141)	DRY(103,142)
DRY(103,143)	DRY(103,144)	DRY(103,145)	DRY(103,146)	DRY(103,147)
DRY(103,148)	DRY(103,149)	DRY(103,150)	DRY(103,151)	DRY(103,152)
DRY(103,153)	DRY(103,154)	DRY(103,177)	DRY(103,178)	DRY(103,179)
DRY(103,180)	DRY(103,181)	DRY(103,182)	DRY(103,183)	DRY(103,184)
DRY(103,185)	DRY(103,186)	DRY(103,187)	DRY(103,188)	DRY(103,189)
DRY(103,190)	DRY(103,191)	DRY(103,192)	DRY(103,193)	DRY(103,194)
DRY(103,195)	DRY(103,196)	DRY(103,197)	DRY(103,198)	DRY(103,199)
DRY(103,200)	DRY(103,201)	DRY(103,202)	DRY(103,203)	DRY(103,204)
DRY(104,110)	DRY(104,111)	DRY(104,112)	DRY(104,113)	DRY(104,114)
DRY(104,115)	DRY(104,116)	DRY(104,117)	DRY(104,118)	DRY(104,119)
DRY(104,120)	DRY(104,121)	DRY(104,122)	DRY(104,123)	DRY(104,124)
DRY(104,125)	DRY(104,126)	DRY(104,127)	DRY(104,128)	DRY(104,129)
DRY(104,130)	DRY(104,131)	DRY(104,132)	DRY(104,133)	DRY(104,134)
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DRY(104,145)	DRY(104,146)	DRY(104,147)	DRY(104,148)	DRY(104,149)
DRY(104,150)	DRY(104,151)	DRY(104,152)	DRY(104,153)	DRY(104,154)
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DRY(104,183)	DRY(104,184)	DRY(104,185)	DRY(104,186)	DRY(104,187)
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DRY(104,193)	DRY(104,194)	DRY(104,195)	DRY(104,196)	DRY(104,197)
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DRY(105,139)	DRY(105,140)	DRY(105,141)	DRY(105,142)	DRY(105,143)
DRY(105,144)	DRY(105,145)	DRY(105,146)	DRY(105,147)	DRY(105,148)
DRY(105,149)	DRY(105,150)	DRY(105,151)	DRY(105,152)	DRY(105,153)
DRY(105,154)	DRY(105,180)	DRY(105,181)	DRY(105,182)	DRY(105,183)
DRY(105,184)	DRY(105,185)	DRY(105,186)	DRY(105,187)	DRY(105,188)
DRY(105,189)	DRY(105,200)	DRY(105,201)	DRY(105,202)	DRY(106,110)
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DRY(106,116)	DRY(106,117)	DRY(106,118)	DRY(106,119)	DRY(106,120)
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DRY(106,126)	DRY(106,127)	DRY(106,128)	DRY(106,129)	DRY(106,130)
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DRY(106,146)	DRY(106,147)	DRY(106,148)	DRY(106,149)	DRY(106,150)
DRY(106,151)	DRY(106,152)	DRY(106,153)	DRY(106,154)	DRY(106,182)
DRY(106,183)	DRY(106,184)	DRY(106,185)	DRY(107,110)	DRY(107,111)
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DRY(107,137)	DRY(107,138)	DRY(107,139)	DRY(107,140)	DRY(107,141)
DRY(107,142)	DRY(107,143)	DRY(107,144)	DRY(107,145)	DRY(107,146)
DRY(107,147)	DRY(107,148)	DRY(107,149)	DRY(107,150)	DRY(107,151)
DRY(107,152)	DRY(107,153)	DRY(107,154)	DRY(108,110)	DRY(108,111)
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DRY(108,137)	DRY(108,138)	DRY(108,139)	DRY(108,140)	DRY(108,141)
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DRY(108,147)	DRY(108,148)	DRY(108,149)	DRY(108,150)	DRY(108,151)
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DRY(109,146)	DRY(109,147)	DRY(109,148)	DRY(109,149)	DRY(109,150)
DRY(109,151)	DRY(109,152)	DRY(109,153)	DRY(109,154)	DRY(110,110)
DRY(110,111)	DRY(110,112)	DRY(110,113)	DRY(110,114)	DRY(110,115)
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DRY(110,131)	DRY(110,132)	DRY(110,133)	DRY(110,134)	DRY(110,135)
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DRY(110,151)	DRY(110,152)	DRY(110,153)	DRY(110,154)	DRY(111,110)
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DRY(111,146)	DRY(111,147)	DRY(111,148)	DRY(111,149)	DRY(111,150)
DRY(111,151)	DRY(111,152)	DRY(111,153)	DRY(111,154)	DRY(112,110)
DRY(112,111)	DRY(112,112)	DRY(112,113)	DRY(112,114)	DRY(112,115)
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DRY(112,136)	DRY(112,137)	DRY(112,138)	DRY(112,139)	DRY(112,140)
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DRY(112,146)	DRY(112,147)	DRY(112,148)	DRY(112,149)	DRY(112,150)
DRY(112,151)	DRY(112,152)	DRY(112,153)	DRY(113,110)	DRY(113,111)
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DRY(113,142)	DRY(113,143)	DRY(113,144)	DRY(113,145)	DRY(113,146)
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DRY(113,152)	DRY(113,153)	DRY(114,110)	DRY(114,111)	DRY(114,112)
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DRY(114,118)	DRY(114,119)	DRY(114,120)	DRY(114,121)	DRY(114,122)
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DRY(114,128)	DRY(114,129)	DRY(114,130)	DRY(114,131)	DRY(114,132)
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DRY(114,138)	DRY(114,139)	DRY(114,140)	DRY(114,141)	DRY(114,142)
DRY(114,143)	DRY(114,144)	DRY(114,145)	DRY(114,146)	DRY(114,147)
DRY(114,148)	DRY(114,149)	DRY(114,150)	DRY(114,151)	DRY(114,152)

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DRY(115,140)	DRY(115,141)	DRY(115,142)	DRY(115,143)	DRY(115,144)
DRY(115,145)	DRY(115,146)	DRY(115,147)	DRY(115,148)	DRY(115,149)
DRY(115,150)	DRY(115,151)	DRY(115,152)	DRY(116,110)	DRY(116,111)
DRY(116,112)	DRY(116,113)	DRY(116,114)	DRY(116,115)	DRY(116,116)
DRY(116,117)	DRY(116,118)	DRY(116,119)	DRY(116,120)	DRY(116,121)
DRY(116,122)	DRY(116,123)	DRY(116,124)	DRY(116,125)	DRY(116,126)
DRY(116,127)	DRY(116,128)	DRY(116,129)	DRY(116,130)	DRY(116,131)
DRY(116,132)	DRY(116,133)	DRY(116,134)	DRY(116,135)	DRY(116,136)
DRY(116,137)	DRY(116,138)	DRY(116,139)	DRY(116,140)	DRY(116,141)
DRY(116,142)	DRY(116,143)	DRY(116,144)	DRY(116,145)	DRY(116,146)
DRY(116,147)	DRY(116,148)	DRY(116,149)	DRY(116,150)	DRY(116,151)
DRY(117,110)	DRY(117,111)	DRY(117,112)	DRY(117,113)	DRY(117,114)
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DRY(117,130)	DRY(117,131)	DRY(117,132)	DRY(117,133)	DRY(117,134)
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DRY(117,150)	DRY(118,110)	DRY(118,111)	DRY(118,112)	DRY(118,113)
DRY(118,114)	DRY(118,115)	DRY(118,116)	DRY(118,117)	DRY(118,118)
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DRY(118,124)	DRY(118,125)	DRY(118,126)	DRY(118,127)	DRY(118,128)
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DRY(118,134)	DRY(118,135)	DRY(118,136)	DRY(118,137)	DRY(118,138)
DRY(118,139)	DRY(118,140)	DRY(118,141)	DRY(118,142)	DRY(118,143)
DRY(118,144)	DRY(118,145)	DRY(118,146)	DRY(118,147)	DRY(118,148)
DRY(118,149)	DRY(119,110)	DRY(119,111)	DRY(119,112)	DRY(119,113)
DRY(119,114)	DRY(119,115)	DRY(119,116)	DRY(119,117)	DRY(119,118)
DRY(119,119)	DRY(119,120)	DRY(119,121)	DRY(119,122)	DRY(119,123)
DRY(119,124)	DRY(119,125)	DRY(119,126)	DRY(119,127)	DRY(119,128)
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DRY(119,134)	DRY(119,135)	DRY(119,136)	DRY(119,137)	DRY(119,138)
DRY(119,139)	DRY(119,140)	DRY(119,141)	DRY(119,142)	DRY(119,143)
DRY(119,144)	DRY(119,145)	DRY(119,146)	DRY(119,147)	DRY(119,148)
DRY(119,149)	DRY(120,110)	DRY(120,111)	DRY(120,112)	DRY(120,113)
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DRY(120,144)	DRY(120,145)	DRY(120,146)	DRY(120,147)	DRY(120,148)
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DRY(121,130)	DRY(121,131)	DRY(121,132)	DRY(121,133)	DRY(121,134)
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DRY(121,140)	DRY(121,141)	DRY(121,142)	DRY(121,143)	DRY(121,144)
DRY(121,145)	DRY(121,146)	DRY(121,147)	DRY(122,111)	DRY(122,112)
DRY(122,113)	DRY(122,114)	DRY(122,115)	DRY(122,116)	DRY(122,117)
DRY(122,118)	DRY(122,119)	DRY(122,120)	DRY(122,121)	DRY(122,122)
DRY(122,123)	DRY(122,124)	DRY(122,125)	DRY(122,126)	DRY(122,127)
DRY(122,128)	DRY(122,129)	DRY(122,130)	DRY(122,131)	DRY(122,132)
DRY(122,133)	DRY(122,134)	DRY(122,135)	DRY(122,136)	DRY(122,137)
DRY(122,138)	DRY(122,139)	DRY(122,140)	DRY(122,141)	DRY(122,142)
DRY(122,143)	DRY(122,144)	DRY(122,145)	DRY(122,146)	DRY(123,111)
DRY(123,112)	DRY(123,113)	DRY(123,114)	DRY(123,115)	DRY(123,116)
DRY(123,117)	DRY(123,118)	DRY(123,119)	DRY(123,120)	DRY(123,121)
DRY(123,122)	DRY(123,123)	DRY(123,124)	DRY(123,125)	DRY(123,126)
DRY(123,127)	DRY(123,128)	DRY(123,129)	DRY(123,130)	DRY(123,131)
DRY(123,132)	DRY(123,133)	DRY(123,134)	DRY(123,135)	DRY(123,136)
DRY(123,137)	DRY(123,138)	DRY(123,139)	DRY(123,140)	DRY(123,141)
DRY(123,142)	DRY(123,143)	DRY(123,144)	DRY(123,145)	DRY(124,112)
DRY(124,113)	DRY(124,114)	DRY(124,115)	DRY(124,116)	DRY(124,117)
DRY(124,118)	DRY(124,119)	DRY(124,120)	DRY(124,121)	DRY(124,122)
DRY(124,123)	DRY(124,124)	DRY(124,125)	DRY(124,126)	DRY(124,127)
DRY(124,128)	DRY(124,129)	DRY(124,130)	DRY(124,131)	DRY(124,132)
DRY(124,133)	DRY(124,134)	DRY(124,135)	DRY(124,136)	DRY(124,137)

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   DRY(124,143)   DRY(124,144)   DRY(124,145)   DRY(175,184)   DRY(176,182)
   DRY(178,185)   DRY(184,185)   DRY(196,201)   DRY(197,195)   DRY(197,196)
   DRY(197,197)   DRY(197,198)   DRY(197,199)   DRY(197,200)   DRY(197,201)
   DRY(197,202)   DRY(198,194)   DRY(198,195)   DRY(198,196)   DRY(198,197)
   DRY(198,198)   DRY(198,199)   DRY(198,200)   DRY(198,201)   DRY(198,202)
   DRY(199,195)   DRY(199,196)   DRY(199,197)   DRY(199,198)   DRY(199,199)
   DRY(199,200)   DRY(199,201)   DRY(199,202)   DRY(199,203)   DRY(200,195)
   DRY(200,196)   DRY(200,197)   DRY(200,198)   DRY(200,199)   DRY(200,200)
   DRY(200,201)   DRY(200,202)   DRY(200,203)   DRY(201,196)   DRY(201,197)
   DRY(201,198)   DRY(201,199)   DRY(201,200)   DRY(201,201)   DRY(201,202)
   DRY(202,197)   DRY(202,198)   DRY(202,199)   DRY(202,200)   DRY(202,201)
   DRY(202,202)   DRY(203,199)   DRY(203,200)   DRY(203,201)   DRY(203,202)
   DRY(217,167)   DRY(217,168)   DRY(218,167)   DRY(218,168)

CELL CONVERSIONS FOR ITER.=  1  LAYER=  2  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 66,140)   DRY( 66,141)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=  2  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,149)   DRY( 99,173)   WET(101,170)   WET(102,170)   WET(108,163)
   WET(175,184)   WET(176,182)   WET(178,185)   WET(184,185)   WET(197,195)
   WET(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=  3  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,172)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
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```
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=  4  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,173)   WET(100,172)   DRY(102,175)   DRY(109,162)   DRY(109,164)
   DRY(112,163)   DRY(174,185)   DRY(175,185)   DRY(177,183)   DRY(178,186)
   DRY(180,186)   DRY(197,194)   WET(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883502E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=  6  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(102,175)   WET(109,162)   WET(109,164)   DRY(111,162)   WET(112,163)
   WET(174,185)   WET(175,185)   DRY(175,188)   WET(177,183)   WET(178,186)
   WET(180,186)   WET(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=  7  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(105,161)   DRY(109,160)   DRY(176,183)   DRY(177,185)
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```
AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=  8  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(105,161)   DRY(107,185)   WET(109,160)   WET(111,162)   WET(175,188)
   WET(176,183)   WET(177,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=  9  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(112,162)   DRY(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 10  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 98,172)   WET(107,185)   WET(112,162)   DRY(114,163)   DRY(174,189)
   DRY(177,186)   DRY(179,186)   DRY(181,187)   DRY(197,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883502E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 11  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(113,161)   DRY(115,161)   DRY(177,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883502E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 12  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 98,172)   WET(113,161)   WET(114,163)   WET(115,161)   WET(174,189)
   DRY(176,185)   WET(177,184)   WET(177,186)   WET(179,186)   WET(181,187)
   WET(197,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 13  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(105,160)   DRY(106,160)   DRY(106,161)   DRY(108,160)   DRY(109,164)
   DRY(113,162)   DRY(175,186)   DRY(177,176)   DRY(177,178)   DRY(178,184)
   DRY(180,184)   DRY(180,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883502E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
```

