

perimeter\_ss1.lst  
 MODFLOW-2000  
 U. S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER FLOW MODEL  
 VERSION 1.19.01 03/25/2010

This model run produced both GLOBAL and LIST files. This is the LIST file.

```
# MODFLOW2000 Basic Package
#MODFLOW Data Set Created by Groundwater Vistas
#
  1 LAYERS          115 ROWS          115 COLUMNS
  1 STRESS PERIOD(S) IN SIMULATION
```

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

```
WEL6 -- WELL PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT      12
# MODFLOW2000 Well Package
  0 Named Parameters          0 List entries
MAXIMUM OF          0 ACTIVE WELLS AT ONE TIME
CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT      50
AUXILIARY WELL VARIABLE: IFACE
Deactivating the Well Package because MXACTW=0
      0 ELEMENTS IN RX ARRAY ARE USED BY WEL
```

```
CHD6 -- TIME-VARIANT SPECIFIED-HEAD PACKAGE, VERSION 6, 1/11/2000
INPUT READ FROM UNIT      13
# MODFLOW2000 Constant-Head Boundary Package (CHD)
No named parameters
MAXIMUM OF      230 TIME-VARIANT SPECIFIED-HEAD CELLS AT ONE TIME
      1150 ELEMENTS IN RX ARRAY ARE USED BY CHD

      1150 ELEMENTS OF RX ARRAY USED OUT OF      1150
      0 ELEMENTS OF RZ ARRAY USED OUT OF      1
      5 ELEMENTS OF IR ARRAY USED OUT OF      5
```

```
1
# MODFLOW2000 Basic Package
#MODFLOW Data Set Created by Groundwater Vistas
```

```
BOUNDARY ARRAY =          1 FOR LAYER      1
```

AQUIFER HEAD WILL BE SET TO 0.99900E+03 AT ALL NO-FLOW NODES (IBOUND=0).

```
INITIAL HEAD FOR LAYER      1
READING BINARY ON UNIT      14
```

```
OUTPUT CONTROL IS SPECIFIED ONLY AT TIME STEPS FOR WHICH OUTPUT IS DESIRED
HEAD PRINT FORMAT CODE IS      0 DRAWDOWN PRINT FORMAT CODE IS      0
HEADS WILL BE SAVED ON UNIT      30 DRAWDOWNS WILL BE SAVED ON UNIT      31
```

```
1
      STRESS PERIOD NO.          1, LENGTH = 90.00000
      -----
      NUMBER OF TIME STEPS =      40
      MULTIPLIER FOR DELT =      1.010
      INITIAL TIME STEP SIZE = 1.841004
```

```
CHD NO.   LAYER   ROW   COL   START HEAD   END HEAD
```

perimeter\_ss1.lst

1	1	1	1	319.0	319.0
2	1	3	1	319.0	319.0
3	1	5	1	319.0	319.0
4	1	7	1	319.0	319.0
5	1	8	1	319.0	319.0
6	1	11	1	319.0	319.0
7	1	12	1	319.0	319.0
8	1	13	1	319.0	319.0
9	1	14	1	319.0	319.0
10	1	15	1	319.0	319.0
11	1	16	1	319.0	319.0
12	1	17	1	319.0	319.0
13	1	18	1	319.0	319.0
14	1	19	1	319.0	319.0
15	1	20	1	319.0	319.0
16	1	21	1	319.0	319.0
17	1	22	1	319.0	319.0
18	1	23	1	319.0	319.0
19	1	24	1	319.0	319.0
20	1	25	1	319.0	319.0
21	1	26	1	319.0	319.0
22	1	27	1	319.0	319.0
23	1	28	1	319.0	319.0
24	1	29	1	319.0	319.0
25	1	30	1	319.0	319.0
26	1	31	1	319.0	319.0
27	1	32	1	319.0	319.0
28	1	33	1	319.0	319.0
29	1	34	1	319.0	319.0
30	1	35	1	319.0	319.0
31	1	36	1	319.0	319.0
32	1	37	1	319.0	319.0
33	1	38	1	319.0	319.0
34	1	39	1	319.0	319.0
35	1	40	1	319.0	319.0
36	1	41	1	319.0	319.0
37	1	44	1	319.0	319.0
38	1	45	1	319.0	319.0
39	1	46	1	319.0	319.0
40	1	47	1	319.0	319.0
41	1	48	1	319.0	319.0
42	1	49	1	319.0	319.0
43	1	50	1	319.0	319.0
44	1	51	1	319.0	319.0
45	1	52	1	319.0	319.0
46	1	53	1	319.0	319.0
47	1	55	1	319.0	319.0
48	1	56	1	319.0	319.0
49	1	57	1	319.0	319.0
50	1	58	1	319.0	319.0
51	1	59	1	319.0	319.0
52	1	60	1	319.0	319.0
53	1	61	1	319.0	319.0
54	1	62	1	319.0	319.0
55	1	63	1	319.0	319.0
56	1	64	1	319.0	319.0
57	1	65	1	319.0	319.0
58	1	66	1	319.0	319.0
59	1	68	1	319.0	319.0
60	1	69	1	319.0	319.0
61	1	70	1	319.0	319.0
62	1	71	1	319.0	319.0

perimeter\_ss1.lst

63	1	72	1	319.0	319.0
64	1	74	1	319.0	319.0
65	1	75	1	319.0	319.0
66	1	77	1	319.0	319.0
67	1	78	1	319.0	319.0
68	1	79	1	319.0	319.0
69	1	80	1	319.0	319.0
70	1	81	1	319.0	319.0
71	1	83	1	319.0	319.0
72	1	85	1	319.0	319.0
73	1	87	1	319.0	319.0
74	1	89	1	319.0	319.0
75	1	91	1	319.0	319.0
76	1	93	1	319.0	319.0
77	1	94	1	319.0	319.0
78	1	95	1	319.0	319.0
79	1	96	1	319.0	319.0
80	1	97	1	319.0	319.0
81	1	98	1	319.0	319.0
82	1	99	1	319.0	319.0
83	1	100	1	319.0	319.0
84	1	101	1	319.0	319.0
85	1	102	1	319.0	319.0
86	1	103	1	319.0	319.0
87	1	104	1	319.0	319.0
88	1	105	1	319.0	319.0
89	1	106	1	319.0	319.0
90	1	107	1	319.0	319.0
91	1	108	1	319.0	319.0
92	1	109	1	319.0	319.0
93	1	110	1	319.0	319.0
94	1	112	1	319.0	319.0
95	1	114	1	319.0	319.0
96	1	115	1	319.0	319.0
97	1	1	115	250.0	250.0
98	1	3	115	250.0	250.0
99	1	5	115	250.0	250.0
100	1	7	115	250.0	250.0
101	1	8	115	250.0	250.0
102	1	11	115	250.0	250.0
103	1	12	115	250.0	250.0
104	1	13	115	250.0	250.0
105	1	14	115	250.0	250.0
106	1	15	115	250.0	250.0
107	1	16	115	250.0	250.0
108	1	17	115	250.0	250.0
109	1	18	115	250.0	250.0
110	1	19	115	250.0	250.0
111	1	20	115	250.0	250.0
112	1	21	115	250.0	250.0
113	1	22	115	250.0	250.0
114	1	23	115	250.0	250.0
115	1	24	115	250.0	250.0
116	1	25	115	250.0	250.0
117	1	26	115	250.0	250.0
118	1	27	115	250.0	250.0
119	1	28	115	250.0	250.0
120	1	29	115	250.0	250.0
121	1	30	115	250.0	250.0
122	1	31	115	250.0	250.0
123	1	32	115	250.0	250.0
124	1	33	115	250.0	250.0
125	1	34	115	250.0	250.0

perimeter\_ss1.lst

126	1	35	115	250.0	250.0
127	1	36	115	250.0	250.0
128	1	37	115	250.0	250.0
129	1	38	115	250.0	250.0
130	1	39	115	250.0	250.0
131	1	40	115	250.0	250.0
132	1	41	115	250.0	250.0
133	1	44	115	250.0	250.0
134	1	45	115	250.0	250.0
135	1	46	115	250.0	250.0
136	1	47	115	250.0	250.0
137	1	48	115	250.0	250.0
138	1	49	115	250.0	250.0
139	1	50	115	250.0	250.0
140	1	51	115	250.0	250.0
141	1	52	115	250.0	250.0
142	1	53	115	250.0	250.0
143	1	55	115	250.0	250.0
144	1	56	115	250.0	250.0
145	1	57	115	250.0	250.0
146	1	58	115	250.0	250.0
147	1	59	115	250.0	250.0
148	1	60	115	250.0	250.0
149	1	61	115	250.0	250.0
150	1	62	115	250.0	250.0
151	1	63	115	250.0	250.0
152	1	64	115	250.0	250.0
153	1	65	115	250.0	250.0
154	1	66	115	250.0	250.0
155	1	68	115	250.0	250.0
156	1	69	115	250.0	250.0
157	1	70	115	250.0	250.0
158	1	71	115	250.0	250.0
159	1	72	115	250.0	250.0
160	1	74	115	250.0	250.0
161	1	75	115	250.0	250.0
162	1	77	115	250.0	250.0
163	1	78	115	250.0	250.0
164	1	79	115	250.0	250.0
165	1	80	115	250.0	250.0
166	1	81	115	250.0	250.0
167	1	83	115	250.0	250.0
168	1	85	115	250.0	250.0
169	1	87	115	250.0	250.0
170	1	89	115	250.0	250.0
171	1	91	115	250.0	250.0
172	1	93	115	250.0	250.0
173	1	94	115	250.0	250.0
174	1	95	115	250.0	250.0
175	1	96	115	250.0	250.0
176	1	97	115	250.0	250.0
177	1	98	115	250.0	250.0
178	1	99	115	250.0	250.0
179	1	100	115	250.0	250.0
180	1	101	115	250.0	250.0
181	1	102	115	250.0	250.0
182	1	103	115	250.0	250.0
183	1	104	115	250.0	250.0
184	1	105	115	250.0	250.0
185	1	106	115	250.0	250.0
186	1	107	115	250.0	250.0
187	1	108	115	250.0	250.0
188	1	109	115	250.0	250.0

