

SECTION_B_CASE_III_5_YEARS_NOD3
MODFLOW-2000
U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER FLOW MODEL
VERSION 1.18.00 08/23/2007 Prec:single, Reg:GUI

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

GLOBAL LISTING FILE: C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case
III 5 Years\SECTION_B_CASE_III_5_YEARS_NOD3.LST
UNIT 6

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.PCG
FILE TYPE:PCG UNIT 23 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.BAS
FILE TYPE:BAS6 UNIT 10 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.BCF
FILE TYPE:BCF6 UNIT 11 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.DRN
FILE TYPE:DRN UNIT 13 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.EVT
FILE TYPE:EVT UNIT 15 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.RCH
FILE TYPE:RCH UNIT 18 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.OC
FILE TYPE:OC UNIT 22 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.HFB
FILE TYPE:HFB6 UNIT 31 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.DIS
FILE TYPE:DIS UNIT 34 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.LMT
FILE TYPE:LMT6 UNIT 333 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.FLO
FILE TYPE:DATA(BINARY) UNIT 175 STATUS:UNKNOWN
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

SECTION_B_CASE_III_5_YEARS_NOD3

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.NDC
FILE TYPE:NDC UNIT 57 STATUS:OLD
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.HDS
FILE TYPE:DATA(BINARY) UNIT 150 STATUS:UNKNOWN
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.DDN
FILE TYPE:DATA(BINARY) UNIT 151 STATUS:UNKNOWN
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section B\Section B - Case III 5
Years\SECTION_B_CASE_III_5_YEARS_NOD3.BGT
FILE TYPE:DATA(BINARY) UNIT 154 STATUS:UNKNOWN
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

DISCRETIZATION INPUT DATA READ FROM UNIT 34
#Discretization Package translator - (c) 2001 Waterloo Hydrogeologic Software
#SECTION_B_CASE_III_5_YEARS_NOD3.DIS Thu Jan 17 17:48:02 2013
80 LAYERS 1 ROWS 500 COLUMNS
5 STRESS PERIOD(S) IN SIMULATION
MODEL TIME UNIT IS YEARS
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

Confining bed flag for each layer:

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

360501	ELEMENTS OF GX ARRAY USED OUT OF	360501
40000	ELEMENTS OF GZ ARRAY USED OUT OF	40000
40000	ELEMENTS OF IG ARRAY USED OUT OF	40000

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

DEL C
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

SECTION_B_CASE_III_5_YEARS_NOD3

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)

MODEL LAYER BOTTOM EL. FOR LAYER 8
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 9
READING ON UNIT 34 WITH FORMAT: (10E14.7)

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

MODEL LAYER BOTTOM EL. FOR LAYER 11
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 12
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 13
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 14

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 15
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 16
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 17
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 18
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 19
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 20
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 21
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 22
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 23
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 24
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 25
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 26
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 27

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 28
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 29
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 30
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 31
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 32
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 33
READING ON UNIT 34 WITH FORMAT: (10E14.7)

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

MODEL LAYER BOTTOM EL. FOR LAYER 35
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 36
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 37
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 38
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 39
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 40

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 41
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 42
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 43
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 44
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 45
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 46
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 47
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 48
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 49
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 50
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 51
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 52
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 53

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 54
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 55
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 56
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 57
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 58
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 59
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 60
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 61
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 62
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 63
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 64
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 65
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 66

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 67
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 68
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 69
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 70
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 71
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 72
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 73
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 74
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 75
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 76
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 77
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 78
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 79

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 80

READING ON UNIT 34 WITH FORMAT: (10E14.7)

STRESS PERIOD	LENGTH	TIME STEPS	MULTIPLIER FOR DELT	SS FLAG
1	19.00000	10	1.200	TR
2	7.000000	10	1.200	TR
3	26.00000	10	1.200	TR
4	4.000000	10	1.200	TR
5	74.00000	10	1.200	TR

TRANSIENT SIMULATION

PCG2 -- CONJUGATE GRADIENT SOLUTION PACKAGE, VERSION 2.4, 12/29/98

MAXIMUM OF 10000 CALLS OF SOLUTION ROUTINE

MAXIMUM OF 10 INTERNAL ITERATIONS PER CALL TO SOLUTION ROUTINE

MATRIX PRECONDITIONING TYPE : 1

280000 ELEMENTS IN X ARRAY ARE USED BY PCG

700000 ELEMENTS IN IX ARRAY ARE USED BY PCG

160000 ELEMENTS IN Z ARRAY ARE USED BY PCG

280000 ELEMENTS OF X ARRAY USED OUT OF 280000

160000 ELEMENTS OF Z ARRAY USED OUT OF 160000

700000 ELEMENTS OF IX ARRAY USED OUT OF 700000

0 ELEMENTS OF XHS ARRAY USED OUT OF 1

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

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#SECTION_B_CASE_III_5_YEARS_NOD3.BAS Thu Jan 17 17:46:35 2013

80 LAYERS 1 ROWS 500 COLUMNS

5 STRESS PERIOD(S) IN SIMULATION

BAS6 -- BASIC PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT 10

400 ELEMENTS IN IR ARRAY ARE USED BY BAS

BCF6 -- BLOCK-CENTERED FLOW PACKAGE, VERSION 6, 1/11/2000

INPUT READ FROM UNIT 11

TRANSIENT 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= 1.00000 WETTING ITERATION INTERVAL= 5

FLAG THAT SPECIFIES THE EQUATION TO USE FOR HEAD AT WETTED CELLS= 0

SECTION_B_CASE_III_5_YEARS_NOD3

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
8	3	0	-- HARMONIC
9	3	0	-- HARMONIC
10	3	0	-- HARMONIC
11	3	0	-- HARMONIC
12	3	0	-- HARMONIC
13	3	0	-- HARMONIC
14	3	0	-- HARMONIC
15	3	0	-- HARMONIC
16	3	0	-- HARMONIC
17	3	0	-- HARMONIC
18	3	0	-- HARMONIC
19	3	0	-- HARMONIC
20	3	0	-- HARMONIC
21	3	0	-- HARMONIC
22	3	0	-- HARMONIC
23	3	0	-- HARMONIC
24	3	0	-- HARMONIC
25	3	0	-- HARMONIC
26	3	0	-- HARMONIC
27	3	0	-- HARMONIC
28	3	0	-- HARMONIC
29	3	0	-- HARMONIC
30	3	0	-- HARMONIC
31	3	0	-- HARMONIC
32	3	0	-- HARMONIC
33	3	0	-- HARMONIC
34	3	0	-- HARMONIC
35	3	0	-- HARMONIC
36	3	0	-- HARMONIC
37	3	0	-- HARMONIC
38	3	0	-- HARMONIC
39	3	0	-- HARMONIC
40	3	0	-- HARMONIC
41	3	0	-- HARMONIC
42	3	0	-- HARMONIC
43	3	0	-- HARMONIC
44	3	0	-- HARMONIC
45	3	0	-- HARMONIC
46	3	0	-- HARMONIC
47	3	0	-- HARMONIC
48	3	0	-- HARMONIC
49	3	0	-- HARMONIC
50	3	0	-- HARMONIC
51	3	0	-- HARMONIC
52	3	0	-- HARMONIC
53	3	0	-- HARMONIC
54	3	0	-- HARMONIC
55	3	0	-- HARMONIC
56	3	0	-- HARMONIC
57	3	0	-- HARMONIC
58	3	0	-- HARMONIC
59	3	0	-- HARMONIC
60	3	0	-- HARMONIC
61	3	0	-- HARMONIC
62	3	0	-- HARMONIC
63	3	0	-- HARMONIC

SECTION_B_CASE_III_5_YEARS_NOD3

64	3	0 -- HARMONIC
65	3	0 -- HARMONIC
66	3	0 -- HARMONIC
67	3	0 -- HARMONIC
68	3	0 -- HARMONIC
69	3	0 -- HARMONIC
70	3	0 -- HARMONIC
71	3	0 -- HARMONIC
72	3	0 -- HARMONIC
73	3	0 -- HARMONIC
74	3	0 -- HARMONIC
75	3	0 -- HARMONIC
76	3	0 -- HARMONIC
77	3	0 -- HARMONIC
78	3	0 -- HARMONIC
79	3	0 -- HARMONIC
80	3	0 -- HARMONIC

199580 ELEMENTS IN RX ARRAY ARE USED BY BCF

DRN6 -- DRAIN PACKAGE, VERSION 6, 1/11/2000 INPUT READ FROM UNIT 13
 No named parameters
 MAXIMUM OF 18 ACTIVE DRAINS AT ONE TIME
 CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154
 90 ELEMENTS IN RX ARRAY ARE USED BY DRN

EVT6 -- EVAPOTRANSPIRATION PACKAGE, VERSION 6, 12/14/2000
 INPUT READ FROM UNIT 15
 No named parameters
 OPTION 1 -- EVAPOTRANSPIRATION FROM TOP LAYER
 CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154
 1500 ELEMENTS IN RX ARRAY ARE USED BY EVT
 500 ELEMENTS IN IR ARRAY ARE USED BY EVT

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
 500 ELEMENTS IN RX ARRAY ARE USED BY RCH
 500 ELEMENTS IN IR ARRAY ARE USED BY RCH

HFB6 -- HORIZONTAL FLOW BARRIER PACKAGE, VERSION 6, 1/11/1000.
 INPUT READ FROM UNIT 31
 0 PARAMETERS DEFINE A MAXIMUM OF 0 HORIZONTAL FLOW BARRIERS
 74 HORIZONTAL FLOW BARRIERS NOT DEFINED BY PARAMETERS
 518 ELEMENTS IN RX ARRAY ARE USED FOR
 HORIZONTAL FLOW BARRIER PACKAGE

202188	ELEMENTS OF RX ARRAY USED OUT OF	202188
0	ELEMENTS OF RZ ARRAY USED OUT OF	1
1400	ELEMENTS OF IR ARRAY USED OUT OF	1400

1
 #Basic Package translator - (c) 2001 Waterloo Hydrogeologic Software
 #SECTION_B_CASE_III_5_YEARS_NOD3.BAS Thu Jan 17 17:46:35 2013

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

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

SECTION_B_CASE_III_5_YEARS_NOD3

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)

BOUNDARY ARRAY FOR LAYER 8
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 9
READING ON UNIT 10 WITH FORMAT: (40I2)

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

BOUNDARY ARRAY FOR LAYER 11
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 12
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 13
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 14
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 15
READING ON UNIT 10 WITH FORMAT: (40I2)

SECTION_B_CASE_III_5_YEARS_NOD3

BOUNDARY ARRAY FOR LAYER 16
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 17
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 18
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 19
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 20
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 21
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 22
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 23
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 24
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 25
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 26
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 27
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 28
READING ON UNIT 10 WITH FORMAT: (40I2)

SECTION_B_CASE_III_5_YEARS_NOD3

BOUNDARY ARRAY FOR LAYER 29
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 30
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 31
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 32
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 33
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 34
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 35
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 36
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 37
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 38
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 39
READING ON UNIT 10 WITH FORMAT: (40I2)

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

BOUNDARY ARRAY FOR LAYER 41
READING ON UNIT 10 WITH FORMAT: (40I2)

SECTION_B_CASE_III_5_YEARS_NOD3

BOUNDARY ARRAY FOR LAYER 42
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 43
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 44
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 45
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 46
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 47
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 48
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 49
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 50
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 51
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 52
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 53
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 54
READING ON UNIT 10 WITH FORMAT: (40I2)

SECTION_B_CASE_III_5_YEARS_NOD3

BOUNDARY ARRAY FOR LAYER 55
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 56
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 57
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 58
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 59
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 60
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 61
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 62
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 63
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 64
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 65
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 66
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 67
READING ON UNIT 10 WITH FORMAT: (40I2)

SECTION_B_CASE_III_5_YEARS_NOD3

BOUNDARY ARRAY FOR LAYER 68
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 69
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 70
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 71
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 72
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 73
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 74
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 75
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 76
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 77
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 78
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 79
READING ON UNIT 10 WITH FORMAT: (40I2)

BOUNDARY ARRAY FOR LAYER 80
READING ON UNIT 10 WITH FORMAT: (40I2)

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

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	1
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	2
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	3
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	4
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	5
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	6
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	7
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	8
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	9
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	10
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	11
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	12
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	13

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	14
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	15
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	16
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	17
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	18
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	19
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	20
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	21
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	22
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	23
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	24
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	25
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	26

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	27
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	28
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	29
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	30
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	31
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	32
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	33
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	34
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	35
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	36
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	37
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	38
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	39

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	40
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	41
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	42
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	43
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	44
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	45
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	46
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	47
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	48
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	49
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	50
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	51
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	52

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT	10	INITIAL HEAD FOR LAYER	53
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	54
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	55
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	56
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	57
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	58
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	59
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	60
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	61
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	62
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	63
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	64
		WITH FORMAT: (10G12.5)	
READING ON UNIT	10	INITIAL HEAD FOR LAYER	65
		WITH FORMAT: (10G12.5)	

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	66
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	67
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	68
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	69
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	70
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	71
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	72
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	73
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	74
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	75
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	76
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	77
READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	78

SECTION_B_CASE_III_5_YEARS_NOD3

 INITIAL HEAD FOR LAYER 79
 READING ON UNIT 10 WITH FORMAT: (10G12.5)

 INITIAL HEAD FOR LAYER 80
 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)

 PRIMARY STORAGE COEF FOR LAYER 1
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 1
 VERT HYD COND /THICKNESS = 9.829100E-02 FOR LAYER 1
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 1
 WETDRY PARAMETER = -10.0000 FOR LAYER 1

 PRIMARY STORAGE COEF FOR LAYER 2
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 2
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 2
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 2
 WETDRY PARAMETER = -10.0000 FOR LAYER 2

 PRIMARY STORAGE COEF FOR LAYER 3
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 3
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 3
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 3
 WETDRY PARAMETER = -10.0000 FOR LAYER 3

 PRIMARY STORAGE COEF FOR LAYER 4
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 4

SECTION_B_CASE_III_5_YEARS_NOD3

VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 4
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 4
WETDRY PARAMETER = -10.0000 FOR LAYER 4

PRIMARY STORAGE COEF FOR LAYER 5
READING ON UNIT 11 WITH FORMAT: (10G11.4)
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 5
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 5
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 5
WETDRY PARAMETER = -10.0000 FOR LAYER 5

PRIMARY STORAGE COEF FOR LAYER 6
READING ON UNIT 11 WITH FORMAT: (10G11.4)
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 6

VERT HYD COND /THICKNESS FOR LAYER 6
READING ON UNIT 11 WITH FORMAT: (10G11.4)
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 6
WETDRY PARAMETER = -10.0000 FOR LAYER 6

PRIMARY STORAGE COEF FOR LAYER 7
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 7
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 7
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 7
READING ON UNIT 11 WITH FORMAT: (10G11.4)
WETDRY PARAMETER = -10.0000 FOR LAYER 7

PRIMARY STORAGE COEF FOR LAYER 8
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 8

SECTION_B_CASE_III_5_YEARS_NOD3

READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 8
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 8
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 8

PRIMARY STORAGE COEF FOR LAYER 9
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 9
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 9
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 9
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 9

PRIMARY STORAGE COEF FOR LAYER 10
READING ON UNIT 11 WITH FORMAT: (10G11.4)

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

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

SECONDARY STORAGE COEF FOR LAYER 10
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 10

PRIMARY STORAGE COEF FOR LAYER 11
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_5_YEARS_NOD3

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

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

SECONDARY STORAGE COEF FOR LAYER 11
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 11

PRIMARY STORAGE COEF FOR LAYER 12
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 12
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 12
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 12
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 12

PRIMARY STORAGE COEF FOR LAYER 13
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 13
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 13
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 13
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 13

PRIMARY STORAGE COEF FOR LAYER 14
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_5_YEARS_NOD3

HYD. COND. ALONG ROWS FOR LAYER 14
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 14
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 14
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 14

PRIMARY STORAGE COEF FOR LAYER 15
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 15
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 15
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 15
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 15

PRIMARY STORAGE COEF FOR LAYER 16
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 16
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 16
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 16
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 16

PRIMARY STORAGE COEF FOR LAYER 17
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_5_YEARS_NOD3

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 17

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 17

SECONDARY STORAGE COEF FOR LAYER 17
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 17

PRIMARY STORAGE COEF FOR LAYER 18
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 18

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 18

SECONDARY STORAGE COEF FOR LAYER 18
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 18

PRIMARY STORAGE COEF FOR LAYER 19
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 19

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 19

SECONDARY STORAGE COEF FOR LAYER 19
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 19

PRIMARY STORAGE COEF FOR LAYER 20
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 20

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 20

SECONDARY STORAGE COEF FOR LAYER 20
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 20

PRIMARY STORAGE COEF FOR LAYER 21
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 21

SECTION_B_CASE_III_5_YEARS_NOD3

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 21

SECONDARY STORAGE COEF FOR LAYER 21
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 21

PRIMARY STORAGE COEF FOR LAYER 22
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 22

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 22

SECONDARY STORAGE COEF FOR LAYER 22
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 22

PRIMARY STORAGE COEF FOR LAYER 23
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 23

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 23

SECONDARY STORAGE COEF FOR LAYER 23
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 23

PRIMARY STORAGE COEF FOR LAYER 24
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 24

VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 24

SECONDARY STORAGE COEF FOR LAYER 24
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 24

PRIMARY STORAGE COEF FOR LAYER 25
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 25

SECTION_B_CASE_III_5_YEARS_NOD3
VERT HYD COND /THICKNESS = 4024.80 FOR LAYER 25

SECONDARY STORAGE COEF FOR LAYER 25
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 25

PRIMARY STORAGE COEF FOR LAYER 26
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS = 4024.80 FOR LAYER 26

VERT HYD COND /THICKNESS FOR LAYER 26
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 26
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 26

PRIMARY STORAGE COEF FOR LAYER 27
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 27
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 27
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 27
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = -10.0000 FOR LAYER 27

PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 28

HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 28

VERT HYD COND /THICKNESS = 0.175890 FOR LAYER 28

SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 28

WETDRY PARAMETER = -10.0000 FOR LAYER 28

PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 29

HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 29

VERT HYD COND /THICKNESS = 0.175890 FOR LAYER 29

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SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 29
 WETDRY PARAMETER = -10.0000 FOR LAYER 29
 PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 30
 HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 30
 VERT HYD COND /THICKNESS = 0.175890 FOR LAYER 30
 SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 30
 WETDRY PARAMETER = -10.0000 FOR LAYER 30
 PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 31
 HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 31
 VERT HYD COND /THICKNESS = 0.175890 FOR LAYER 31
 SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 31
 WETDRY PARAMETER = -10.0000 FOR LAYER 31
 PRIMARY STORAGE COEF = 1.000000E-06 FOR LAYER 32
 HYD. COND. ALONG ROWS = 0.331090 FOR LAYER 32

VERT HYD COND /THICKNESS FOR LAYER 32
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF = 1.000000E-02 FOR LAYER 32
 WETDRY PARAMETER = -10.0000 FOR LAYER 32

PRIMARY STORAGE COEF FOR LAYER 33
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 33
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 33
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 33
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 33
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_5_YEARS_NOD3

PRIMARY STORAGE COEF FOR LAYER 34
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 34
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 34
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 34
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 34
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 35
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 35
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 35
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 35
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 35
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 36
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 36
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 36
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_5_YEARS_NOD3

SECONDARY STORAGE COEF FOR LAYER 36
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 36
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 37
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 37
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 37
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 37
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 37
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 38
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 38
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 38
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 38
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 38
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 39
READING ON UNIT 11 WITH FORMAT: (10G11.4)

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HYD. COND. ALONG ROWS FOR LAYER 39
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 39
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 39
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 39
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 40
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 40
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 40
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 40
READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 40
READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 41
READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 41
READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 41
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 41
READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECTION_B_CASE_III_5_YEARS_NOD3

WETDRY PARAMETER FOR LAYER 41
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 42
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 42
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 42
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 42
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 42
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

PRIMARY STORAGE COEF FOR LAYER 43
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 43
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

VERT HYD COND /THICKNESS FOR LAYER 43
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

SECONDARY STORAGE COEF FOR LAYER 43
 READING ON UNIT 11 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 43

PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 44

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 44

VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 44

SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 44

WETDRY PARAMETER = 0.00000 FOR LAYER 44

PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 45

HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 45

VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 45

SECTION_B_CASE_III_5_YEARS_NOD3

SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 45
WETDRY PARAMETER = 0.00000 FOR LAYER 45
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 46
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 46
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 46
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 46
WETDRY PARAMETER = 0.00000 FOR LAYER 46
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 47
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 47
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 47
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 47
WETDRY PARAMETER = 0.00000 FOR LAYER 47
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 48
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 48
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 48
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 48
WETDRY PARAMETER = 0.00000 FOR LAYER 48
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 49
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 49
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 49
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 49
WETDRY PARAMETER = 0.00000 FOR LAYER 49
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 50
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 50
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 50
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 50
WETDRY PARAMETER = 0.00000 FOR LAYER 50
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 51
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 51
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 51
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 51
WETDRY PARAMETER = 0.00000 FOR LAYER 51

SECTION_B_CASE_III_5_YEARS_NOD3

PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 52
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 52
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 52
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 52
 WETDRY PARAMETER = 0.00000 FOR LAYER 52
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 53
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 53
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 53
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 53
 WETDRY PARAMETER = 0.00000 FOR LAYER 53
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 54
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 54
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 54
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 54
 WETDRY PARAMETER = 0.00000 FOR LAYER 54
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 55
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 55
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 55
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 55
 WETDRY PARAMETER = 0.00000 FOR LAYER 55
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 56
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 56
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 56
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 56
 WETDRY PARAMETER = 0.00000 FOR LAYER 56
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 57
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 57
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 57
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 57
 WETDRY PARAMETER = 0.00000 FOR LAYER 57
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 58
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 58
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 58

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SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 58
WETDRY PARAMETER = 0.00000 FOR LAYER 58
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 59
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 59
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 59
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 59
WETDRY PARAMETER = 0.00000 FOR LAYER 59
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 60
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 60
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 60
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 60
WETDRY PARAMETER = 0.00000 FOR LAYER 60
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 61
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 61
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 61
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 61
WETDRY PARAMETER = 0.00000 FOR LAYER 61
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 62
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 62
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 62
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 62
WETDRY PARAMETER = 0.00000 FOR LAYER 62
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 63
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 63
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 63
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 63
WETDRY PARAMETER = 0.00000 FOR LAYER 63
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 64
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 64
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 64
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 64
WETDRY PARAMETER = 0.00000 FOR LAYER 64

SECTION_B_CASE_III_5_YEARS_NOD3

PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 65
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 65
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 65
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 65
WETDRY PARAMETER = 0.00000 FOR LAYER 65
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 66
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 66
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 66
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 66
WETDRY PARAMETER = 0.00000 FOR LAYER 66
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 67
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 67
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 67
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 67
WETDRY PARAMETER = 0.00000 FOR LAYER 67
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 68
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 68
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 68
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 68
WETDRY PARAMETER = 0.00000 FOR LAYER 68
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 69
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 69
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 69
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 69
WETDRY PARAMETER = 0.00000 FOR LAYER 69
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 70
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 70
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 70
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 70
WETDRY PARAMETER = 0.00000 FOR LAYER 70
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 71
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 71
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 71

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SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 71
WETDRY PARAMETER = 0.00000 FOR LAYER 71
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 72
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 72
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 72
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 72
WETDRY PARAMETER = 0.00000 FOR LAYER 72
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 73
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 73
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 73
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 73
WETDRY PARAMETER = 0.00000 FOR LAYER 73
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 74
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 74
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 74
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 74
WETDRY PARAMETER = 0.00000 FOR LAYER 74
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 75
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 75
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 75
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 75
WETDRY PARAMETER = 0.00000 FOR LAYER 75
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 76
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 76
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 76
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 76
WETDRY PARAMETER = 0.00000 FOR LAYER 76
PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 77
HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 77
VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 77
SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 77
WETDRY PARAMETER = 0.00000 FOR LAYER 77

SECTION_B_CASE_III_5_YEARS_NOD3

PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 78
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 78
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 78
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 78
 WETDRY PARAMETER = 0.00000 FOR LAYER 78
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 79
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 79
 VERT HYD COND /THICKNESS = 0.589750 FOR LAYER 79
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 79
 WETDRY PARAMETER = 0.00000 FOR LAYER 79
 PRIMARY STORAGE COEF = 2.100000E-04 FOR LAYER 80
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 80
 SECONDARY STORAGE COEF = 2.000000E-02 FOR LAYER 80
 WETDRY PARAMETER = 0.00000 FOR LAYER 80

0 Drain parameters

0 Evapotranspiration parameters

0 Recharge parameters

0 HFB parameters

74 BARRIERS NOT DEFINED BY PARAMETERS

BARRIER	LAYER	IROW1	ICOL1	IROW2	ICOL2	HYDCHR
1	1	1	9	1	8	0.34488E-01
2	1	1	447	1	446	0.34488E-01
3	2	1	9	1	8	0.34488E-01
4	2	1	447	1	446	0.34488E-01
5	3	1	9	1	8	0.34488E-01
6	3	1	447	1	446	0.34488E-01
7	4	1	9	1	8	0.34488E-01
8	4	1	447	1	446	0.34488E-01
9	5	1	9	1	8	0.34488E-01
10	5	1	447	1	446	0.34488E-01
11	6	1	9	1	8	0.34488E-01
12	6	1	447	1	446	0.34488E-01
13	7	1	9	1	8	0.34488E-01
14	7	1	447	1	446	0.34488E-01
15	8	1	9	1	8	0.34488E-01
16	8	1	447	1	446	0.34488E-01
17	9	1	9	1	8	0.34488E-01
18	9	1	447	1	446	0.34488E-01
19	10	1	9	1	8	0.34488E-01
20	10	1	447	1	446	0.34488E-01
21	11	1	9	1	8	0.34488E-01
22	11	1	447	1	446	0.34488E-01
23	12	1	9	1	8	0.34488E-01

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24	12	1	447	1	446	0.34488E-01
25	13	1	9	1	8	0.34488E-01
26	13	1	447	1	446	0.34488E-01
27	14	1	9	1	8	0.34488E-01
28	14	1	447	1	446	0.34488E-01
29	15	1	9	1	8	0.34488E-01
30	15	1	447	1	446	0.34488E-01
31	16	1	9	1	8	0.34488E-01
32	16	1	447	1	446	0.34488E-01
33	17	1	9	1	8	0.34488E-01
34	17	1	447	1	446	0.34488E-01
35	18	1	9	1	8	0.34488E-01
36	18	1	447	1	446	0.34488E-01
37	19	1	9	1	8	0.34488E-01
38	19	1	447	1	446	0.34488E-01
39	20	1	9	1	8	0.34488E-01
40	20	1	447	1	446	0.34488E-01
41	21	1	9	1	8	0.34488E-01
42	21	1	447	1	446	0.34488E-01
43	22	1	9	1	8	0.34488E-01
44	22	1	447	1	446	0.34488E-01
45	23	1	9	1	8	0.34488E-01
46	23	1	447	1	446	0.34488E-01
47	24	1	9	1	8	0.34488E-01
48	24	1	447	1	446	0.34488E-01
49	25	1	9	1	8	0.34488E-01
50	25	1	447	1	446	0.34488E-01
51	26	1	9	1	8	0.34488E-01
52	26	1	447	1	446	0.34488E-01
53	27	1	9	1	8	0.34488E-01
54	27	1	447	1	446	0.34488E-01
55	28	1	9	1	8	0.34488E-01
56	28	1	447	1	446	0.34488E-01
57	29	1	9	1	8	0.34488E-01
58	29	1	447	1	446	0.34488E-01
59	30	1	9	1	8	0.34488E-01
60	30	1	447	1	446	0.34488E-01
61	31	1	9	1	8	0.34488E-01
62	31	1	447	1	446	0.34488E-01
63	32	1	9	1	8	0.34488E-01
64	32	1	447	1	446	0.34488E-01
65	33	1	9	1	8	0.34488E-01
66	33	1	447	1	446	0.34488E-01
67	34	1	447	1	446	0.34488E-01
68	35	1	447	1	446	0.34488E-01
69	36	1	447	1	446	0.34488E-01
70	37	1	447	1	446	0.34488E-01
71	38	1	447	1	446	0.34488E-01
72	39	1	447	1	446	0.34488E-01
73	40	1	447	1	446	0.34488E-01
74	41	1	447	1	446	0.34488E-01

74 HFB BARRIERS

1

STRESS PERIOD NO. 1, LENGTH = 19.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 0.7319322

DRAIN NO. LAYER ROW COL DRAIN EL. CONDUCTANCE

SECTION_B_CASE_III_5_YEARS_NOD3

1	42	1	500	455.0	100.0
2	41	1	500	455.0	100.0
3	40	1	500	455.0	100.0
4	39	1	500	455.0	100.0
5	38	1	500	455.0	100.0
6	37	1	500	455.0	100.0
7	36	1	500	455.0	100.0
8	35	1	500	455.0	100.0
9	34	1	500	455.0	100.0
10	33	1	500	455.0	100.0
11	32	1	500	455.0	100.0
12	31	1	500	455.0	100.0
13	30	1	500	455.0	100.0
14	29	1	500	455.0	100.0
15	28	1	500	455.0	100.0
16	27	1	500	455.0	100.0
17	26	1	500	455.0	100.0
18	25	1	500	455.0	100.0

18 DRAINS

ET SURFACE = 480.000

EVAPOTRANSPIRATION RATE = 0.00000

EXTINCTION DEPTH = 0.00000

RECHARGE

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

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

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CELL CONVERSIONS FOR ITER.= 1 LAYER= 1 STEP= 1 PERIOD= 1 (ROW,COL)
DRY( 1, 1) DRY( 1, 2) DRY( 1, 3) DRY( 1, 4) DRY( 1, 5)
DRY( 1, 6) DRY( 1, 7) DRY( 1, 8) DRY( 1, 9) DRY( 1, 10)
DRY( 1, 11) DRY( 1, 12) DRY( 1, 13) DRY( 1, 14) DRY( 1, 15)
DRY( 1, 16) DRY( 1, 17) DRY( 1, 18) DRY( 1, 19) DRY( 1, 20)
DRY( 1, 21) DRY( 1, 22) DRY( 1, 23) DRY( 1, 24) DRY( 1, 25)
DRY( 1, 26) DRY( 1, 27) DRY( 1, 28) DRY( 1, 29) DRY( 1, 30)
DRY( 1, 31) DRY( 1, 32) DRY( 1, 33) DRY( 1, 34) DRY( 1, 35)
DRY( 1, 36) DRY( 1, 37) DRY( 1, 38) DRY( 1, 39) DRY( 1, 40)
DRY( 1, 41) DRY( 1, 42) DRY( 1, 43) DRY( 1, 44) DRY( 1, 45)
DRY( 1, 46) DRY( 1, 47) DRY( 1, 48) DRY( 1, 49) DRY( 1, 50)
DRY( 1, 51) DRY( 1, 52) DRY( 1, 53) DRY( 1, 54) DRY( 1, 55)
DRY( 1, 56) DRY( 1, 57) DRY( 1, 58) DRY( 1, 59) DRY( 1, 60)
DRY( 1, 61) DRY( 1, 62) DRY( 1, 63) DRY( 1, 64) DRY( 1, 65)
DRY( 1, 66) DRY( 1, 67) DRY( 1, 68) DRY( 1, 69) DRY( 1, 70)
DRY( 1, 71) DRY( 1, 72) DRY( 1, 73) DRY( 1, 74) DRY( 1, 75)

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SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1,401)	DRY(1,402)	DRY(1,403)	DRY(1,404)	DRY(1,405)
DRY(1,406)	DRY(1,407)	DRY(1,408)	DRY(1,409)	DRY(1,410)
DRY(1,411)	DRY(1,412)	DRY(1,413)	DRY(1,414)	DRY(1,415)
DRY(1,416)	DRY(1,417)	DRY(1,418)	DRY(1,419)	DRY(1,420)
DRY(1,421)	DRY(1,422)	DRY(1,423)	DRY(1,424)	DRY(1,425)
DRY(1,426)	DRY(1,427)	DRY(1,428)	DRY(1,429)	DRY(1,430)
DRY(1,431)	DRY(1,432)	DRY(1,433)	DRY(1,434)	DRY(1,435)
DRY(1,436)	DRY(1,437)	DRY(1,438)	DRY(1,439)	DRY(1,440)
DRY(1,441)	DRY(1,442)	DRY(1,443)	DRY(1,444)	DRY(1,445)
DRY(1,446)	DRY(1,447)	DRY(1,448)	DRY(1,449)	DRY(1,450)
DRY(1,451)	DRY(1,452)	DRY(1,453)	DRY(1,454)	DRY(1,455)
DRY(1,456)	DRY(1,457)	DRY(1,458)	DRY(1,459)	DRY(1,460)
DRY(1,461)	DRY(1,462)	DRY(1,463)	DRY(1,464)	DRY(1,465)
DRY(1,466)	DRY(1,467)	DRY(1,468)	DRY(1,469)	DRY(1,470)
DRY(1,471)	DRY(1,472)	DRY(1,473)	DRY(1,474)	DRY(1,475)
DRY(1,476)	DRY(1,477)	DRY(1,478)	DRY(1,479)	DRY(1,480)
DRY(1,481)	DRY(1,482)	DRY(1,483)	DRY(1,484)	DRY(1,485)
DRY(1,486)	DRY(1,487)	DRY(1,488)	DRY(1,489)	DRY(1,490)
DRY(1,491)	DRY(1,492)	DRY(1,493)	DRY(1,494)	DRY(1,495)
DRY(1,496)	DRY(1,497)	DRY(1,498)	DRY(1,499)	DRY(1,500)

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 2	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
DRY(1, 11)	DRY(1, 12)	DRY(1, 13)	DRY(1, 14)	DRY(1, 15)	
DRY(1, 16)	DRY(1, 17)	DRY(1, 18)	DRY(1, 19)	DRY(1, 20)	
DRY(1, 21)	DRY(1, 22)	DRY(1, 23)	DRY(1, 24)	DRY(1, 25)	
DRY(1, 26)	DRY(1, 27)	DRY(1, 28)	DRY(1, 29)	DRY(1, 30)	
DRY(1, 31)	DRY(1, 32)	DRY(1, 33)	DRY(1, 34)	DRY(1, 35)	
DRY(1, 36)	DRY(1, 37)	DRY(1, 38)	DRY(1, 39)	DRY(1, 40)	
DRY(1, 41)	DRY(1, 42)	DRY(1, 43)	DRY(1, 44)	DRY(1, 45)	
DRY(1, 46)	DRY(1, 47)	DRY(1, 48)	DRY(1, 49)	DRY(1, 50)	
DRY(1, 51)	DRY(1, 52)	DRY(1, 53)	DRY(1, 54)	DRY(1, 55)	
DRY(1, 56)	DRY(1, 57)	DRY(1, 58)	DRY(1, 59)	DRY(1, 60)	
DRY(1, 61)	DRY(1, 62)	DRY(1, 63)	DRY(1, 64)	DRY(1, 65)	
DRY(1, 66)	DRY(1, 67)	DRY(1, 68)	DRY(1, 69)	DRY(1, 70)	
DRY(1, 71)	DRY(1, 72)	DRY(1, 73)	DRY(1, 74)	DRY(1, 75)	
DRY(1, 76)	DRY(1, 77)	DRY(1, 78)	DRY(1, 79)	DRY(1, 80)	
DRY(1, 81)	DRY(1, 82)	DRY(1, 83)	DRY(1, 84)	DRY(1, 85)	
DRY(1, 86)	DRY(1, 87)	DRY(1, 88)	DRY(1, 89)	DRY(1, 90)	
DRY(1, 91)	DRY(1, 92)	DRY(1, 93)	DRY(1, 94)	DRY(1, 95)	
DRY(1, 96)	DRY(1, 97)	DRY(1, 98)	DRY(1, 99)	DRY(1,100)	
DRY(1,101)	DRY(1,102)	DRY(1,103)	DRY(1,104)	DRY(1,105)	
DRY(1,106)	DRY(1,107)	DRY(1,108)	DRY(1,109)	DRY(1,110)	
DRY(1,111)	DRY(1,112)	DRY(1,113)	DRY(1,114)	DRY(1,115)	
DRY(1,116)	DRY(1,117)	DRY(1,118)	DRY(1,119)	DRY(1,120)	
DRY(1,121)	DRY(1,122)	DRY(1,123)	DRY(1,124)	DRY(1,125)	
DRY(1,126)	DRY(1,127)	DRY(1,128)	DRY(1,129)	DRY(1,130)	
DRY(1,131)	DRY(1,132)	DRY(1,133)	DRY(1,134)	DRY(1,135)	
DRY(1,136)	DRY(1,137)	DRY(1,138)	DRY(1,139)	DRY(1,140)	
DRY(1,141)	DRY(1,142)	DRY(1,143)	DRY(1,144)	DRY(1,145)	
DRY(1,146)	DRY(1,147)	DRY(1,148)	DRY(1,149)	DRY(1,150)	
DRY(1,151)	DRY(1,152)	DRY(1,153)	DRY(1,154)	DRY(1,155)	
DRY(1,156)	DRY(1,157)	DRY(1,158)	DRY(1,159)	DRY(1,160)	
DRY(1,161)	DRY(1,162)	DRY(1,163)	DRY(1,164)	DRY(1,165)	
DRY(1,166)	DRY(1,167)	DRY(1,168)	DRY(1,169)	DRY(1,170)	
DRY(1,171)	DRY(1,172)	DRY(1,173)	DRY(1,174)	DRY(1,175)	
DRY(1,176)	DRY(1,177)	DRY(1,178)	DRY(1,179)	DRY(1,180)	
DRY(1,181)	DRY(1,182)	DRY(1,183)	DRY(1,184)	DRY(1,185)	
DRY(1,186)	DRY(1,187)	DRY(1,188)	DRY(1,189)	DRY(1,190)	
DRY(1,191)	DRY(1,192)	DRY(1,193)	DRY(1,194)	DRY(1,195)	
DRY(1,196)	DRY(1,197)	DRY(1,198)	DRY(1,199)	DRY(1,200)	
DRY(1,201)	DRY(1,202)	DRY(1,203)	DRY(1,204)	DRY(1,205)	
DRY(1,206)	DRY(1,207)	DRY(1,208)	DRY(1,209)	DRY(1,210)	
DRY(1,211)	DRY(1,212)	DRY(1,213)	DRY(1,214)	DRY(1,215)	

SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1, 356)	DRY(1, 357)	DRY(1, 358)	DRY(1, 359)	DRY(1, 360)
DRY(1, 361)	DRY(1, 362)	DRY(1, 363)	DRY(1, 364)	DRY(1, 365)
DRY(1, 366)	DRY(1, 367)	DRY(1, 368)	DRY(1, 369)	DRY(1, 370)
DRY(1, 371)	DRY(1, 372)	DRY(1, 373)	DRY(1, 374)	DRY(1, 375)
DRY(1, 376)	DRY(1, 377)	DRY(1, 378)	DRY(1, 379)	DRY(1, 380)
DRY(1, 381)	DRY(1, 382)	DRY(1, 383)	DRY(1, 384)	DRY(1, 385)
DRY(1, 386)	DRY(1, 387)	DRY(1, 388)	DRY(1, 389)	DRY(1, 390)
DRY(1, 391)	DRY(1, 392)	DRY(1, 393)	DRY(1, 394)	DRY(1, 395)
DRY(1, 396)	DRY(1, 397)	DRY(1, 398)	DRY(1, 399)	DRY(1, 400)
DRY(1, 401)	DRY(1, 402)	DRY(1, 403)	DRY(1, 404)	DRY(1, 405)
DRY(1, 406)	DRY(1, 407)	DRY(1, 408)	DRY(1, 409)	DRY(1, 410)
DRY(1, 411)	DRY(1, 412)	DRY(1, 413)	DRY(1, 414)	DRY(1, 415)
DRY(1, 416)	DRY(1, 417)	DRY(1, 418)	DRY(1, 419)	DRY(1, 420)
DRY(1, 421)	DRY(1, 422)	DRY(1, 423)	DRY(1, 424)	DRY(1, 425)
DRY(1, 426)	DRY(1, 427)	DRY(1, 428)	DRY(1, 429)	DRY(1, 430)
DRY(1, 431)	DRY(1, 432)	DRY(1, 433)	DRY(1, 434)	DRY(1, 435)
DRY(1, 436)	DRY(1, 437)	DRY(1, 438)	DRY(1, 439)	DRY(1, 440)
DRY(1, 441)	DRY(1, 442)	DRY(1, 443)	DRY(1, 444)	DRY(1, 445)
DRY(1, 446)	DRY(1, 447)	DRY(1, 448)	DRY(1, 449)	DRY(1, 450)
DRY(1, 451)	DRY(1, 452)	DRY(1, 453)	DRY(1, 454)	DRY(1, 455)
DRY(1, 456)	DRY(1, 457)	DRY(1, 458)	DRY(1, 459)	DRY(1, 460)
DRY(1, 461)	DRY(1, 462)	DRY(1, 463)	DRY(1, 464)	DRY(1, 465)
DRY(1, 466)	DRY(1, 467)	DRY(1, 468)	DRY(1, 469)	DRY(1, 470)
DRY(1, 471)	DRY(1, 472)	DRY(1, 473)	DRY(1, 474)	DRY(1, 475)
DRY(1, 476)	DRY(1, 477)	DRY(1, 478)	DRY(1, 479)	DRY(1, 480)
DRY(1, 481)	DRY(1, 482)	DRY(1, 483)	DRY(1, 484)	DRY(1, 485)
DRY(1, 486)	DRY(1, 487)	DRY(1, 488)	DRY(1, 489)	DRY(1, 490)
DRY(1, 491)	DRY(1, 492)	DRY(1, 493)	DRY(1, 494)	DRY(1, 495)
DRY(1, 496)	DRY(1, 497)	DRY(1, 498)	DRY(1, 499)	DRY(1, 500)

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 4	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
DRY(1, 11)	DRY(1, 12)	DRY(1, 13)	DRY(1, 14)	DRY(1, 15)	
DRY(1, 16)	DRY(1, 17)	DRY(1, 18)	DRY(1, 19)	DRY(1, 20)	
DRY(1, 21)	DRY(1, 22)	DRY(1, 23)	DRY(1, 24)	DRY(1, 25)	
DRY(1, 26)	DRY(1, 27)	DRY(1, 28)	DRY(1, 29)	DRY(1, 30)	
DRY(1, 31)	DRY(1, 32)	DRY(1, 33)	DRY(1, 34)	DRY(1, 35)	
DRY(1, 36)	DRY(1, 37)	DRY(1, 38)	DRY(1, 39)	DRY(1, 40)	
DRY(1, 41)	DRY(1, 42)	DRY(1, 43)	DRY(1, 44)	DRY(1, 45)	
DRY(1, 46)	DRY(1, 47)	DRY(1, 48)	DRY(1, 49)	DRY(1, 50)	
DRY(1, 51)	DRY(1, 52)	DRY(1, 53)	DRY(1, 54)	DRY(1, 55)	
DRY(1, 56)	DRY(1, 57)	DRY(1, 58)	DRY(1, 59)	DRY(1, 60)	
DRY(1, 61)	DRY(1, 62)	DRY(1, 63)	DRY(1, 64)	DRY(1, 65)	
DRY(1, 66)	DRY(1, 67)	DRY(1, 68)	DRY(1, 69)	DRY(1, 70)	
DRY(1, 71)	DRY(1, 72)	DRY(1, 73)	DRY(1, 74)	DRY(1, 75)	
DRY(1, 76)	DRY(1, 77)	DRY(1, 78)	DRY(1, 79)	DRY(1, 80)	
DRY(1, 81)	DRY(1, 82)	DRY(1, 83)	DRY(1, 84)	DRY(1, 85)	
DRY(1, 86)	DRY(1, 87)	DRY(1, 88)	DRY(1, 89)	DRY(1, 90)	
DRY(1, 91)	DRY(1, 92)	DRY(1, 93)	DRY(1, 94)	DRY(1, 95)	
DRY(1, 96)	DRY(1, 97)	DRY(1, 98)	DRY(1, 99)	DRY(1, 100)	
DRY(1, 101)	DRY(1, 102)	DRY(1, 103)	DRY(1, 104)	DRY(1, 105)	
DRY(1, 106)	DRY(1, 107)	DRY(1, 108)	DRY(1, 109)	DRY(1, 110)	
DRY(1, 111)	DRY(1, 112)	DRY(1, 113)	DRY(1, 114)	DRY(1, 115)	
DRY(1, 116)	DRY(1, 117)	DRY(1, 118)	DRY(1, 119)	DRY(1, 120)	
DRY(1, 121)	DRY(1, 122)	DRY(1, 123)	DRY(1, 124)	DRY(1, 125)	
DRY(1, 126)	DRY(1, 127)	DRY(1, 128)	DRY(1, 129)	DRY(1, 130)	
DRY(1, 131)	DRY(1, 132)	DRY(1, 133)	DRY(1, 134)	DRY(1, 135)	
DRY(1, 136)	DRY(1, 137)	DRY(1, 138)	DRY(1, 139)	DRY(1, 140)	
DRY(1, 141)	DRY(1, 142)	DRY(1, 143)	DRY(1, 144)	DRY(1, 145)	
DRY(1, 146)	DRY(1, 147)	DRY(1, 148)	DRY(1, 149)	DRY(1, 150)	
DRY(1, 151)	DRY(1, 152)	DRY(1, 153)	DRY(1, 154)	DRY(1, 155)	
DRY(1, 156)	DRY(1, 157)	DRY(1, 158)	DRY(1, 159)	DRY(1, 160)	
DRY(1, 161)	DRY(1, 162)	DRY(1, 163)	DRY(1, 164)	DRY(1, 165)	
DRY(1, 166)	DRY(1, 167)	DRY(1, 168)	DRY(1, 169)	DRY(1, 170)	

SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1,496) DRY(1,497) DRY(1,498) DRY(1,499) DRY(1,500)

CELL CONVERSIONS FOR ITER.= 1 LAYER= 5 STEP= 1 PERIOD= 1 (ROW,COL)

DRY(1, 1) DRY(1, 2) DRY(1, 3) DRY(1, 4) DRY(1, 5)

DRY(1, 6) DRY(1, 7) DRY(1, 8) DRY(1, 9) DRY(1, 10)

DRY(1, 11) DRY(1, 12) DRY(1, 13) DRY(1, 14) DRY(1, 15)

DRY(1, 16) DRY(1, 17) DRY(1, 18) DRY(1, 19) DRY(1, 20)

DRY(1, 21) DRY(1, 22) DRY(1, 23) DRY(1, 24) DRY(1, 25)

DRY(1, 26) DRY(1, 27) DRY(1, 28) DRY(1, 29) DRY(1, 30)

DRY(1, 31) DRY(1, 32) DRY(1, 33) DRY(1, 34) DRY(1, 35)

DRY(1, 36) DRY(1, 37) DRY(1, 38) DRY(1, 39) DRY(1, 40)

DRY(1, 41) DRY(1, 42) DRY(1, 43) DRY(1, 44) DRY(1, 45)

DRY(1, 46) DRY(1, 47) DRY(1, 48) DRY(1, 49) DRY(1, 50)

DRY(1, 51) DRY(1, 52) DRY(1, 53) DRY(1, 54) DRY(1, 55)

DRY(1, 56) DRY(1, 57) DRY(1, 58) DRY(1, 59) DRY(1, 60)

DRY(1, 61) DRY(1, 62) DRY(1, 63) DRY(1, 64) DRY(1, 65)

DRY(1, 66) DRY(1, 67) DRY(1, 68) DRY(1, 69) DRY(1, 70)

DRY(1, 71) DRY(1, 72) DRY(1, 73) DRY(1, 74) DRY(1, 75)

DRY(1, 76) DRY(1, 77) DRY(1, 78) DRY(1, 79) DRY(1, 80)

DRY(1, 81) DRY(1, 82) DRY(1, 83) DRY(1, 84) DRY(1, 85)

DRY(1, 86) DRY(1, 87) DRY(1, 88) DRY(1, 89) DRY(1, 90)

DRY(1, 91) DRY(1, 92) DRY(1, 93) DRY(1, 94) DRY(1, 95)

DRY(1, 96) DRY(1, 97) DRY(1, 98) DRY(1, 99) DRY(1,100)

DRY(1,101) DRY(1,102) DRY(1,103) DRY(1,104) DRY(1,105)

DRY(1,106) DRY(1,107) DRY(1,108) DRY(1,109) DRY(1,110)

DRY(1,111) DRY(1,112) DRY(1,113) DRY(1,114) DRY(1,115)

DRY(1,116) DRY(1,117) DRY(1,118) DRY(1,119) DRY(1,120)

DRY(1,121) DRY(1,122) DRY(1,123) DRY(1,124) DRY(1,125)

DRY(1,126) DRY(1,127) DRY(1,128) DRY(1,129) DRY(1,130)

DRY(1,131) DRY(1,132) DRY(1,133) DRY(1,134) DRY(1,135)

DRY(1,136) DRY(1,137) DRY(1,138) DRY(1,139) DRY(1,140)

DRY(1,141) DRY(1,142) DRY(1,143) DRY(1,144) DRY(1,145)

DRY(1,146) DRY(1,147) DRY(1,148) DRY(1,149) DRY(1,150)

DRY(1,151) DRY(1,152) DRY(1,153) DRY(1,154) DRY(1,155)

DRY(1,156) DRY(1,157) DRY(1,158) DRY(1,159) DRY(1,160)

DRY(1,161) DRY(1,162) DRY(1,163) DRY(1,164) DRY(1,165)

DRY(1,166) DRY(1,167) DRY(1,168) DRY(1,169) DRY(1,170)

DRY(1,171) DRY(1,172) DRY(1,173) DRY(1,174) DRY(1,175)

DRY(1,176) DRY(1,177) DRY(1,178) DRY(1,179) DRY(1,180)

DRY(1,181) DRY(1,182) DRY(1,183) DRY(1,184) DRY(1,185)

DRY(1,186) DRY(1,187) DRY(1,188) DRY(1,189) DRY(1,190)

DRY(1,191) DRY(1,192) DRY(1,193) DRY(1,194) DRY(1,195)

DRY(1,196) DRY(1,197) DRY(1,198) DRY(1,199) DRY(1,200)

DRY(1,201) DRY(1,202) DRY(1,203) DRY(1,204) DRY(1,205)

DRY(1,206) DRY(1,207) DRY(1,208) DRY(1,209) DRY(1,210)

DRY(1,211) DRY(1,212) DRY(1,213) DRY(1,214) DRY(1,215)

DRY(1,216) DRY(1,217) DRY(1,218) DRY(1,219) DRY(1,220)

DRY(1,221) DRY(1,222) DRY(1,223) DRY(1,224) DRY(1,225)

DRY(1,226) DRY(1,227) DRY(1,228) DRY(1,229) DRY(1,230)

DRY(1,231) DRY(1,232) DRY(1,233) DRY(1,234) DRY(1,235)

DRY(1,236) DRY(1,237) DRY(1,238) DRY(1,239) DRY(1,240)

DRY(1,241) DRY(1,242) DRY(1,243) DRY(1,244) DRY(1,245)

DRY(1,246) DRY(1,247) DRY(1,248) DRY(1,249) DRY(1,250)

DRY(1,251) DRY(1,252) DRY(1,253) DRY(1,254) DRY(1,255)

DRY(1,256) DRY(1,257) DRY(1,258) DRY(1,259) DRY(1,260)

DRY(1,261) DRY(1,262) DRY(1,263) DRY(1,264) DRY(1,265)

DRY(1,266) DRY(1,267) DRY(1,268) DRY(1,269) DRY(1,270)

DRY(1,271) DRY(1,272) DRY(1,273) DRY(1,274) DRY(1,275)

DRY(1,276) DRY(1,277) DRY(1,278) DRY(1,279) DRY(1,280)

DRY(1,281) DRY(1,282) DRY(1,283) DRY(1,284) DRY(1,285)

DRY(1,286) DRY(1,287) DRY(1,288) DRY(1,289) DRY(1,290)

DRY(1,291) DRY(1,292) DRY(1,293) DRY(1,294) DRY(1,295)

DRY(1,296) DRY(1,297) DRY(1,298) DRY(1,299) DRY(1,300)

DRY(1,301) DRY(1,302) DRY(1,303) DRY(1,304) DRY(1,305)

DRY(1,306) DRY(1,307) DRY(1,308) DRY(1,309) DRY(1,310)

SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1, 311)	DRY(1, 312)	DRY(1, 313)	DRY(1, 314)	DRY(1, 315)
DRY(1, 316)	DRY(1, 317)	DRY(1, 318)	DRY(1, 319)	DRY(1, 320)
DRY(1, 321)	DRY(1, 322)	DRY(1, 323)	DRY(1, 324)	DRY(1, 325)
DRY(1, 326)	DRY(1, 327)	DRY(1, 328)	DRY(1, 329)	DRY(1, 330)
DRY(1, 331)	DRY(1, 332)	DRY(1, 333)	DRY(1, 334)	DRY(1, 335)
DRY(1, 336)	DRY(1, 337)	DRY(1, 338)	DRY(1, 339)	DRY(1, 340)
DRY(1, 341)	DRY(1, 342)	DRY(1, 343)	DRY(1, 344)	DRY(1, 345)
DRY(1, 346)	DRY(1, 347)	DRY(1, 348)	DRY(1, 349)	DRY(1, 350)
DRY(1, 351)	DRY(1, 352)	DRY(1, 353)	DRY(1, 354)	DRY(1, 355)
DRY(1, 356)	DRY(1, 357)	DRY(1, 358)	DRY(1, 359)	DRY(1, 360)
DRY(1, 361)	DRY(1, 362)	DRY(1, 363)	DRY(1, 364)	DRY(1, 365)
DRY(1, 366)	DRY(1, 367)	DRY(1, 368)	DRY(1, 369)	DRY(1, 370)
DRY(1, 371)	DRY(1, 372)	DRY(1, 373)	DRY(1, 374)	DRY(1, 375)
DRY(1, 376)	DRY(1, 377)	DRY(1, 378)	DRY(1, 379)	DRY(1, 380)
DRY(1, 381)	DRY(1, 382)	DRY(1, 383)	DRY(1, 384)	DRY(1, 385)
DRY(1, 386)	DRY(1, 387)	DRY(1, 388)	DRY(1, 389)	DRY(1, 390)
DRY(1, 391)	DRY(1, 392)	DRY(1, 393)	DRY(1, 394)	DRY(1, 395)
DRY(1, 396)	DRY(1, 397)	DRY(1, 398)	DRY(1, 399)	DRY(1, 400)
DRY(1, 401)	DRY(1, 402)	DRY(1, 403)	DRY(1, 404)	DRY(1, 405)
DRY(1, 406)	DRY(1, 407)	DRY(1, 408)	DRY(1, 409)	DRY(1, 410)
DRY(1, 411)	DRY(1, 412)	DRY(1, 413)	DRY(1, 414)	DRY(1, 415)
DRY(1, 416)	DRY(1, 417)	DRY(1, 418)	DRY(1, 419)	DRY(1, 420)
DRY(1, 421)	DRY(1, 422)	DRY(1, 423)	DRY(1, 424)	DRY(1, 425)
DRY(1, 426)	DRY(1, 427)	DRY(1, 428)	DRY(1, 429)	DRY(1, 430)
DRY(1, 431)	DRY(1, 432)	DRY(1, 433)	DRY(1, 434)	DRY(1, 435)
DRY(1, 436)	DRY(1, 437)	DRY(1, 438)	DRY(1, 439)	DRY(1, 440)
DRY(1, 441)	DRY(1, 442)	DRY(1, 443)	DRY(1, 444)	DRY(1, 445)
DRY(1, 446)	DRY(1, 447)	DRY(1, 448)	DRY(1, 449)	DRY(1, 450)
DRY(1, 451)	DRY(1, 452)	DRY(1, 453)	DRY(1, 454)	DRY(1, 455)
DRY(1, 456)	DRY(1, 457)	DRY(1, 458)	DRY(1, 459)	DRY(1, 460)
DRY(1, 461)	DRY(1, 462)	DRY(1, 463)	DRY(1, 464)	DRY(1, 465)
DRY(1, 466)	DRY(1, 467)	DRY(1, 468)	DRY(1, 469)	DRY(1, 470)
DRY(1, 471)	DRY(1, 472)	DRY(1, 473)	DRY(1, 474)	DRY(1, 475)
DRY(1, 476)	DRY(1, 477)	DRY(1, 478)	DRY(1, 479)	DRY(1, 480)
DRY(1, 481)	DRY(1, 482)	DRY(1, 483)	DRY(1, 484)	DRY(1, 485)
DRY(1, 486)	DRY(1, 487)	DRY(1, 488)	DRY(1, 489)	DRY(1, 490)
DRY(1, 491)	DRY(1, 492)	DRY(1, 493)	DRY(1, 494)	DRY(1, 495)
DRY(1, 496)	DRY(1, 497)	DRY(1, 498)	DRY(1, 499)	DRY(1, 500)

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 6	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
DRY(1, 11)	DRY(1, 12)	DRY(1, 13)	DRY(1, 14)	DRY(1, 15)	
DRY(1, 16)	DRY(1, 17)	DRY(1, 18)	DRY(1, 19)	DRY(1, 20)	
DRY(1, 21)	DRY(1, 22)	DRY(1, 23)	DRY(1, 24)	DRY(1, 25)	
DRY(1, 26)	DRY(1, 27)	DRY(1, 28)	DRY(1, 29)	DRY(1, 30)	
DRY(1, 31)	DRY(1, 32)	DRY(1, 33)	DRY(1, 34)	DRY(1, 35)	
DRY(1, 36)	DRY(1, 37)	DRY(1, 38)	DRY(1, 39)	DRY(1, 40)	
DRY(1, 41)	DRY(1, 42)	DRY(1, 43)	DRY(1, 44)	DRY(1, 45)	
DRY(1, 46)	DRY(1, 47)	DRY(1, 48)	DRY(1, 49)	DRY(1, 50)	
DRY(1, 51)	DRY(1, 52)	DRY(1, 53)	DRY(1, 54)	DRY(1, 55)	
DRY(1, 56)	DRY(1, 57)	DRY(1, 58)	DRY(1, 59)	DRY(1, 60)	
DRY(1, 61)	DRY(1, 62)	DRY(1, 63)	DRY(1, 64)	DRY(1, 65)	
DRY(1, 66)	DRY(1, 67)	DRY(1, 68)	DRY(1, 69)	DRY(1, 70)	
DRY(1, 71)	DRY(1, 72)	DRY(1, 73)	DRY(1, 74)	DRY(1, 75)	
DRY(1, 76)	DRY(1, 77)	DRY(1, 78)	DRY(1, 79)	DRY(1, 80)	
DRY(1, 81)	DRY(1, 82)	DRY(1, 83)	DRY(1, 84)	DRY(1, 85)	
DRY(1, 86)	DRY(1, 87)	DRY(1, 88)	DRY(1, 89)	DRY(1, 90)	
DRY(1, 91)	DRY(1, 92)	DRY(1, 93)	DRY(1, 94)	DRY(1, 95)	
DRY(1, 96)	DRY(1, 97)	DRY(1, 98)	DRY(1, 99)	DRY(1, 100)	
DRY(1, 101)	DRY(1, 102)	DRY(1, 103)	DRY(1, 104)	DRY(1, 105)	
DRY(1, 106)	DRY(1, 107)	DRY(1, 108)	DRY(1, 109)	DRY(1, 110)	
DRY(1, 111)	DRY(1, 112)	DRY(1, 113)	DRY(1, 114)	DRY(1, 115)	
DRY(1, 116)	DRY(1, 117)	DRY(1, 118)	DRY(1, 119)	DRY(1, 120)	
DRY(1, 121)	DRY(1, 122)	DRY(1, 123)	DRY(1, 124)	DRY(1, 125)	

SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1,451)	DRY(1,452)	DRY(1,453)	DRY(1,454)	DRY(1,455)
DRY(1,456)	DRY(1,457)	DRY(1,458)	DRY(1,459)	DRY(1,460)
DRY(1,461)	DRY(1,462)	DRY(1,463)	DRY(1,464)	DRY(1,465)
DRY(1,466)	DRY(1,467)	DRY(1,468)	DRY(1,469)	DRY(1,470)
DRY(1,471)	DRY(1,472)	DRY(1,473)	DRY(1,474)	DRY(1,475)
DRY(1,476)	DRY(1,477)	DRY(1,478)	DRY(1,479)	DRY(1,480)
DRY(1,481)	DRY(1,482)	DRY(1,483)	DRY(1,484)	DRY(1,485)
DRY(1,486)	DRY(1,487)	DRY(1,488)	DRY(1,489)	DRY(1,490)
DRY(1,491)	DRY(1,492)	DRY(1,493)	DRY(1,494)	DRY(1,495)
DRY(1,496)	DRY(1,497)	DRY(1,498)	DRY(1,499)	DRY(1,500)

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 7	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
DRY(1, 11)	DRY(1, 12)	DRY(1, 13)	DRY(1, 14)	DRY(1, 15)	
DRY(1, 16)	DRY(1, 17)	DRY(1, 18)	DRY(1, 19)	DRY(1, 20)	
DRY(1, 21)	DRY(1, 22)	DRY(1, 23)	DRY(1, 24)	DRY(1, 25)	
DRY(1, 26)	DRY(1, 27)	DRY(1, 28)	DRY(1, 29)	DRY(1, 30)	
DRY(1, 31)	DRY(1, 32)	DRY(1, 33)	DRY(1, 34)	DRY(1, 35)	
DRY(1, 36)	DRY(1, 37)	DRY(1, 38)	DRY(1, 39)	DRY(1, 40)	
DRY(1, 41)	DRY(1, 42)	DRY(1, 43)	DRY(1, 44)	DRY(1, 45)	
DRY(1, 46)	DRY(1, 47)	DRY(1, 48)	DRY(1, 49)	DRY(1, 50)	
DRY(1, 51)	DRY(1, 52)	DRY(1, 53)	DRY(1, 54)	DRY(1, 55)	
DRY(1, 56)	DRY(1, 57)	DRY(1, 58)	DRY(1, 59)	DRY(1, 60)	
DRY(1, 61)	DRY(1, 62)	DRY(1, 63)	DRY(1, 64)	DRY(1, 65)	
DRY(1, 66)	DRY(1, 67)	DRY(1, 68)	DRY(1, 69)	DRY(1, 70)	
DRY(1, 71)	DRY(1, 72)	DRY(1, 73)	DRY(1, 74)	DRY(1, 75)	
DRY(1, 76)	DRY(1, 77)	DRY(1, 78)	DRY(1, 79)	DRY(1, 80)	
DRY(1, 81)	DRY(1, 82)	DRY(1, 83)	DRY(1, 84)	DRY(1, 85)	
DRY(1, 86)	DRY(1, 87)	DRY(1, 88)	DRY(1, 89)	DRY(1, 90)	
DRY(1, 91)	DRY(1, 92)	DRY(1, 93)	DRY(1, 94)	DRY(1, 95)	
DRY(1, 96)	DRY(1, 97)	DRY(1, 98)	DRY(1, 99)	DRY(1,100)	
DRY(1,101)	DRY(1,102)	DRY(1,103)	DRY(1,104)	DRY(1,105)	
DRY(1,106)	DRY(1,107)	DRY(1,108)	DRY(1,109)	DRY(1,110)	
DRY(1,111)	DRY(1,112)	DRY(1,113)	DRY(1,114)	DRY(1,115)	
DRY(1,116)	DRY(1,117)	DRY(1,118)	DRY(1,119)	DRY(1,120)	
DRY(1,121)	DRY(1,122)	DRY(1,123)	DRY(1,124)	DRY(1,125)	
DRY(1,126)	DRY(1,127)	DRY(1,128)	DRY(1,129)	DRY(1,130)	
DRY(1,131)	DRY(1,132)	DRY(1,133)	DRY(1,134)	DRY(1,135)	
DRY(1,136)	DRY(1,137)	DRY(1,138)	DRY(1,139)	DRY(1,140)	
DRY(1,141)	DRY(1,142)	DRY(1,143)	DRY(1,144)	DRY(1,145)	
DRY(1,146)	DRY(1,147)	DRY(1,148)	DRY(1,149)	DRY(1,150)	
DRY(1,151)	DRY(1,152)	DRY(1,153)	DRY(1,154)	DRY(1,155)	
DRY(1,156)	DRY(1,157)	DRY(1,158)	DRY(1,159)	DRY(1,160)	
DRY(1,161)	DRY(1,162)	DRY(1,163)	DRY(1,164)	DRY(1,165)	
DRY(1,166)	DRY(1,167)	DRY(1,168)	DRY(1,169)	DRY(1,170)	
DRY(1,171)	DRY(1,172)	DRY(1,173)	DRY(1,174)	DRY(1,175)	
DRY(1,176)	DRY(1,177)	DRY(1,178)	DRY(1,179)	DRY(1,180)	
DRY(1,181)	DRY(1,182)	DRY(1,183)	DRY(1,184)	DRY(1,185)	
DRY(1,186)	DRY(1,187)	DRY(1,188)	DRY(1,189)	DRY(1,190)	
DRY(1,191)	DRY(1,192)	DRY(1,193)	DRY(1,194)	DRY(1,195)	
DRY(1,196)	DRY(1,197)	DRY(1,198)	DRY(1,199)	DRY(1,200)	
DRY(1,201)	DRY(1,202)	DRY(1,203)	DRY(1,204)	DRY(1,205)	
DRY(1,206)	DRY(1,207)	DRY(1,208)	DRY(1,209)	DRY(1,210)	
DRY(1,211)	DRY(1,212)	DRY(1,213)	DRY(1,214)	DRY(1,215)	
DRY(1,216)	DRY(1,217)	DRY(1,218)	DRY(1,219)	DRY(1,220)	
DRY(1,221)	DRY(1,222)	DRY(1,223)	DRY(1,224)	DRY(1,225)	
DRY(1,226)	DRY(1,227)	DRY(1,228)	DRY(1,229)	DRY(1,230)	
DRY(1,231)	DRY(1,232)	DRY(1,233)	DRY(1,234)	DRY(1,235)	
DRY(1,236)	DRY(1,237)	DRY(1,238)	DRY(1,239)	DRY(1,240)	
DRY(1,241)	DRY(1,242)	DRY(1,243)	DRY(1,244)	DRY(1,245)	
DRY(1,246)	DRY(1,247)	DRY(1,248)	DRY(1,249)	DRY(1,250)	
DRY(1,251)	DRY(1,252)	DRY(1,253)	DRY(1,254)	DRY(1,255)	
DRY(1,256)	DRY(1,257)	DRY(1,258)	DRY(1,259)	DRY(1,260)	
DRY(1,261)	DRY(1,262)	DRY(1,263)	DRY(1,264)	DRY(1,265)	

SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1,266)	DRY(1,267)	DRY(1,268)	DRY(1,269)	DRY(1,270)
DRY(1,271)	DRY(1,272)	DRY(1,273)	DRY(1,274)	DRY(1,275)
DRY(1,276)	DRY(1,277)	DRY(1,278)	DRY(1,279)	DRY(1,280)
DRY(1,281)	DRY(1,282)	DRY(1,283)	DRY(1,284)	DRY(1,285)
DRY(1,286)	DRY(1,287)	DRY(1,288)	DRY(1,289)	DRY(1,290)
DRY(1,291)	DRY(1,292)	DRY(1,293)	DRY(1,294)	DRY(1,295)
DRY(1,296)	DRY(1,297)	DRY(1,298)	DRY(1,299)	DRY(1,300)
DRY(1,301)	DRY(1,302)	DRY(1,303)	DRY(1,304)	DRY(1,305)
DRY(1,306)	DRY(1,307)	DRY(1,308)	DRY(1,309)	DRY(1,310)
DRY(1,311)	DRY(1,312)	DRY(1,313)	DRY(1,314)	DRY(1,315)
DRY(1,316)	DRY(1,317)	DRY(1,318)	DRY(1,319)	DRY(1,320)
DRY(1,321)	DRY(1,322)	DRY(1,323)	DRY(1,324)	DRY(1,325)
DRY(1,326)	DRY(1,327)	DRY(1,328)	DRY(1,329)	DRY(1,330)
DRY(1,331)	DRY(1,332)	DRY(1,333)	DRY(1,334)	DRY(1,335)
DRY(1,336)	DRY(1,337)	DRY(1,338)	DRY(1,339)	DRY(1,340)
DRY(1,341)	DRY(1,342)	DRY(1,343)	DRY(1,344)	DRY(1,345)
DRY(1,346)	DRY(1,347)	DRY(1,348)	DRY(1,349)	DRY(1,350)
DRY(1,351)	DRY(1,352)	DRY(1,353)	DRY(1,354)	DRY(1,355)
DRY(1,356)	DRY(1,357)	DRY(1,358)	DRY(1,359)	DRY(1,360)
DRY(1,361)	DRY(1,362)	DRY(1,363)	DRY(1,364)	DRY(1,365)
DRY(1,366)	DRY(1,367)	DRY(1,368)	DRY(1,369)	DRY(1,370)
DRY(1,371)	DRY(1,372)	DRY(1,373)	DRY(1,374)	DRY(1,375)
DRY(1,376)	DRY(1,377)	DRY(1,378)	DRY(1,379)	DRY(1,380)
DRY(1,381)	DRY(1,382)	DRY(1,383)	DRY(1,384)	DRY(1,385)
DRY(1,386)	DRY(1,387)	DRY(1,388)	DRY(1,389)	DRY(1,390)
DRY(1,391)	DRY(1,392)	DRY(1,393)	DRY(1,394)	DRY(1,395)
DRY(1,396)	DRY(1,397)	DRY(1,398)	DRY(1,399)	DRY(1,400)
DRY(1,401)	DRY(1,402)	DRY(1,403)	DRY(1,404)	DRY(1,405)
DRY(1,406)	DRY(1,407)	DRY(1,408)	DRY(1,409)	DRY(1,410)
DRY(1,411)	DRY(1,412)	DRY(1,413)	DRY(1,414)	DRY(1,415)
DRY(1,416)	DRY(1,417)	DRY(1,418)	DRY(1,419)	DRY(1,420)
DRY(1,421)	DRY(1,422)	DRY(1,423)	DRY(1,424)	DRY(1,425)
DRY(1,426)	DRY(1,427)	DRY(1,428)	DRY(1,429)	DRY(1,430)
DRY(1,431)	DRY(1,432)	DRY(1,433)	DRY(1,434)	DRY(1,435)
DRY(1,436)	DRY(1,437)	DRY(1,438)	DRY(1,439)	DRY(1,440)
DRY(1,441)	DRY(1,442)	DRY(1,443)	DRY(1,444)	DRY(1,445)
DRY(1,446)	DRY(1,447)	DRY(1,448)	DRY(1,449)	DRY(1,450)
DRY(1,451)	DRY(1,452)	DRY(1,453)	DRY(1,454)	DRY(1,455)
DRY(1,456)	DRY(1,457)	DRY(1,458)	DRY(1,459)	DRY(1,460)
DRY(1,461)	DRY(1,462)	DRY(1,463)	DRY(1,464)	DRY(1,465)
DRY(1,466)	DRY(1,467)	DRY(1,468)	DRY(1,469)	DRY(1,470)
DRY(1,471)	DRY(1,472)	DRY(1,473)	DRY(1,474)	DRY(1,475)
DRY(1,476)	DRY(1,477)	DRY(1,478)	DRY(1,479)	DRY(1,480)
DRY(1,481)	DRY(1,482)	DRY(1,483)	DRY(1,484)	DRY(1,485)
DRY(1,486)	DRY(1,487)	DRY(1,488)	DRY(1,489)	DRY(1,490)
DRY(1,491)	DRY(1,492)	DRY(1,493)	DRY(1,494)	DRY(1,495)
DRY(1,496)	DRY(1,497)	DRY(1,498)	DRY(1,499)	DRY(1,500)