```
                ACCELERATION PARAMETER =     0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =     0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =        10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 14  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(105,160)   WET(106,160)   WET(106,161)   WET(108,160)   WET(109,164)
   WET(113,162)   WET(175,186)   WET(176,185)   WET(177,176)   WET(177,178)
   WET(178,184)   WET(180,184)   WET(180,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =     0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =     0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =        10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 15  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(116,162)   DRY(178,178)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =     0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =     0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =        10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 16  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,174)   DRY(107,186)   DRY(110,162)   WET(116,162)   DRY(174,188)
   DRY(175,185)   DRY(176,184)   WET(178,178)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =     0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =     0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =        10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 17  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
```

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   DRY(100,171)   DRY(179,185)   DRY(195,195)   DRY(196,197)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 18  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,171)   WET(100,174)   WET(107,186)   WET(110,162)   WET(174,188)
   WET(175,185)   DRY(175,190)   WET(176,184)   WET(179,185)   WET(195,195)
   WET(196,197)   WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 19  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 98,169)   DRY( 98,170)   DRY( 99,172)   DRY(104,160)   DRY(106,162)
   DRY(175,181)   DRY(175,184)   DRY(177,179)   DRY(178,177)   DRY(182,185)
   DRY(183,184)   DRY(183,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 20  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 98,169)   WET( 98,170)   WET( 99,172)   WET(104,160)   WET(106,162)
   WET(175,181)   WET(175,184)   WET(175,190)   WET(177,179)   WET(178,177)
   WET(182,185)   WET(183,184)   WET(183,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002
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    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 21  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(102,174)   DRY(107,184)   DRY(178,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 22  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(102,174)   WET(107,184)   DRY(109,164)   DRY(173,189)   DRY(174,184)
   DRY(175,185)   DRY(176,186)   DRY(176,189)   WET(178,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 23  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,150)   DRY(111,163)   DRY(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
```

```
         ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 24  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,150)   DRY(102,170)   WET(109,164)   WET(111,163)   WET(173,189)
   WET(174,184)   WET(175,185)   WET(176,186)   WET(176,189)   WET(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 25  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,149)   DRY(107,162)   DRY(110,161)   DRY(174,187)   DRY(176,179)
   DRY(176,180)   DRY(176,184)   DRY(177,181)   DRY(177,185)   DRY(177,187)
   DRY(178,179)   DRY(178,180)   DRY(179,178)   DRY(179,179)   DRY(180,186)
   DRY(181,185)   DRY(181,186)   DRY(185,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 26  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,149)   DRY(101,175)   WET(102,170)   WET(107,162)   WET(110,161)
   WET(174,187)   WET(176,179)   WET(176,180)   WET(176,184)   WET(177,181)
   WET(177,185)   WET(177,187)   WET(178,179)   WET(178,180)   WET(179,178)
   WET(179,179)   WET(180,186)   WET(181,185)   WET(185,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
```

```
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 27  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(177,184)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 28  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(101,175)   DRY(107,185)   DRY(108,161)   DRY(175,187)   DRY(176,181)
   WET(177,184)   DRY(179,186)   DRY(179,187)   WET(181,186)   WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 29  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(114,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 30  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(107,185)   WET(108,161)   WET(114,162)   DRY(116,162)   WET(175,187)
   WET(176,181)   WET(179,186)   WET(179,187)
```

```
AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 31  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(109,164)   DRY(176,182)   DRY(176,184)   DRY(176,185)   DRY(178,181)
   DRY(184,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 32  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(101,174)   WET(109,164)   WET(116,162)   WET(176,182)   WET(176,184)
   WET(176,185)   WET(178,181)   WET(184,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 33  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(177,182)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 34  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(101,174)   DRY(109,161)   DRY(112,162)   DRY(175,186)   DRY(176,188)
   WET(177,182)   DRY(178,187)   DRY(180,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 36  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(109,161)   WET(112,162)   WET(175,186)   DRY(176,183)   WET(176,188)
   WET(178,187)   WET(180,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED
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```
CELL CONVERSIONS FOR ITER.= 37  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(108,162)   DRY(110,160)   DRY(111,162)   DRY(175,185)   DRY(176,178)
   DRY(178,182)   DRY(187,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 38  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(108,162)   WET(110,160)   WET(111,162)   WET(175,185)   WET(176,178)
   WET(176,183)   WET(178,182)   WET(187,185)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883506E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 39  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(101,174)   DRY(178,183)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883506E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 40  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(101,174)   DRY(173,190)   DRY(175,184)   DRY(176,187)   WET(178,183)
   DRY(178,186)   DRY(179,184)   DRY(180,186)   DRY(182,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:
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```
 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 41  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(102,170)   DRY(102,173)   DRY(113,162)   DRY(177,186)   DRY(196,196)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 42  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(101,174)   DRY(101,176)   WET(102,170)   WET(102,173)   WET(113,162)
   DRY(113,163)   DRY(116,162)   DRY(117,162)   WET(173,190)   DRY(174,186)
   WET(175,184)   WET(176,187)   WET(177,186)   WET(178,186)   WET(179,184)
   WET(180,186)   WET(182,185)   WET(196,196)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 43  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,151)   DRY(110,163)   DRY(175,185)   DRY(177,177)   DRY(177,178)
   DRY(177,180)   DRY(178,184)   DRY(179,182)   DRY(179,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 44  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,151)   WET(101,174)   WET(101,176)   WET(110,163)   WET(113,163)
   WET(116,162)   WET(117,162)   WET(174,186)   WET(175,185)   WET(177,177)
   WET(177,178)   WET(177,180)   WET(178,184)   WET(179,182)   WET(179,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 45  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,185)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883506E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 46  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,173)   DRY(100,173)   WET(107,185)   DRY(175,189)   DRY(177,183)
   DRY(178,185)   DRY(183,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10
```

```
    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 47  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(111,161)   DRY(112,161)   DRY(196,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 48  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,173)   WET(100,173)   DRY(101,175)   DRY(102,171)   WET(111,161)
   WET(112,161)   WET(175,189)   DRY(176,186)   WET(177,183)   WET(178,185)
   WET(183,185)   WET(196,195)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000000

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883506E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 49  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,170)   DRY( 99,172)   DRY(102,170)   DRY(106,161)   DRY(111,160)
   DRY(174,187)   DRY(175,182)   DRY(175,183)   DRY(176,185)   DRY(177,184)
   DRY(177,185)   DRY(179,180)   DRY(179,183)   DRY(180,179)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 50  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,170)   WET( 99,172)   WET(101,175)   WET(102,170)   WET(102,171)
   WET(106,161)   WET(111,160)   WET(174,187)   WET(175,182)   WET(175,183)
   WET(176,185)   WET(176,186)   WET(177,184)   WET(179,180)   WET(179,183)
```

```
   WET(180,179)   WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 51  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,149)   DRY(110,162)   DRY(115,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 52  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,149)   DRY(107,186)   WET(110,162)   DRY(111,164)   DRY(112,163)
   WET(115,162)   DRY(174,188)   DRY(176,184)   WET(177,185)   WET(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 54  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(107,186)   WET(111,164)   WET(112,163)   DRY(114,161)   DRY(115,163)
   DRY(116,162)   WET(174,188)   DRY(174,189)   WET(176,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 55  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(112,160)   DRY(113,160)   DRY(175,186)   DRY(175,188)   DRY(176,177)
   DRY(176,181)   DRY(177,179)   DRY(177,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 56  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(112,160)   WET(113,160)   WET(114,161)   WET(115,163)   WET(116,162)
   WET(174,189)   WET(175,186)   WET(175,188)   WET(176,177)   WET(176,181)
   WET(177,179)   WET(177,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10
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```
    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 57  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(113,161)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 58  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 97,170)   DRY( 98,172)   DRY(112,162)   WET(113,161)   DRY(175,185)
   DRY(175,187)   DRY(176,182)   DRY(183,186)   DRY(184,186)   DRY(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 59  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(101,174)   DRY(196,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 60  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 97,170)   WET( 98,172)   WET(101,174)   WET(112,162)   DRY(113,162)
   DRY(117,161)   WET(175,185)   WET(175,187)   WET(176,182)   WET(183,186)
   WET(184,186)   WET(196,194)   WET(197,194)

AVERAGE SEED = 0.00002146
```

```
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 61  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(174,185)   DRY(175,184)   DRY(176,180)   DRY(176,184)   DRY(179,186)
   DRY(180,180)   DRY(182,185)   DRY(182,186)   DRY(184,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 62  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(113,162)   DRY(114,162)   DRY(116,162)   WET(117,161)   WET(174,185)
   WET(175,184)   WET(176,180)   WET(176,184)   WET(179,186)   WET(180,180)
   WET(182,185)   WET(182,186)   WET(184,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 63  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,185)   DRY(111,163)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 64  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 98,171)   DRY(100,174)   DRY(102,174)   WET(107,185)   DRY(111,162)
   WET(111,163)   WET(114,162)   DRY(114,163)   WET(116,162)   DRY(175,185)
   DRY(178,185)   DRY(181,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 65  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(178,184)   DRY(196,198)   DRY(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 66  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 98,171)   WET(100,174)   WET(102,174)   WET(111,162)   WET(114,163)
   DRY(115,161)   DRY(118,162)   WET(175,185)   DRY(177,188)   WET(178,184)
   WET(178,185)   WET(181,186)   WET(196,198)   WET(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
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     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 67  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(109,162)   DRY(109,163)   DRY(175,180)   DRY(176,183)   DRY(176,184)
   DRY(176,185)   DRY(177,181)   DRY(177,186)   DRY(177,187)   DRY(178,178)
   DRY(179,185)   DRY(180,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 68  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(109,162)   WET(109,163)   WET(115,161)   WET(118,162)   WET(175,180)
   WET(176,183)   WET(176,184)   WET(176,185)   WET(177,181)   WET(177,186)
   WET(177,187)   WET(177,188)   WET(178,178)   DRY(178,186)   WET(179,185)
   WET(180,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 69  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,161)   DRY(107,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED
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CELL CONVERSIONS FOR ITER.= 70  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,149)   WET(107,161)   WET(107,184)   DRY(110,164)   DRY(116,162)
   WET(178,186)   DRY(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 71  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(110,161)   DRY(196,199)   DRY(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 72  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,149)   WET(110,161)   WET(110,164)   WET(116,162)   DRY(176,186)
   WET(196,199)   WET(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 73  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,171)   DRY(101,170)   DRY(177,182)   DRY(179,181)   DRY(179,184)
   DRY(180,185)   DRY(181,183)   DRY(181,184)   DRY(183,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:
```

```
 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 74  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,171)   WET(101,170)   WET(176,186)   WET(177,182)   WET(179,181)
   WET(179,184)   WET(180,185)   WET(181,183)   WET(181,184)   WET(183,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 75  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,172)   DRY(177,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 76  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,172)   DRY(175,186)   DRY(176,187)   WET(177,184)   DRY(178,187)
   DRY(180,186)   DRY(181,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000000

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
```

```
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 77  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,171)   DRY(118,161)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 78  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,171)   WET(118,161)   DRY(175,185)   WET(175,186)   WET(176,187)
   WET(178,187)   WET(180,186)   WET(181,185)   WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 79  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(104,160)   DRY(177,183)   DRY(177,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 80  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(104,160)   DRY(107,185)   WET(175,185)   WET(177,183)   WET(177,185)
```

```
AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 81  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(116,162)   DRY(175,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 82  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(107,185)   DRY(111,163)   DRY(112,162)   WET(116,162)   DRY(174,187)
   DRY(174,190)   WET(175,184)   DRY(178,183)   DRY(179,187)   DRY(180,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 83  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,172)   DRY(102,174)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10    .

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 84  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,172)   WET(102,174)   WET(111,163)   WET(112,162)   DRY(114,160)
   DRY(116,161)   WET(174,187)   WET(174,190)   DRY(176,188)   WET(178,183)
   WET(179,187)   WET(180,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 85  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(101,171)   DRY(175,185)   DRY(176,181)   DRY(177,178)   DRY(178,180)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 86  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,173)   WET(101,171)   WET(114,160)   WET(116,161)   WET(175,185)
   WET(176,181)   WET(176,188)   WET(177,178)   WET(178,180)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
```

```
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 87  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,150)   DRY(102,171)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 88  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,150)   WET( 99,173)   DRY(100,174)   WET(102,171)   DRY(107,186)
   DRY(116,162)   DRY(176,182)   DRY(176,185)   DRY(177,184)   DRY(178,185)
   DRY(179,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 89  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(110,162)   DRY(113,162)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 90  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,174)   WET(107,186)   WET(110,162)   WET(113,162)   WET(116,162)
   WET(176,182)   WET(176,185)   WET(177,184)   WET(178,185)   WET(179,186)
   WET(197,195)
```

```
AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 91  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,149)   DRY(177,176)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 92  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,149)   WET(177,176)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
```

```
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 94  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(175,187)   DRY(176,184)   DRY(178,188)   DRY(196,193)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 95  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,171)   DRY(110,163)   DRY(195,196)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 96  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,171)   WET(110,163)   DRY(116,162)   WET(175,187)   WET(176,184)
   WET(178,188)   WET(195,196)   WET(196,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 97  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(111,162)   DRY(114,161)   DRY(177,177)   DRY(177,186)
```

```
AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 98  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,185)   WET(111,162)   WET(114,161)   WET(116,162)   WET(177,177)
   WET(177,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.= 99  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,173)   DRY(109,161)   DRY(178,179)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=100  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,173)   DRY(102,176)   WET(107,185)   WET(109,161)   DRY(114,162)
   DRY(175,185)   DRY(175,186)   DRY(175,188)   DRY(176,183)   WET(178,179)
   DRY(178,184)   DRY(181,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
```

```
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=101  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(108,161)   DRY(112,161)   DRY(112,163)   DRY(196,197)   DRY(199,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=102  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(102,176)   WET(108,161)   DRY(111,161)   WET(112,161)   WET(112,163)
   WET(114,162)   DRY(116,162)   DRY(117,162)   WET(175,185)   WET(175,186)
   WET(175,188)   WET(176,183)   WET(178,184)   WET(181,185)   WET(196,197)
   WET(199,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=103  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(106,160)   DRY(175,184)   DRY(176,186)   DRY(177,185)   DRY(178,182)
   DRY(179,185)   DRY(182,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
```

```
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=104  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(106,160)   WET(111,161)   WET(116,162)   WET(117,162)   WET(175,184)
   WET(176,186)   WET(177,185)   WET(178,182)   WET(179,185)   WET(182,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=106  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 98,172)   DRY(109,163)   DRY(112,162)   DRY(174,188)   DRY(176,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=107  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,172)   DRY(175,185)   DRY(178,186)   DRY(196,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005
```

```
    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=108  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 98,172)   WET( 99,172)   WET(109,163)   WET(112,162)   DRY(115,162)
   DRY(116,162)   WET(174,188)   WET(175,185)   WET(176,184)   DRY(177,187)
   WET(178,186)   WET(196,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=109  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(177,179)   DRY(177,180)   DRY(177,184)   DRY(180,183)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=110  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(115,162)   WET(116,162)   WET(177,179)   WET(177,180)   WET(177,184)
   WET(177,187)   WET(180,183)   WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=111  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,149)   DRY(176,184)   DRY(176,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=112  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,149)   DRY(174,187)   WET(176,184)   WET(176,185)   DRY(181,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=113  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(101,170)   DRY(113,162)   DRY(115,160)   DRY(115,161)   DRY(178,181)
   DRY(178,185)   DRY(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED
```

```
CELL CONVERSIONS FOR ITER.=114  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(101,170)   WET(113,162)   WET(115,160)   WET(115,161)   DRY(116,162)
   WET(174,187)   WET(178,181)   WET(178,185)   WET(181,185)   WET(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=115  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(105,160)   DRY(105,161)   DRY(107,160)   DRY(107,163)   DRY(175,183)
   DRY(184,184)   DRY(185,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=116  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(105,160)   WET(105,161)   WET(107,160)   WET(107,163)   WET(116,162)
   WET(175,183)   WET(184,184)   WET(185,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=117  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004
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```
    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=118  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(175,185)   DRY(175,186)   DRY(175,189)   DRY(177,183)   DRY(179,186)
   DRY(181,186)   WET(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=119  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(102,175)   DRY(111,162)   DRY(116,162)   DRY(196,196)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000000

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=120  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(102,175)   WET(111,162)   DRY(113,161)   WET(116,162)   WET(175,185)
   WET(175,186)   WET(175,189)   DRY(176,189)   WET(177,183)   WET(179,186)
   WET(181,186)   WET(196,196)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=121  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(175,184)   DRY(175,187)   DRY(176,179)   DRY(176,180)   DRY(176,181)
   DRY(176,182)   DRY(176,187)   DRY(177,181)   DRY(177,182)   DRY(177,185)
   DRY(177,186)   DRY(179,184)   DRY(180,184)   DRY(180,186)   DRY(181,185)
   DRY(185,183)   DRY(186,183)   DRY(186,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=122  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,185)   WET(113,161)   WET(175,184)   WET(175,187)   WET(176,179)
   WET(176,180)   WET(176,181)   WET(176,182)   WET(176,187)   WET(176,189)
   WET(177,182)   WET(177,185)   WET(177,186)   WET(179,184)   WET(180,184)
   WET(180,186)   WET(181,185)   WET(185,183)   WET(186,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=123  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(179,183)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
```

```
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=124  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,174)   DRY(101,171)   WET(107,185)   DRY(109,162)   DRY(111,163)
   DRY(116,162)   DRY(174,186)   DRY(175,185)   DRY(176,186)   WET(177,181)
   DRY(177,184)   DRY(178,184)   WET(179,183)   WET(186,183)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=125  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(102,172)   DRY(196,198)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=126  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,174)   WET(101,171)   WET(102,172)   WET(109,162)   WET(111,163)
   DRY(114,163)   WET(116,162)   WET(174,186)   WET(175,185)   WET(176,186)
   WET(177,184)   WET(178,184)   WET(196,198)   WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=127  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
```

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   DRY(110,162)   DRY(176,183)   DRY(176,185)   DRY(179,182)   DRY(180,185)
   DRY(182,185)   DRY(183,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=128  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(110,162)   WET(114,163)   WET(176,183)   WET(176,185)   WET(179,182)
   WET(180,185)   WET(182,185)   WET(183,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=129  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(116,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=130  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 97,170)   DRY( 99,173)   DRY(102,175)   DRY(107,186)   WET(116,162)
   DRY(174,189)   DRY(176,185)   DRY(178,186)   DRY(179,185)   DRY(179,187)
   DRY(180,186)   DRY(181,187)

AVERAGE SEED = 0.00002174
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:
```