				perimeter_ss1.lst	
189	1	110	115	250.0	250.0
190	1	112	115	250.0	250.0
191	1	114	115	250.0	250.0
192	1	115	115	250.0	250.0
193	1	54	1	319.0	319.0
194	1	54	115	250.0	250.0
195	1	43	1	319.0	319.0
196	1	43	115	250.0	250.0
197	1	42	1	319.0	319.0
198	1	42	115	250.0	250.0
199	1	67	1	319.0	319.0
200	1	67	115	250.0	250.0
201	1	73	1	319.0	319.0
202	1	73	115	250.0	250.0
203	1	76	1	319.0	319.0
204	1	76	115	250.0	250.0
205	1	84	1	319.0	319.0
206	1	84	115	250.0	250.0
207	1	90	1	319.0	319.0
208	1	90	115	250.0	250.0
209	1	92	1	319.0	319.0
210	1	92	115	250.0	250.0
211	1	88	1	319.0	319.0
212	1	88	115	250.0	250.0
213	1	82	1	319.0	319.0
214	1	82	115	250.0	250.0
215	1	86	1	319.0	319.0
216	1	86	115	250.0	250.0
217	1	111	1	319.0	319.0
218	1	111	115	250.0	250.0
219	1	113	1	319.0	319.0
220	1	113	115	250.0	250.0
221	1	4	1	319.0	319.0
222	1	4	115	250.0	250.0
223	1	2	1	319.0	319.0
224	1	2	115	250.0	250.0
225	1	6	1	319.0	319.0
226	1	6	115	250.0	250.0
227	1	9	1	319.0	319.0
228	1	9	115	250.0	250.0
229	1	10	1	319.0	319.0
230	1	10	115	250.0	250.0

230 TIME-VARIANT SPECIFIED-HEAD CELLS

SOLVING FOR HEAD

2 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 1  
 10 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 1  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 1, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 1, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 1, STRESS PERIOD  
 1

perimeter\_ss1.lst

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 1, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 1, STRESS PERIOD 1  
 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 =		2636.0771	CONSTANT HEAD =		1431.8693
TOTAL IN =		2636.0771	TOTAL IN =		1431.8693
OUT:			OUT:		
STORAGE =		0.0000	STORAGE =		0.0000
CONSTANT HEAD =		2636.0771	CONSTANT HEAD =		1431.8693
TOTAL OUT =		2636.0771	TOTAL OUT =		1431.8693
IN - OUT =		0.0000	IN - OUT =		0.0000
PERCENT DISCREPANCY =		0.00	PERCENT DISCREPANCY =		0.00

	TIME SUMMARY AT END OF TIME STEP		1 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.59063E+05	2651.0	44.184	1.8410	5.04039E-03
STRESS PERIOD TIME	1.59063E+05	2651.0	44.184	1.8410	5.04039E-03
TOTAL TIME	1.59063E+05	2651.0	44.184	1.8410	5.04039E-03

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 2  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 2, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 2, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 2, STRESS PERIOD 1  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 2, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 2, STRESS PERIOD 1

perimeter\_ss1.lst

1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 2 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 =	5298.5142	CONSTANT HEAD =	1431.8689
TOTAL IN =	5298.5142	TOTAL IN =	1431.8689
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	5298.5151	CONSTANT HEAD =	1431.8694
TOTAL OUT =	5298.5151	TOTAL OUT =	1431.8694
IN - OUT =	-9.7656E-04	IN - OUT =	-4.8828E-04
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	2 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS
TIME STEP LENGTH	1.60653E+05	2677.6	44.626
STRESS PERIOD TIME	3.19716E+05	5328.6	88.810
TOTAL TIME	3.19716E+05	5328.6	88.810

1  
 SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 3  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 3, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 3, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 3, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 3, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 3, STRESS PERIOD  
 1

1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 3 IN STRESS PERIOD  
 1

perimeter\_ss1.lst

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	7987.5752	CONSTANT HEAD =	1431.8685
TOTAL IN =	7987.5752	TOTAL IN =	1431.8685
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	7987.5767	CONSTANT HEAD =	1431.8689
TOTAL OUT =	7987.5767	TOTAL OUT =	1431.8689
IN - OUT =	-1.4648E-03	IN - OUT =	-3.6621E-04
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	3 IN STRESS PERIOD		1	
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.62260E+05	2704.3	45.072	1.8780	5.14171E-03
STRESS PERIOD TIME	4.81976E+05	8032.9	133.88	5.5784	1.52729E-02
TOTAL TIME	4.81976E+05	8032.9	133.88	5.5784	1.52729E-02

1

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 4  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 4, STRESS PERIOD 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 4, STRESS PERIOD 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 4, STRESS PERIOD 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 4, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 4, STRESS PERIOD 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 4 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
--------------------	------	--------------------------	--------



perimeter\_ss1.lst

IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	10703.5254	CONSTANT HEAD =	1431.8682
TOTAL IN =	10703.5254	TOTAL IN =	1431.8682
OUT:		OUT:	
----		----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	10703.5273	CONSTANT HEAD =	1431.8682
TOTAL OUT =	10703.5273	TOTAL OUT =	1431.8682
IN - OUT =	-1.9531E-03	IN - OUT =	0.0000
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP		4 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS	DAYS
	-----			
TIME STEP LENGTH	1.63882E+05	2731.4	45.523	1.8968
STRESS PERIOD TIME	6.45858E+05	10764.	179.41	7.4752
TOTAL TIME	6.45858E+05	10764.	179.41	7.4752
				2.04660E-02

1

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER 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
-----				
1	-0.3605E-04			
	( 1, 42, 25)			

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL
LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL
-----				
1	-0.3641E-02			
	( 1, 5, 59)			

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 5

SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 5, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 5, STRESS PERIOD  
 1

perimeter\_ss1.lst

UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 5, STRESS PERIOD 1  
 1  
 HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 5, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 5, STRESS PERIOD 1  
 1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 5 IN STRESS PERIOD 1  
 1

CUMULATIVE VOLUMES		L**3	RATES FOR THIS TIME STEP		L**3/T
-----			-----		
IN:			IN:		
---			---		
STORAGE =	0.0000		STORAGE =	0.0000	
CONSTANT HEAD =	13446.6348		CONSTANT HEAD =	1431.8678	
TOTAL IN =	13446.6348		TOTAL IN =	1431.8678	
OUT:			OUT:		
----			----		
STORAGE =	0.0000		STORAGE =	0.0000	
CONSTANT HEAD =	13446.6367		CONSTANT HEAD =	1431.8676	
TOTAL OUT =	13446.6367		TOTAL OUT =	1431.8676	
IN - OUT =	-1.9531E-03		IN - OUT =	2.4414E-04	
PERCENT DISCREPANCY =	0.00		PERCENT DISCREPANCY =	0.00	

	TIME SUMMARY AT END OF TIME STEP		5 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
	-----				
TIME STEP LENGTH	1.65521E+05	2758.7	45.978	1.9158	5.24505E-03
STRESS PERIOD TIME	8.11380E+05	13523.	225.38	9.3910	2.57111E-02
TOTAL TIME	8.11380E+05	13523.	225.38	9.3910	2.57111E-02

1  
 SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 6  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 6, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 6, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 6, STRESS PERIOD 1  
 1  
 HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 6, STRESS PERIOD 1

perimeter\_ss1.lst

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 6, STRESS PERIOD  
 1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 6 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 =	16217.1748	CONSTANT HEAD =	1431.8676
TOTAL IN =	16217.1748	TOTAL IN =	1431.8676
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	16217.1758	CONSTANT HEAD =	1431.8669
TOTAL OUT =	16217.1758	TOTAL OUT =	1431.8669
IN - OUT =	-9.7656E-04	IN - OUT =	6.1035E-04
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	6 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS
TIME STEP LENGTH	1.67177E+05	2786.3	46.438
STRESS PERIOD TIME	9.78556E+05	16309.	271.82
TOTAL TIME	9.78556E+05	16309.	271.82