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 8	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
DRY(1, 11)	DRY(1, 12)	DRY(1, 13)	DRY(1, 14)	DRY(1, 15)	
DRY(1, 16)	DRY(1, 17)	DRY(1, 18)	DRY(1, 19)	DRY(1, 20)	
DRY(1, 21)	DRY(1, 22)	DRY(1, 23)	DRY(1, 24)	DRY(1, 25)	
DRY(1, 26)	DRY(1, 27)	DRY(1, 28)	DRY(1, 29)	DRY(1, 30)	
DRY(1, 31)	DRY(1, 32)	DRY(1, 33)	DRY(1, 34)	DRY(1, 35)	
DRY(1, 36)	DRY(1, 37)	DRY(1, 38)	DRY(1, 39)	DRY(1, 40)	
DRY(1, 41)	DRY(1, 42)	DRY(1, 43)	DRY(1, 44)	DRY(1, 45)	
DRY(1, 46)	DRY(1, 47)	DRY(1, 48)	DRY(1, 49)	DRY(1, 50)	
DRY(1, 51)	DRY(1, 52)	DRY(1, 53)	DRY(1, 54)	DRY(1, 55)	
DRY(1, 56)	DRY(1, 57)	DRY(1, 58)	DRY(1, 59)	DRY(1, 60)	
DRY(1, 61)	DRY(1, 62)	DRY(1, 63)	DRY(1, 64)	DRY(1, 65)	
DRY(1, 66)	DRY(1, 67)	DRY(1, 68)	DRY(1, 69)	DRY(1, 70)	
DRY(1, 71)	DRY(1, 72)	DRY(1, 73)	DRY(1, 74)	DRY(1, 75)	
DRY(1, 76)	DRY(1, 77)	DRY(1, 78)	DRY(1, 79)	DRY(1, 80)	

SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1,406)	DRY(1,407)	DRY(1,408)	DRY(1,409)	DRY(1,410)
DRY(1,411)	DRY(1,412)	DRY(1,413)	DRY(1,414)	DRY(1,415)
DRY(1,416)	DRY(1,417)	DRY(1,418)	DRY(1,419)	DRY(1,420)
DRY(1,421)	DRY(1,422)	DRY(1,423)	DRY(1,424)	DRY(1,425)
DRY(1,426)	DRY(1,427)	DRY(1,428)	DRY(1,429)	DRY(1,430)
DRY(1,431)	DRY(1,432)	DRY(1,433)	DRY(1,434)	DRY(1,435)
DRY(1,436)	DRY(1,437)	DRY(1,438)	DRY(1,439)	DRY(1,440)
DRY(1,441)	DRY(1,442)	DRY(1,443)	DRY(1,444)	DRY(1,445)
DRY(1,446)	DRY(1,447)	DRY(1,448)	DRY(1,449)	DRY(1,450)
DRY(1,451)	DRY(1,452)	DRY(1,453)	DRY(1,454)	DRY(1,455)
DRY(1,456)	DRY(1,457)	DRY(1,458)	DRY(1,459)	DRY(1,460)
DRY(1,461)	DRY(1,462)	DRY(1,463)	DRY(1,464)	DRY(1,465)
DRY(1,466)	DRY(1,467)	DRY(1,468)	DRY(1,469)	DRY(1,470)
DRY(1,471)	DRY(1,472)	DRY(1,473)	DRY(1,474)	DRY(1,475)
DRY(1,476)	DRY(1,477)	DRY(1,478)	DRY(1,479)	DRY(1,480)
DRY(1,481)	DRY(1,482)	DRY(1,483)	DRY(1,484)	DRY(1,485)
DRY(1,486)	DRY(1,487)	DRY(1,488)	DRY(1,489)	DRY(1,490)
DRY(1,491)	DRY(1,492)	DRY(1,493)	DRY(1,494)	DRY(1,495)
DRY(1,496)	DRY(1,497)	DRY(1,498)	DRY(1,499)	DRY(1,500)

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 9	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
DRY(1, 11)	DRY(1, 12)	DRY(1, 13)	DRY(1, 14)	DRY(1, 15)	
DRY(1, 16)	DRY(1, 17)	DRY(1, 18)	DRY(1, 19)	DRY(1, 20)	
DRY(1, 21)	DRY(1, 22)	DRY(1, 23)	DRY(1, 24)	DRY(1, 25)	
DRY(1, 26)	DRY(1, 27)	DRY(1, 28)	DRY(1, 29)	DRY(1, 30)	
DRY(1, 31)	DRY(1, 32)	DRY(1, 33)	DRY(1, 34)	DRY(1, 35)	
DRY(1, 36)	DRY(1, 37)	DRY(1, 38)	DRY(1, 39)	DRY(1, 40)	
DRY(1, 41)	DRY(1, 42)	DRY(1, 43)	DRY(1, 44)	DRY(1, 45)	
DRY(1, 46)	DRY(1, 47)	DRY(1, 48)	DRY(1, 49)	DRY(1, 50)	
DRY(1, 51)	DRY(1, 52)	DRY(1, 53)	DRY(1, 54)	DRY(1, 55)	
DRY(1, 56)	DRY(1, 57)	DRY(1, 58)	DRY(1, 59)	DRY(1, 60)	
DRY(1, 61)	DRY(1, 62)	DRY(1, 63)	DRY(1, 64)	DRY(1, 65)	
DRY(1, 66)	DRY(1, 67)	DRY(1, 68)	DRY(1, 69)	DRY(1, 70)	
DRY(1, 71)	DRY(1, 72)	DRY(1, 73)	DRY(1, 74)	DRY(1, 75)	
DRY(1, 76)	DRY(1, 77)	DRY(1, 78)	DRY(1, 79)	DRY(1, 80)	
DRY(1, 81)	DRY(1, 82)	DRY(1, 83)	DRY(1, 84)	DRY(1, 85)	
DRY(1, 86)	DRY(1, 87)	DRY(1, 88)	DRY(1, 89)	DRY(1, 90)	
DRY(1, 91)	DRY(1, 92)	DRY(1, 93)	DRY(1, 94)	DRY(1, 95)	
DRY(1, 96)	DRY(1, 97)	DRY(1, 98)	DRY(1, 99)	DRY(1,100)	
DRY(1,101)	DRY(1,102)	DRY(1,103)	DRY(1,104)	DRY(1,105)	
DRY(1,106)	DRY(1,107)	DRY(1,108)	DRY(1,109)	DRY(1,110)	
DRY(1,111)	DRY(1,112)	DRY(1,113)	DRY(1,114)	DRY(1,115)	
DRY(1,116)	DRY(1,117)	DRY(1,118)	DRY(1,119)	DRY(1,120)	
DRY(1,121)	DRY(1,122)	DRY(1,123)	DRY(1,124)	DRY(1,125)	
DRY(1,126)	DRY(1,127)	DRY(1,128)	DRY(1,129)	DRY(1,130)	
DRY(1,131)	DRY(1,132)	DRY(1,133)	DRY(1,134)	DRY(1,135)	
DRY(1,136)	DRY(1,137)	DRY(1,138)	DRY(1,139)	DRY(1,140)	
DRY(1,141)	DRY(1,142)	DRY(1,143)	DRY(1,144)	DRY(1,145)	
DRY(1,146)	DRY(1,147)	DRY(1,148)	DRY(1,149)	DRY(1,150)	
DRY(1,151)	DRY(1,152)	DRY(1,153)	DRY(1,154)	DRY(1,155)	
DRY(1,156)	DRY(1,157)	DRY(1,158)	DRY(1,159)	DRY(1,160)	
DRY(1,161)	DRY(1,162)	DRY(1,163)	DRY(1,164)	DRY(1,165)	
DRY(1,166)	DRY(1,167)	DRY(1,168)	DRY(1,169)	DRY(1,170)	
DRY(1,171)	DRY(1,172)	DRY(1,173)	DRY(1,174)	DRY(1,175)	
DRY(1,176)	DRY(1,177)	DRY(1,178)	DRY(1,179)	DRY(1,180)	
DRY(1,181)	DRY(1,182)	DRY(1,183)	DRY(1,184)	DRY(1,185)	
DRY(1,186)	DRY(1,187)	DRY(1,188)	DRY(1,189)	DRY(1,190)	
DRY(1,191)	DRY(1,192)	DRY(1,193)	DRY(1,194)	DRY(1,195)	
DRY(1,196)	DRY(1,197)	DRY(1,198)	DRY(1,199)	DRY(1,200)	
DRY(1,201)	DRY(1,202)	DRY(1,203)	DRY(1,204)	DRY(1,205)	
DRY(1,206)	DRY(1,207)	DRY(1,208)	DRY(1,209)	DRY(1,210)	
DRY(1,211)	DRY(1,212)	DRY(1,213)	DRY(1,214)	DRY(1,215)	
DRY(1,216)	DRY(1,217)	DRY(1,218)	DRY(1,219)	DRY(1,220)	

SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1,221)	DRY(1,222)	DRY(1,223)	DRY(1,224)	DRY(1,225)
DRY(1,226)	DRY(1,227)	DRY(1,228)	DRY(1,229)	DRY(1,230)
DRY(1,231)	DRY(1,232)	DRY(1,233)	DRY(1,234)	DRY(1,235)
DRY(1,236)	DRY(1,237)	DRY(1,238)	DRY(1,239)	DRY(1,240)
DRY(1,241)	DRY(1,242)	DRY(1,243)	DRY(1,244)	DRY(1,245)
DRY(1,246)	DRY(1,247)	DRY(1,248)	DRY(1,249)	DRY(1,250)
DRY(1,251)	DRY(1,252)	DRY(1,253)	DRY(1,254)	DRY(1,255)
DRY(1,256)	DRY(1,257)	DRY(1,258)	DRY(1,259)	DRY(1,260)
DRY(1,261)	DRY(1,262)	DRY(1,263)	DRY(1,264)	DRY(1,265)
DRY(1,266)	DRY(1,267)	DRY(1,268)	DRY(1,269)	DRY(1,270)
DRY(1,271)	DRY(1,272)	DRY(1,273)	DRY(1,274)	DRY(1,275)
DRY(1,276)	DRY(1,277)	DRY(1,278)	DRY(1,279)	DRY(1,280)
DRY(1,281)	DRY(1,282)	DRY(1,283)	DRY(1,284)	DRY(1,285)
DRY(1,286)	DRY(1,287)	DRY(1,288)	DRY(1,289)	DRY(1,290)
DRY(1,291)	DRY(1,292)	DRY(1,293)	DRY(1,294)	DRY(1,295)
DRY(1,296)	DRY(1,297)	DRY(1,298)	DRY(1,299)	DRY(1,300)
DRY(1,301)	DRY(1,302)	DRY(1,303)	DRY(1,304)	DRY(1,305)
DRY(1,306)	DRY(1,307)	DRY(1,308)	DRY(1,309)	DRY(1,310)
DRY(1,311)	DRY(1,312)	DRY(1,313)	DRY(1,314)	DRY(1,315)
DRY(1,316)	DRY(1,317)	DRY(1,318)	DRY(1,319)	DRY(1,320)
DRY(1,321)	DRY(1,322)	DRY(1,323)	DRY(1,324)	DRY(1,325)
DRY(1,326)	DRY(1,327)	DRY(1,328)	DRY(1,329)	DRY(1,330)
DRY(1,331)	DRY(1,332)	DRY(1,333)	DRY(1,334)	DRY(1,335)
DRY(1,336)	DRY(1,337)	DRY(1,338)	DRY(1,339)	DRY(1,340)
DRY(1,341)	DRY(1,342)	DRY(1,343)	DRY(1,344)	DRY(1,345)
DRY(1,346)	DRY(1,347)	DRY(1,348)	DRY(1,349)	DRY(1,350)
DRY(1,351)	DRY(1,352)	DRY(1,353)	DRY(1,354)	DRY(1,355)
DRY(1,356)	DRY(1,357)	DRY(1,358)	DRY(1,359)	DRY(1,360)
DRY(1,361)	DRY(1,362)	DRY(1,363)	DRY(1,364)	DRY(1,365)
DRY(1,366)	DRY(1,367)	DRY(1,368)	DRY(1,369)	DRY(1,370)
DRY(1,371)	DRY(1,372)	DRY(1,373)	DRY(1,374)	DRY(1,375)
DRY(1,376)	DRY(1,377)	DRY(1,378)	DRY(1,379)	DRY(1,380)
DRY(1,381)	DRY(1,382)	DRY(1,383)	DRY(1,384)	DRY(1,385)
DRY(1,386)	DRY(1,387)	DRY(1,388)	DRY(1,389)	DRY(1,390)
DRY(1,391)	DRY(1,392)	DRY(1,393)	DRY(1,394)	DRY(1,395)
DRY(1,396)	DRY(1,397)	DRY(1,398)	DRY(1,399)	DRY(1,400)
DRY(1,401)	DRY(1,402)	DRY(1,403)	DRY(1,404)	DRY(1,405)
DRY(1,406)	DRY(1,407)	DRY(1,408)	DRY(1,409)	DRY(1,410)
DRY(1,411)	DRY(1,412)	DRY(1,413)	DRY(1,414)	DRY(1,415)
DRY(1,416)	DRY(1,417)	DRY(1,418)	DRY(1,419)	DRY(1,420)
DRY(1,421)	DRY(1,422)	DRY(1,423)	DRY(1,424)	DRY(1,425)
DRY(1,426)	DRY(1,427)	DRY(1,428)	DRY(1,429)	DRY(1,430)
DRY(1,431)	DRY(1,432)	DRY(1,433)	DRY(1,434)	DRY(1,435)
DRY(1,436)	DRY(1,437)	DRY(1,438)	DRY(1,439)	DRY(1,440)
DRY(1,441)	DRY(1,442)	DRY(1,443)	DRY(1,444)	DRY(1,445)
DRY(1,446)	DRY(1,447)	DRY(1,448)	DRY(1,449)	DRY(1,450)
DRY(1,451)	DRY(1,452)	DRY(1,453)	DRY(1,454)	DRY(1,455)
DRY(1,456)	DRY(1,457)	DRY(1,458)	DRY(1,459)	DRY(1,460)
DRY(1,461)	DRY(1,462)	DRY(1,463)	DRY(1,464)	DRY(1,465)
DRY(1,466)	DRY(1,467)	DRY(1,468)	DRY(1,469)	DRY(1,470)
DRY(1,471)	DRY(1,472)	DRY(1,473)	DRY(1,474)	DRY(1,475)
DRY(1,476)	DRY(1,477)	DRY(1,478)	DRY(1,479)	DRY(1,480)
DRY(1,481)	DRY(1,482)	DRY(1,483)	DRY(1,484)	DRY(1,485)
DRY(1,486)	DRY(1,487)	DRY(1,488)	DRY(1,489)	DRY(1,490)
DRY(1,491)	DRY(1,492)	DRY(1,493)	DRY(1,494)	DRY(1,495)
DRY(1,496)	DRY(1,497)	DRY(1,498)	DRY(1,499)	DRY(1,500)

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 10	STEP= 1	PERIOD= 1	(ROW,COL)
DRY(1, 1)	DRY(1, 2)	DRY(1, 3)	DRY(1, 4)	DRY(1, 5)	
DRY(1, 6)	DRY(1, 7)	DRY(1, 8)	DRY(1, 9)	DRY(1, 10)	
DRY(1, 11)	DRY(1, 12)	DRY(1, 13)	DRY(1, 14)	DRY(1, 15)	
DRY(1, 16)	DRY(1, 17)	DRY(1, 18)	DRY(1, 19)	DRY(1, 20)	
DRY(1, 21)	DRY(1, 22)	DRY(1, 23)	DRY(1, 24)	DRY(1, 25)	
DRY(1, 26)	DRY(1, 27)	DRY(1, 28)	DRY(1, 29)	DRY(1, 30)	
DRY(1, 31)	DRY(1, 32)	DRY(1, 33)	DRY(1, 34)	DRY(1, 35)	

SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1,263)	DRY(1,264)	DRY(1,265)	DRY(1,266)	DRY(1,267)
DRY(1,268)	DRY(1,269)	DRY(1,270)	DRY(1,271)	DRY(1,272)
DRY(1,273)	DRY(1,274)	DRY(1,275)	DRY(1,276)	DRY(1,277)
DRY(1,278)	DRY(1,279)	DRY(1,280)	DRY(1,281)	DRY(1,282)
DRY(1,283)	DRY(1,284)	DRY(1,285)	DRY(1,286)	DRY(1,287)
DRY(1,288)	DRY(1,289)	DRY(1,290)	DRY(1,291)	DRY(1,292)
DRY(1,293)	DRY(1,294)	DRY(1,295)	DRY(1,296)	DRY(1,297)
DRY(1,298)	DRY(1,299)	DRY(1,300)	DRY(1,301)	DRY(1,302)
DRY(1,303)	DRY(1,304)	DRY(1,305)	DRY(1,306)	DRY(1,307)
DRY(1,308)	DRY(1,309)	DRY(1,310)	DRY(1,311)	DRY(1,312)
DRY(1,313)	DRY(1,314)	DRY(1,315)	DRY(1,316)	DRY(1,317)
DRY(1,318)	DRY(1,319)	DRY(1,320)	DRY(1,321)	DRY(1,322)
DRY(1,323)	DRY(1,324)	DRY(1,325)	DRY(1,326)	DRY(1,327)
DRY(1,328)	DRY(1,329)	DRY(1,330)	DRY(1,331)	DRY(1,332)
DRY(1,333)	DRY(1,334)	DRY(1,335)	DRY(1,336)	DRY(1,337)
DRY(1,338)	DRY(1,339)	DRY(1,340)	DRY(1,341)	DRY(1,342)
DRY(1,343)	DRY(1,344)	DRY(1,345)	DRY(1,346)	DRY(1,347)
DRY(1,348)	DRY(1,349)	DRY(1,350)	DRY(1,351)	DRY(1,352)
DRY(1,353)	DRY(1,354)	DRY(1,355)	DRY(1,356)	DRY(1,357)
DRY(1,358)	DRY(1,359)	DRY(1,360)	DRY(1,361)	DRY(1,362)
DRY(1,363)	DRY(1,364)	DRY(1,365)	DRY(1,366)	DRY(1,367)
DRY(1,368)	DRY(1,369)	DRY(1,370)	DRY(1,371)	DRY(1,372)
DRY(1,373)	DRY(1,374)	DRY(1,375)	DRY(1,376)	DRY(1,377)
DRY(1,378)	DRY(1,379)	DRY(1,380)	DRY(1,381)	DRY(1,382)
DRY(1,383)	DRY(1,384)	DRY(1,385)	DRY(1,386)	DRY(1,387)
DRY(1,388)	DRY(1,389)	DRY(1,390)	DRY(1,391)	DRY(1,392)
DRY(1,393)	DRY(1,394)	DRY(1,395)	DRY(1,396)	DRY(1,397)
DRY(1,398)	DRY(1,399)	DRY(1,400)	DRY(1,401)	DRY(1,402)
DRY(1,403)	DRY(1,404)	DRY(1,405)	DRY(1,406)	DRY(1,407)
DRY(1,408)	DRY(1,409)	DRY(1,410)	DRY(1,411)	DRY(1,412)
DRY(1,413)	DRY(1,414)	DRY(1,415)	DRY(1,416)	DRY(1,417)
DRY(1,418)	DRY(1,419)	DRY(1,420)	DRY(1,421)	DRY(1,422)
DRY(1,423)	DRY(1,424)	DRY(1,425)	DRY(1,426)	DRY(1,427)
DRY(1,428)	DRY(1,429)	DRY(1,430)	DRY(1,431)	DRY(1,432)
DRY(1,433)	DRY(1,434)	DRY(1,435)	DRY(1,436)	DRY(1,437)
DRY(1,438)	DRY(1,439)	DRY(1,440)	DRY(1,441)	DRY(1,442)
DRY(1,443)	DRY(1,444)	DRY(1,445)	DRY(1,446)	DRY(1,447)
DRY(1,448)	DRY(1,449)	DRY(1,450)	DRY(1,451)	DRY(1,452)
DRY(1,453)	DRY(1,454)	DRY(1,455)	DRY(1,456)	DRY(1,457)
DRY(1,458)	DRY(1,459)	DRY(1,460)	DRY(1,461)	DRY(1,462)
DRY(1,463)	DRY(1,464)	DRY(1,465)	DRY(1,466)	DRY(1,467)
DRY(1,468)	DRY(1,469)	DRY(1,470)	DRY(1,471)	DRY(1,472)
DRY(1,473)	DRY(1,474)	DRY(1,475)	DRY(1,476)	DRY(1,477)
DRY(1,478)	DRY(1,479)	DRY(1,480)	DRY(1,481)	DRY(1,482)
DRY(1,483)	DRY(1,484)	DRY(1,485)	DRY(1,486)	DRY(1,487)
DRY(1,488)	DRY(1,489)	DRY(1,490)	DRY(1,491)	DRY(1,492)
DRY(1,493)	DRY(1,494)	DRY(1,495)	DRY(1,496)	DRY(1,497)
DRY(1,498)	DRY(1,499)	DRY(1,500)		