```
 0.000000E+00 0.883201E+00 0.986358E+00 0.998407E+00 0.999814E+00
 0.999978E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=131  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,172)   DRY(113,162)

AVERAGE SEED = 0.00002174
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883201E+00 0.986358E+00 0.998407E+00 0.999814E+00
 0.999978E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=132  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 97,170)   WET( 99,173)   WET(100,172)   WET(102,175)   WET(107,186)
   WET(113,162)   DRY(116,162)   WET(174,189)   WET(176,185)   WET(178,186)
   WET(179,185)   WET(179,187)   WET(180,186)   WET(181,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=133  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(108,163)   DRY(176,184)   DRY(178,183)   DRY(178,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
```

```
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=134  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(108,163)   WET(116,162)   WET(176,184)   WET(178,183)   WET(178,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=135  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=136  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,171)   WET(107,184)   DRY(116,162)   DRY(173,190)   DRY(174,187)
   DRY(175,184)   DRY(175,185)   DRY(175,186)   DRY(178,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=137  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(197,195)
```

```
AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=138  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 40,151)   WET(100,171)   WET(116,162)   WET(173,190)   WET(174,187)
   DRY(174,188)   WET(175,184)   WET(175,185)   WET(175,186)   WET(178,187)
   WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=139  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(110,161)   DRY(112,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=140  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 40,151)   WET(110,161)   WET(112,162)   WET(174,188)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883506E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=141  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,172)   DRY(102,175)   DRY(107,185)   DRY(116,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=142  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,172)   DRY(101,170)   WET(102,175)   WET(107,185)   DRY(108,162)
   DRY(111,164)   DRY(114,162)   WET(116,162)   DRY(174,185)   DRY(176,184)
   DRY(177,184)   DRY(177,185)   DRY(181,184)   DRY(196,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED
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CELL CONVERSIONS FOR ITER.=144  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(101,170)   WET(108,162)   DRY(109,161)   WET(111,164)   WET(114,162)
   DRY(116,162)   WET(174,185)   DRY(174,191)   WET(176,184)   WET(177,185)
   WET(181,184)   WET(196,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=145  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,161)   DRY(176,182)   DRY(177,178)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=146  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(107,161)   WET(109,161)   WET(116,162)   WET(174,191)   WET(176,182)
   WET(177,178)   WET(177,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=147  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006
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    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=148  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,174)   DRY(116,162)   DRY(176,186)   DRY(177,183)   DRY(177,186)
   DRY(179,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000000

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=149  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(196,199)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=150  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,174)   WET(116,162)   DRY(173,191)   WET(176,186)   WET(177,183)
   WET(177,186)   DRY(177,188)   DRY(178,189)   WET(179,186)   WET(196,199)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
```

```
         ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=151  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(111,162)   DRY(175,188)   DRY(176,181)   DRY(176,183)   DRY(176,184)
   DRY(176,185)   DRY(177,187)   DRY(178,184)   DRY(183,184)   DRY(186,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=152  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(111,162)   WET(173,191)   WET(175,188)   WET(176,181)   WET(176,183)
   WET(176,184)   WET(176,185)   WET(177,187)   WET(177,188)   WET(178,184)
   WET(178,189)   WET(183,184)   WET(186,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=153  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(116,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED
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```
CELL CONVERSIONS FOR ITER.=154  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,171)   DRY(102,175)   DRY(110,163)   WET(116,162)   DRY(175,184)
   DRY(175,185)   DRY(175,187)   DRY(176,187)   DRY(178,185)   DRY(182,185)
   DRY(182,186)   DRY(183,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=155  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,173)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=156  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,171)   WET(100,173)   WET(102,175)   WET(110,163)   WET(175,184)
   WET(175,185)   WET(175,187)   WET(176,187)   WET(178,185)   WET(182,185)
   WET(182,186)   WET(183,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=157  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 98,170)   DRY(107,162)   DRY(108,161)   DRY(109,160)   DRY(178,186)
   DRY(179,185)   DRY(181,185)   DRY(185,184)

AVERAGE SEED = 0.00002146
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```
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=158  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 98,170)   WET(107,162)   DRY(107,185)   WET(108,161)   WET(109,160)
   WET(178,186)   WET(179,185)   WET(181,185)   WET(185,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=159  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(110,162)   DRY(113,162)   DRY(116,162)   DRY(198,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=160  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(107,185)   WET(110,162)   WET(113,162)   WET(116,162)   DRY(176,188)
   DRY(179,184)   WET(198,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=161  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(183,185)   DRY(196,195)   DRY(197,194)   DRY(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=162  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(175,186)   WET(176,188)   WET(179,184)   WET(183,185)   WET(196,195)
   WET(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=163  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(174,187)   DRY(177,184)   DRY(177,185)   DRY(177,189)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED
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```
CELL CONVERSIONS FOR ITER.=164  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(174,187)   WET(175,186)   WET(177,184)   WET(177,185)   WET(177,189)
   WET(197,195)   WET(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=165  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(112,163)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=166  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,186)   WET(112,163)   DRY(113,163)   DRY(116,162)   DRY(176,185)
   DRY(176,186)   DRY(179,188)   DRY(180,185)   DRY(180,186)   WET(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=168  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(107,186)   WET(113,163)   WET(116,162)   DRY(173,189)   WET(176,185)
   WET(176,186)   WET(179,188)   WET(180,185)   WET(180,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=169  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(111,161)   DRY(112,162)   DRY(175,184)   DRY(176,184)   DRY(181,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=170  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,173)   WET(111,161)   WET(112,162)   WET(173,189)   WET(175,184)
   DRY(175,185)   WET(176,184)   WET(181,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
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```
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=171  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(115,162)   DRY(184,185)   DRY(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=172  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 98,172)   WET( 99,173)   WET(115,162)   DRY(174,189)   WET(175,185)
   DRY(179,186)   DRY(181,186)   WET(184,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=173  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(112,161)   DRY(114,161)   DRY(116,162)   DRY(195,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=174  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 98,172)   DRY(101,175)   WET(112,161)   WET(114,161)   WET(116,162)
   DRY(174,186)   WET(174,189)   WET(179,186)   WET(181,186)   WET(195,195)

AVERAGE SEED = 0.00002146
```

```
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=175  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(176,182)   DRY(177,179)   DRY(177,182)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=176  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(101,175)   WET(174,186)   WET(176,182)   WET(177,179)   WET(177,182)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=177  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,185)   DRY(111,163)   DRY(180,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
```

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          ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=178  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 98,171)   WET(107,185)   WET(111,163)   DRY(116,162)   DRY(117,162)
   DRY(176,183)   DRY(177,186)   DRY(178,184)   DRY(178,185)   WET(180,184)
   DRY(181,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


          SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
          ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=179  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(111,162)   DRY(196,197)   DRY(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


          SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
          ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=180  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 98,171)   WET(111,162)   WET(116,162)   WET(117,162)   DRY(174,188)
   WET(176,183)   WET(177,186)   WET(178,184)   WET(178,185)   DRY(180,187)
   WET(181,185)   WET(196,197)   WET(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


          SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
          ------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10
```

```
    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=181  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,172)   DRY(104,160)   DRY(108,160)   DRY(109,162)   DRY(115,161)
   DRY(177,180)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=182  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,172)   DRY(100,174)   WET(104,160)   WET(108,160)   WET(109,162)
   WET(115,161)   WET(174,188)   WET(177,180)   WET(180,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=183  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,184)   DRY(114,162)   DRY(197,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=184  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,174)   DRY(102,174)   WET(107,184)   WET(114,162)   DRY(114,163)
   DRY(116,162)   DRY(175,187)   DRY(175,188)   DRY(176,184)   DRY(178,187)
   WET(197,193)   DRY(198,194)

AVERAGE SEED = 0.00002146
```

```
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=185  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(113,162)   DRY(176,180)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=186  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(102,174)   WET(113,162)   WET(114,163)   WET(116,162)   WET(175,187)
   WET(175,188)   WET(176,180)   WET(176,184)   DRY(177,185)   WET(178,187)
   WET(197,195)   WET(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=187  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(175,185)   DRY(177,177)   DRY(178,182)   DRY(179,187)   DRY(196,198)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=188  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(175,185)   DRY(176,184)   WET(177,177)   WET(177,185)   WET(178,182)
   WET(179,187)   WET(196,198)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=190  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(110,164)   DRY(116,162)   DRY(175,186)   WET(176,184)   DRY(176,185)
   DRY(176,187)   DRY(178,186)   DRY(179,185)   DRY(183,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=191  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
```

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   DRY(112,162)    DRY(113,161)    DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=192  LAYER=  1  STEP=  1  PERIOD=  1    (ROW,COL)
   WET(110,164)    WET(112,162)    WET(113,161)    WET(116,162)    DRY(174,187)
   WET(175,186)    WET(176,185)    WET(176,187)    WET(178,186)    WET(179,185)
   WET(183,185)    WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=193  LAYER=  1  STEP=  1  PERIOD=  1    (ROW,COL)
   DRY(106,160)    DRY(175,184)    DRY(175,189)    DRY(176,181)    DRY(176,184)
   DRY(177,176)    DRY(177,183)    DRY(178,177)    DRY(178,180)    DRY(178,183)
   DRY(179,179)    DRY(185,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=194  LAYER=  1  STEP=  1  PERIOD=  1    (ROW,COL)
   WET(106,160)    DRY(107,185)    WET(174,187)    WET(175,184)    WET(175,189)
   WET(176,181)    WET(176,184)    WET(177,176)    WET(177,183)    WET(178,177)
   WET(178,180)    WET(178,183)    WET(179,179)    WET(185,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003
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    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=195  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(177,181)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=196  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(101,174)   WET(107,185)   DRY(116,162)   DRY(173,190)   DRY(175,185)
   WET(177,181)   DRY(177,184)   DRY(177,187)   DRY(177,188)   DRY(178,188)
   DRY(183,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=197  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(109,161)   DRY(109,163)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
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         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=198  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(101,174)   WET(109,161)   WET(109,163)   WET(116,162)   WET(173,190)
   WET(175,185)   DRY(175,190)   WET(177,184)   WET(177,187)   WET(177,188)
   WET(178,188)   WET(183,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=199  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(175,183)   DRY(179,186)   DRY(182,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=200  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(175,183)   WET(175,190)   WET(179,186)   WET(182,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED
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```
CELL CONVERSIONS FOR ITER.=201  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(176,186)   DRY(178,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=202  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(102,173)   DRY(107,186)   DRY(110,163)   DRY(113,162)   DRY(116,162)
   DRY(174,185)   DRY(176,182)   DRY(176,183)   WET(176,186)   WET(178,185)
   DRY(180,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000000

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=204  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(101,175)   WET(102,173)   WET(107,186)   WET(110,163)   WET(113,162)
   WET(116,162)   DRY(173,188)   WET(174,185)   DRY(174,190)   WET(176,182)
   WET(176,183)   DRY(176,190)   WET(180,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:
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```
 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=205  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,172)   DRY(110,162)   DRY(176,184)   DRY(177,186)   DRY(180,181)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000000

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=206  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,172)   WET(101,175)   WET(110,162)   WET(173,188)   WET(174,190)
   WET(176,184)   WET(176,190)   WET(177,186)   WET(180,181)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=207  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(116,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
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     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=208  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(116,162)   DRY(177,185)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883506E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=209  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(110,161)   DRY(177,178)   DRY(196,194)   DRY(196,195)   DRY(197,192)
   DRY(199,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=210  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(110,161)   DRY(175,185)   WET(177,178)   WET(177,185)   DRY(195,196)
   WET(196,194)   WET(196,195)   WET(197,192)   WET(199,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=211  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(106,161)   DRY(175,182)   DRY(175,187)   DRY(176,184)   DRY(177,184)
   DRY(178,178)   DRY(181,181)   DRY(181,182)   DRY(184,183)   DRY(184,185)
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```
AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=212  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(106,161)   DRY(107,185)   WET(175,182)   WET(175,185)   WET(175,187)
   WET(176,184)   WET(177,184)   WET(178,178)   WET(181,181)   WET(181,182)
   WET(184,183)   WET(184,185)   WET(195,196)   WET(197,195)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883506E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=213  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,171)   DRY(108,161)   DRY(116,162)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=214  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,171)   WET(107,185)   WET(108,161)   WET(116,162)   DRY(174,188)
   DRY(175,186)   DRY(176,185)   DRY(176,189)   DRY(182,185)   DRY(196,193)
   DRY(197,194)   DRY(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:
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```
 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=215  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(196,196)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=216  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(174,188)   WET(175,186)   WET(176,185)   WET(176,189)   WET(182,185)
   WET(196,193)   WET(196,196)   WET(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=217  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(111,162)   DRY(175,184)   DRY(176,180)   DRY(176,184)   DRY(176,188)
   DRY(177,179)   DRY(179,183)   DRY(180,182)   DRY(181,185)   DRY(183,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
```

```
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=218  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(111,162)   DRY(111,163)   WET(175,184)   WET(176,180)   WET(176,184)
   WET(176,188)   WET(177,179)   WET(179,183)   WET(180,182)   WET(181,185)
   WET(183,185)   WET(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=219  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(116,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=220  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,173)   DRY(100,174)   DRY(102,176)   WET(111,163)   WET(116,162)
   DRY(175,185)   DRY(177,182)   DRY(178,184)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=221  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
```

```
   DRY(112,162)    DRY(196,199)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=222  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,173)   WET(100,174)   WET(102,176)   WET(112,162)   DRY(173,187)
   DRY(174,187)   DRY(174,189)   WET(175,185)   WET(177,182)   WET(178,184)
   WET(196,199)

AVERAGE SEED = 0.00002145
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=223  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(175,181)   DRY(176,181)   DRY(176,187)   DRY(177,183)   DRY(178,181)
   DRY(178,186)   DRY(178,187)   DRY(179,180)   DRY(179,184)   DRY(180,185)
   DRY(180,186)   DRY(181,183)   DRY(181,184)   DRY(184,182)   DRY(187,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=224  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(116,162)   WET(173,187)   WET(174,187)   WET(174,189)   WET(175,181)
   WET(176,181)   WET(176,187)   WET(177,183)   WET(178,181)   WET(178,186)
   WET(178,187)   WET(179,180)   WET(179,184)   WET(180,185)   WET(180,186)
   WET(181,183)   WET(181,184)   WET(184,182)   WET(187,184)

AVERAGE SEED = 0.00002146
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```
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=225  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(114,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=226  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 98,172)   DRY( 99,172)   DRY(100,173)   DRY(112,163)   WET(114,162)
   WET(116,162)   DRY(176,183)   DRY(176,186)   DRY(178,185)   DRY(179,185)
   DRY(196,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=227  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(197,195)   DRY(199,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00
```

```
         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=228  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 98,172)   WET( 99,172)   WET(100,173)   WET(112,163)   WET(176,183)
   WET(176,186)   DRY(177,186)   WET(178,185)   WET(196,194)   WET(197,195)
   WET(199,193)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=229  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(176,182)   DRY(176,184)   DRY(178,179)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=230  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(176,182)   WET(176,184)   WET(177,186)   WET(178,179)   WET(179,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         -------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10
```

```
    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=232  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(113,162)   DRY(116,162)   DRY(175,188)   DRY(177,184)   DRY(177,185)
   DRY(177,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=233  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=234  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(113,162)   WET(116,162)   WET(175,188)   WET(177,184)   WET(177,185)
   WET(177,187)   WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
```

```
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=235  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(175,185)   DRY(176,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000007

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=236  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,185)   WET(175,185)   WET(176,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=237  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10
```

```
    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=238  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(107,185)   DRY(108,162)   DRY(175,184)   DRY(175,186)   DRY(175,187)
   DRY(176,184)   DRY(176,185)   DRY(179,186)   DRY(181,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=240  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(107,161)   WET(108,162)   DRY(116,162)   WET(175,184)   WET(175,186)
   WET(175,187)   WET(176,185)   WET(179,186)   WET(181,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=241  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(109,164)   DRY(110,162)   DRY(111,161)   DRY(114,161)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:
```

```
 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=242  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(107,161)   WET(109,164)   WET(110,162)   WET(111,161)   WET(114,161)
   WET(116,162)   WET(176,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=243  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(115,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=244  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(102,175)   DRY(107,186)   WET(115,162)   DRY(174,186)   DRY(175,185)
   DRY(179,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
```

```
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=245  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(109,162)   DRY(111,164)   DRY(112,161)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=246  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(102,175)   WET(107,186)   WET(109,162)   WET(111,164)   WET(112,161)
   DRY(116,162)   DRY(117,162)   WET(174,186)   WET(175,185)   WET(179,187)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=247  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(105,160)   DRY(111,162)   DRY(174,187)   DRY(177,180)   DRY(180,183)
   DRY(184,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=248  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(105,160)   WET(111,162)   DRY(112,162)   WET(116,162)   WET(117,162)
```