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 7  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 7, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 7, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 7, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 7, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 7, STRESS PERIOD  
 1  
 1

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 7 IN STRESS PERIOD

CUMULATIVE VOLUMES		L**3	RATES FOR THIS TIME STEP		L**3/T
IN:			IN:		
STORAGE =		0.0000	STORAGE =		0.0000
CONSTANT HEAD =		19015.4199	CONSTANT HEAD =		1431.8672
TOTAL IN =		19015.4199	TOTAL IN =		1431.8672
OUT:			OUT:		
STORAGE =		0.0000	STORAGE =		0.0000
CONSTANT HEAD =		19015.4180	CONSTANT HEAD =		1431.8665
TOTAL OUT =		19015.4180	TOTAL OUT =		1431.8665
IN - OUT =		1.9531E-03	IN - OUT =		7.3242E-04
PERCENT DISCREPANCY =		0.00	PERCENT DISCREPANCY =		0.00

	TIME SUMMARY AT END OF TIME STEP		7 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.68848E+05	2814.1	46.902	1.9543	5.35048E-03
STRESS PERIOD TIME	1.14740E+06	19123.	318.72	13.280	3.63591E-02
TOTAL TIME	1.14740E+06	19123.	318.72	13.280	3.63591E-02

1 SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 8  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 1 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 8, STRESS PERIOD  
 1 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 8, STRESS PERIOD  
 1 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 8, STRESS PERIOD

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 8, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 8, STRESS PERIOD 1

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 8 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	21841.6465	CONSTANT HEAD =	1431.8669
TOTAL IN =	21841.6465	TOTAL IN =	1431.8669
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	21841.6426	CONSTANT HEAD =	1431.8660
TOTAL OUT =	21841.6426	TOTAL OUT =	1431.8660
IN - OUT =	3.9062E-03	IN - OUT =	9.7656E-04
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	8 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS
TIME STEP LENGTH	1.70537E+05	2842.3	47.371
STRESS PERIOD TIME	1.31794E+06	21966.	366.09
TOTAL TIME	1.31794E+06	21966.	366.09

1

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 9  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 9, STRESS PERIOD 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 9, STRESS PERIOD 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 9, STRESS PERIOD 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 9, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 9, STRESS PERIOD 1  
 1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 9 IN STRESS PERIOD 1

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	

perimeter\_ss1.lst

---		---	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	24696.1348	CONSTANT HEAD =	1431.8667
TOTAL IN =	24696.1348	TOTAL IN =	1431.8667
OUT:		OUT:	
----		----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	24696.1289	CONSTANT HEAD =	1431.8655
TOTAL OUT =	24696.1289	TOTAL OUT =	1431.8655
IN - OUT =	5.8594E-03	IN - OUT =	1.2207E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP		9 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.72242E+05	2870.7	47.845	1.9935	5.45802E-03
STRESS PERIOD TIME	1.49018E+06	24836.	413.94	17.247	4.72211E-02
TOTAL TIME	1.49018E+06	24836.	413.94	17.247	4.72211E-02

1

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER 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
-----				
1	0.1965E-04			
	( 1, 45, 27)			

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL
LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL
-----				
1	-0.3140E-02			
	( 1, 5, 59)			

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 10

SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 10, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 10, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 10, STRESS PERIOD  
 1

perimeter\_ss1.lst

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 10, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 10, STRESS PERIOD 1  
 1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 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 =		27579.1680	CONSTANT HEAD =		1431.8665
TOTAL IN =		27579.1680	TOTAL IN =		1431.8665
OUT:			OUT:		
STORAGE =		0.0000	STORAGE =		0.0000
CONSTANT HEAD =		27579.1582	CONSTANT HEAD =		1431.8651
TOTAL OUT =		27579.1582	TOTAL OUT =		1431.8651
IN - OUT =		9.7656E-03	IN - OUT =		1.3428E-03
PERCENT DISCREPANCY =		0.00	PERCENT DISCREPANCY =		0.00

	TIME SUMMARY AT END OF TIME STEP		10 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.73965E+05	2899.4	48.323	2.0135	5.51260E-03
STRESS PERIOD TIME	1.66415E+06	27736.	462.26	19.261	5.27337E-02
TOTAL TIME	1.66415E+06	27736.	462.26	19.261	5.27337E-02

1  
 SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 11 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 11  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 11, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 11, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 11, STRESS PERIOD 1  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 11, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 11, STRESS PERIOD 1

perimeter\_ss1.lst

1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 11 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 =		30491.0312	CONSTANT HEAD =		1431.8662
TOTAL IN =		30491.0312	TOTAL IN =		1431.8662
OUT:			OUT:		
----			----		
STORAGE =		0.0000	STORAGE =		0.0000
CONSTANT HEAD =		30491.0176	CONSTANT HEAD =		1431.8647
TOTAL OUT =		30491.0176	TOTAL OUT =		1431.8647
IN - OUT =		1.3672E-02	IN - OUT =		1.4648E-03
PERCENT DISCREPANCY =		0.00	PERCENT DISCREPANCY =		0.00

	TIME SUMMARY AT END OF TIME STEP		11 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.75704E+05	2928.4	48.807	2.0336	5.56773E-03
STRESS PERIOD TIME	1.83985E+06	30664.	511.07	21.295	5.83014E-02
TOTAL TIME	1.83985E+06	30664.	511.07	21.295	5.83014E-02

1  
 SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 12 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 12  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 12, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 12, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 12, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 12, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 12, STRESS PERIOD  
 1  
 1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 12 IN STRESS PERIOD  
 1



perimeter\_ss1.lst

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	33432.0117	CONSTANT HEAD =	1431.8658
TOTAL IN =	33432.0117	TOTAL IN =	1431.8658
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	33431.9961	CONSTANT HEAD =	1431.8643
TOTAL OUT =	33431.9961	TOTAL OUT =	1431.8643
IN - OUT =	1.5625E-02	IN - OUT =	1.5869E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	12 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS
TIME STEP LENGTH	1.77461E+05	2957.7	49.295
STRESS PERIOD TIME	2.01731E+06	33622.	560.36
TOTAL TIME	2.01731E+06	33622.	560.36
			DAYS
			2.0539
			23.349
			23.349
			YEARS
			5.62341E-03
			6.39248E-02
			6.39248E-02

1

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 13 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 13  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 13, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 13, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 13, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 13, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 13, STRESS PERIOD 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 13 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
--------------------	------	--------------------------	--------

perimeter\_ss1.lst

IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	36402.4023	CONSTANT HEAD =	1431.8656
TOTAL IN =	36402.4023	TOTAL IN =	1431.8656
OUT:		OUT:	
----		----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	36402.3828	CONSTANT HEAD =	1431.8640
TOTAL OUT =	36402.3828	TOTAL OUT =	1431.8640
IN - OUT =	1.9531E-02	IN - OUT =	1.5869E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	13 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS
			DAYS
			YEARS
TIME STEP LENGTH	1.79236E+05	2987.3	49.788
STRESS PERIOD TIME	2.19655E+06	36609.	610.15
TOTAL TIME	2.19655E+06	36609.	610.15

1

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 14 IN STRESS PERIOD 1

1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 14

SAVE HEAD FOR ALL LAYERS

SAVE DRAWDOWN FOR ALL LAYERS

SAVE BUDGET

PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 14, STRESS PERIOD 1

UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 14, STRESS PERIOD 1

UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 14, STRESS PERIOD 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 14, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 14, STRESS PERIOD 1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 14 IN STRESS PERIOD 1

-----

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
-----		-----	

IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000

```

perimeter_ss1.lst
CONSTANT HEAD = 39402.4961 CONSTANT HEAD = 1431.8654
TOTAL IN = 39402.4961 TOTAL IN = 1431.8654
OUT: OUT:
-----
STORAGE = 0.0000 STORAGE = 0.0000
CONSTANT HEAD = 39402.4727 CONSTANT HEAD = 1431.8636
TOTAL OUT = 39402.4727 TOTAL OUT = 1431.8636
IN - OUT = 2.3438E-02 IN - OUT = 1.7090E-03
PERCENT DISCREPANCY = 0.00 PERCENT DISCREPANCY = 0.00

```

```

TIME SUMMARY AT END OF TIME STEP 14 IN STRESS PERIOD 1
SECONDS MINUTES HOURS DAYS YEARS
-----
TIME STEP LENGTH 1.81028E+05 3017.1 50.286 2.0952 5.73644E-03
STRESS PERIOD TIME 2.37758E+06 39626. 660.44 27.518 7.53409E-02
TOTAL TIME 2.37758E+06 39626. 660.44 27.518 7.53409E-02