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 12	STEP= 1	PERIOD= 1	(ROW, COL)
DRY(1,174)	DRY(1,175)	DRY(1,176)	DRY(1,177)	DRY(1,178)	DRY(1,178)
DRY(1,179)	DRY(1,180)	DRY(1,181)	DRY(1,182)	DRY(1,183)	DRY(1,183)
DRY(1,184)	DRY(1,185)	DRY(1,186)	DRY(1,187)	DRY(1,188)	DRY(1,188)
DRY(1,189)	DRY(1,190)	DRY(1,191)	DRY(1,192)	DRY(1,193)	DRY(1,193)
DRY(1,194)	DRY(1,195)	DRY(1,196)	DRY(1,197)	DRY(1,198)	DRY(1,198)
DRY(1,199)	DRY(1,200)	DRY(1,201)	DRY(1,202)	DRY(1,203)	DRY(1,203)
DRY(1,204)	DRY(1,205)	DRY(1,206)	DRY(1,207)	DRY(1,208)	DRY(1,208)
DRY(1,209)	DRY(1,210)	DRY(1,211)	DRY(1,212)	DRY(1,213)	DRY(1,213)
DRY(1,214)	DRY(1,215)	DRY(1,216)	DRY(1,217)	DRY(1,218)	DRY(1,218)
DRY(1,219)	DRY(1,220)	DRY(1,221)	DRY(1,222)	DRY(1,223)	DRY(1,223)
DRY(1,224)	DRY(1,225)	DRY(1,226)	DRY(1,227)	DRY(1,228)	DRY(1,228)
DRY(1,229)	DRY(1,230)	DRY(1,231)	DRY(1,232)	DRY(1,233)	DRY(1,233)
DRY(1,234)	DRY(1,235)	DRY(1,236)	DRY(1,237)	DRY(1,238)	DRY(1,238)
DRY(1,239)	DRY(1,240)	DRY(1,241)	DRY(1,242)	DRY(1,243)	DRY(1,243)
DRY(1,244)	DRY(1,245)	DRY(1,246)	DRY(1,247)	DRY(1,248)	DRY(1,248)

SECTION_B_CASE_III_5_YEARS_NOD3

DRY(1,468)	DRY(1,469)	DRY(1,470)	DRY(1,471)	DRY(1,472)
DRY(1,473)	DRY(1,474)	DRY(1,475)	DRY(1,476)	DRY(1,477)
DRY(1,478)	DRY(1,479)	DRY(1,480)	DRY(1,481)	DRY(1,482)
DRY(1,483)	DRY(1,484)	DRY(1,485)	DRY(1,486)	DRY(1,487)
DRY(1,488)	DRY(1,489)	DRY(1,490)	DRY(1,491)	DRY(1,492)
DRY(1,493)	DRY(1,494)	DRY(1,495)	DRY(1,496)	DRY(1,497)
DRY(1,498)	DRY(1,499)	DRY(1,500)		

CELL CONVERSIONS FOR ITER.= 1 LAYER= 20 STEP= 1 PERIOD= 1 (ROW,COL)

DRY(1,476)	DRY(1,477)	DRY(1,478)	DRY(1,479)	DRY(1,480)
DRY(1,481)	DRY(1,482)	DRY(1,483)	DRY(1,484)	DRY(1,485)
DRY(1,486)	DRY(1,487)	DRY(1,488)	DRY(1,489)	DRY(1,490)
DRY(1,491)	DRY(1,492)	DRY(1,493)	DRY(1,494)	DRY(1,495)
DRY(1,496)	DRY(1,497)	DRY(1,498)	DRY(1,499)	DRY(1,500)

CELL CONVERSIONS FOR ITER.= 1 LAYER= 21 STEP= 1 PERIOD= 1 (ROW,COL)

DRY(1,484)	DRY(1,485)	DRY(1,486)	DRY(1,487)	DRY(1,488)
DRY(1,489)	DRY(1,490)	DRY(1,491)	DRY(1,492)	DRY(1,493)
DRY(1,494)	DRY(1,495)	DRY(1,496)	DRY(1,497)	DRY(1,498)
DRY(1,499)	DRY(1,500)			

CELL CONVERSIONS FOR ITER.= 1 LAYER= 22 STEP= 1 PERIOD= 1 (ROW,COL)

DRY(1,493)	DRY(1,494)	DRY(1,495)	DRY(1,496)	DRY(1,497)
DRY(1,498)	DRY(1,499)	DRY(1,500)		

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

CELL CONVERSIONS FOR ITER.= 2 LAYER= 17 STEP= 1 PERIOD= 1 (ROW,COL)

DRY(1,447)	DRY(1,448)	DRY(1,449)	DRY(1,450)	
-------------	-------------	-------------	-------------	--

CELL CONVERSIONS FOR ITER.= 2 LAYER= 18 STEP= 1 PERIOD= 1 (ROW,COL)

DRY(1,447)	DRY(1,448)	DRY(1,449)	DRY(1,450)	DRY(1,451)
DRY(1,452)	DRY(1,453)	DRY(1,454)	DRY(1,455)	DRY(1,456)
DRY(1,457)	DRY(1,458)	DRY(1,459)		

CELL CONVERSIONS FOR ITER.= 2 LAYER= 19 STEP= 1 PERIOD= 1 (ROW,COL)

DRY(1,463)	DRY(1,464)	DRY(1,465)	DRY(1,466)	DRY(1,467)
-------------	-------------	-------------	-------------	-------------

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SECTION_B_CASE_III_5_YEARS_NOD3

CELL CONVERSIONS FOR ITER.= 3 LAYER= 19 STEP= 1 PERIOD= 1 (ROW,COL)
 DRY(1,461) DRY(1,462)

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

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

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

Link-MT3DMS Package

OPENING LINK-MT3DMS OUTPUT FILE: C:\Users\rspicer\Desktop\NOD3

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

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

```

SECTION_B_CASE_III_5_YEARS_NOD3
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 5 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 1
 40 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
------------------	----------------------	--------------	------------------

 0 0 0 0

SECTION_B_CASE_III_5_YEARS_NOD3

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 1

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  
```

SECTION_B_CASE_III_5_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
5 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 1
39 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 1

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
5 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 1
40 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 1

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3
 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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

SECTION_B_CASE_III_5_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
MATRIX PRECONDITIONING TYPE = 1
RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01
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HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
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HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3
 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
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 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
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 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
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 MATRIX PRECONDITIONING TYPE = 1
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 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
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 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
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SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
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SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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

SECTION_B_CASE_III_5_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 21 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 1
 196 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 1

SECTION_B_CASE_III_5_YEARS_NOD3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
7 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 1
54 TOTAL ITERATIONS

```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 1

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

```

SECTION_B_CASE_III_5_YEARS_NOD3

MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01

SECTION_B_CASE_III_5_YEARS_NOD3
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 MATRIX PRECONDITIONING TYPE = 1
 RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01
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 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
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 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
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SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 MATRIX PRECONDITIONING TYPE = 1
 RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01
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 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 8 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 1
 71 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 1

SECTION_B_CASE_III_5_YEARS_NOD3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    MATRIX PRECONDITIONING TYPE = 1
RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01

```

SECTION_B_CASE_III_5_YEARS_NOD3
 PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 9 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 1
 76 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 1

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05

SECTION_B_CASE_III_5_YEARS_NOD3

PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
8 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 1
71 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 1

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3
 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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

SECTION_B_CASE_III_5_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 9 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 1
 81 TOTAL ITERATIONS

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

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 0.1208 (28, 1,484)	0 -0.2456 (27, 1, 1)	0 0.6116 (32, 1, 1)	0 0.4599 (28, 1,457)	0 0.3675 (28, 1,494)
0 -0.5058 (28, 1,493)	0 -0.4522 (28, 1,476)	0 0.2191 (28, 1,471)	0 0.9486E-01 (32, 1, 1)	0 -0.5302E-01 (30, 1,471)
1 0.2729E-01 (28, 1,468)	0 -0.5270E-01 (27, 1, 1)	0 -0.1180 (28, 1,453)	0 0.8598E-01 (28, 1,451)	0 0.8390E-01 (28, 1,489)
0 0.6948E-01 (28, 1,463)	0 -0.8577E-01 (28, 1,457)	0 0.1337 (28, 1,454)	0 0.1304 (27, 1, 1)	0 -0.7835E-01 (28, 1,477)
1 0.4123E-01 (28, 1,476)	0 -0.9030E-01 (27, 1, 1)	0 -0.8413E-01 (28, 1,454)	0 0.5056E-01 (30, 1,450)	0 -0.3415E-01 (28, 1,459)
0 -0.7046E-01 (28, 1,489)	0 -0.7658E-01 (28, 1,473)	0 -0.1411 (28, 1,448)	0 -0.6646E-01 (28, 1,467)	0 -0.1333 (28, 1,455)
1 0.3435E-01 (28, 1,469)	0 -0.7592E-01 (28, 1,462)	0 0.5357E-01 (28, 1,467)	0 0.6975E-01 (28, 1,458)	0 -0.3431E-01 (30, 1,457)
0 0.5162E-01 (28, 1,451)	0 0.6988E-01 (28, 1,451)	0 -0.1062 (28, 1,449)	0 0.6533E-01 (27, 1, 1)	0 0.5057E-01 (28, 1,466)
1 -0.1912E-01 (28, 1,462)	0 -0.3828E-01 (28, 1,462)	0 0.4855E-01 (32, 1, 1)	0 0.4160E-01 (28, 1,457)	0 0.2761E-01 (28, 1,493)
0 -0.5359E-01 (28, 1,485)	0 -0.1673 (28, 1,455)	0 0.1059 (28, 1,453)	0 -0.9662E-01 (28, 1,463)	0 0.4489E-01 (28, 1,470)
1 -0.2138E-01 (28, 1,479)	0 -0.4543E-01 (27, 1, 1)	0 0.5872E-01 (28, 1,451)	0 0.5604E-01 (30, 1,459)	0 -0.8550E-01 (28, 1,453)

SECTION_B_CASE_III_5_YEARS_NOD3

```

0 0.2358E-01 0 0.5196E-01 0 -0.4576E-01 0 -0.4576E-01 0 0.2040E-01
( 28, 1,455) ( 28, 1,455) ( 28, 1,474) ( 28, 1,484) ( 28, 1,476)
1 -0.1330E-01 0 -0.3908E-01 0 0.3644E-01 0 0.3789E-01 0 -0.2773E-01
( 28, 1,471) ( 27, 1, 1) ( 32, 1, 1) ( 28, 1,458) ( 28, 1,453)
0 -0.3084E-01 0 -0.1424 0 0.1639 0 -0.6713E-01 0 0.2177E-01
( 28, 1,488) ( 28, 1,462) ( 28, 1,462) ( 28, 1,467) ( 28, 1,474)
1 -0.1052E-01 0 -0.2043E-01 0 0.2230E-01 0 0.2992E-01 0 -0.1970E-01
( 28, 1,478) ( 27, 1, 1) ( 32, 1, 1) ( 28, 1,459) ( 28, 1,457)
0 -0.1583E-01 0 0.1893E-01 0 -0.1929E-01 0 0.2367E-01 0 -0.1363E-01
( 28, 1,484) ( 28, 1,490) ( 28, 1,494) ( 28, 1,497) ( 28, 1,467)
1 0.5464E-02
( 28, 1,467)

```

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

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 -1.567 (22, 1,484)	0 -4.726 (26, 1, 1)	0 -8.069 (20, 1,468)	0 -8.914 (19, 1,458)	0 -8.484 (21, 1,477)
0 -7.846 (28, 1,489)	0 5.700 (26, 1,456)	0 4.641 (27, 1,453)	0 -3.945 (19, 1,454)	0 3.354 (27, 1,453)
1 1.966 (27, 1,453)	0 1.825 (27, 1,453)	0 -1.527 (26, 1,277)	0 -1.518 (26, 1,277)	0 -1.790 (26, 1,453)
0 -2.207 (26, 1,453)	0 2.803 (19, 1,454)	0 -4.552 (26, 1,456)	0 -5.281 (26, 1,456)	0 -5.436 (26, 1,456)
1 -2.454 (26, 1,456)	0 -2.116 (26, 1,456)	0 -1.456 (26, 1,277)	0 -1.452 (26, 1,277)	0 -1.449 (26, 1,277)
0 -1.439 (26, 1,277)	0 -1.416 (26, 1,277)	0 3.724 (26, 1,449)	0 4.290 (26, 1,449)	0 4.950 (26, 1,449)
1 2.185 (26, 1,449)	0 2.078 (26, 1,449)	0 1.706 (26, 1,449)	0 -1.315 (26, 1,277)	0 -1.312 (26, 1,277)
0 -1.302 (26, 1,277)	0 -1.290 (26, 1,277)	0 -2.427 (26, 1,453)	0 2.882 (26, 1,451)	0 2.986 (26, 1,451)
1 -1.267 (26, 1,277)	0 -1.265 (26, 1,277)	0 -1.260 (26, 1,277)	0 -1.253 (26, 1,277)	0 -1.248 (26, 1,277)
0 -1.230 (26, 1,277)	0 -2.694 (26, 1,451)	0 -3.659 (26, 1,451)	0 4.205 (26, 1,453)	0 4.453 (26, 1,453)
1 2.301 (27, 1,453)	0 1.946 (27, 1,453)	0 -1.474 (26, 1,451)	0 -1.123 (26, 1,277)	0 -1.115 (26, 1,277)
0 -1.113 (26, 1,277)	0 -1.102 (26, 1,277)	0 1.266 (26, 1,451)	0 1.590 (26, 1,451)	0 1.659 (26, 1,451)
1 -1.096 (26, 1,277)	0 -1.095 (26, 1,277)	0 -1.090 (26, 1,277)	0 -1.083 (26, 1,277)	0 -1.077 (26, 1,277)
0 -1.070 (26, 1,277)	0 -2.234 (19, 1,458)	0 -1.810 (27, 1,447)	0 1.976 (26, 1,448)	0 2.004 (26, 1,448)
1 1.079 (26, 1,448)	0 1.013 (26, 1,448)	0 0.8898 (26, 1,448)	0 -0.6647 (26, 1,277)	0 -0.6614 (26, 1,277)
0 -0.6578 (26, 1,277)	0 -0.6529 (26, 1,277)	0 -0.6460 (26, 1,277)	0 -0.6328 (26, 1,277)	0 -0.6323 (24, 1,448)
1 -0.6461 (26, 1,277)				

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 " STORAGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1
UBUDSV SAVING " CONSTANT HEAD" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1

```


SECTION_B_CASE_III_5_YEARS_NOD3

UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1
 UBUDSV SAVING "FLOW LOWER FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1
 UBUDSV SAVING " DRAINS" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1
 UBUDSV SAVING " ET" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1
 UBUDSV SAVING " RECHARGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 1

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 1

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 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 =	445.0455	STORAGE =	8.6628E-06
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000
ET =	0.0000	ET =	0.0000
RECHARGE =	43642.8594	RECHARGE =	2296.9924
TOTAL IN =	44087.9062	TOTAL IN =	2296.9924
OUT:		OUT:	
STORAGE =	39704.3047	STORAGE =	2046.0443
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	836.8493	DRAINS =	45.1310
ET =	0.0000	ET =	0.0000
RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL OUT =	40541.1523	TOTAL OUT =	2091.1753
IN - OUT =	3546.7539	IN - OUT =	205.8171
PERCENT DISCREPANCY =	8.38	PERCENT DISCREPANCY =	9.38

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 1					
	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.19181E+08	1.98635E+06	33106.	1379.4	3.7766
STRESS PERIOD TIME	5.99594E+08	9.99324E+06	1.66554E+05	6939.8	19.000
TOTAL TIME	5.99594E+08	9.99324E+06	1.66554E+05	6939.8	19.000

1
1

STRESS PERIOD NO. 2, LENGTH = 7.000000

NUMBER OF TIME STEPS = 10
 MULTIPLIER FOR DELT = 1.200
 INITIAL TIME STEP SIZE = 0.2696592

SECTION_B_CASE_III_5_YEARS_NOD3

DRAIN NO.	LAYER	ROW	COL	DRAIN EL.	CONDUCTANCE
1	42	1	500	455.0	100.0
2	41	1	500	455.0	100.0
3	40	1	500	455.0	100.0
4	39	1	500	455.0	100.0
5	38	1	500	455.0	100.0
6	37	1	500	455.0	100.0
7	36	1	500	455.0	100.0
8	35	1	500	455.0	100.0
9	34	1	500	455.0	100.0
10	33	1	500	455.0	100.0
11	32	1	500	455.0	100.0
12	31	1	500	455.0	100.0
13	30	1	500	455.0	100.0
14	29	1	500	455.0	100.0
15	28	1	500	455.0	100.0
16	27	1	500	455.0	100.0
17	26	1	500	455.0	100.0
18	25	1	500	455.0	100.0