```
   WET(174,187)   WET(177,180)   WET(180,183)   WET(184,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=249  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(102,170)   DRY(107,184)   DRY(181,185)   DRY(196,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=250  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(102,170)   WET(107,184)   WET(112,162)   DRY(116,162)   DRY(174,188)
   DRY(177,188)   DRY(178,184)   DRY(178,185)   DRY(178,186)   WET(181,185)
   DRY(181,186)   DRY(182,185)   WET(196,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=251  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(101,170)   DRY(196,197)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
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```
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=252  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(101,170)   WET(116,162)   WET(174,188)   WET(177,188)   WET(178,184)
   WET(178,185)   WET(178,186)   WET(181,186)   WET(182,185)   WET(196,197)
   WET(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=253  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(176,183)   DRY(176,184)   DRY(176,186)   DRY(176,187)   DRY(177,177)
   DRY(177,186)   DRY(178,182)   DRY(185,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=254  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(176,183)   WET(176,184)   WET(176,186)   WET(176,187)   WET(177,177)
   WET(177,186)   WET(178,182)   WET(185,185)   WET(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
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```
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=255  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(102,175)   DRY(107,185)   DRY(110,163)   DRY(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=256  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 97,170)   DRY(100,172)   WET(102,175)   WET(107,185)   WET(110,163)
   DRY(113,162)   DRY(116,162)   DRY(177,185)   DRY(181,185)   WET(197,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000006

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=257  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(178,183)   DRY(196,198)   DRY(198,194)   DRY(198,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=258  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 97,170)   WET(100,172)   DRY(100,174)   WET(113,162)   WET(116,162)
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```
   DRY(173,190)   WET(177,185)   WET(178,183)   WET(181,185)   WET(196,198)
   WET(198,194)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=259  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(109,161)   DRY(174,185)   DRY(175,184)   DRY(175,185)   DRY(176,179)
   DRY(176,184)   DRY(176,185)   DRY(177,181)   DRY(180,184)   DRY(182,186)
   DRY(183,183)   DRY(183,184)   DRY(184,185)   DRY(186,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883503E+00 0.986428E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=260  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,174)   WET(109,161)   WET(173,190)   WET(174,185)   WET(175,184)
   WET(176,179)   WET(177,181)   WET(180,184)   WET(182,186)   WET(183,183)
   WET(183,184)   WET(184,185)   WET(186,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000005

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
```

```
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=262  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,171)   DRY( 99,173)   WET(175,185)   DRY(175,186)   WET(176,184)
   DRY(176,188)   DRY(177,184)   DRY(179,184)   DRY(179,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=263  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(113,161)   DRY(116,162)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=264  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,171)   WET( 99,173)   WET(113,161)   WET(116,162)   WET(175,186)
   WET(176,185)   WET(176,188)   WET(177,184)   WET(179,184)   WET(179,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
```

```
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=265  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(110,161)   DRY(176,181)   DRY(177,178)   DRY(180,185)   DRY(183,185)
   DRY(185,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=266  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(110,161)   DRY(114,162)   WET(176,181)   WET(177,178)   WET(180,185)
   WET(183,185)   WET(185,184)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=267  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(100,171)   DRY(197,195)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
               ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=268  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(100,171)   WET(114,162)   DRY(116,162)   DRY(178,187)   DRY(180,186)
   DRY(182,185)   WET(197,195)
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AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000001

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=270  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(116,162)   DRY(175,187)   WET(178,187)   WET(180,186)   WET(182,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=271  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(110,160)   DRY(177,183)   DRY(178,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00


         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
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```
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=272  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET(110,160)   WET(175,187)   WET(177,183)   WET(178,185)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000004

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=273  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY( 99,172)   DRY(102,174)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=274  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   WET( 99,172)   DRY(101,175)   WET(102,174)   DRY(107,185)   DRY(111,163)
   DRY(176,182)   DRY(179,186)

AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000003

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883505E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00



         SOLUTION BY THE STRONGLY IMPLICIT PROCEDURE
         --------------------------------------------
MAXIMUM ITERATIONS ALLOWED FOR CLOSURE =     2000
                ACCELERATION PARAMETER =    0.10000E-01
     HEAD CHANGE CRITERION FOR CLOSURE =    0.30000E-01
     SIP HEAD CHANGE PRINTOUT INTERVAL =       10

    CALCULATE ITERATION PARAMETERS FROM MODEL CALCULATED WSEED

CELL CONVERSIONS FOR ITER.=275  LAYER=  1  STEP=  1  PERIOD=  1   (ROW,COL)
   DRY(184,186)   DRY(186,185)   DRY(197,195)   DRY(198,193)
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AVERAGE SEED = 0.00002146
MINIMUM SEED = 0.00000002

    6 ITERATION PARAMETERS CALCULATED FROM AVERAGE SEED:

 0.000000E+00 0.883504E+00 0.986429E+00 0.998419E+00 0.999816E+00
 0.999979E+00

  275 ITERATIONS FOR TIME STEP   1 IN STRESS PERIOD    1

MAXIMUM HEAD CHANGE FOR EACH ITERATION:

   HEAD CHANGE   HEAD CHANGE   HEAD CHANGE   HEAD CHANGE   HEAD CHANGE
 LAYER,ROW,COL LAYER,ROW,COL LAYER,ROW,COL LAYER,ROW,COL LAYER,ROW,COL
-----------------------------------------------------------------------
    0.3762E-01    0.4442E-01    0.7091E-01    0.3374E-01    0.6123E-01
 (  1,179,185) (  1,113,162) (  1,175,185) (  1,178,185) (  1,174,187)
    0.5334E-01    0.4341E-01    0.5150E-01    0.7133E-01    0.7861E-01
 (  1,177,177) (  1,176,182) (  1,176,183) (  1,175,184) (  1,176,183)
    0.4513E-01    0.1311        0.3998E-01    0.5306E-01    0.6427E-01
 (  1,174,187) (  1,175,183) (  1,176,183) (  1,112,162) (  1,176,185)
    0.3647E-01    0.4834E-01    0.1472        0.4694E-01    0.4593E-01
 (  1,177,176) (  1,113,162) (  1,176,183) (  1,177,178) (  1,177,179)
    0.4724E-01    0.7480E-01    0.5117E-01    0.1806        0.5566E-01
 (  1,175,184) (  1,177,179) (  1,112,163) (  1,177,180) (  1,177,180)
    0.3737E-01    0.5545E-01    0.3644E-01    0.4094E-01    0.1732
 (  1,112,162) (  1,174,187) (  1,177,179) (  1,174,187) (  1,176,181)
    0.4080E-01    0.5566E-01    0.6661E-01    0.7543E-01    0.5589E-01
 (  1,176,181) (  1,176,182) (  1,176,185) (  1,176,182) (  1,114,162)
    0.1077        0.3961E-01    0.4969E-01    0.5105E-01    0.7297E-01
 (  1,176,182) (  1,112,162) (  1,176,183) (  1,101,175) (  1,176,183)
    0.5928E-01    0.1111        0.4633E-01    0.4629E-01    0.7610E-01
 (  1,114,162) (  1,176,183) (  1,175,184) (  1,113,162) (  1,175,184)
    0.5684E-01    0.3437E-01    0.1836        0.4012E-01    0.4342E-01
 (  1,177,178) (  1,176,187) (  1,176,183) (  1,176,183) (  1,113,162)
    0.6164E-01    0.4804E-01    0.5307E-01    0.1414        0.4225E-01
 (  1,178,185) (  1,177,178) (  1,113,163) (  1,177,178) (  1,177,178)
    0.5132E-01    0.7572E-01    0.3781E-01    0.5977E-01    0.1246
 (  1,113,162) (  1,176,185) (  1,177,184) (  1,115,162) (  1,177,179)
    0.5258E-01    0.5724E-01    0.7129E-01    0.6801E-01    0.5217E-01
 (  1,115,162) (  1,112,162) (  1,176,185) (  1,112,162) (  1,115,162)
    0.1197        0.4521E-01    0.5439E-01    0.6480E-01    0.4539E-01
 (  1,176,180) (  1,176,182) (  1,113,162) (  1,175,184) (  1,111,162)
    0.4009E-01    0.1184        0.3797E-01    0.5230E-01    0.6281E-01
 (  1,174,187) (  1,177,179) (  1,113,162) (  1,113,162) (  1,176,185)
    0.4791E-01    0.3259E-01    0.1087        0.4103E-01    0.5143E-01
 (  1,177,182) (  1,176,186) (  1,177,179) (  1,113,162) (  1,113,162)
    0.7082E-01    0.5076E-01    0.8082E-01    0.7930E-01    0.3896E-01
 (  1,176,185) (  1,176,183) (  1,113,162) (  1,176,183) (  1,114,162)
    0.4603E-01    0.7382E-01    0.3192E-01    0.5859E-01    0.1307
 (  1,112,162) (  1,178,185) (  1,177,178) (  1,114,162) (  1,177,178)
    0.3784E-01    0.4759E-01    0.6943E-01    0.3255E-01    0.3507E-01
 (  1,113,162) (  1,113,162) (  1,177,185) (  1,177,178) (  1,111,163)
    0.1134        0.4425E-01    0.4400E-01    0.5414E-01    0.3638E-01
 (  1,177,178) (  1,113,162) (  1,177,178) (  1,176,185) (  1,180,178)
    0.4417E-01    0.9061E-01    0.4059E-01    0.4315E-01    0.6222E-01
 (  1,115,162) (  1,176,183) (  1,177,178) (  1,113,162) (  1,177,185)
    0.3513E-01    0.5650E-01    0.1345        0.4548E-01    0.4684E-01
 (  1,176,183) (  1,114,162) (  1,176,183) (  1,178,180) (  1,112,162)
    0.6572E-01    0.7178E-01    0.6920E-01    0.1196        0.3450E-01
 (  1,177,185) (  1,177,180) (  1,114,162) (  1,176,180) (  1,114,162)
    0.5620E-01    0.5564E-01    0.6044E-01    0.4118E-01    0.2036
 (  1,112,162) (  1,178,185) (  1,112,162) (  1,114,162) (  1,176,184)
    0.4258E-01    0.4356E-01    0.9023E-01    0.4017E-01    0.6640E-01
 (  1,180,183) (  1,113,162) (  1,175,184) (  2,176,183) (  1,176,185)
    0.1149        0.4036E-01    0.4579E-01    0.1019        0.5960E-01
 (  1,176,182) (  1,114,162) (  1,176,183) (  1,176,184) (  1,176,183)
    0.5322E-01    0.1546        0.4228E-01    0.4530E-01    0.1020
 (  1,114,162) (  1,176,183) (  1,176,183) (  1,113,162) (  1,176,185)
    0.4175E-01    0.4263E-01    0.9231E-01    0.4754E-01    0.3896E-01
 (  1,176,183) (  1,175,187) (  1,176,183) (  1,113,162) (  1,112,162)
    0.8541E-01    0.4349E-01    0.5313E-01    0.7857E-01    0.3706E-01
 (  1,178,185) (  2,176,185) (  1,115,162) (  1,175,184) (  1,114,162)
    0.4965E-01    0.7576E-01    0.4164E-01    0.4312E-01    0.8591E-01
 (  1,112,162) (  1,176,184) (  1,111,162) (  1,174,187) (  1,177,185)
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   0.4415E-01    0.4833E-01    0.8877E-01    0.6207E-01    0.4874E-01
 ( 1,176,182) ( 1,176,184) ( 1,176,185) ( 1,176,184) ( 1,174,187)
   0.1148        0.4108E-01    0.4512E-01    0.9023E-01    0.4838E-01
 ( 1,175,184) ( 1,114,162) ( 1,175,184) ( 1,175,185) ( 1,176,183)
   0.4060E-01    0.9897E-01    0.3910E-01    0.3052E-01    0.7223E-01
 ( 1,175,185) ( 1,176,183) ( 1,113,162) ( 1,177,184) ( 1,177,185)
   0.3110E-01    0.5511E-01    0.8626E-01    0.3574E-01    0.4107E-01
 ( 1,185,184) ( 1,174,187) ( 1,176,181) ( 1,107,186) ( 1,112,162)
   0.7282E-01    0.5079E-01    0.6043E-01    0.7648E-01    0.4882E-01
 ( 1,175,184) ( 1,112,162) ( 1,174,187) ( 1,176,181) ( 1,176,181)
   0.4788E-01    0.5541E-01    0.4602E-01    0.3061E-01    0.1065
 ( 1,113,162) ( 1,175,185) ( 1,111,162) ( 1,176,188) ( 1,177,179)
   0.4537E-01    0.3835E-01    0.6704E-01    0.4257E-01    0.6735E-01
 ( 1,115,162) ( 1,115,162) ( 1,178,185) ( 1,176,183) ( 1,114,162)
   0.1299        0.3643E-01    0.5664E-01    0.7083E-01    0.4942E-01
 ( 1,176,183) ( 1,113,162) ( 1,113,162) ( 1,177,185) ( 1,176,180)
   0.4808E-01    0.1762        0.5127E-01    0.4976E-01    0.7623E-01
 ( 1,114,162) ( 1,176,183) ( 1,176,180) ( 1,112,162) ( 1,175,185)
   0.4781E-01    0.5305E-01    0.1410        0.3760E-01    0.4585E-01
 ( 1,111,162) ( 1,174,187) ( 1,176,181) ( 1,114,162) ( 1,113,162)
   0.5969E-01    0.4172E-01    0.7751E-01    0.1506        0.4619E-01
 ( 1,174,187) ( 1,177,177) ( 1,114,162) ( 1,176,183) ( 1,176,183)
   0.4899E-01    0.5885E-01    0.6825E-01    0.5241E-01    0.1714
 ( 1,176,183) ( 1,176,186) ( 1,176,183) ( 1,176,186) ( 1,176,183)
   0.4436E-01    0.4869E-01    0.4889E-01    0.3834E-01    0.3664E-01
 ( 1,176,183) ( 1,113,162) ( 1,113,162) ( 2,176,184) ( 1,174,187)
   0.1217        0.4727E-01    0.4631E-01    0.5738E-01    0.6901E-01
 ( 1,177,178) ( 1,177,178) ( 1,113,162) ( 1,175,185) ( 1,178,183)
   0.4347E-01    0.1243        0.3454E-01    0.3303E-01    0.5711E-01
 ( 1,175,186) ( 1,177,179) ( 1,176,180) ( 1,177,179) ( 1,174,187)
   0.3816E-01    0.4791E-01    0.9736E-01    0.5386E-01    0.4120E-01
 ( 1,181,180) ( 1,174,187) ( 1,177,179) ( 1,176,183) ( 1,176,183)
   0.7299E-01    0.4253E-01    0.4986E-01    0.6530E-01    0.3829E-01
 ( 1,176,184) ( 1,180,178) ( 1,114,162) ( 1,176,183) ( 1,176,183)
   0.4653E-01    0.7326E-01    0.5290E-01    0.4682E-01    0.6838E-01
 ( 1,112,162) ( 1,177,185) ( 1,111,162) ( 1,176,186) ( 1,175,185)
   0.3673E-01    0.3903E-01    0.7816E-01    0.4842E-01    0.5406E-01
 ( 1,176,183) ( 1,112,162) ( 1,175,184) ( 1,112,162) ( 1,175,186)
   0.1119        0.3809E-01    0.4011E-01    0.5505E-01    0.5724E-01
 ( 1,176,182) ( 1,113,162) ( 1,113,162) ( 1,113,162) ( 1,179,185)
   0.3059E-01    0.1275        0.4074E-01    0.4230E-01    0.5501E-01
 ( 1,174,189) ( 1,176,180) ( 1,184,184) ( 1,176,183) ( 1,174,187)
   0.4549E-01    0.4746E-01    0.1201        0.4847E-01    0.4382E-01
 ( 1,111,162) ( 1,174,187) ( 1,176,183) ( 1,184,184) ( 1,112,162)
   0.5849E-01    0.5385E-01    0.3556E-01    0.1002        0.4367E-01
 ( 1,177,185) ( 1,111,162) ( 1,174,187) ( 1,175,184) ( 1,115,162)
   0.3926E-01    0.8147E-01    0.5112E-01    0.3514E-01    0.7759E-01
 ( 1,112,162) ( 1,175,184) ( 1,112,162) ( 1,175,185) ( 1,177,178)
   0.4349E-01    0.4175E-01    0.7679E-01    0.3208E-01    0.2641E-01
 ( 1,177,178) ( 1,112,162) ( 1,176,185) ( 2,176,186) ( 1,174,187)