```

1

SOLVING FOR HEAD

```

1 CALLS TO PCG ROUTINE FOR TIME STEP 15 IN STRESS PERIOD 1
1 TOTAL ITERATIONS

```

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER 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
-----
1 0.1402E-04
( 1, 44, 17)

```

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

```

RESIDUAL RESIDUAL RESIDUAL RESIDUAL RESIDUAL
LAYER, ROW, COL LAYER, ROW, COL LAYER, ROW, COL LAYER, ROW, COL LAYER, ROW, COL
-----
1 -0.2721E-02
( 1, 5, 59)

```

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 15

```

SAVE HEAD FOR ALL LAYERS
SAVE DRAWDOWN FOR ALL LAYERS
SAVE BUDGET
PRINT BUDGET

```

```

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 15, STRESS PERIOD
1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 15, STRESS PERIOD
1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 15, STRESS PERIOD
1

```

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 15, STRESS PERIOD 1

perimeter\_ss1.lst

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 15, STRESS PERIOD  
 1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 15 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 =	42432.5898	CONSTANT HEAD =	1431.8651
TOTAL IN =	42432.5898	TOTAL IN =	1431.8651
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	42432.5625	CONSTANT HEAD =	1431.8633
TOTAL OUT =	42432.5625	TOTAL OUT =	1431.8633
IN - OUT =	2.7344E-02	IN - OUT =	1.8311E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP		15 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.82838E+05	3047.3	50.788	2.1162	5.79380E-03
STRESS PERIOD TIME	2.56042E+06	42674.	711.23	29.634	8.11347E-02
TOTAL TIME	2.56042E+06	42674.	711.23	29.634	8.11347E-02

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 16 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 16  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 16, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 16, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 16, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 16, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 16, STRESS PERIOD  
 1

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 16 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	45492.9844	CONSTANT HEAD =	1431.8650
TOTAL IN =	45492.9844	TOTAL IN =	1431.8650
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	45492.9531	CONSTANT HEAD =	1431.8630
TOTAL OUT =	45492.9531	TOTAL OUT =	1431.8630
IN - OUT =	3.1250E-02	IN - OUT =	1.9531E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP		16 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.84667E+05	3077.8	51.296	2.1373	5.85174E-03
STRESS PERIOD TIME	2.74508E+06	45751.	762.52	31.772	8.69864E-02
TOTAL TIME	2.74508E+06	45751.	762.52	31.772	8.69864E-02

1 SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 17 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 17  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 1 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 17, STRESS PERIOD  
 1 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 17, STRESS PERIOD  
 1 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 17, STRESS PERIOD

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 17, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 17, STRESS PERIOD 1

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 17 IN STRESS PERIOD

perimeter\_ss1.lst

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	48583.9805	CONSTANT HEAD =	1431.8647
TOTAL IN =	48583.9805	TOTAL IN =	1431.8647
OUT:		OUT:	
----		----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	48583.9453	CONSTANT HEAD =	1431.8628
TOTAL OUT =	48583.9453	TOTAL OUT =	1431.8628
IN - OUT =	3.5156E-02	IN - OUT =	1.9531E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	17 IN STRESS PERIOD		1	
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.86514E+05	3108.6	51.809	2.1587	5.91026E-03
STRESS PERIOD TIME	2.93160E+06	48860.	814.33	33.931	9.28967E-02
TOTAL TIME	2.93160E+06	48860.	814.33	33.931	9.28967E-02

1

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 18 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 18

SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 18, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 18, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 18, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 18, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 18, STRESS PERIOD  
 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 18 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
--------------------	------	--------------------------	--------

IN:

IN:

perimeter\_ss1.lst

```

    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 51705.8867
    TOTAL IN = 51705.8867
    OUT:
    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 51705.8477
    TOTAL OUT = 51705.8477
    IN - OUT = 3.9062E-02
    PERCENT DISCREPANCY = 0.00

    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 1431.8645
    TOTAL IN = 1431.8645
    OUT:
    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 1431.8624
    TOTAL OUT = 1431.8624
    IN - OUT = 2.0752E-03
    PERCENT DISCREPANCY = 0.00
  
```

TIME SUMMARY AT END OF TIME STEP		18 IN STRESS PERIOD		1	
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.88379E+05	3139.6	52.327	2.1803	5.96936E-03
STRESS PERIOD TIME	3.11998E+06	52000.	866.66	36.111	9.88661E-02
TOTAL TIME	3.11998E+06	52000.	866.66	36.111	9.88661E-02

1

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 19 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 19  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 19, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 19, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 19, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 19, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 19, STRESS PERIOD  
 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 19 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	54859.0117	CONSTANT HEAD =	1431.8643

```

                perimeter_ss1.lst
TOTAL IN =      54859.0117      TOTAL IN =      1431.8643
OUT:
-----
STORAGE =      0.0000      STORAGE =      0.0000
CONSTANT HEAD = 54858.9688      CONSTANT HEAD = 1431.8622
TOTAL OUT =      54858.9688      TOTAL OUT =      1431.8622
IN - OUT =      4.2969E-02      IN - OUT =      2.0752E-03
PERCENT DISCREPANCY =      0.00      PERCENT DISCREPANCY =      0.00

```

```

TIME SUMMARY AT END OF TIME STEP      19 IN STRESS PERIOD      1
          SECONDS      MINUTES      HOURS      DAYS      YEARS
-----
TIME STEP LENGTH 1.90262E+05  3171.0  52.851  2.2021  6.02905E-03
STRESS PERIOD TIME 3.31024E+06  55171.  919.51  38.313  0.10490
TOTAL TIME 3.31024E+06  55171.  919.51  38.313  0.10490

```

1

SOLVING FOR HEAD

```

1 CALLS TO PCG ROUTINE FOR TIME STEP 20 IN STRESS PERIOD 1
1 TOTAL ITERATIONS

```

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER 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
-----
1 0.1073E-04
( 1, 42, 24)

```

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

```

RESIDUAL      RESIDUAL      RESIDUAL      RESIDUAL      RESIDUAL
LAYER, ROW, COL  LAYER, ROW, COL  LAYER, ROW, COL  LAYER, ROW, COL  LAYER, ROW, COL
-----
1 -0.2357E-02
( 1, 5, 59)

```

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 20

```

SAVE HEAD FOR ALL LAYERS
SAVE DRAWDOWN FOR ALL LAYERS
SAVE BUDGET
PRINT BUDGET

```

```

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 20, STRESS PERIOD
1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 20, STRESS PERIOD
1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 20, STRESS PERIOD
1

```

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 20, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 20, STRESS PERIOD



perimeter\_ss1.lst

1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 20 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 =		58043.6680	CONSTANT HEAD =		1431.8640
TOTAL IN =		58043.6680	TOTAL IN =		1431.8640
OUT:			OUT:		
----			----		
STORAGE =		0.0000	STORAGE =		0.0000
CONSTANT HEAD =		58043.6211	CONSTANT HEAD =		1431.8619
TOTAL OUT =		58043.6211	TOTAL OUT =		1431.8619
IN - OUT =		4.6875E-02	IN - OUT =		2.0752E-03
PERCENT DISCREPANCY =		0.00	PERCENT DISCREPANCY =		0.00

	TIME SUMMARY AT END OF TIME STEP		20 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.92165E+05	3202.8	53.379	2.2241	6.08934E-03
STRESS PERIOD TIME	3.50240E+06	58373.	972.89	40.537	0.11098
TOTAL TIME	3.50240E+06	58373.	972.89	40.537	0.11098

1  
 SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 21 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 21  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 21, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 21, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 21, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 21, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 21, STRESS PERIOD  
 1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 21 IN STRESS PERIOD  
 1

perimeter\_ss1.lst

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	61260.1719	CONSTANT HEAD =	1431.8639
TOTAL IN =	61260.1719	TOTAL IN =	1431.8639
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	61260.1172	CONSTANT HEAD =	1431.8617
TOTAL OUT =	61260.1172	TOTAL OUT =	1431.8617
IN - OUT =	5.4688E-02	IN - OUT =	2.1973E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP		21 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.94087E+05	3234.8	53.913	2.2464	6.15024E-03
STRESS PERIOD TIME	3.69649E+06	61608.	1026.8	42.783	0.11713
TOTAL TIME	3.69649E+06	61608.	1026.8	42.783	0.11713

1

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 22 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 22  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 22, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 22, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 22, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 22, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 22, STRESS PERIOD  
 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 22 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
--------------------	------	--------------------------	--------

perimeter\_ss1.lst

IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	64508.8398	CONSTANT HEAD =	1431.8636
TOTAL IN =	64508.8398	TOTAL IN =	1431.8636
OUT:		OUT:	
----		----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	64508.7773	CONSTANT HEAD =	1431.8615
TOTAL OUT =	64508.7773	TOTAL OUT =	1431.8615
IN - OUT =	6.2500E-02	IN - OUT =	2.1973E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	22 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS
			DAYS
			YEARS
TIME STEP LENGTH	1.96028E+05	3267.1	54.452
STRESS PERIOD TIME	3.89252E+06	64875.	1081.3
TOTAL TIME	3.89252E+06	64875.	1081.3
			2.2688
			45.052
			6.21174E-03
			0.12335
			0.12335