18 DRAINS

ET SURFACE = 480.000

EVAPOTRANSPIRATION RATE = 0.00000

EXTINCTION DEPTH = 0.00000

RECHARGE

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

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0

```

SECTION_B_CASE_III_5_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

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

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 2

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
3 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 2
20 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 2

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
3 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 2
21 TOTAL ITERATIONS

```

```

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

```

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

```

HEAD    DRAWDOWN  HEAD    DRAWDOWN
PRINTOUT PRINTOUT  SAVE    SAVE
-----

```

```

0        0        0        0

```

```

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 2

```

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

```

SECTION_B_CASE_III_5_YEARS_NOD3
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 6 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 2
 44 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

 0 0 0 0

SECTION_B_CASE_III_5_YEARS_NOD3

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 2

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  
```

SECTION_B_CASE_III_5_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  6 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 2
  49 TOTAL ITERATIONS

```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 2

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```


SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
4 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 2
31 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 2

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3
 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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

SECTION_B_CASE_III_5_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 7 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 2
 53 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 2

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10

SECTION_B_CASE_III_5_YEARS_NOD3
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
5 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 2
41 TOTAL ITERATIONS

SECTION_B_CASE_III_5_YEARS_NOD3

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 2

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

SECTION_B_CASE_III_5_YEARS_NOD3

MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01

SECTION_B_CASE_III_5_YEARS_NOD3
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 8 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 2
 66 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 2

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0

SECTION_B_CASE_III_5_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE =	10000
MAXIMUM ITERATIONS PER CALL TO PCG =	10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE =	0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL =	10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) =	0
DAMPING PARAMETER =	0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE =	10000
MAXIMUM ITERATIONS PER CALL TO PCG =	10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE =	0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL =	10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) =	0
DAMPING PARAMETER =	0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE =	10000
MAXIMUM ITERATIONS PER CALL TO PCG =	10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE =	0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL =	10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) =	0
DAMPING PARAMETER =	0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE =	10000
MAXIMUM ITERATIONS PER CALL TO PCG =	10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE =	0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL =	10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) =	0
DAMPING PARAMETER =	0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3

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MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
8 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 2
64 TOTAL ITERATIONS
    
```

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

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 0.5181E-01 (28, 1, 467)	0 0.1906 (28, 1, 449)	0 -0.3338 (28, 1, 488)	0 -0.2393 (28, 1, 452)	0 0.1693 (28, 1, 459)
0 -0.3949 (28, 1, 449)	0 0.2770 (28, 1, 452)	0 0.1516 (28, 1, 494)	0 0.1433 (27, 1, 2)	0 -0.1019 (32, 1, 1)
1 -0.3414E-01 (28, 1, 463)	0 0.2478E-01 (28, 1, 472)	0 -0.4484E-01 (32, 1, 1)	0 -0.4103E-01 (28, 1, 450)	0 0.5163E-01 (28, 1, 466)
0 0.3958E-01 (28, 1, 493)	0 0.5904E-01 (28, 1, 452)	0 -0.6530E-01 (28, 1, 456)	0 0.4915E-01 (28, 1, 488)	0 -0.8931E-01 (28, 1, 449)
1 -0.3589E-01 (28, 1, 461)	0 0.2120E-01 (28, 1, 467)	0 -0.3186E-01 (27, 1, 1)	0 -0.3595E-01 (28, 1, 470)	0 -0.2358E-01 (28, 1, 484)
0 0.2882E-01 (28, 1, 495)	0 0.6569E-01 (28, 1, 454)	0 0.5663E-01 (32, 1, 1)	0 0.4480E-01 (28, 1, 463)	0 -0.6549E-01 (28, 1, 484)
1 -0.4197E-01 (28, 1, 477)	0 0.1486E-01 (28, 1, 467)	0 -0.2528E-01 (28, 1, 490)	0 0.3132E-01 (31, 1, 458)	0 -0.3618E-01 (28, 1, 453)
0 0.4015E-01 (28, 1, 488)	0 0.2590E-01 (28, 1, 452)	0 0.4432E-01 (29, 1, 2)	0 -0.5065E-01 (32, 1, 1)	0 -0.3488E-01 (28, 1, 449)
1 0.2790E-01 (28, 1, 449)	0 0.1558E-01 (28, 1, 474)	0 -0.2553E-01 (30, 1, 471)	0 0.1991E-01 (28, 1, 459)	0 -0.2704E-01 (28, 1, 452)
0 -0.2766E-01 (28, 1, 484)	0 -0.4297E-01 (28, 1, 466)	0 -0.4331E-01 (30, 1, 458)	0 0.3797E-01 (32, 1, 1)	0 -0.7681E-01 (28, 1, 455)
1 -0.4689E-01 (28, 1, 461)	0 0.1520E-01 (28, 1, 480)	0 -0.1939E-01 (28, 1, 469)	0 0.2026E-01 (28, 1, 492)	0 -0.2270E-01 (28, 1, 453)
0 0.3003E-01 (28, 1, 451)	0 0.2056E-01 (28, 1, 484)	0 -0.4083E-01 (28, 1, 449)	0 -0.3115E-01 (28, 1, 449)	0 0.3522E-01 (27, 1, 1)
1 -0.2486E-01 (27, 1, 1)	0 0.1938E-01 (32, 1, 1)	0 -0.9063E-02 (28, 1, 462)	1 -0.6247E-02 (27, 1, 1)	

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

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 -0.6804 (25, 1, 11)	0 -2.891 (19, 1, 450)	0 -5.171 (19, 1, 450)	0 -6.398 (26, 1, 451)	0 -6.396 (26, 1, 451)
0 7.479 (25, 1, 11)	0 7.865 (25, 1, 11)	0 7.533 (25, 1, 11)	0 7.089 (25, 1, 11)	0 6.583 (25, 1, 11)
1 3.534 (25, 1, 11)	0 3.449 (25, 1, 11)	0 3.120 (25, 1, 11)	0 2.250 (25, 1, 11)	0 1.272 (25, 1, 11)
0 -1.079 (20, 1, 467)	0 -1.493 (19, 1, 449)	0 -3.098 (25, 1, 11)	0 -4.352 (25, 1, 11)	0 -6.900 (25, 1, 11)
1 -2.556 (25, 1, 11)	0 -2.500 (25, 1, 11)	0 -2.243 (25, 1, 11)	0 -1.794 (25, 1, 11)	0 -1.457 (25, 1, 11)
0 -0.8740 (25, 1, 11)	0 -0.9171 (19, 1, 450)	0 2.717 (25, 1, 11)	0 3.923 (25, 1, 11)	0 5.508 (25, 1, 11)
1 2.063 (25, 1, 11)	0 2.012 (25, 1, 11)	0 1.761 (25, 1, 11)	0 1.401 (25, 1, 11)	0 0.9506 (25, 1, 11)

SECTION_B_CASE_III_5_YEARS_NOD3

IN - OUT = 5415.7812 IN - OUT = 423.2482
 PERCENT DISCREPANCY = 9.67 PERCENT DISCREPANCY = 22.55

		TIME SUMMARY AT END OF TIME STEP		10	IN	STRESS PERIOD	2
		SECONDS	MINUTES	HOURS	DAYS	YEARS	
TIME	STEP LENGTH	4.39087E+07	7.31812E+05	12197.	508.20	1.3914	
STRESS	PERIOD TIME	2.20903E+08	3.68172E+06	61362.	2556.8	7.0000	
	TOTAL TIME	8.20498E+08	1.36750E+07	2.27916E+05	9496.5	26.000	

1
1

STRESS PERIOD NO. 3, LENGTH = 26.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 1.001591

DRAIN NO.	LAYER	ROW	COL	DRAIN EL.	CONDUCTANCE
1	42	1	500	455.0	100.0
2	41	1	500	455.0	100.0
3	40	1	500	455.0	100.0
4	39	1	500	455.0	100.0
5	38	1	500	455.0	100.0
6	37	1	500	455.0	100.0
7	36	1	500	455.0	100.0
8	35	1	500	455.0	100.0
9	34	1	500	455.0	100.0
10	33	1	500	455.0	100.0
11	32	1	500	455.0	100.0
12	31	1	500	455.0	100.0
13	30	1	500	455.0	100.0
14	29	1	500	455.0	100.0
15	28	1	500	455.0	100.0
16	27	1	500	455.0	100.0
17	26	1	500	455.0	100.0
18	25	1	500	455.0	100.0

18 DRAINS

ET SURFACE = 480.000

EVAPOTRANSPIRATION RATE = 0.00000

EXTINCTION DEPTH = 0.00000

RECHARGE

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

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    MATRIX PRECONDITIONING TYPE = 1
RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01

```

SECTION_B_CASE_III_5_YEARS_NOD3

PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

6 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 3
 46 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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

SECTION_B_CASE_III_5_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00
  10 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 3
  86 TOTAL ITERATIONS
  
```

```

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0
  
```

SECTION_B_CASE_III_5_YEARS_NOD3

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

0 0 0 0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 MATRIX PRECONDITIONING TYPE = 1

SECTION_B_CASE_III_5_YEARS_NOD3

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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 7 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 3
 54 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

 0 0 0 0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
6 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 3
51 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    MATRIX PRECONDITIONING TYPE = 1
RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01

```

SECTION_B_CASE_III_5_YEARS_NOD3

PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 7 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 3
 53 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05

SECTION_B_CASE_III_5_YEARS_NOD3

PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
10 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 3
83 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

SECTION_B_CASE_III_5_YEARS_NOD3

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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

```


SECTION_B_CASE_III_5_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
9 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 3
81 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
MATRIX PRECONDITIONING TYPE = 1

```

SECTION_B_CASE_III_5_YEARS_NOD3

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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 9 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 3
 81 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01

SECTION_B_CASE_III_5_YEARS_NOD3
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

```

SECTION_B_CASE_III_5_YEARS_NOD3
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 11 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 3
 96 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 MATRIX PRECONDITIONING TYPE = 1
 RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01

SECTION_B_CASE_III_5_YEARS_NOD3

PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0

SECTION_B_CASE_III_5_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
12 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 3
107 TOTAL ITERATIONS
    
```

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

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 -0.8421E-01 (28, 1,474)	0 0.2913 (28, 1,460)	0 -0.3973 (28, 1,453)	0 0.9515 (27, 1, 1)	0 -0.6562 (27, 1, 1)
0 -0.4576 (28, 1,488)	0 0.2556 (28, 1,492)	0 -0.1322 (28, 1,478)	0 0.1433 (28, 1,453)	0 0.7969E-01 (28, 1,478)
1 -0.4217E-01 (28, 1,472)	0 -0.7164E-01 (28, 1,452)	0 0.6087E-01 (28, 1,478)	0 -0.4559E-01 (28, 1,491)	0 -0.1311 (27, 1, 13)
0 0.4653E-01 (28, 1,488)	0 -0.8624E-01 (28, 1,496)	0 -0.1170 (27, 1, 1)	0 0.6092E-01 (28, 1,494)	0 0.4334E-01 (28, 1,473)
1 -0.3979E-01 (28, 1,473)	0 -0.5255E-01 (28, 1,453)	0 0.6432E-01 (27, 1, 1)	0 0.4383E-01 (28, 1,458)	0 -0.4704E-01 (27, 1, 1)
0 0.9422E-01 (28, 1,468)	0 0.1162 (27, 1, 13)	0 0.1813 (27, 1, 13)	0 0.2097 (28, 1,493)	0 -0.5898E-01 (28, 1,478)
1 0.2325E-01 (28, 1,470)	0 -0.9063E-01 (28, 1,492)	0 0.9134E-01 (27, 1, 1)	0 -0.6057E-01 (28, 1,484)	0 -0.3465E-01 (28, 1,462)
0 0.6777E-01 (28, 1,456)	0 -0.4868E-01 (28, 1,451)	0 -0.3412E-01 (28, 1,478)	0 0.5995E-01 (28, 1,453)	0 0.1167 (27, 1, 11)
1 -0.2362E-01 (28, 1,473)	0 0.7051E-01 (28, 1,468)	0 0.3796E-01 (27, 1, 1)	0 -0.3133E-01 (28, 1,484)	0 0.2023E-01 (28, 1,478)
0 0.4650E-01 (28, 1,460)	0 0.9985E-01 (27, 1, 1)	0 -0.5965E-01 (27, 1, 12)	0 0.6839E-01 (28, 1,454)	0 -0.6725E-01 (28, 1,475)
1 0.2760E-01 (28, 1,468)	0 -0.4482E-01 (30, 1,454)	0 0.3991E-01 (28, 1,478)	0 -0.4878E-01 (27, 1, 1)	0 -0.2404E-01 (28, 1,459)
0 0.2864E-01 (28, 1,469)	0 0.6152E-01 (27, 1, 12)	0 -0.4540E-01 (27, 1, 1)	0 -0.6124E-01 (28, 1,469)	0 0.2530E-01 (28, 1,474)
1 0.3409E-01 (28, 1,468)	0 -0.2067E-01 (28, 1,463)	0 0.2514E-01 (27, 1, 1)	0 -0.2966E-01 (32, 1, 1)	0 0.1848E-01 (28, 1,488)
0 0.5192E-01 (28, 1,461)	0 -0.6100E-01 (28, 1,494)	0 0.9431E-01 (28, 1,453)	0 0.6059E-01 (28, 1,470)	0 0.1110 (28, 1,482)
1 -0.4901E-01 (28, 1,482)	0 0.4359E-01 (28, 1,488)	0 0.3391E-01 (28, 1,478)	0 -0.4209E-01 (27, 1, 1)	0 0.2578E-01 (28, 1,494)
0 -0.2033E-01	0 -0.2655E-01	0 -0.3186E-01	0 0.2899E-01	0 0.6232E-01

SECTION_B_CASE_III_5_YEARS_NOD3

```

( 28, 1,477) ( 28, 1,460) ( 27, 1, 1) ( 28, 1,474) ( 28, 1,463)
1 -0.1670E-01 0 0.3059E-01 0 -0.2982E-01 0 -0.2074E-01 0 0.2562E-01
( 28, 1,464) ( 28, 1,470) ( 28, 1,493) ( 28, 1,454) ( 28, 1,495)
0 0.1869E-01 0 0.3426E-01 0 0.1199 0 -0.6234E-01 0 -0.2901E-01
( 28, 1,452) ( 28, 1,478) ( 27, 1, 12) ( 28, 1,450) ( 28, 1,467)
1 0.4515E-01 0 0.2089E-01 0 -0.2674E-01 0 -0.4088E-01 0 0.1182E-01
( 27, 1, 1) ( 28, 1,469) ( 27, 1, 12) ( 27, 1, 12) ( 28, 1,492)
0 -0.1963E-01 0 0.1857E-01 0 -0.1898E-01 0 0.1613E-01 0 -0.4563E-01
( 28, 1,485) ( 28, 1,454) ( 28, 1,496) ( 28, 1,494) ( 28, 1,488)
1 -0.2009E-01 0 0.2469E-01 0 -0.1959E-01 0 0.1689E-01 0 -0.1894E-01
( 28, 1,481) ( 28, 1,488) ( 27, 1, 1) ( 28, 1,478) ( 28, 1,454)
0 0.9811E-02 1 -0.8812E-02
( 28, 1,467) ( 28, 1,463)

```

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

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 -1.008 (28, 1,476)	0 -4.045 (20, 1,461)	0 6.407 (20, 1,474)	0 -8.730 (17, 1, 14)	0 -10.75 (17, 1, 14)
0 -10.41 (17, 1, 14)	0 -9.801 (17, 1, 14)	0 -8.858 (17, 1, 14)	0 -6.678 (17, 1, 14)	0 -5.725 (17, 1, 14)
1 -3.307 (17, 1, 14)	0 -2.995 (17, 1, 14)	0 -2.470 (17, 1, 14)	0 -1.988 (17, 1, 14)	0 -0.9371 (19, 1,450)
0 -1.222 (19, 1,450)	0 2.370 (17, 1, 14)	0 3.223 (17, 1, 14)	0 3.582 (17, 1, 14)	0 3.580 (17, 1, 14)
1 -0.8938 (19, 1,454)	0 -0.8397 (26, 1,181)	0 -0.8380 (26, 1,181)	0 -0.8362 (26, 1,181)	0 -0.8556 (23, 1,498)
0 -1.589 (20, 1,469)	0 -2.375 (17, 1, 14)	0 -5.199 (17, 1, 14)	0 -7.713 (17, 1, 14)	0 -7.681 (17, 1, 14)
1 -4.222 (17, 1, 14)	0 -3.240 (17, 1, 14)	0 -2.055 (17, 1, 14)	0 -1.267 (25, 1, 10)	0 -1.167 (25, 1, 10)
0 -0.8728 (25, 1, 10)	0 0.9873 (17, 1, 13)	0 1.142 (17, 1, 14)	0 1.337 (17, 1, 14)	0 2.683 (25, 1, 10)
1 -1.046 (17, 1, 13)	0 -0.7336 (17, 1, 13)	0 -0.6916 (26, 1,180)	0 -0.6896 (26, 1,180)	0 -0.6878 (26, 1,180)
0 -0.8341 (20, 1,460)	0 1.898 (17, 1, 13)	0 2.866 (17, 1, 13)	0 3.266 (17, 1, 13)	0 3.270 (17, 1, 13)
1 -1.549 (22, 1, 10)	0 -1.317 (22, 1, 10)	0 -0.8330 (22, 1, 10)	0 -0.6298 (26, 1,180)	0 -0.6282 (26, 1,180)
0 -0.6253 (20, 1,469)	0 -1.153 (17, 1, 13)	0 -1.546 (17, 1, 13)	0 -1.931 (17, 1, 13)	0 -1.951 (17, 1, 13)
1 -0.6089 (26, 1,180)	0 -0.6081 (26, 1,180)	0 -0.6068 (26, 1,180)	0 -0.6039 (26, 1,180)	0 -0.6019 (26, 1,180)
0 -0.7825 (20, 1,460)	0 1.108 (17, 1, 13)	0 2.633 (17, 1, 13)	0 3.413 (17, 1, 13)	0 3.861 (17, 1, 13)
1 1.783 (17, 1, 13)	0 1.497 (17, 1, 13)	0 1.005 (17, 1, 13)	0 -0.5328 (21, 1,478)	0 -0.5002 (26, 1,180)
0 -0.4987 (26, 1,180)	0 -0.4958 (26, 1,180)	0 -0.5840 (17, 1, 13)	0 -0.8237 (17, 1, 13)	0 -1.055 (20, 1,464)
1 -0.5053 (20, 1,464)	0 -0.4809 (26, 1,180)	0 -0.4787 (26, 1,180)	0 -0.4770 (26, 1,180)	0 -0.4738 (26, 1,180)
0 -0.4831 (23, 1,498)	0 -0.7864 (21, 1,479)	0 -2.202 (17, 1, 13)	0 -2.803 (17, 1, 13)	0 -2.874 (17, 1, 13)
1 -1.442 (17, 1, 13)	0 -1.326 (17, 1, 13)	0 -0.9033 (17, 1, 13)	0 -0.3940 (26, 1,180)	0 -0.3931 (26, 1,180)
0 -0.3914 (26, 1,180)	0 -0.3894 (26, 1,180)	0 0.4677 (17, 1, 13)	0 0.5197 (17, 1, 13)	0 -0.6718 (28, 1,488)
1 -0.3913 (28, 1,488)	0 -0.3762 (26, 1,180)	0 -0.3756 (26, 1,180)	0 -0.3737 (26, 1,180)	0 -0.3716 (26, 1,180)
0 -0.3699 (26, 1,180)	1 -0.3726 (26, 1,180)			

SECTION_B_CASE_III_5_YEARS_NOD3

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 "          STORAGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3
UBUDSV SAVING "    CONSTANT HEAD" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3
UBUDSV SAVING "FLOW LOWER FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3
UBUDSV SAVING "          DRAINS" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3
UBUDSV SAVING "          ET" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3
UBUDSV SAVING "          RECHARGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3
    
```