HEAD/DRAWDOWN PRINTOUT FLAG = 1     TOTAL BUDGET PRINTOUT FLAG = 1
CELL-BY-CELL FLOW TERM FLAG = 1

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:
  HEAD    DRAWDOWN  HEAD  DRAWDOWN
PRINTOUT  PRINTOUT  SAVE    SAVE
----------------------------------
    0         0       1       1
UBUDSV SAVING "   CONSTANT HEAD" ON UNIT154 AT TIME STEP  1, STRESS PERIOD    1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT154 AT TIME STEP  1, STRESS PERIOD    1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT154 AT TIME STEP  1, STRESS PERIOD    1
UBUDSV SAVING "FLOW LOWER FACE " ON UNIT154 AT TIME STEP  1, STRESS PERIOD    1
UBUDSV SAVING "   RIVER LEAKAGE" ON UNIT154 AT TIME STEP  1, STRESS PERIOD    1
UBUDSV SAVING " HEAD DEP BOUNDS" ON UNIT154 AT TIME STEP  1, STRESS PERIOD    1
UBUDSV SAVING "        RECHARGE" ON UNIT154 AT TIME STEP  1, STRESS PERIOD    1
------------------
CALIBRATION PACKAGE OUTPUT
CALIBRATION OUTPUT POINTS
------------------
           LAYER    COLUMN     ROW            BLOCK VALUE          INTERPOLATED VALUE
             1       132       148            0.658486E+03            0.658399E+03
             5       131       148            0.662662E+03            0.662516E+03
             5       129       146            0.663276E+03            0.663149E+03
             3       127       150            0.658900E+03            0.658957E+03
```
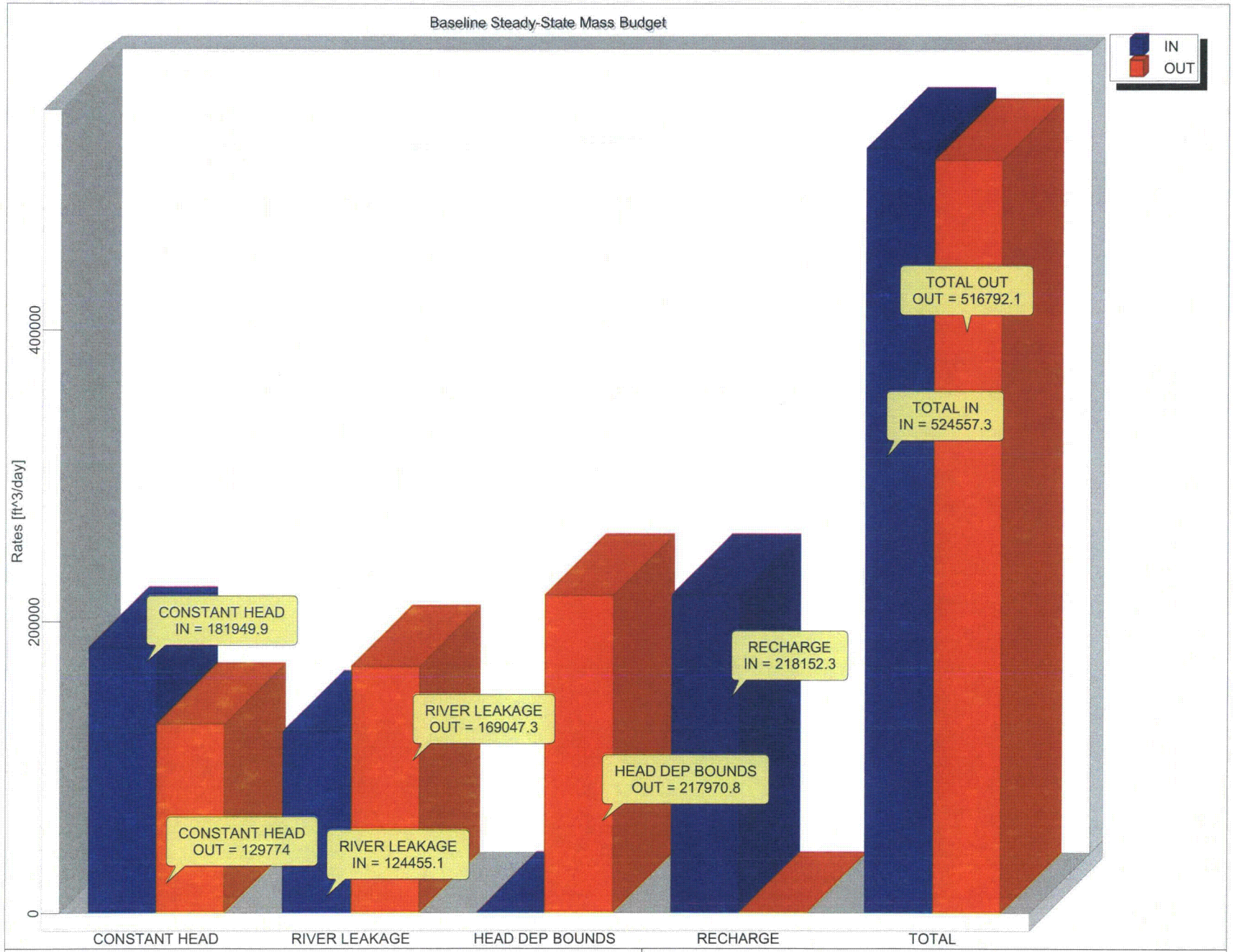

3	133	154	0.658859E+03	0.658959E+03
1	193	134	0.671700E+03	0.671635E+03
1	192	134	0.671557E+03	0.671557E+03
1	191	134	0.671411E+03	0.671408E+03
1	193	130	0.671780E+03	0.671715E+03
5	193	134	0.670205E+03	0.670203E+03
1	136	37	0.718871E+03	0.718826E+03
3	135	37	0.718134E+03	0.717994E+03
6	135	37	0.717961E+03	0.717846E+03
1	226	96	0.681398E+03	0.681358E+03
5	226	95	0.679622E+03	0.679551E+03
6	226	96	0.678315E+03	0.678353E+03
1	198	20	0.697958E+03	0.697921E+03
1	198	20	0.697958E+03	0.697879E+03
4	199	20	0.709325E+03	0.708771E+03
1	90	158	0.654870E+03	0.654937E+03
6	90	158	0.658153E+03	0.658138E+03
1	198	216	0.642050E+03	0.641840E+03
6	198	216	0.617390E+03	0.617000E+03
1	155	183	0.656621E+03	0.656649E+03
1	232	167	0.670971E+03	0.670946E+03
5	232	166	0.655923E+03	0.655579E+03
2	122	132	0.665529E+03	0.665538E+03
4	123	132	0.668018E+03	0.668016E+03
4	125	132	0.668298E+03	0.668244E+03
4	126	138	0.664525E+03	0.664619E+03
3	128	161	0.657642E+03	0.657585E+03
3	148	156	0.659978E+03	0.659937E+03
4	146	157	0.659934E+03	0.659997E+03
3	165	73	0.700419E+03	0.700634E+03
3	173	93	0.688127E+03	0.688156E+03
2	171	117	0.670301E+03	0.670257E+03
2	136	84	0.712308E+03	0.711890E+03
3	137	96	0.693159E+03	0.693313E+03
4	120	72	0.696973E+03	0.696891E+03
3	150	66	0.705456E+03	0.705309E+03
4	137	80	0.698642E+03	0.698700E+03
3	115	99	0.685247E+03	0.685460E+03
2	102	108	0.671215E+03	0.671010E+03
3	108	120	0.671091E+03	0.670871E+03
3	122	117	0.678000E+03	0.678081E+03
3	148	91	0.694457E+03	0.694441E+03
3	152	118	0.676869E+03	0.677069E+03
1	172	122	0.669142E+03	0.669057E+03

```
***Link-MT3DMS Package***
OPENING LINK-MT3DMS OUTPUT FILE: K:\Wbgm\Client
ON UNIT NUMBER:   175
FILE TYPE: UNFORMATTED
HEADER OPTION: EXTENDED
***Link-MT3DMS Package***


SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT  175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP    1, STRESS PERIOD    1


HEAD WILL BE SAVED ON UNIT  150 AT END OF TIME STEP   1, STRESS PERIOD    1

DRAWDOWN WILL BE SAVED ON UNIT  151 AT END OF TIME STEP   1, STRESS PERIOD    1
1
 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP  1 IN STRESS PERIOD   1
 ------------------------------------------------------------------------------

    CUMULATIVE VOLUMES      L**3       RATES FOR THIS TIME STEP      L**3/T
    ------------------                 ------------------------

          IN:                                   IN:
          ---                                   ---
            STORAGE =           0.0000              STORAGE =           0.0000
      CONSTANT HEAD =   199235136.0000        CONSTANT HEAD =      181949.8906
      RIVER LEAKAGE =   136278320.0000        RIVER LEAKAGE =      124455.0938
    HEAD DEP BOUNDS =           0.0000      HEAD DEP BOUNDS =           0.0000
           RECHARGE =   238876752.0000             RECHARGE =      218152.2812
```

```
          TOTAL IN =   574390208.0000              TOTAL IN =      524557.2500

        OUT:                                     OUT:
        ----                                     ----
           STORAGE =          0.0000               STORAGE =           0.0000
     CONSTANT HEAD =   142102496.0000         CONSTANT HEAD =      129773.9688
     RIVER LEAKAGE =   185106784.0000         RIVER LEAKAGE =      169047.2969
   HEAD DEP BOUNDS =   238678064.0000       HEAD DEP BOUNDS =      217970.8281
          RECHARGE =          0.0000              RECHARGE =           0.0000