1

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 23 IN STRESS PERIOD 1

1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 23

SAVE HEAD FOR ALL LAYERS

SAVE DRAWDOWN FOR ALL LAYERS

SAVE BUDGET

PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 23, STRESS PERIOD 1

UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 23, STRESS PERIOD 1

UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 23, STRESS PERIOD 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 23, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 23, STRESS PERIOD 1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 23 IN STRESS PERIOD 1

-----

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
-----		-----	

IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000

```

perimeter_ss1.lst
CONSTANT HEAD = 67789.9922 CONSTANT HEAD = 1431.8635
TOTAL IN = 67789.9922 TOTAL IN = 1431.8635
OUT: OUT:
-----
STORAGE = 0.0000 STORAGE = 0.0000
CONSTANT HEAD = 67789.9219 CONSTANT HEAD = 1431.8613
TOTAL OUT = 67789.9219 TOTAL OUT = 1431.8613
IN - OUT = 7.0312E-02 IN - OUT = 2.1973E-03
PERCENT DISCREPANCY = 0.00 PERCENT DISCREPANCY = 0.00

```

```

TIME SUMMARY AT END OF TIME STEP 23 IN STRESS PERIOD 1
SECONDS MINUTES HOURS DAYS YEARS
-----
TIME STEP LENGTH 1.97988E+05 3299.8 54.997 2.2915 6.27386E-03
STRESS PERIOD TIME 4.09050E+06 68175. 1136.3 47.344 0.12962
TOTAL TIME 4.09050E+06 68175. 1136.3 47.344 0.12962

```

1

```

SOLVING FOR HEAD
1 CALLS TO PCG ROUTINE FOR TIME STEP 24 IN STRESS PERIOD 1
1 TOTAL ITERATIONS

```

```

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 24
SAVE HEAD FOR ALL LAYERS
SAVE DRAWDOWN FOR ALL LAYERS
SAVE BUDGET
PRINT BUDGET
UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 24, STRESS PERIOD
1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 24, STRESS PERIOD
1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 24, STRESS PERIOD
1

```

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 24, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 24, STRESS PERIOD 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 24 IN STRESS PERIOD

```

-----
CUMULATIVE VOLUMES L**3 RATES FOR THIS TIME STEP L**3/T
-----
IN: IN:
---
STORAGE = 0.0000 STORAGE = 0.0000
CONSTANT HEAD = 71103.9531 CONSTANT HEAD = 1431.8633
TOTAL IN = 71103.9531 TOTAL IN = 1431.8633

```

perimeter\_ss1.lst

OUT:		OUT:	
-----		-----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	71103.8828	CONSTANT HEAD =	1431.8611
TOTAL OUT =	71103.8828	TOTAL OUT =	1431.8611
IN - OUT =	7.0312E-02	IN - OUT =	2.1973E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP		24 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.99968E+05	3332.8	55.547	2.3144	6.33660E-03
STRESS PERIOD TIME	4.29047E+06	71508.	1191.8	49.658	0.13596
TOTAL TIME	4.29047E+06	71508.	1191.8	49.658	0.13596

1

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 25 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER 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
-----	-----	-----	-----	-----
1 0.8797E-05				
( 1, 49, 17)				

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL
LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL
-----	-----	-----	-----	-----
1 -0.2044E-02				
( 1, 5, 59)				

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 25  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 25, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 25, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 25, STRESS PERIOD  
 1  
 HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 25, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 25, STRESS PERIOD  
 1

1

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 25 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	74451.0547	CONSTANT HEAD =	1431.8632
TOTAL IN =	74451.0547	TOTAL IN =	1431.8632
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	74450.9844	CONSTANT HEAD =	1431.8608
TOTAL OUT =	74450.9844	TOTAL OUT =	1431.8608
IN - OUT =	7.0312E-02	IN - OUT =	2.3193E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP		25 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	2.01967E+05	3366.1	56.102	2.3376	6.39996E-03
STRESS PERIOD TIME	4.49244E+06	74874.	1247.9	51.996	0.14236
TOTAL TIME	4.49244E+06	74874.	1247.9	51.996	0.14236

1 SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 26 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 26  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 1 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 26, STRESS PERIOD  
 1 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 26, STRESS PERIOD  
 1 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 26, STRESS PERIOD

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 26, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 26, STRESS PERIOD 1

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 26 IN STRESS PERIOD

perimeter\_ss1.lst

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	77831.6250	CONSTANT HEAD =	1431.8629
TOTAL IN =	77831.6250	TOTAL IN =	1431.8629
OUT:		OUT:	
----		----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	77831.5547	CONSTANT HEAD =	1431.8607
TOTAL OUT =	77831.5547	TOTAL OUT =	1431.8607
IN - OUT =	7.0312E-02	IN - OUT =	2.1973E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	26 IN STRESS PERIOD		1	
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	2.03987E+05	3399.8	56.663	2.3610	6.46396E-03
STRESS PERIOD TIME	4.69643E+06	78274.	1304.6	54.357	0.14882
TOTAL TIME	4.69643E+06	78274.	1304.6	54.357	0.14882

1

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 27 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 27

SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 27, STRESS PERIOD

1

UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 27, STRESS PERIOD

1

UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 27, STRESS PERIOD

1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 27, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 27, STRESS PERIOD

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 27 IN STRESS PERIOD

1

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
--------------------	------	--------------------------	--------

IN:

IN:

perimeter\_ss1.lst

```

    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 81246.0000
    TOTAL IN = 81246.0000
    OUT:
    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 81245.9297
    TOTAL OUT = 81245.9297
    IN - OUT = 7.0312E-02
    PERCENT DISCREPANCY = 0.00

    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 1431.8628
    TOTAL IN = 1431.8628
    OUT:
    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 1431.8605
    TOTAL OUT = 1431.8605
    IN - OUT = 2.3193E-03
    PERCENT DISCREPANCY = 0.00
  
```

TIME SUMMARY AT END OF TIME STEP		27 IN STRESS PERIOD		1	
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	2.06027E+05	3433.8	57.230	2.3846	6.52860E-03
STRESS PERIOD TIME	4.90245E+06	81708.	1361.8	56.741	0.15535
TOTAL TIME	4.90245E+06	81708.	1361.8	56.741	0.15535

```

1
SOLVING FOR HEAD
  1 CALLS TO PCG ROUTINE FOR TIME STEP 28 IN STRESS PERIOD 1
  1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 28
  SAVE HEAD FOR ALL LAYERS
  SAVE DRAWDOWN FOR ALL LAYERS
  SAVE BUDGET
  PRINT BUDGET
UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 28, STRESS PERIOD
1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 28, STRESS PERIOD
1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 28, STRESS PERIOD
1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 28, STRESS PERIOD 1
DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 28, STRESS PERIOD
1
1
1
VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 28 IN STRESS PERIOD
1
  
```

```

-----
CUMULATIVE VOLUMES      L**3      RATES FOR THIS TIME STEP      L**3/T
-----
    IN:
    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 84694.5234

    IN:
    ---
    STORAGE = 0.0000
    CONSTANT HEAD = 1431.8625
  
```



```

                perimeter_ss1.lst
TOTAL IN =      84694.5234      TOTAL IN =      1431.8625
OUT:
-----
STORAGE =      0.0000      STORAGE =      0.0000
CONSTANT HEAD = 84694.4453      CONSTANT HEAD = 1431.8604

TOTAL OUT =     84694.4453      TOTAL OUT =     1431.8604
IN - OUT =      7.8125E-02      IN - OUT =      2.1973E-03
PERCENT DISCREPANCY = 0.00      PERCENT DISCREPANCY = 0.00

```

```

                TIME SUMMARY AT END OF TIME STEP      28 IN STRESS PERIOD      1
                SECONDS      MINUTES      HOURS      DAYS      YEARS
-----
TIME STEP LENGTH 2.08087E+05  3468.1      57.802      2.4084      6.59389E-03
STRESS PERIOD TIME 5.11054E+06  85176.      1419.6      59.150      0.16194
TOTAL TIME 5.11054E+06  85176.      1419.6      59.150      0.16194

```

```

1
SOLVING FOR HEAD
  1 CALLS TO PCG ROUTINE FOR TIME STEP 29 IN STRESS PERIOD 1
  1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 29
  SAVE HEAD FOR ALL LAYERS
  SAVE DRAWDOWN FOR ALL LAYERS
  SAVE BUDGET
  PRINT BUDGET
UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 29, STRESS PERIOD
1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 29, STRESS PERIOD
1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 29, STRESS PERIOD
1
HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 29, STRESS PERIOD 1
DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 29, STRESS PERIOD
1
1
1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 29 IN STRESS PERIOD
1