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 3

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 3

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 3

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 3

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
---		---	
STORAGE =	447.0385	STORAGE =	1.8330E-05
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000
ET =	0.0000	ET =	0.0000
RECHARGE =	112572.8047	RECHARGE =	2088.7864
TOTAL IN =	113019.8438	TOTAL IN =	2088.7864
OUT:		OUT:	
---		---	
STORAGE =	98813.3438	STORAGE =	1801.6765
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	2470.1021	DRAINS =	52.6421
ET =	0.0000	ET =	0.0000
RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL OUT =	101283.4453	TOTAL OUT =	1854.3186
IN - OUT =	11736.3984	IN - OUT =	234.4678
PERCENT DISCREPANCY =	10.95	PERCENT DISCREPANCY =	11.89

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 3	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.63089E+08	2.71816E+06	45303.	1887.6	5.1680
STRESS PERIOD TIME	8.20498E+08	1.36750E+07	2.27916E+05	9496.5	26.000

SECTION_B_CASE_III_5_YEARS_NOD3
TOTAL TIME 1.64099E+09 2.73499E+07 4.55832E+05 18993. 52.000

1
1

STRESS PERIOD NO. 4, LENGTH = 4.000000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 0.1540910

DRAIN NO.	LAYER	ROW	COL	DRAIN EL.	CONDUCTANCE
1	42	1	500	455.0	5.000
2	41	1	500	455.0	5.000
3	40	1	500	455.0	5.000
4	39	1	500	455.0	5.000
5	38	1	500	455.0	5.000
6	37	1	500	455.0	5.000
7	36	1	500	455.0	5.000
8	35	1	500	455.0	5.000
9	34	1	500	455.0	5.000
10	33	1	500	455.0	5.000
11	32	1	500	455.0	5.000
12	31	1	500	455.0	5.000
13	30	1	500	455.0	5.000
14	29	1	500	455.0	5.000
15	28	1	500	455.0	5.000
16	27	1	500	455.0	5.000
17	26	1	500	455.0	5.000
18	25	1	500	455.0	5.000

18 DRAINS

ET SURFACE = 480.000

EVAPOTRANSPIRATION RATE = 0.00000

EXTINCTION DEPTH = 0.00000

RECHARGE

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

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

5 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 4
36 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

SECTION_B_CASE_III_5_YEARS_NOD3

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
MATRIX PRECONDITIONING TYPE = 1
RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01

```

SECTION_B_CASE_III_5_YEARS_NOD3
 PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 4 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 4
 31 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05

SECTION_B_CASE_III_5_YEARS_NOD3

PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 3 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 4
 21 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
5 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 4
36 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
4 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 4
29 TOTAL ITERATIONS

```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000

```

SECTION_B_CASE_III_5_YEARS_NOD3
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

3 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 4
 21 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD	DRAWDOWN	HEAD	DRAWDOWN
PRINTOUT	PRINTOUT	SAVE	SAVE

 0 0 0 0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 MATRIX PRECONDITIONING TYPE = 1
 RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01

SECTION_B_CASE_III_5_YEARS_NOD3

PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0

SECTION_B_CASE_III_5_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
6 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 4
43 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

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SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
6 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 4
44 TOTAL ITERATIONS

```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

SECTION_B_CASE_III_5_YEARS_NOD3

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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

```


SECTION_B_CASE_III_5_YEARS_NOD3
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 6 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 4
 45 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 4

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10

SECTION_B_CASE_III_5_YEARS_NOD3
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
6 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 4
44 TOTAL ITERATIONS

```

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

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 0.2815 (27, 1, 1)	0 -0.3882 (27, 1, 1)	0 0.2233 (28, 1,472)	0 -0.1046 (28, 1,451)	0 0.9122E-01 (28, 1,458)
0 -0.7976E-01 (28, 1,472)	0 0.6262E-01 (30, 1,496)	0 -0.3495E-01 (28, 1,467)	0 0.5420E-01 (27, 1, 11)	0 -0.3276E-01 (28, 1,481)
1 0.3419E-01 (28, 1,477)	0 -0.4464E-01 (28, 1,481)	0 0.5366E-01 (27, 1, 1)	0 0.6399E-01 (28, 1,468)	0 0.7040E-01 (29, 1,456)
0 -0.1155 (28, 1,452)	0 0.7714E-01 (28, 1,464)	0 -0.6978E-01 (28, 1,460)	0 0.7004E-01 (30, 1,486)	0 -0.3903E-01 (28, 1,488)
1 0.1666E-01 (28, 1,492)	0 -0.2351E-01 (28, 1,487)	0 0.2553E-01 (27, 1, 1)	0 -0.2369E-01 (27, 1, 1)	0 -0.1610E-01 (28, 1,475)
0 0.2744E-01 (28, 1,464)	0 0.1965E-01 (28, 1,452)	0 -0.1973E-01 (28, 1,467)	0 0.2238E-01 (28, 1,459)	0 0.2075E-01 (28, 1,453)
1 -0.1582E-01 (28, 1,470)	0 -0.1444E-01 (28, 1,459)	0 0.1179E-01 (28, 1,467)	0 -0.1113E-01 (28, 1,452)	0 -0.1303E-01 (28, 1,464)
0 -0.1938E-01 (27, 1, 1)	0 -0.2114E-01 (28, 1,455)	0 -0.3019E-01 (28, 1,479)	0 0.3936E-01 (28, 1,486)	0 -0.2538E-01 (28, 1,493)
1 0.1163E-01 (28, 1,479)	0 -0.1085E-01 (28, 1,483)	0 0.9167E-02 (28, 1,472)	1 -0.4832E-02 (27, 1, 1)	

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

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 3.798 (26, 1, 1)	0 -5.800 (23, 1, 11)	0 -9.042 (22, 1, 11)	0 -9.094 (22, 1, 11)	0 -8.765 (22, 1, 11)
0 -7.119 (22, 1, 11)	0 -5.952 (21, 1, 11)	0 -5.042 (21, 1, 11)	0 2.735 (17, 1, 13)	0 1.838 (17, 1, 13)
1 -0.7511 (26, 1, 12)	0 0.6057 (27, 1,459)	0 -0.6135 (28, 1,481)	0 -1.291 (20, 1,468)	0 -1.924 (25, 1, 10)
0 -3.117 (17, 1, 13)	0 -3.761 (17, 1, 13)	0 -4.483 (17, 1, 13)	0 -4.725 (17, 1, 13)	0 -4.469 (17, 1, 13)
1 -2.259 (17, 1, 13)	0 -1.658 (17, 1, 13)	0 -1.208 (17, 1, 13)	0 -0.8980 (23, 1,447)	0 -0.6988 (23, 1,447)
0 -0.8247 (22, 1, 11)	0 -1.142 (20, 1, 11)	0 1.364 (17, 1, 13)	0 1.838 (17, 1, 13)	0 2.228 (17, 1, 13)
1 0.3589 (17, 1, 13)	0 0.2958 (17, 1, 13)	0 -0.2581 (26, 1, 12)	0 -0.2126 (26, 1, 12)	0 -0.3031 (17, 1, 10)
0 0.4228 (26, 1, 9)	0 -0.5825 (25, 1, 10)	0 -1.190 (17, 1, 13)	0 -2.117 (17, 1, 13)	0 -2.229 (17, 1, 13)
1 -1.097 (17, 1, 13)	0 -0.8859 (17, 1, 13)	0 -0.7185 (17, 1, 13)	1 -0.8813 (17, 1, 13)	

SECTION_B_CASE_III_5_YEARS_NOD3

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 " STORAGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4
UBUDSV SAVING " CONSTANT HEAD" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4
UBUDSV SAVING "FLOW LOWER FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4
UBUDSV SAVING " DRAINS" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4
UBUDSV SAVING " ET" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4
UBUDSV SAVING " RECHARGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4
    
```

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 4

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 4

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 4

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 4

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	447.0385	STORAGE =	2.9616E-06
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000
ET =	0.0000	ET =	0.0000
RECHARGE =	120927.9453	RECHARGE =	2088.7864
TOTAL IN =	121374.9844	TOTAL IN =	2088.7864
OUT:		OUT:	
STORAGE =	106089.5391	STORAGE =	1871.3445
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	2657.0605	DRAINS =	48.9610
ET =	0.0000	ET =	0.0000
RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL OUT =	108746.6016	TOTAL OUT =	1920.3055
IN - OUT =	12628.3828	IN - OUT =	168.4808
PERCENT DISCREPANCY =	10.98	PERCENT DISCREPANCY =	8.40

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 4						
	SECONDS	MINUTES	HOURS	DAYS	YEARS	
TIME STEP LENGTH	2.50907E+07	4.18178E+05	6969.6	290.40	0.79508	
STRESS PERIOD TIME	1.26230E+08	2.10384E+06	35064.	1461.0	4.0000	
TOTAL TIME	1.76723E+09	2.94538E+07	4.90896E+05	20454.	56.000	

1
1

SECTION_B_CASE_III_5_YEARS_NOD3

STRESS PERIOD NO. 5, LENGTH = 74.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 2.850683

0 DRAINS

ET SURFACE = 480.000

EVAPOTRANSPIRATION RATE = 0.00000

EXTINCTION DEPTH = 0.00000

RECHARGE = 0.00000

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10

SECTION_B_CASE_III_5_YEARS_NOD3
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

CELL CONVERSIONS FOR ITER.= 5 LAYER= 20 STEP= 1 PERIOD= 5 (ROW,COL)
WET(1,476) WET(1,477) WET(1,478) WET(1,479) WET(1,480)
WET(1,481) WET(1,482) WET(1,483)

CELL CONVERSIONS FOR ITER.= 5 LAYER= 21 STEP= 1 PERIOD= 5 (ROW,COL)
WET(1,484) WET(1,485) WET(1,486) WET(1,487) WET(1,488)
WET(1,489) WET(1,490) WET(1,491) WET(1,492)

CELL CONVERSIONS FOR ITER.= 5 LAYER= 22 STEP= 1 PERIOD= 5 (ROW,COL)
WET(1,493) WET(1,494) WET(1,495) WET(1,496) WET(1,497)
WET(1,498) WET(1,499) WET(1,500)

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

CELL CONVERSIONS FOR ITER.= 6 LAYER= 19 STEP= 1 PERIOD= 5 (ROW,COL)
DRY(1,447) DRY(1,448) DRY(1,449) DRY(1,450) DRY(1,451)
DRY(1,452) DRY(1,453) DRY(1,454) DRY(1,455) DRY(1,456)
DRY(1,457) DRY(1,458) DRY(1,459) DRY(1,460)

SECTION_B_CASE_III_5_YEARS_NOD3

CELL CONVERSIONS FOR ITER.= 6 LAYER= 20 STEP= 1 PERIOD= 5 (ROW,COL)
 DRY(1,447) DRY(1,448) DRY(1,449) DRY(1,450) DRY(1,451)
 DRY(1,452) DRY(1,453) DRY(1,454) DRY(1,455) DRY(1,456)
 DRY(1,457) DRY(1,458) DRY(1,459) DRY(1,460) DRY(1,461)
 DRY(1,462) DRY(1,463) DRY(1,464) DRY(1,465) DRY(1,466)
 DRY(1,467) DRY(1,468) DRY(1,469) DRY(1,470) DRY(1,471)
 DRY(1,472) DRY(1,473) DRY(1,474) DRY(1,475) DRY(1,476)
 DRY(1,477) DRY(1,478) DRY(1,479) DRY(1,480) DRY(1,481)
 DRY(1,482) DRY(1,483)

CELL CONVERSIONS FOR ITER.= 6 LAYER= 21 STEP= 1 PERIOD= 5 (ROW,COL)
 DRY(1,447) DRY(1,448) DRY(1,449) DRY(1,450) DRY(1,451)
 DRY(1,452) DRY(1,453) DRY(1,454) DRY(1,455) DRY(1,456)
 DRY(1,457) DRY(1,458) DRY(1,459) DRY(1,460) DRY(1,461)
 DRY(1,462) DRY(1,463) DRY(1,464) DRY(1,465) DRY(1,466)
 DRY(1,467) DRY(1,468) DRY(1,469) DRY(1,470) DRY(1,471)
 DRY(1,472) DRY(1,473) DRY(1,474) DRY(1,475) DRY(1,476)
 DRY(1,477) DRY(1,478) DRY(1,479) DRY(1,480) DRY(1,481)
 DRY(1,482) DRY(1,483) DRY(1,484) DRY(1,485) DRY(1,486)
 DRY(1,487) DRY(1,488) DRY(1,489) DRY(1,490) DRY(1,491)
 DRY(1,492)

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0

SECTION_B_CASE_III_5_YEARS_NOD3

DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

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

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
  MAXIMUM ITERATIONS PER CALL TO PCG = 10
    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-01
  RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
  PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
  PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
  DAMPING PARAMETER = 0.60000E+00

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SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3
 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 7 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 5
 61 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 MATRIX PRECONDITIONING TYPE = 1

SECTION_B_CASE_III_5_YEARS_NOD3

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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 3 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 5
 21 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01

SECTION_B_CASE_III_5_YEARS_NOD3
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 3 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 5
 21 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
 MAXIMUM ITERATIONS PER CALL TO PCG = 10
 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-01
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
 DAMPING PARAMETER = 0.60000E+00
 2 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 5
 11 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 5

SECTION_B_CASE_III_5_YEARS_NOD3

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

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-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
1 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 5
1 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SECTION_B_CASE_III_5_YEARS_NOD3

2 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 5
3 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE =	10000
MAXIMUM ITERATIONS PER CALL TO PCG =	10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE =	0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL =	10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) =	0
DAMPING PARAMETER =	0.60000E+00
1 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 5	
1 TOTAL ITERATIONS	

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE =	10000
MAXIMUM ITERATIONS PER CALL TO PCG =	10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE =	0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL =	10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) =	0
DAMPING PARAMETER =	0.60000E+00

SECTION_B_CASE_III_5_YEARS_NOD3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
    
```

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
4 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 5
23 TOTAL ITERATIONS
    
```

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD	DRAWDOWN	HEAD	DRAWDOWN
PRINTOUT	PRINTOUT	SAVE	SAVE

 0 0 0 0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 5

SOLVING FOR HEAD

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

SECTION_B_CASE_III_5_YEARS_NOD3

```

-----
MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000
MAXIMUM ITERATIONS PER CALL TO PCG = 10
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-01
RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.86000E+05
PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10
PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0
DAMPING PARAMETER = 0.60000E+00
1 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 5
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 -0.2363E-02
( 28, 1,476)

```

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 1.160
( 22, 1,452)

```

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 " STORAGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
UBUDSV SAVING " CONSTANT HEAD" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
UBUDSV SAVING "FLOW LOWER FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
UBUDSV SAVING " ET" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5
UBUDSV SAVING " RECHARGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 5

```

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 5

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 5

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 5

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 5

```

-----
CUMULATIVE VOLUMES L**3 RATES FOR THIS TIME STEP L**3/T
-----
IN: IN:
--- ---
STORAGE = 1370.5906 STORAGE = 4.2187E-03
CONSTANT HEAD = 0.0000 CONSTANT HEAD = 0.0000

```


		SECTION_B_CASE_III_5_YEARS_NOD3			
DRAINS =	0.0000	DRAINS =	0.0000	DRAINS =	0.0000
ET =	0.0000	ET =	0.0000	ET =	0.0000
RECHARGE =	120927.9453	RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL IN =	122298.5391	TOTAL IN =	4.2187E-03	TOTAL IN =	4.2187E-03
OUT:		OUT:		OUT:	
----		----		----	
STORAGE =	107002.8359	STORAGE =	4.3329E-03	STORAGE =	4.3329E-03
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	2657.0605	DRAINS =	0.0000	DRAINS =	0.0000
ET =	0.0000	ET =	0.0000	ET =	0.0000
RECHARGE =	0.0000	RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL OUT =	109659.8984	TOTAL OUT =	4.3329E-03	TOTAL OUT =	4.3329E-03
IN - OUT =	12638.6406	IN - OUT =	-1.1420E-04	IN - OUT =	-1.1420E-04
PERCENT DISCREPANCY =	10.90	PERCENT DISCREPANCY =	-2.67	PERCENT DISCREPANCY =	-2.67

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 5					
	SECONDS	MINUTES	HOURS	DAYS	YEARS

TIME STEP LENGTH	4.64178E+08	7.73630E+06	1.28938E+05	5372.4	14.709
STRESS PERIOD TIME	2.33526E+09	3.89210E+07	6.48684E+05	27029.	74.000
TOTAL TIME	4.10249E+09	6.83748E+07	1.13958E+06	47482.	130.00

1