         TOTAL OUT =   565887360.0000             TOTAL OUT =      516792.0625

          IN - OUT =     8502848.0000              IN - OUT =        7765.1875

PERCENT DISCREPANCY =          1.49     PERCENT DISCREPANCY =           1.49


        TIME SUMMARY AT END OF TIME STEP   1 IN STRESS PERIOD    1
                  SECONDS     MINUTES      HOURS       DAYS        YEARS
                  ---------------------------------------------------------
  TIME STEP LENGTH 9.46080E+07 1.57680E+06  26280.      1095.0      2.9979
STRESS PERIOD TIME 9.46080E+07 1.57680E+06  26280.      1095.0      2.9979
       TOTAL TIME 9.46080E+07 1.57680E+06  26280.      1095.0      2.9979
1
```

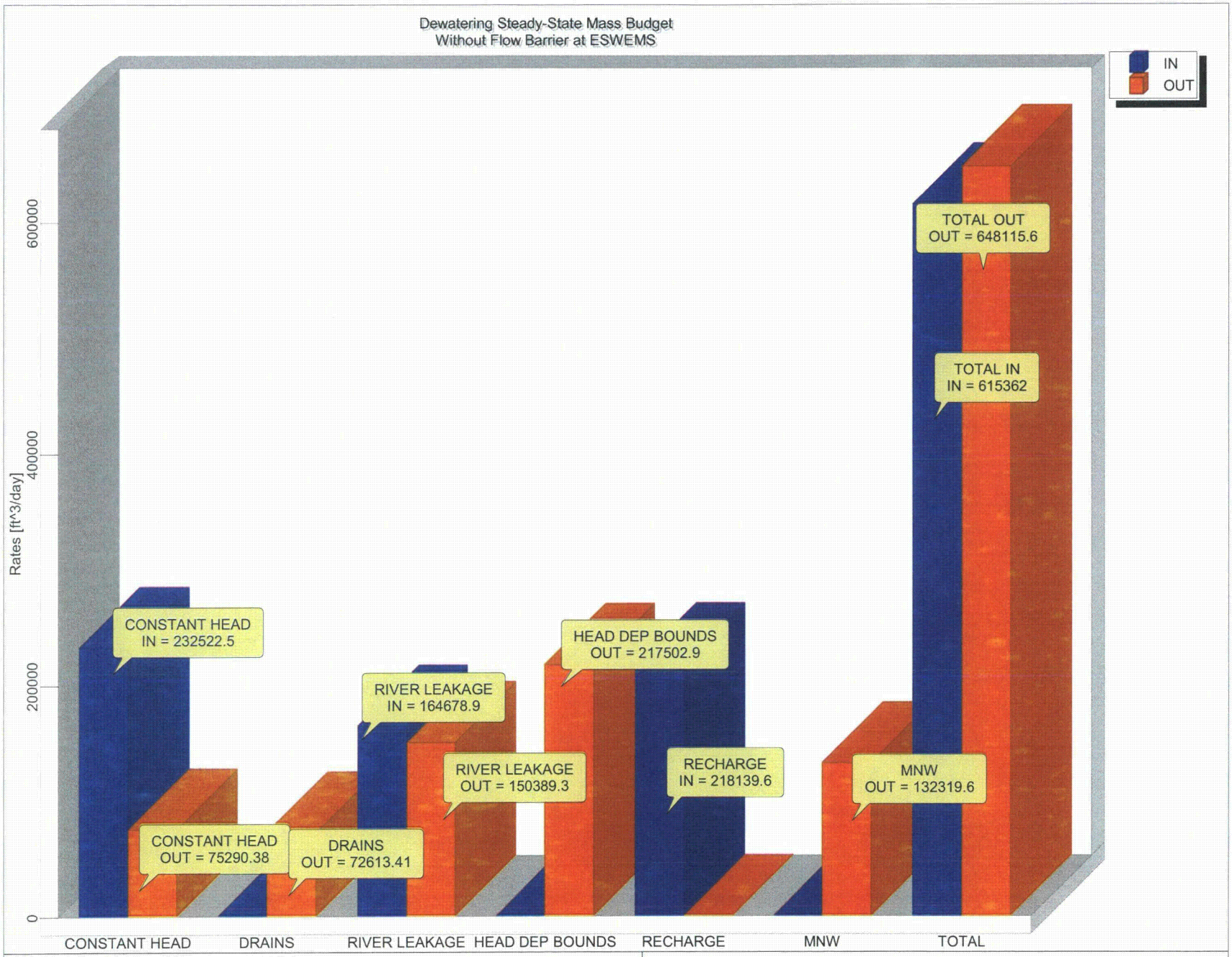
APPENDIX C

Baseline and Dewatering Flow Model Mass Budgets



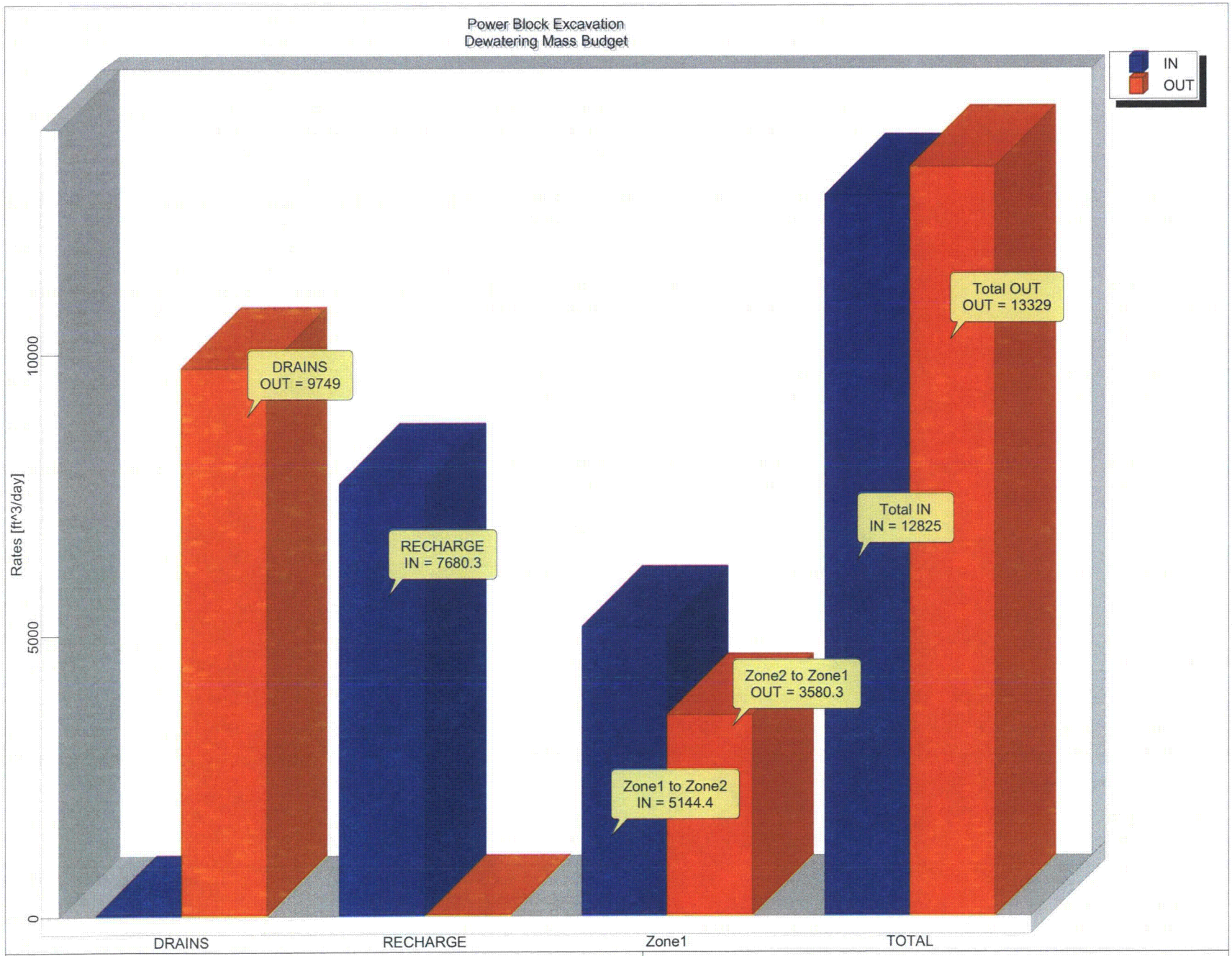
BBNPP Non-Safety Related
Mass Balance: MODFLOW
Date: 9/11/2010

Baseline Mass Budget



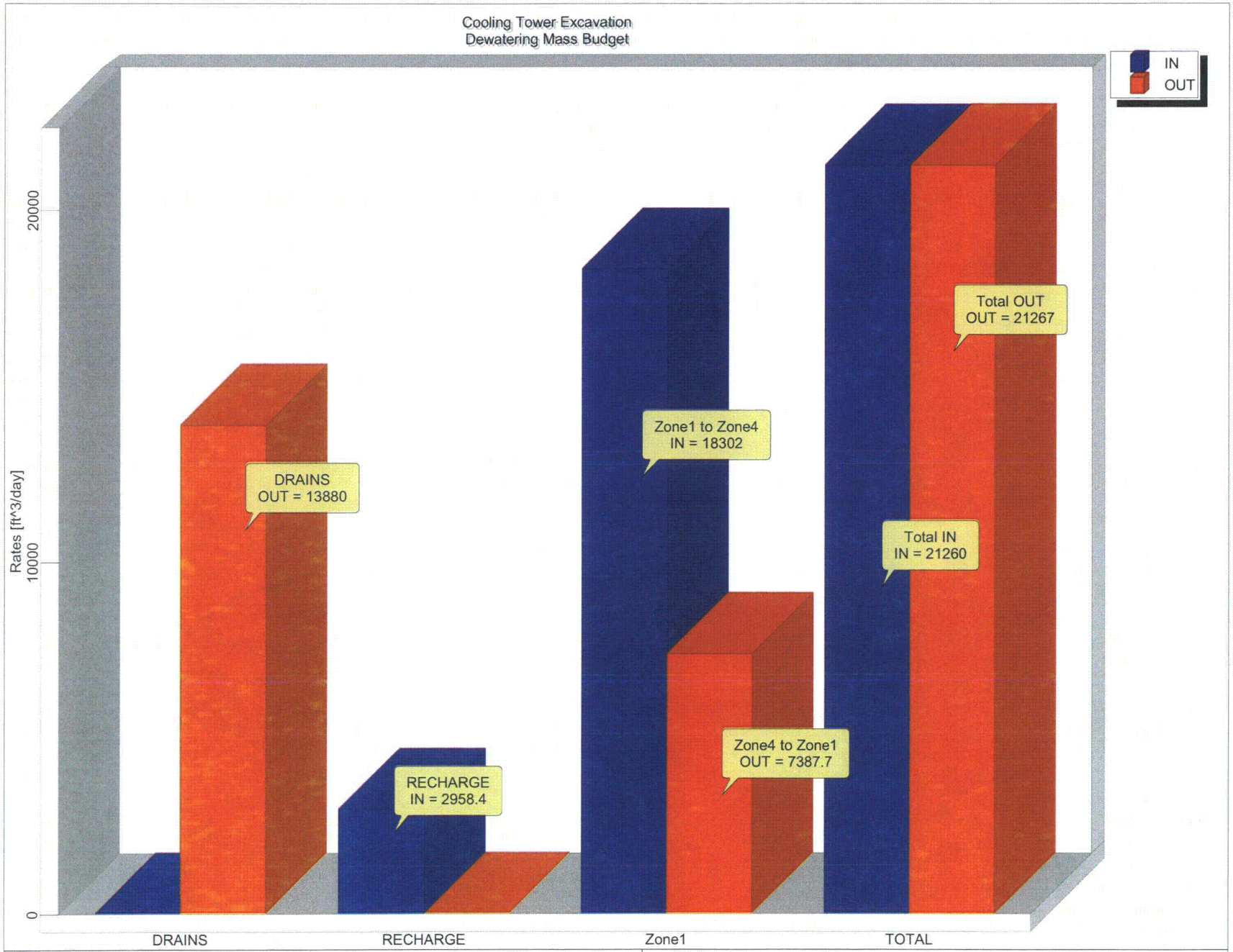
BBNPP Non-Safety Related
Mass Balance: MODFLOW
Date: 9/18/2010

Dewatering Mass Budget
Without Flow Barrier at ESWEMS



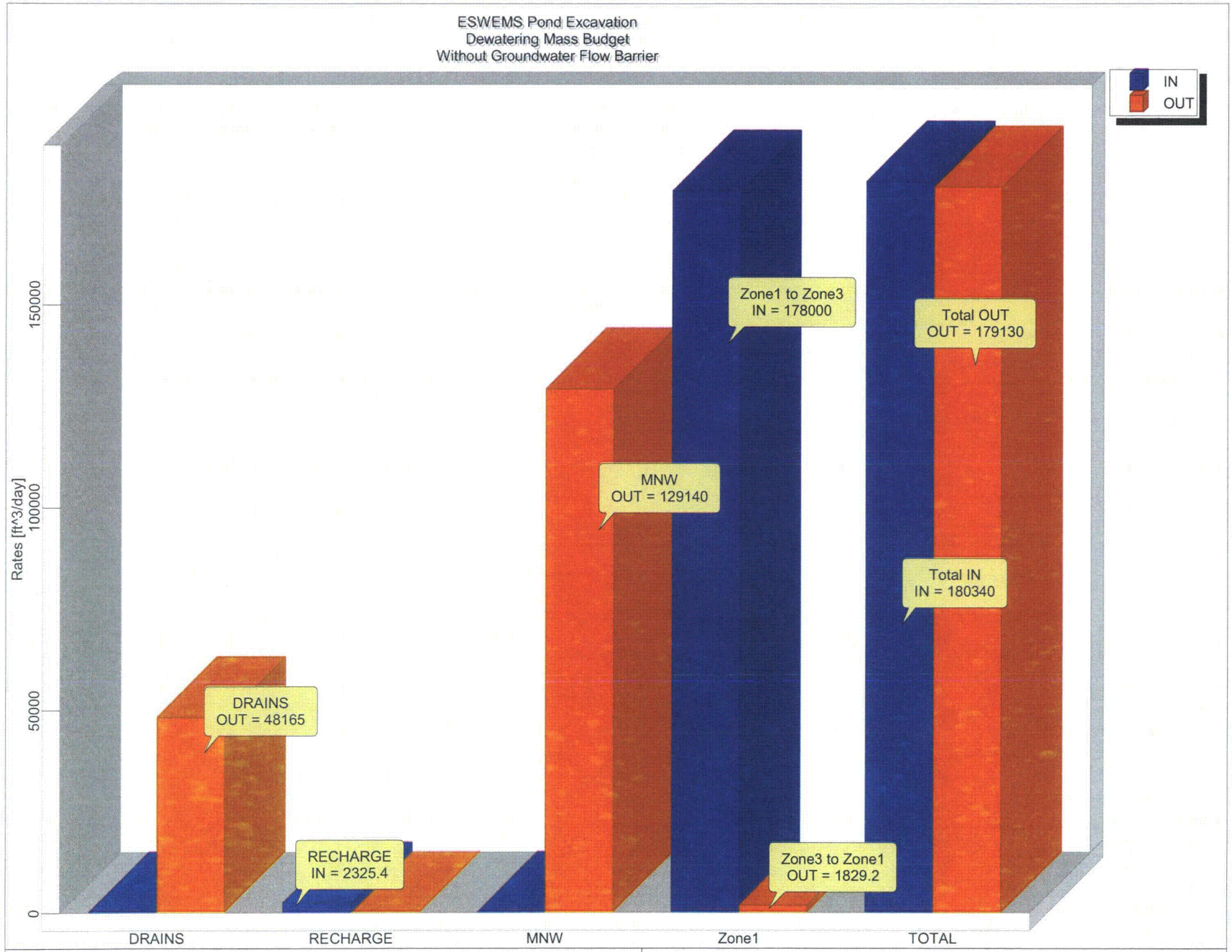
BBNPP Non-Safety Related
Mass Balance: MODFLOW
Date: 9/18/2010

Power Block Excavation
Dewatering Mass Budget



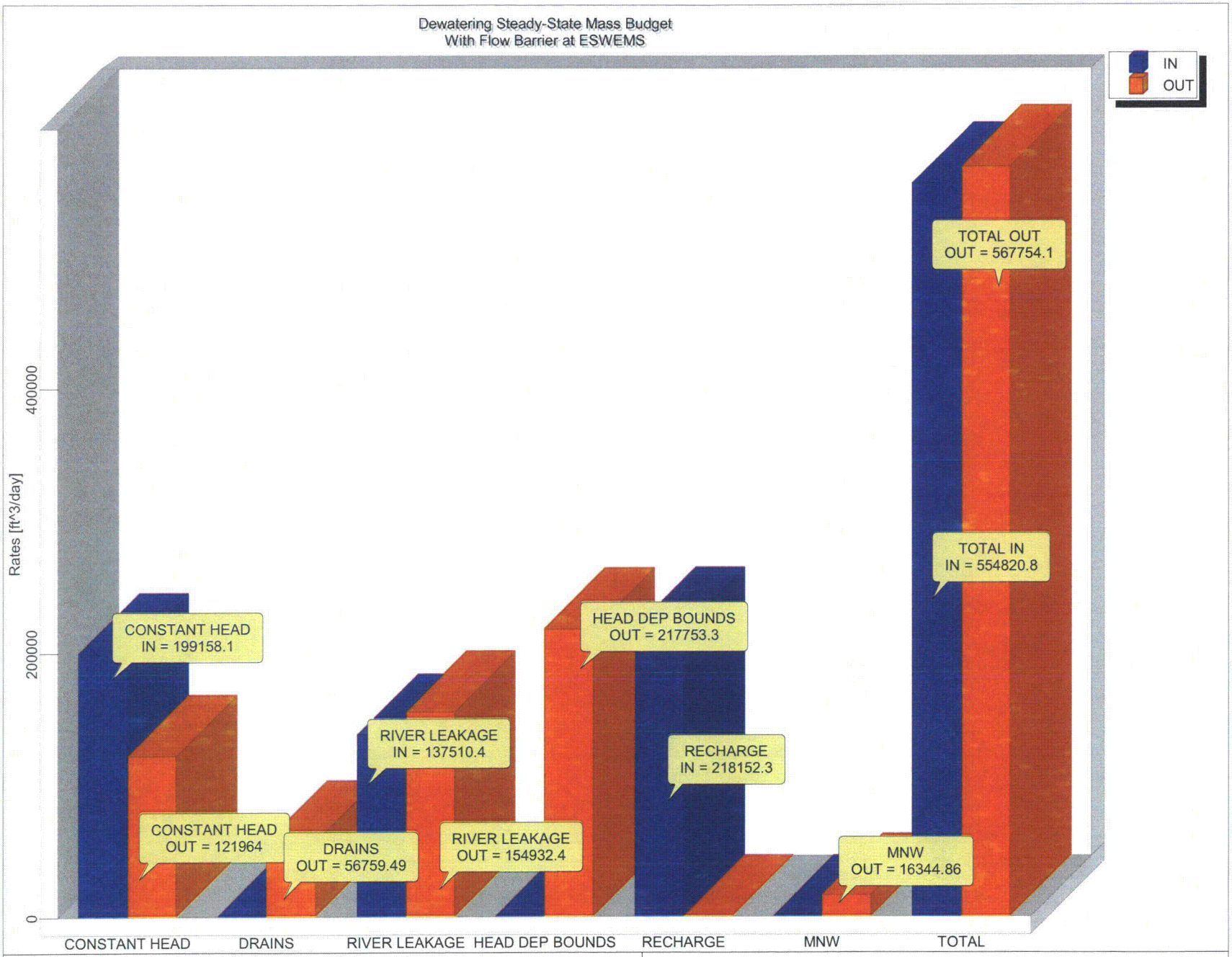
BBNPP Non-Safety Related
Mass Balance: MODFLOW
Date: 9/18/2010

Cooling Tower Excavation
Dewatering Mass Budget



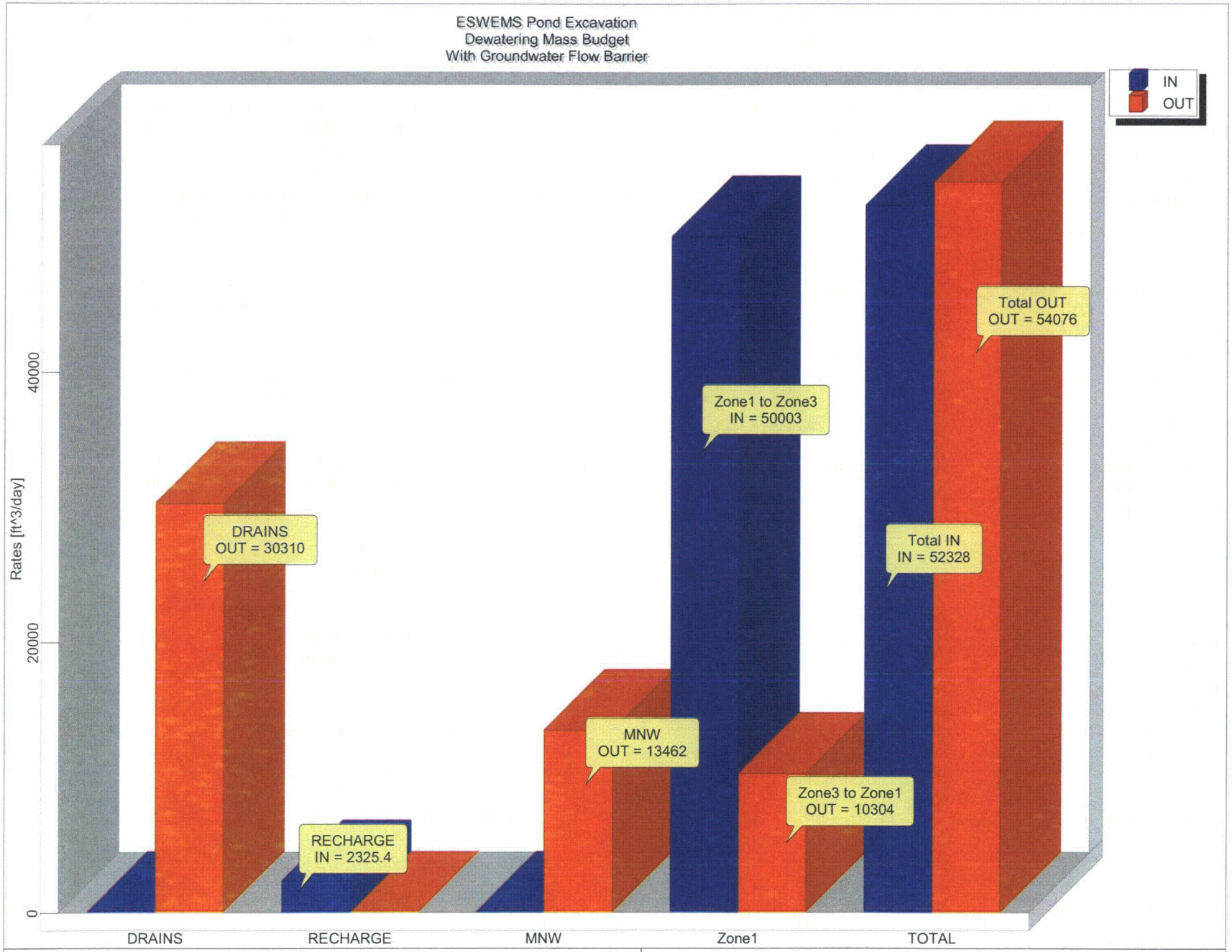
BBNPP Non-Safety Related
Mass Balance: MODFLOW
Date: 9/18/2010

ESWEMS Pond Excavation
Dewatering Mass Budget
Without Groundwater Flow Barrier



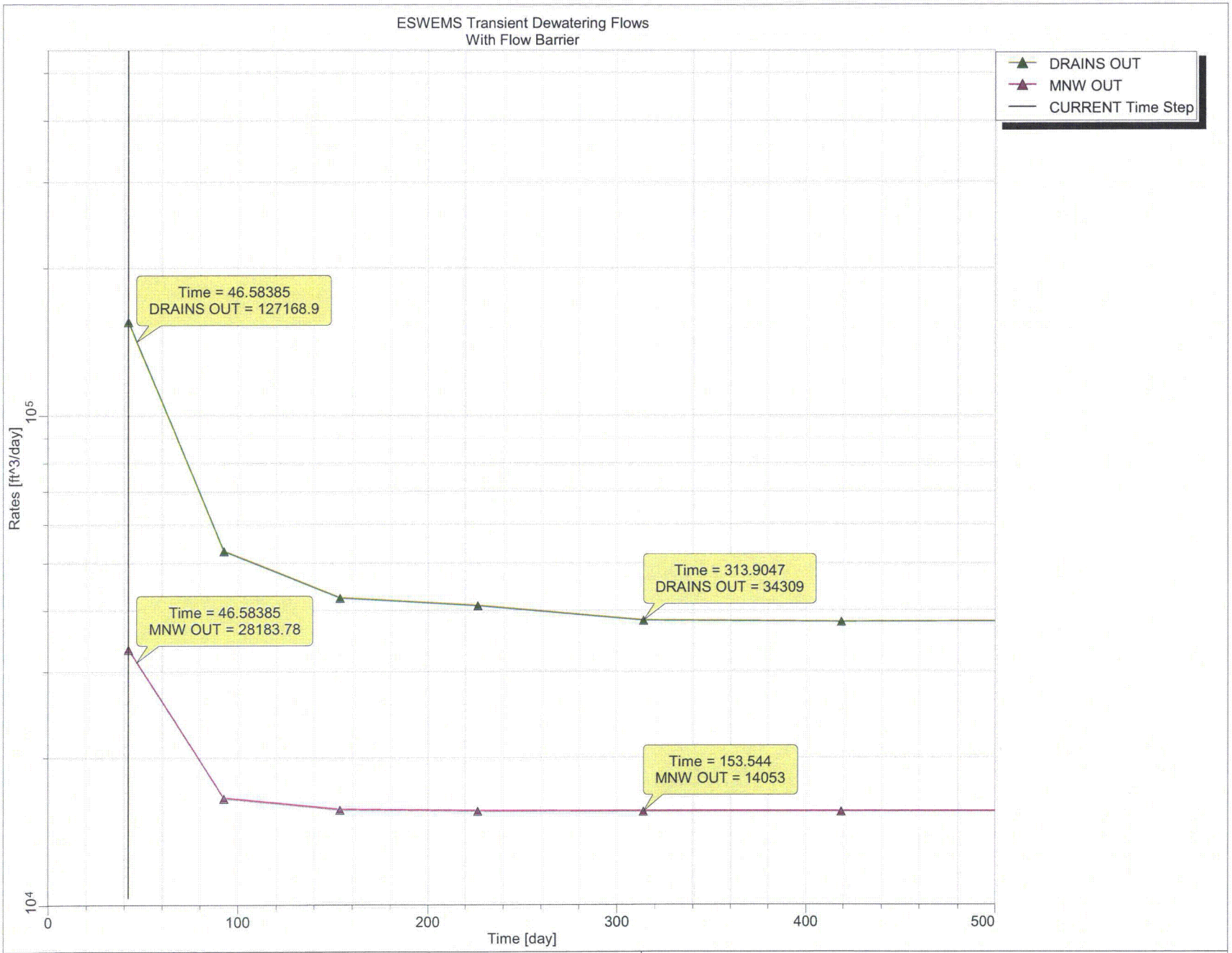
BBNPP Non-Safety Related
Mass Balance: MODFLOW
Date: 9/18/2010

Dewatering Mass Budget
With Flow Barrier at ESWEMS

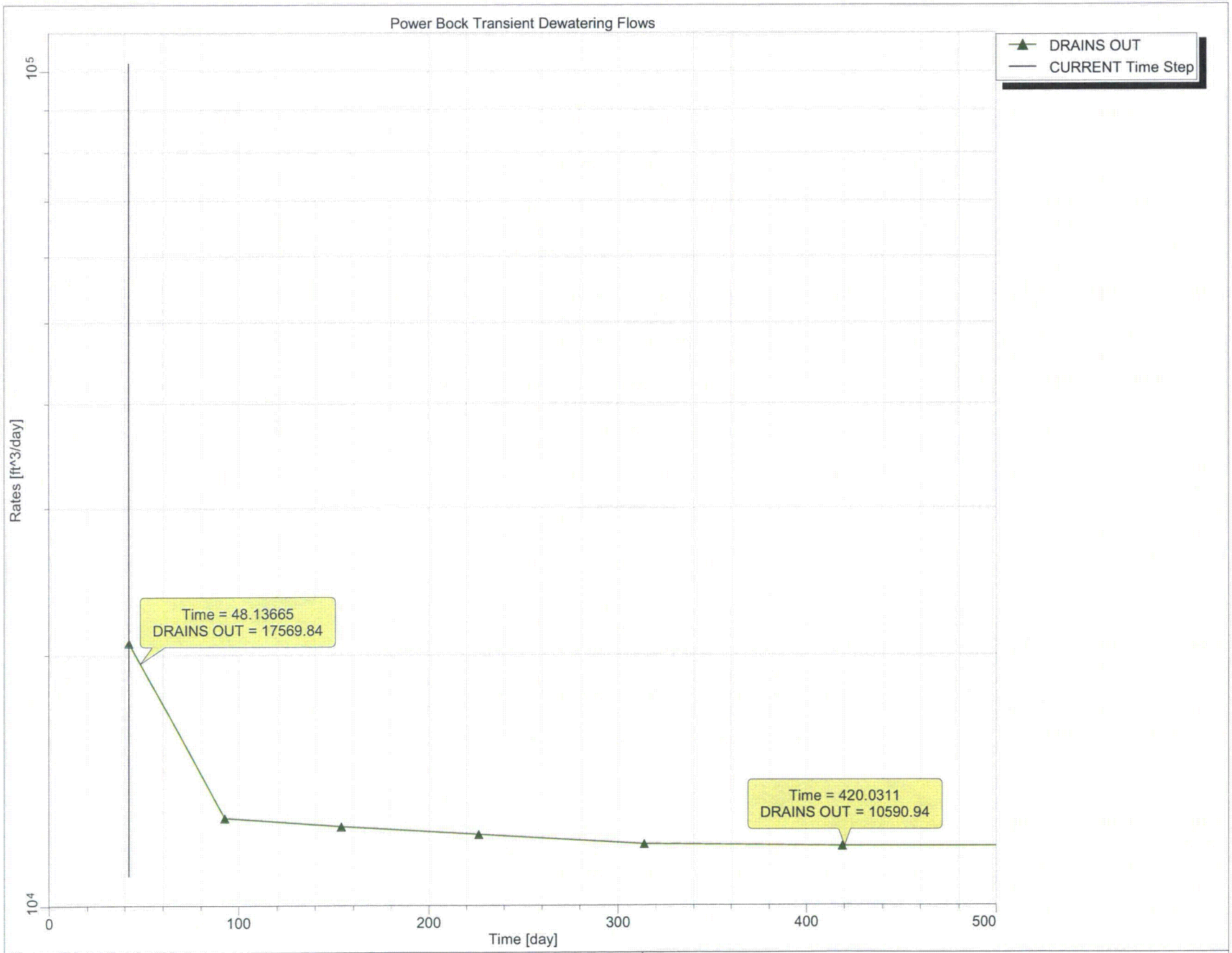


BBNPP Non-Safety Related
Mass Balance: MODFLOW
Date: 9/18/2010

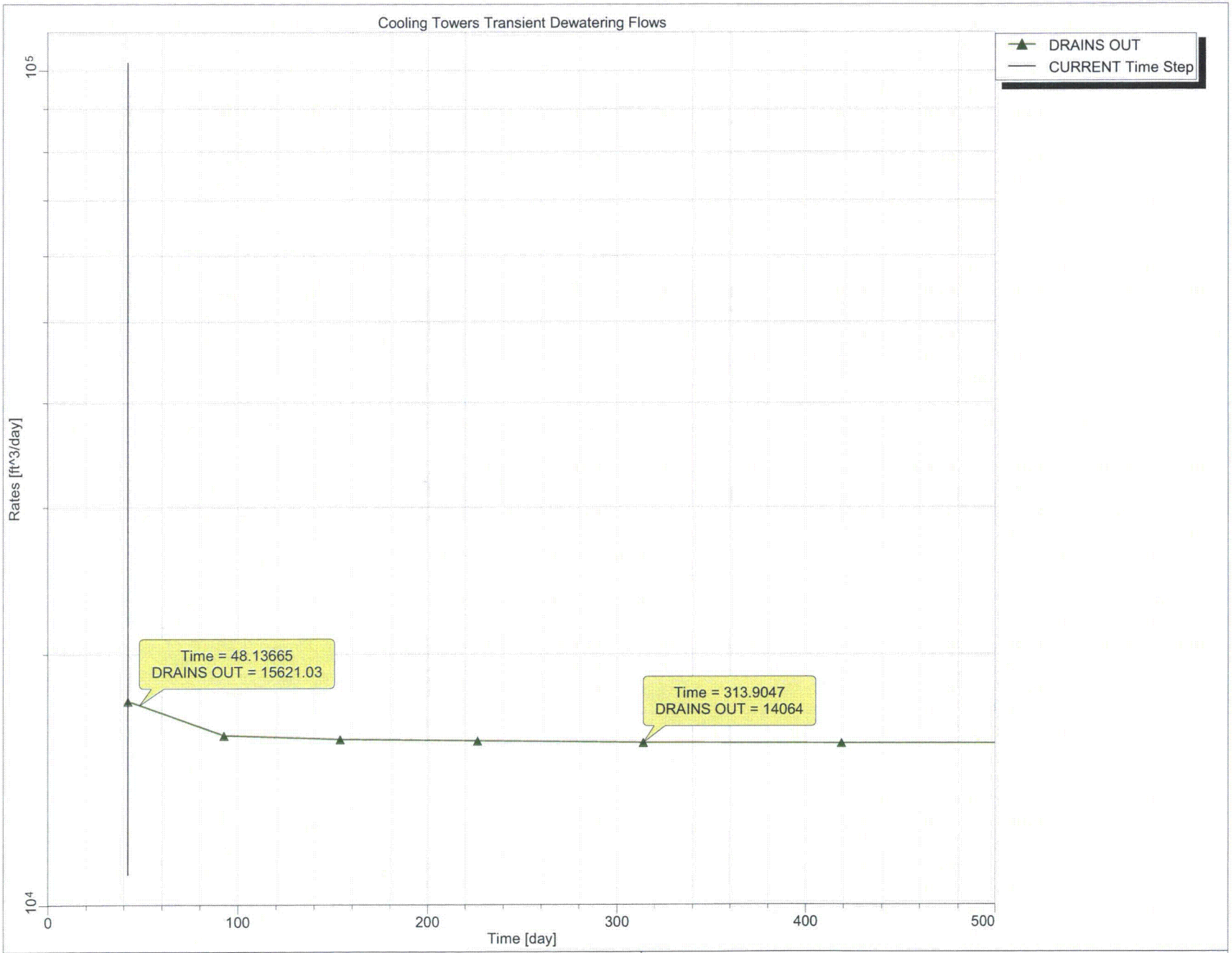
ESWEMS Pond Excavation
Dewatering Mass Budget
With Groundwater Flow Barrier



BBNPP Non-Safety Related Mass Balance: MODFLOW Date: 9/20/2010	ESWEMS Transient Dewatering Flows Dewatering Mass Budget With Groundwater Flow Barrier



BBNPP Non-Safety Related Mass Balance: MODFLOW Date: 9/20/2010	Power BlockTransient Dewatering Flows Dewatering Mass Budget With Groundwater Flow Barrier



BBNPP Non-Safety Related Mass Balance: MODFLOW Date: 9/20/2010	Power BlockTransient Dewatering Flows Dewatering Mass Budget With Groundwater Flow Barrier

APPENDIX D

Calculations

DEWATERING WELL HYDRAULICS

Purpose

The purpose of this calculation is to estimate the yield and drawdown curves for typical dewatering wells that might be drilled at the BBNPP facility.

The soil profile in the general area of the BBNPP consists of glacial overburden comprised of silty sand and sand containing large rounded cobbles and boulders. The presence of the boulders increases with depth.

In the vicinity of the ESWEMS pond,

- The water table surface elevation is assumed equal to 666 ft (NAVD88) as listed for the MW302-series observation wells (Table 1).
- The shale/siltstone bedrock surface corresponding approximately to the bottom of the excavation ranges from approximately 610 ft to 640 ft (NAVD88) (Reference 5).

From this information two representative cases are suggested, the first representing a maximum saturated thickness of overburden equal to approximately 56 ft; and the second representing a minimum saturated thickness equal to 26 feet. Two similar cases were selected as 56 ft and 27.5 ft during 2008 and are retained in this current calculation.

Assumptions

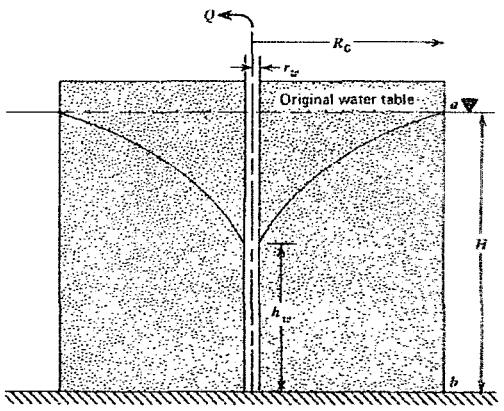
The following assumptions are made:

- The glacial overburden aquifer is homogeneous, isotropic, and unconfined.
- All groundwater flow is horizontal through the overburden aquifer, and there is no leakage from the shale below.
- The coefficient of hydraulic conductivity for the glacial overburden aquifer is $K = 5.9 \times 10^{-2}$ cm/s based on geometric mean from pump test (Reference 9), or 590×10^{-4} cm/s, or 0.116 ft/min.
- Dewatering wells will be constructed using 12-in diameter casing and wire-wound stainless steel high capacity screen installed in 24-in diameter boreholes backfilled using select filter pack.

- The wells will be pumped such that 10 ft of water will remain at the wells above the base of the aquifer, which is assumed confined below by shale of the Mahantango Formation.
- The wells will have a hydraulic efficiency of 80 percent.

Methods

Steady-state flow to a fully penetrating, frictionless (100 percent efficient) well in an unconfined aquifer is described by the following equation (Reference 6, page 103):



$$Q = \frac{\pi K (H^2 - h_w^2)}{\ln(R_o / r_w)} \qquad \text{Eqn 1}$$

Where:

Q = well yield or pumping rate (ft^3/min)

K = hydraulic conductivity of water bearing formation (ft/min)

H = initial height of water above the shale layer (ft)