```

```

-----
CUMULATIVE VOLUMES      L**3      RATES FOR THIS TIME STEP      L**3/T
-----
IN:
-----
STORAGE =      0.0000      STORAGE =      0.0000
CONSTANT HEAD = 88177.5312      CONSTANT HEAD = 1431.8624

TOTAL IN =     88177.5312      TOTAL IN =     1431.8624

OUT:
-----

```

```

perimeter_ss1.lst
STORAGE = 0.0000 STORAGE = 0.0000
CONSTANT HEAD = 88177.4453 CONSTANT HEAD = 1431.8601
TOTAL OUT = 88177.4453 TOTAL OUT = 1431.8601
IN - OUT = 8.5938E-02 IN - OUT = 2.3193E-03
PERCENT DISCREPANCY = 0.00 PERCENT DISCREPANCY = 0.00

```

```

TIME SUMMARY AT END OF TIME STEP 29 IN STRESS PERIOD 1
SECONDS MINUTES HOURS DAYS YEARS
-----
TIME STEP LENGTH 2.10168E+05 3502.8 58.380 2.4325 6.65982E-03
STRESS PERIOD TIME 5.32071E+06 88678. 1478.0 61.582 0.16860
TOTAL TIME 5.32071E+06 88678. 1478.0 61.582 0.16860

```

1

SOLVING FOR HEAD

```

1 CALLS TO PCG ROUTINE FOR TIME STEP 30 IN STRESS PERIOD 1
1 TOTAL ITERATIONS

```

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER 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
-----
1 0.7235E-05
( 1, 46, 25)

```

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

```

RESIDUAL RESIDUAL RESIDUAL RESIDUAL RESIDUAL
LAYER, ROW, COL LAYER, ROW, COL LAYER, ROW, COL LAYER, ROW, COL LAYER, ROW, COL
-----
1 -0.1771E-02
( 1, 5, 59)

```

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 30

```

SAVE HEAD FOR ALL LAYERS
SAVE DRAWDOWN FOR ALL LAYERS
SAVE BUDGET
PRINT BUDGET

```

```

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 30, STRESS PERIOD
1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 30, STRESS PERIOD
1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 30, STRESS PERIOD
1

```

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 30, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 30, STRESS PERIOD 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 30 IN STRESS PERIOD 1

1

perimeter\_ss1.lst

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	91695.3672	CONSTANT HEAD =	1431.8623
TOTAL IN =	91695.3672	TOTAL IN =	1431.8623
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	91695.2734	CONSTANT HEAD =	1431.8600
TOTAL OUT =	91695.2734	TOTAL OUT =	1431.8600
IN - OUT =	9.3750E-02	IN - OUT =	2.3193E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP		30 IN STRESS PERIOD		1
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	2.12270E+05	3537.8	58.964	2.4568	6.72642E-03
STRESS PERIOD TIME	5.53298E+06	92216.	1536.9	64.039	0.17533
TOTAL TIME	5.53298E+06	92216.	1536.9	64.039	0.17533

1

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 31 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 31  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 31, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 31, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 31, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 31, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 31, STRESS PERIOD  
 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 31 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
--------------------	------	--------------------------	--------

perimeter\_ss1.lst

IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	95248.3828	CONSTANT HEAD =	1431.8622
TOTAL IN =	95248.3828	TOTAL IN =	1431.8622
OUT:		OUT:	
----		----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	95248.2812	CONSTANT HEAD =	1431.8599
TOTAL OUT =	95248.2812	TOTAL OUT =	1431.8599
IN - OUT =	0.1016	IN - OUT =	2.3193E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	31 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS
			DAYS
			YEARS
TIME STEP LENGTH	2.14392E+05	3573.2	59.553
STRESS PERIOD TIME	5.74737E+06	95790.	1596.5
TOTAL TIME	5.74737E+06	95790.	1596.5
			2.4814
			66.521
			6.79369E-03
			0.18212
			0.18212

1

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 32 IN STRESS PERIOD 1

1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 32

SAVE HEAD FOR ALL LAYERS

SAVE DRAWDOWN FOR ALL LAYERS

SAVE BUDGET

PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 32, STRESS PERIOD 1

UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 32, STRESS PERIOD 1

UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 32, STRESS PERIOD 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 32, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 32, STRESS PERIOD 1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 32 IN STRESS PERIOD 1

-----

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
-----		-----	

IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000

```

perimeter_ss1.lst
CONSTANT HEAD =          98836.9297          CONSTANT HEAD =          1431.8619
    TOTAL IN =          98836.9297          TOTAL IN =          1431.8619
    OUT:
    -----
    STORAGE =          0.0000          STORAGE =          0.0000
CONSTANT HEAD =          98836.8203          CONSTANT HEAD =          1431.8596
    TOTAL OUT =          98836.8203          TOTAL OUT =          1431.8596
    IN - OUT =          0.1094          IN - OUT =          2.3193E-03
PERCENT DISCREPANCY =          0.00          PERCENT DISCREPANCY =          0.00

```

```

TIME SUMMARY AT END OF TIME STEP          32 IN STRESS PERIOD          1
          SECONDS          MINUTES          HOURS          DAYS          YEARS
-----
TIME STEP LENGTH 2.16536E+05  3608.9  60.149  2.5062  6.86162E-03
STRESS PERIOD TIME 5.96391E+06  99398.  1656.6  69.027  0.18898
TOTAL TIME 5.96391E+06  99398.  1656.6  69.027  0.18898

```

1

```

SOLVING FOR HEAD
  1 CALLS TO PCG ROUTINE FOR TIME STEP 33 IN STRESS PERIOD 1
  1 TOTAL ITERATIONS

```

```

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 33
  SAVE HEAD FOR ALL LAYERS
  SAVE DRAWDOWN FOR ALL LAYERS
  SAVE BUDGET
  PRINT BUDGET
UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 33, STRESS PERIOD
1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 33, STRESS PERIOD
1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 33, STRESS PERIOD
1

```

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 33, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 33, STRESS PERIOD 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 33 IN STRESS PERIOD

```

-----
CUMULATIVE VOLUMES          L**3          RATES FOR THIS TIME STEP          L**3/T
-----
    IN:
    ---
    STORAGE =          0.0000          STORAGE =          0.0000
CONSTANT HEAD =          102461.3594          CONSTANT HEAD =          1431.8618
    TOTAL IN =          102461.3594          TOTAL IN =          1431.8618

```

perimeter\_ss1.lst

OUT:		OUT:	
-----		-----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	102461.2422	CONSTANT HEAD =	1431.8595
TOTAL OUT =	102461.2422	TOTAL OUT =	1431.8595
IN - OUT =	0.1172	IN - OUT =	2.3193E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP		33 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS	DAYS
	-----			
TIME STEP LENGTH	2.18702E+05	3645.0	60.750	2.5313
STRESS PERIOD TIME	6.18261E+06	1.03044E+05	1717.4	71.558
TOTAL TIME	6.18261E+06	1.03044E+05	1717.4	71.558
				0.19592
				0.19592

1

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 34 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 34  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 34, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 34, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 34, STRESS PERIOD 1  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 34, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 34, STRESS PERIOD 1  
 1

1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 34 IN STRESS PERIOD 1  
 1

CUMULATIVE VOLUMES		L**3	RATES FOR THIS TIME STEP		L**3/T
-----			-----		
IN:			IN:		
-----			-----		
STORAGE =	0.0000		STORAGE =	0.0000	
CONSTANT HEAD =	106122.0312		CONSTANT HEAD =	1431.8617	
TOTAL IN =	106122.0312		TOTAL IN =	1431.8617	
OUT:			OUT:		
-----			-----		
STORAGE =	0.0000		STORAGE =	0.0000	
CONSTANT HEAD =	106121.9062		CONSTANT HEAD =	1431.8594	

perimeter\_ss1.lst

TOTAL OUT = 106121.9062 TOTAL OUT = 1431.8594  
 IN - OUT = 0.1250 IN - OUT = 2.3193E-03  
 PERCENT DISCREPANCY = 0.00 PERCENT DISCREPANCY = 0.00

	TIME SUMMARY AT END OF TIME STEP	34 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS
TIME STEP LENGTH	2.20889E+05	3681.5	61.358
STRESS PERIOD TIME	6.40350E+06	1.06725E+05	1778.7
TOTAL TIME	6.40350E+06	1.06725E+05	1778.7

1

SOLVING FOR HEAD

1 CALLS TO PCG ROUTINE FOR TIME STEP 35 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER 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
1 0.5329E-05				
( 1, 52, 17)				

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL
LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL
1 -0.1537E-02				
( 1, 5, 59)				

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 35

SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 35, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 35, STRESS PERIOD  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 35, STRESS PERIOD  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 35, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 35, STRESS PERIOD 1

1

1

1

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 35 IN STRESS PERIOD

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	109819.3125	CONSTANT HEAD =	1431.8616
TOTAL IN =	109819.3125	TOTAL IN =	1431.8616
OUT:		OUT:	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	109819.1797	CONSTANT HEAD =	1431.8593
TOTAL OUT =	109819.1797	TOTAL OUT =	1431.8593
IN - OUT =	0.1328	IN - OUT =	2.3193E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

	TIME SUMMARY AT END OF TIME STEP	35 IN STRESS PERIOD	1
	SECONDS	MINUTES	HOURS
TIME STEP LENGTH	2.23098E+05	3718.3	61.972
STRESS PERIOD TIME	6.62660E+06	1.10443E+05	1840.7
TOTAL TIME	6.62660E+06	1.10443E+05	1840.7
			DAYS
			7.06954E-03
			0.20998
			0.20998

1

SOLVING FOR HEAD  
 1 CALLS TO PCG ROUTINE FOR TIME STEP 36 IN STRESS PERIOD 1  
 1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 36  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET

UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 36, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 36, STRESS PERIOD 1  
 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 36, STRESS PERIOD 1  
 1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 36, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 36, STRESS PERIOD 1  
 1

1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 36 IN STRESS PERIOD 1  
 1

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	



perimeter\_ss1.lst

```

    ---
    STORAGE =          0.0000          STORAGE =          0.0000
    CONSTANT HEAD =    113553.5625      CONSTANT HEAD =    1431.8613

    TOTAL IN =          113553.5625      TOTAL IN =          1431.8613

    OUT:
    ----
    STORAGE =          0.0000          STORAGE =          0.0000
    CONSTANT HEAD =    113553.4219      CONSTANT HEAD =    1431.8591

    TOTAL OUT =         113553.4219      TOTAL OUT =         1431.8591

    IN - OUT =          0.1406          IN - OUT =         2.1973E-03

    PERCENT DISCREPANCY = 0.00          PERCENT DISCREPANCY = 0.00
  
```

```

    TIME SUMMARY AT END OF TIME STEP          36 IN STRESS PERIOD          1
    SECONDS          MINUTES          HOURS          DAYS          YEARS
    -----
    TIME STEP LENGTH 2.25329E+05  3755.5  62.591  2.6080  7.14023E-03
    STRESS PERIOD TIME 6.85192E+06  1.14199E+05  1903.3  79.305  0.21712
    TOTAL TIME 6.85192E+06  1.14199E+05  1903.3  79.305  0.21712
  
```

1

```

    SOLVING FOR HEAD
    1 CALLS TO PCG ROUTINE FOR TIME STEP 37 IN STRESS PERIOD 1
    1 TOTAL ITERATIONS
  
```

```

    OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 37
    SAVE HEAD FOR ALL LAYERS
    SAVE DRAWDOWN FOR ALL LAYERS
    SAVE BUDGET
    PRINT BUDGET
    UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 37, STRESS PERIOD
    1
    UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 37, STRESS PERIOD
    1
    UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 37, STRESS PERIOD
    1
  
```

```

    HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 37, STRESS PERIOD 1
    DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 37, STRESS PERIOD
    1
  
```

1

1

1

```

    VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 37 IN STRESS PERIOD
  
```

```

    -----
    CUMULATIVE VOLUMES          L**3          RATES FOR THIS TIME STEP          L**3/T
    -----
    IN:
    ----
    STORAGE =          0.0000          STORAGE =          0.0000
    CONSTANT HEAD =    117325.1562      CONSTANT HEAD =    1431.8612
  
```

```

                                perimeter_ss1.lst
TOTAL IN =          117325.1562      TOTAL IN =          1431.8612
OUT:
-----
  STORAGE =          0.0000
CONSTANT HEAD =      117325.0078      CONSTANT HEAD =          1431.8590
TOTAL OUT =          117325.0078      TOTAL OUT =          1431.8590
IN - OUT =          0.1484
PERCENT DISCREPANCY = 0.00      PERCENT DISCREPANCY =          0.00

```

```

TIME SUMMARY AT END OF TIME STEP      37 IN STRESS PERIOD      1
      SECONDS      MINUTES      HOURS      DAYS      YEARS
-----
TIME STEP LENGTH 2.27582E+05  3793.0  63.217  2.6340  7.21164E-03
STRESS PERIOD TIME 7.07951E+06  1.17992E+05  1966.5  81.939  0.22434
TOTAL TIME 7.07951E+06  1.17992E+05  1966.5  81.939  0.22434

```

```

1
SOLVING FOR HEAD
  1 CALLS TO PCG ROUTINE FOR TIME STEP 38 IN STRESS PERIOD 1
  1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 38
  SAVE HEAD FOR ALL LAYERS
  SAVE DRAWDOWN FOR ALL LAYERS
  SAVE BUDGET
  PRINT BUDGET
UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 38, STRESS PERIOD
1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 38, STRESS PERIOD
1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 38, STRESS PERIOD
1
HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 38, STRESS PERIOD 1
DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 38, STRESS PERIOD
1
1
VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 38 IN STRESS PERIOD
1

```

```

-----
CUMULATIVE VOLUMES      L**3      RATES FOR THIS TIME STEP      L**3/T
-----
  IN:
  ----
    STORAGE =          0.0000
CONSTANT HEAD =      121134.4688      CONSTANT HEAD =          1431.8611
TOTAL IN =          121134.4688      TOTAL IN =          1431.8611
OUT:
-----

```

```

perimeter_ss1.lst
STORAGE = 0.0000 STORAGE = 0.0000
CONSTANT HEAD = 121134.3125 CONSTANT HEAD = 1431.8589
TOTAL OUT = 121134.3125 TOTAL OUT = 1431.8589
IN - OUT = 0.1562 IN - OUT = 2.1973E-03
PERCENT DISCREPANCY = 0.00 PERCENT DISCREPANCY = 0.00

```

```

TIME SUMMARY AT END OF TIME STEP 38 IN STRESS PERIOD 1
SECONDS MINUTES HOURS DAYS YEARS
-----
TIME STEP LENGTH 2.29858E+05 3831.0 63.849 2.6604 7.28375E-03
STRESS PERIOD TIME 7.30936E+06 1.21823E+05 2030.4 84.599 0.23162
TOTAL TIME 7.30936E+06 1.21823E+05 2030.4 84.599 0.23162

```

```

1
SOLVING FOR HEAD
1 CALLS TO PCG ROUTINE FOR TIME STEP 39 IN STRESS PERIOD 1
1 TOTAL ITERATIONS

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 39
SAVE HEAD FOR ALL LAYERS
SAVE DRAWDOWN FOR ALL LAYERS
SAVE BUDGET
PRINT BUDGET
UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 39, STRESS PERIOD
1
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 39, STRESS PERIOD
1
UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 39, STRESS PERIOD
1

HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 39, STRESS PERIOD 1
DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 39, STRESS PERIOD
1
1
1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 39 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 = 124981.8750 CONSTANT HEAD = 1431.8610
TOTAL IN = 124981.8750 TOTAL IN = 1431.8610