h_w = height of water above the shale layer in the well (ft)

R_o = radius of influence of pumping well (ft)

r_w = radius of the pumping well (ft)

And where the radius of influence R_o, in feet, is given by the following relation, where K is in units of 10^{-4} cm/s (Reference 11):

$$R_o = 3(H - h_w)\sqrt{K} \qquad \text{Eqn 2}$$

Once the flow (Q) is known, the height of the phreatic surface at a distance r from the well may be estimated in the case of r greater than $1.5H$ using the following equation (Reference 6, page 103):

$$h = \sqrt{H^2 - \frac{Q}{\pi K}\ln\frac{R_o}{r}} \qquad \text{Eqn 3}$$

Where

h = height of the phreatic surface above the shale layer (ft) at r

r = distance from pumping well (ft)

Results

Case 1: Saturated Thickness = 55 Feet

In this case, H is equal to 55 ft. The height of water remaining at the pumping well h_w is equal to 10 ft. The well radius, r_w, corresponds to the radius of the borehole, which is 1.0 ft. For this case, $R_o = 3(55\,ft - 10\,ft)\sqrt{590} = 3{,}279\,ft$ per Eqn 2, and the well yield is solved for a frictionless (100 percent efficient well) using Eqn 1 as follows:

$$Q = \frac{(3.14)(0.116\,ft/\min)[(55\,ft)^2 - (10\,ft)^2]}{\ln(3{,}279\,ft/1.0\,ft)}$$

$$Q = \frac{1{,}065\,ft^3/\min}{8.10}$$

Q = 131 ft^3/min = 983 gpm (frictionless)

Q = **105 ft^3/min = 786 gpm** (80 percent efficient)

The drawdown curve is obtained by solving Eqn. 3 for selected distances as follows:

For r = 100 ft:

$$h = \sqrt{(55ft)^2 - \frac{105ft^3/\min}{\pi 0.116ft/\min}\ln\frac{3{,}279ft}{100ft}} = 44.9ft$$, and **drawdown** = 55 ft – 44.9ft = **10** ft

For r = 150 ft:

$$h = \sqrt{(55ft)^2 - \frac{105ft^3/\min}{\pi 0.116ft/\min}\ln\frac{3{,}279ft}{150ft}} = 46.2ft$$, and **drawdown** = 55 ft – 46.2ft = **8.8 ft**

For r = 200 ft:

$$h = \sqrt{(55ft)^2 - \frac{105ft^3/\min}{\pi 0.116ft/\min}\ln\frac{3{,}279ft}{200ft}} = 47.1ft$$, and **drawdown** = 55 ft – 47.1ft = **7.9 ft**

For r = 300 ft:

$$h = \sqrt{(55ft)^2 - \frac{105ft^3/\min}{\pi 0.116ft/\min}\ln\frac{3{,}279ft}{300ft}} = 48.3ft$$, and **drawdown** = 55 ft – 48.3t = **6.7 ft**

Case 2: Saturated Thickness = 27.5 Feet

In this case, H is equal to 27.5 ft. The height of water remaining in the pumping well h_w is equal to 10 ft. The well radius, r_w, corresponds to the radius of the borehole, which is 1.0 ft. For this case, $R_o = 3(27.5ft - 10ft)\sqrt{590} = 1{,}275\ ft$ per Eqn 2, and the well yield is solved using Eqn 1 as follows:

$$Q = \frac{(3.14)(0.116ft/\min)[(27.5ft)^2 - (10ft)^2]}{\ln(1{,}275\ ft/1.0\ ft)}$$

$$Q = \frac{239ft^3/\min}{7.15}$$

Q = 33.4 ft^3/min = 250 gpm (frictionless)

Q = **26.7 ft^3/min** = **207 gpm** (80 percent efficient)

The drawdown curve is obtained by solving Eqn. 3 for selected distances as follows:

For r = 100 ft:

$$h = \sqrt{(27.5ft)^2 - \frac{26.7ft^3/\min}{\pi 0.116ft/\min}\ln\frac{1{,}275ft}{100ft}} = 23.9ft$$, and **drawdown** = 27.5 ft – 23.9ft = **3.6** ft

For r = 150 ft:

$$h = \sqrt{(27.5ft)^2 - \frac{26.7ft^3/\min}{\pi 0.116ft/\min}\ln\frac{1{,}275ft}{150ft}} = 24.5ft$$, and **drawdown** = 27.5 ft – 24.5ft = **3.0 ft**

For r = 200 ft:

$$h = \sqrt{(27.5ft)^2 - \frac{26.7ft^3/\min}{\pi 0.116ft/\min}\ln\frac{1{,}275ft}{200ft}} = 24.9ft$$, and **drawdown** = 27.5 ft – 24.9ft = **2.6 ft**

For r = 300 ft:

$$h = \sqrt{(27.5ft)^2 - \frac{26.7ft^3/\min}{\pi 0.116ft/\min}\ln\frac{1{,}275ft}{300ft}} = 25.5ft$$, and **drawdown** = 27.5 ft – 25.5ft = **2.0 ft**

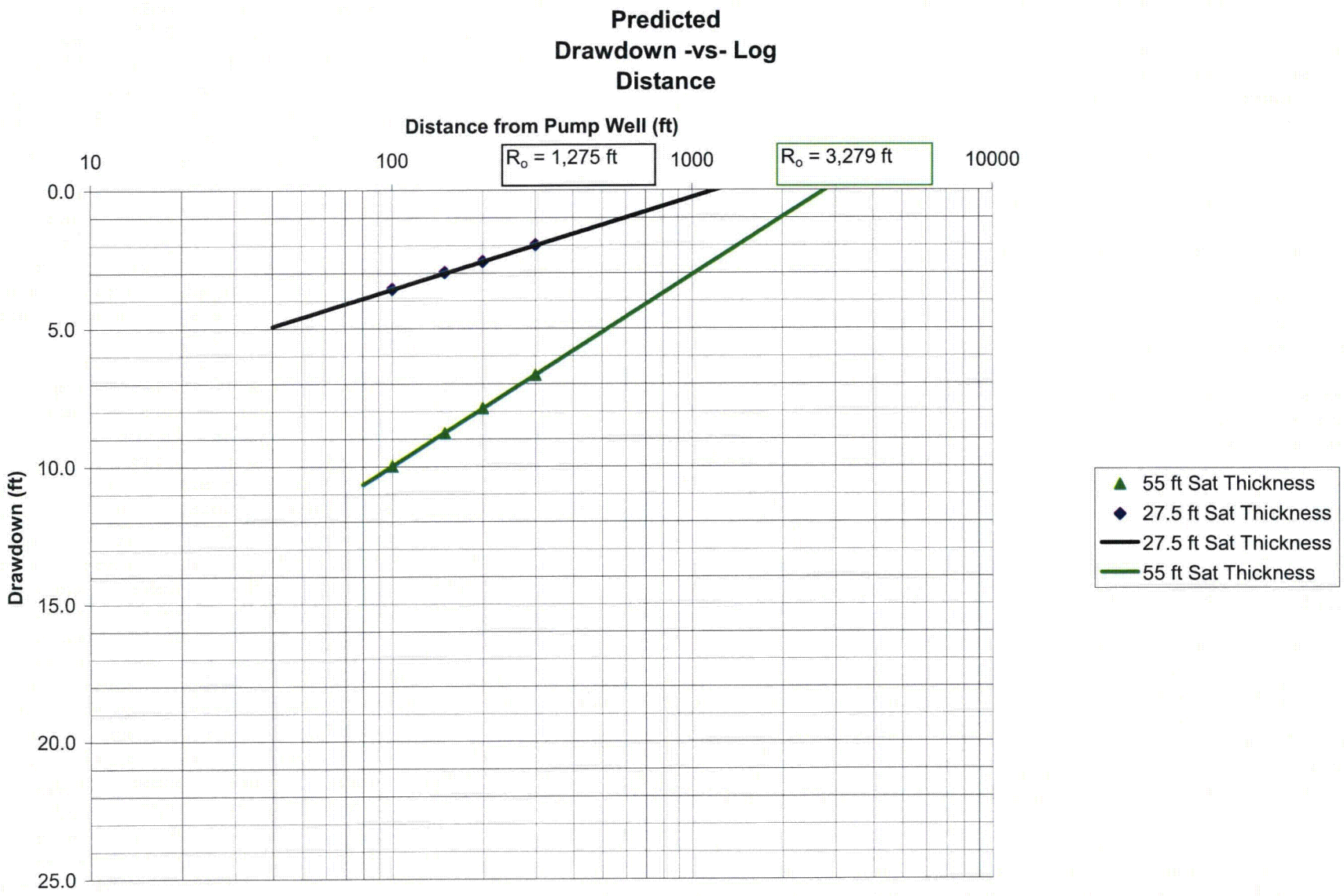
References Cited

5. Paul C. Rizzo Associates, Inc., Response to RFI SL-BBNPP-149, Approved for Use by Unistar September 13, 2010 (Excavation Plans).

6. Powers, J.P. 1981. Construction Dewatering – A Guide to Theory and Practice. John Wiley & Sons, Inc.

9. BBNPP, Final Safety Analysis Report, Section 2.4.12 – Groundwater, Rev. 2.

11. Departments of the Army, Navy, and Air Force. 1971. *Dewatering and Groundwater Control for Deep Excavations, Army TM 5-818-5, Navy NAVFAC No. P-418, Air Force AFM 88-5, Chap 6.* April.


Predicted
Drawdown -vs- Log
Distance
Distance from Pump Well (ft)
10
100
1000
10000
R_o = 1,275 ft
R_o = 3,279 ft
Drawdown (ft)
0.0
5.0
10.0
15.0
20.0
25.0
55 ft Sat Thickness
27.5 ft Sat Thickness
27.5 ft Sat Thickness
55 ft Sat Thickness

FLUX THROUGH FLOW BARRIER

Purpose

The purpose of this calculation is to estimate inward groundwater flux that might occur across a flow barrier such as a soil-bentonite (S-B) slurry wall if it is used to help control groundwater during temporary construction dewatering. Inward flux is estimated across continuous portions of the slurry wall separately from flux that might occur across installation defects or gaps that might occur during construction.

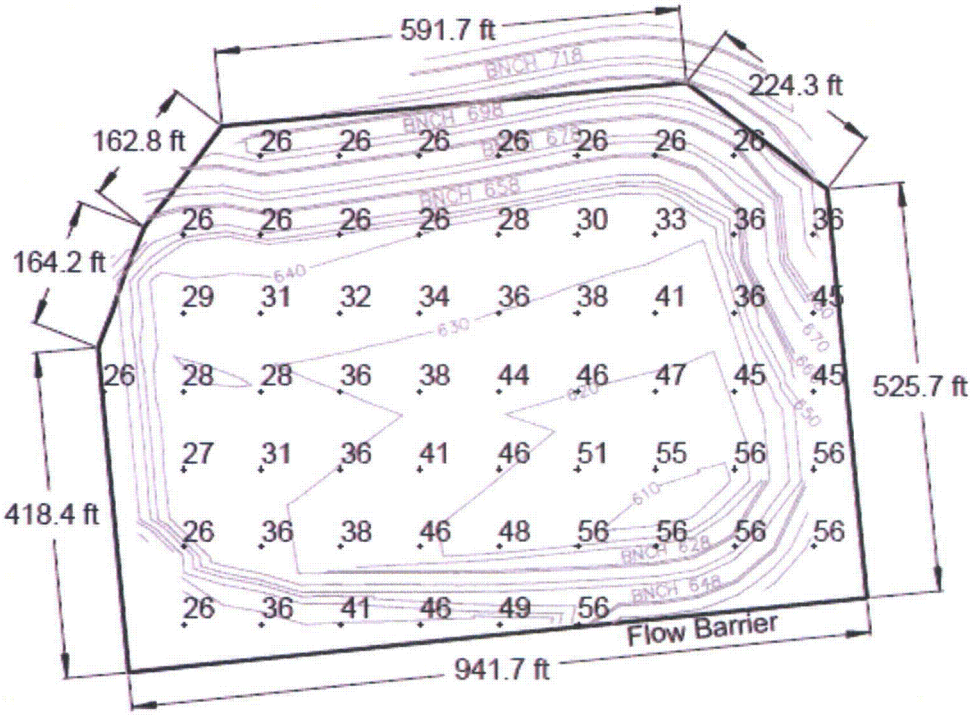
Assumptions

The following assumptions are made:

- The flow barrier will be 3 ft thick (conceptual design criterion).