OUT: OUT:
---- ----
STORAGE = 0.0000 STORAGE = 0.0000
CONSTANT HEAD = 124981.7109 CONSTANT HEAD = 1431.8588
TOTAL OUT = 124981.7109 TOTAL OUT = 1431.8588

```

perimeter\_ss1.lst

IN - OUT = 0.1641 IN - OUT = 2.1973E-03  
PERCENT DISCREPANCY = 0.00 PERCENT DISCREPANCY = 0.00

	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	2.32156E+05	3869.3	64.488	2.6870	7.35659E-03
STRESS PERIOD TIME	7.54152E+06	1.25692E+05	2094.9	87.286	0.23898
TOTAL TIME	7.54152E+06	1.25692E+05	2094.9	87.286	0.23898

1

SOLVING FOR HEAD  
1 CALLS TO PCG ROUTINE FOR TIME STEP 40 IN STRESS PERIOD 1  
1 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER 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
1 0.4963E-05				
( 1, 43, 23)				

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL	RESIDUAL
LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL	LAYER, ROW, COL
1 -0.1333E-02				
( 1, 5, 59)				

OUTPUT CONTROL FOR STRESS PERIOD 1 TIME STEP 40  
 SAVE HEAD FOR ALL LAYERS  
 SAVE DRAWDOWN FOR ALL LAYERS  
 SAVE BUDGET  
 PRINT BUDGET  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT 50 AT TIME STEP 40, STRESS PERIOD 1  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT 50 AT TIME STEP 40, STRESS PERIOD 1  
 UBUDSV SAVING "FLOW FRONT FACE " ON UNIT 50 AT TIME STEP 40, STRESS PERIOD 1  
 HEAD WILL BE SAVED ON UNIT 30 AT END OF TIME STEP 40, STRESS PERIOD 1  
 DRAWDOWN WILL BE SAVED ON UNIT 31 AT END OF TIME STEP 40, STRESS PERIOD 1  
 1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 40 IN STRESS PERIOD 1

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
--------------------	------	--------------------------	--------

perimeter\_ss1.lst

IN:		IN:	
---		---	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	128867.7500	CONSTANT HEAD =	1431.8608
TOTAL IN =	128867.7500	TOTAL IN =	1431.8608
OUT:		OUT:	
----		----	
STORAGE =	0.0000	STORAGE =	0.0000
CONSTANT HEAD =	128867.5781	CONSTANT HEAD =	1431.8586
TOTAL OUT =	128867.5781	TOTAL OUT =	1431.8586
IN - OUT =	0.1719	IN - OUT =	2.1973E-03
PERCENT DISCREPANCY =	0.00	PERCENT DISCREPANCY =	0.00

		TIME SUMMARY AT END OF TIME STEP		40 IN STRESS PERIOD		1
		SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH		2.34478E+05	3908.0	65.133	2.7139	7.43016E-03
STRESS PERIOD TIME		7.77600E+06	1.29600E+05	2160.0	90.000	0.24641
TOTAL TIME		7.77600E+06	1.29600E+05	2160.0	90.000	0.24641

1

peri meter\_ss1. glo  
MODFLOW-2000  
U. S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER FLOW MODEL  
VERSION 1. 19. 01 03/25/2010

This model run produced both GLOBAL and LIST files. This is the GLOBAL file.

GLOBAL LISTING FILE: E:\strata-model -peri meter\peri meter\_ss1. glo  
UNIT 3

OPENING E:\strata-model -peri meter\peri meter\_ss1. lst  
FILE TYPE: LIST UNIT 2 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. bas  
FILE TYPE: BAS6 UNIT 1 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. lpf  
FILE TYPE: LPF UNIT 11 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. dis  
FILE TYPE: DIS UNIT 29 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. zone  
FILE TYPE: ZONE UNIT 40 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. wel  
FILE TYPE: WEL UNIT 12 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. oc  
FILE TYPE: OC UNIT 22 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. pcg  
FILE TYPE: PCG UNIT 19 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. chd  
FILE TYPE: CHD UNIT 13 STATUS:

OPENING E:\strata-model -peri meter\ini tb. hds  
FILE TYPE: DATAGLO(BINARY) UNIT 14 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. cbb  
FILE TYPE: DATA(BINARY) UNIT 50 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. hds  
FILE TYPE: DATA(BINARY) UNIT 30 STATUS:

OPENING E:\strata-model -peri meter\peri meter\_ss1. ddn  
FILE TYPE: DATA(BINARY) UNIT 31 STATUS:

DISCRETIZATION INPUT DATA READ FROM UNIT 29  
# MODFLOW2000 Discretization File  
1 LAYERS 115 ROWS 115 COLUMNS  
1 STRESS PERIOD(S) IN SIMULATION  
MODEL TIME UNIT IS DAYS  
MODEL LENGTH UNIT IS FEET  
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

perimeter\_ss1.glo

ZONE OPTION, INPUT READ FROM UNIT 40  
 # MODFLOW2000 Zone File  
 # Groundwater Vistas writes all zones regardless of whether  
 # they are being used. These zones include:  
 # kxzone##, kzzone##, szone##, rzone, and etzone, where  
 # ## is the layer number

2 ZONE ARRAYS

Configuring bed flag for each layer:

0

119255	ELEMENTS OF GX ARRAY USED OUT OF	119255
13225	ELEMENTS OF GZ ARRAY USED OUT OF	13225
39675	ELEMENTS OF IG ARRAY USED OUT OF	39675

DEL R						
READING ON	UNIT	29	WITH	FORMAT: (10E12.4)		
500.00	500.00	500.00	500.00	500.00	500.00	500.00
500.00	500.00	500.00	500.00	430.00		
350.00	280.00	200.00	140.00	100.00	70.000	
70.000	60.000	50.000	40.000			
35.000	25.000	20.000	20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000	20.000		
20.000	20.000	20.000	20.000	20.000	20.000	20.000
20.000	15.000	15.000	15.000	15.000	15.000	13.000
13.000	12.000	11.000	10.000			
9.0000	8.0000	8.0000	7.0000	7.0000	6.0000	
6.0000	6.0000	6.0000	6.0000	6.0000		
7.0000	7.0000	8.0000	8.0000	8.0000	9.0000	10.000
11.000	12.000	13.000	13.000			
15.000	15.000	15.000	15.000	15.000	20.000	20.000
20.000	20.000	20.000	20.000	20.000		
20.000	20.000	20.000	20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000	20.000		
20.000	20.000	20.000	20.000	25.000	35.000	40.000
50.000	60.000	70.000	70.000			
100.00	140.00	200.00	280.00	350.00	430.00	
500.00	500.00	500.00	500.00	500.00		
500.00	500.00	500.00	500.00	500.00	500.00	

DEL C						
READING ON	UNIT	29	WITH	FORMAT: (10E12.4)		
500.00	500.00	500.00	500.00	500.00	500.00	500.00
500.00	500.00	500.00	500.00	430.00		
350.00	280.00	200.00	140.00	100.00	70.000	
70.000	60.000	50.000	40.000			
35.000	25.000	20.000	20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000	20.000		
20.000	20.000	20.000	20.000	20.000	20.000	20.000
20.000	15.000	15.000	15.000	15.000	15.000	13.000
13.000	12.000	11.000	10.000			
9.0000	8.0000	8.0000	7.0000	7.0000	6.0000	
6.0000	6.0000	6.0000	6.0000	6.0000		
7.0000	7.0000	8.0000	8.0000	8.0000	9.0000	10.000
11.000	12.000	13.000	13.000			
15.000	15.000	15.000	15.000	15.000	20.000	20.000

perimeter\_ss1.glo

20.000	20.000	20.000	20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000	25.000	35.000	40.000
50.000	60.000	70.000	70.000	70.000	70.000	70.000
100.00	140.00	200.00	200.00	280.00	350.00	430.00
500.00	500.00	500.00	500.00	500.00	500.00	500.00
500.00	500.00	500.00	500.00	500.00	500.00	500.00

TOP ELEVATION OF LAYER 1 = 20.0000

MODEL LAYER BOTTOM EL. = 0.00000 FOR LAYER 1

STRESS PERIOD	LENGTH	TIME STEPS	MULTIPLIER FOR DELT	SS FLAG
1	90.00000	40	1.010	SS

STEADY-STATE SIMULATION

ZONE ARRAY: kxzone1 = 1

ZONE ARRAY: szone1 = 1

LPF1 -- LAYER PROPERTY FLOW PACKAGE, VERSION 1, 1/11/2000  
 INPUT READ FROM UNIT 11

# MODFLOW2000 Layer Property Flow (LPF) Package  
 CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 50  
 HEAD AT CELLS THAT CONVERT TO DRY= -1.00000E+30  
 No named parameters

LAYER FLAGS:

LAYER	LAYTYP	LAYAVG	CHANI	LAYVKA	LAYWET
1	1	0	1.000E+00	0	0

INTERPRETATION OF LAYER FLAGS:

LAYER	LAYER TYPE (LAYTYP)	INTERBLOCK TRANSMISSIVITY (LAYAVG)	HORIZONTAL ANISOTROPY (CHANI)	DATA IN ARRAY VKA (LAYVKA)	WETTABILITY (LAYWET)
1	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	NON-WETTABLE

26450 ELEMENTS IN X ARRAY ARE USED BY LPF  
 6 ELEMENTS IN IX ARRAY ARE USED BY LPF

PCG2 -- CONJUGATE GRADIENT SOLUTION PACKAGE, VERSION 2.4, 12/29/98  
 MAXIMUM OF 100 CALLS OF SOLUTION ROUTINE  
 MAXIMUM OF 25 INTERNAL ITERATIONS PER CALL TO SOLUTION ROUTINE  
 MATRIX PRECONDITIONING TYPE : 1

31450 ELEMENTS IN X ARRAY ARE USED BY PCG  
 17500 ELEMENTS IN IX ARRAY ARE USED BY PCG  
 52900 ELEMENTS IN Z ARRAY ARE USED BY PCG

57900	ELEMENTS OF X ARRAY USED OUT OF	57900
52900	ELEMENTS OF Z ARRAY USED OUT OF	52900
17506	ELEMENTS OF IX ARRAY USED OUT OF	17506
0	ELEMENTS OF XHS ARRAY USED OUT OF	1



perimeter\_ss1.glo

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

-----  
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 100  
MAXIMUM ITERATIONS PER CALL TO PCG = 25  
MATRIX PRECONDITIONING TYPE = 1  
RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01  
PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2  
HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-03  
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.10000E-01  
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 5  
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0  
DAMPING PARAMETER = 0.10000E+01

WETTING CAPABILITY IS NOT ACTIVE IN ANY LAYER

HYD. COND. ALONG ROWS FOR LAYER 1  
READING ON UNIT 11 WITH FORMAT: (10e12.4)

VERTICAL HYD. COND. FOR LAYER 1  
READING ON UNIT 11 WITH FORMAT: (10e12.4)

0 TIME-VARIANT SPECIFIED-HEAD PARAMETERS