- The flow barrier will be designed for a hydraulic conductivity of 1×10^{-7} cm/s (conceptual design criterion); however, it is conservatively assumed that a higher hydraulic conductivity of 1×10^{-6} cm/s will be achieved in-situ, or 1.9×10^{-6} ft/min.
- The flow barrier has a total length of approximately 3,028 ft, and a wetted exterior area of approximately 112,000 ft^2, indicating a mean wetted exterior height of 112,000 ft^2 / 3,028 ft = 37.0 ft (see diagram on following page).
- An average of about 10 ft of head is expected to remain at the interior base of the slurry wall during dewatering (indicated by groundwater flow model "*BBNPPFlowBarrier1.vmf*" provided in Appendix B).
- The flow barrier may be completed with gaps such that it will be absent over 1 percent of its designed extent. The hydraulic conductivity of the material in the gaps will be 5.9×10^{-2} cm/s, or 0.116 ft/min, consistent with the material comprising the overburden aquifer (Reference 9).

ESWEMS Flow Barrier Alignment

The alignment and other aspects of the flow barrier will be as shown below:

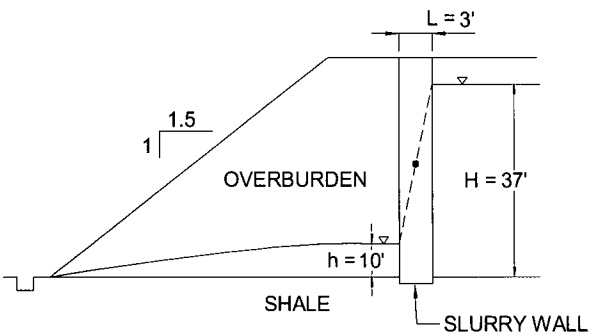


High Water Table El. 666 FT
Base El. Varies from El. 610 FT to 640 FT

Barrier Alignment Length = 3,028 LF
Barrier Enclosed Area = 607,739 SF
Mean Depth of Saturation = 37 FT
Volume of Saturation = 22,500,000 CF
Wetted Vertical Surface of Flow Barrier = 112,000 SF

Methods

Flux across the intact portions and across gaps in the flow barrier may be estimated using Darcy's law:



$q = KiA$ (Darcy's law)

Where:

q = flux (ft^3/min)

K = hydraulic conductivity = (ft/min)

i = gradient = (ft/ft)

A = Area across which flux will occur (ft^2)

Results

FluxThrough Continuous Portions of the Flow Barrier:

Because the gradient through the wall induces flux only through the lower one-half at the vertical center line between H and h, the area A is equal to ½ of the total area of the flow barrier as indicated below:

$$q = KiA = K((H-h)/L)(A)$$

$$q = (1.9x10^{-6}\,ft/\min)((37\,ft - 10\,ft)/3\,ft)\left[\frac{112{,}000\,ft^2}{2}\right]$$

q = 0.96 ft^3/min = 7.2 gpm

Flux Through Gaps in the Flow Barrier:

Because the area in this case only represents 1 percent of the flow barrier, A includes a factor of 0.01 as indicated below. In this case, flow is through the higher conductivity material of the overburden aquifer rather than through the low conductivity slurry wall:

$$q = KiA = K((H-h)/L)(A)$$

$$q = (0.116\,ft/\min)((37\,ft - 10\,ft)/3\,ft)\left[(0.01)\frac{112{,}000\,ft^2}{2}\right]$$

q = 580 ft^3/min = 4,400 gpm

References Cited

9. BBNPP, Final Safety Analysis Report, Section 2.4.12 – Groundwater, Rev 2.

DRAINAGE OF FLOW BARRIER INTERIOR

Purpose

The purpose of this calculation is to estimate the time needed to remove groundwater stored within the interior of the ESWEMS flow barrier using dewatering wells or similar means.

Assumptions

The following assumptions are made:

- Overburden contained within the flow barrier is characterized by a median specific yield S_y equal to 0.322 (Reference 9).
- The flow barrier encloses approximately 22.5 million ft^3 of saturated soil, V_s (see "Flux Through Flow Barrier", also provided).
- Groundwater will be pumped at a rate equal to 1.3 ft^3/s, or 80 ft^3/min, or 600 gpm.
- Flux that might develop across the flow barrier as a result of interior drawdown is neglected.
- Up-flow of groundwater from the shale beneath the enclosed volume at approximately 160 gpm (ESWEMS Pond Excavation Dewatering Mass Budget = 30,310 ft^3/day) when dewatering is at steady state is assumed to continuously enter the excavation beginning on the first day. This reduces the net withdrawal to 440 gpm. Discharge, Q, is thus 440 gpm (59 ft^3/min).

Method

The time required to drain the groundwater stored within the flow barrier given the assumptions above is equal to the total volume of stored water divided by the rate of removal:

$$t = \frac{V_w}{Q}$$

Where:

t = time (min)

V_w = volume of water stored (ft^3)

Q = total pumping rate (ft^3/min)

And where the total volume of water in storage, $V_w = (V_s)(S_y)$. Time is solved as follows:

$$t = \frac{(V_s)(S_y)}{Q} = \frac{(22{,}500{,}000\,ft^3)(0.322)}{59\,ft^3/\text{min}}$$

$$t = 123{,}000 \text{ min}$$

$$\mathbf{t = 85\ days}$$

The volume of groundwater removed from inside the flow barrier during the transient phase of dewatering is the sum of water removed from storage and the continual inflow. The quantity to be removed from storage is (22,500,000ft^3)(0.322) = 7.25 million ft^3. The quantity of the inflow over 85 days is (30,310 ft^3/day)(85 days) = 2.58 million ft^3. The sum is 7.25 million ft^3 + 2.58 million ft^3 = 9.83 million ft^3 = 226 acre-ft.

References Cited

9. BBNPP, Final Safety Analysis Report, Section 2.4.12 – Groundwater, Rev.2.

Enclosure 3

CD-1 SL-009655, Rev. 2 Data Files
CD-2 Visual MODFLOW Project Files (Disc 1 of 2)
CD-3 Visual MODFLOW Project Files (Disc 2 of 2)