
TITLE: Profen-Nord Böschung

WEATHER DATA SOURCES

NOTE: PRECIPITATION DATA FOR Profen SACHSEN-ANHALT
WAS ENTERED BY THE USER.

NOTE: TEMPERATURE DATA FOR Profen SACHSEN-ANHALT
WAS ENTERED BY THE USER.

NOTE: SOLAR RADIATION DATA FOR Profen SACHSEN-ANHALT
WAS ENTERED BY THE USER.

LAYER DATA 1

VALID FOR 30 YEARS

NOTE: INITIAL MOISTURE CONTENT OF THE LAYERS AND SNOW WATER WERE
COMPUTED AS NEARLY STEADY-STATE VALUES BY THE PROGRAM.

LAYER 1

TYPE 1 - VERTICAL PERCOLATION LAYER
MATERIAL TEXTURE NUMBER 309

THICKNESS	=	50.00	CM
POROSITY	=	0.4300	VOL/VOL
FIELD CAPACITY	=	0.2300	VOL/VOL
WILTING POINT	=	0.0800	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.2300	VOL/VOL
EFFECTIVE SAT. HYD. CONDUCT.	=	0.6830E-03	CM/SEC

LAYER 2

TYPE 2 - LATERAL DRAINAGE LAYER
MATERIAL TEXTURE NUMBER 313

THICKNESS	=	150.00	CM
POROSITY	=	0.4300	VOL/VOL
FIELD CAPACITY	=	0.2600	VOL/VOL
WILTING POINT	=	0.1600	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.2294	VOL/VOL
EFFECTIVE SAT. HYD. CONDUCT.	=	0.4170E-03	CM/SEC
SLOPE	=	33.00	PERCENT
DRAINAGE LENGTH	=	40.0	METERS

LAYER 3

TYPE 3 - BARRIER SOIL LINER
MATERIAL TEXTURE NUMBER 0

THICKNESS	=	50.00	CM
POROSITY	=	0.3700	VOL/VOL
FIELD CAPACITY	=	0.2900	VOL/VOL
WILTING POINT	=	0.1800	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.3700	VOL/VOL
EFFECTIVE SAT. HYD. CONDUCT.	=	0.6940E-05	CM/SEC

GENERAL DESIGN AND EVAPORATIVE ZONE DATA 1

VALID FOR 30 YEARS

NOTE: SCS RUNOFF CURVE NUMBER WAS COMPUTED FROM DEFAULT
SOIL DATA BASE USING SOIL TEXTURE # 6 WITH AN
EXCELLENT STAND OF GRASS, A SURFACE SLOPE OF 33.3%
AND A SLOPE LENGTH OF 40. METERS.

SCS RUNOFF CURVE NUMBER	=	62.46	
FRACTION OF AREA ALLOWING RUNOFF	=	100.0	PERCENT
AREA PROJECTED ON HORIZONTAL PLANE	=	1.0000	HECTARES
EVAPORATIVE ZONE DEPTH	=	150.0	CM
INITIAL WATER IN EVAPORATIVE ZONE	=	32.907	CM
UPPER LIMIT OF EVAPORATIVE STORAGE	=	64.500	CM
FIELD CAPACITY OF EVAPORATIVE ZONE	=	37.500	CM
LOWER LIMIT OF EVAPORATIVE STORAGE	=	20.000	CM
SOIL EVAPORATION ZONE DEPTH	=	52.8	CM
INITIAL SNOW WATER	=	0.000	CM
INITIAL INTERCEPTION WATER	=	0.000	CM
INITIAL WATER IN LAYER MATERIALS	=	64.407	CM
TOTAL INITIAL WATER	=	64.407	CM
TOTAL SUBSURFACE INFLOW	=	0.00	MM/YR

EVAPOTRANSPIRATION DATA 1

VALID FOR 30 YEARS

NOTE: EVAPOTRANSPIRATION DATA WAS OBTAINED FROM
Profen SACHSEN-ANHALT

STATION LATITUDE	=	51.13	DEGREES
MAXIMUM LEAF AREA INDEX	=	15.00	
START OF GROWING SEASON (JULIAN DATE)	=	90	
END OF GROWING SEASON (JULIAN DATE)	=	306	
EVAPORATIVE ZONE DEPTH	=	150.0	CM
AVERAGE ANNUAL WIND SPEED	=	11.20	KPH
AVERAGE 1ST QUARTER RELATIVE HUMIDITY	=	79.4	%
AVERAGE 2ND QUARTER RELATIVE HUMIDITY	=	73.3	%
AVERAGE 3RD QUARTER RELATIVE HUMIDITY	=	73.6	%
AVERAGE 4TH QUARTER RELATIVE HUMIDITY	=	80.7	%

MONTHLY TOTALS (MM) FOR YEAR 1

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	11.7 62.2	28.9 57.1	30.0 69.9	47.8 35.9	55.6 38.1	58.4 46.9
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	19.11 125.32	19.73 96.39	36.63 62.99	68.54 33.84	104.90 21.70	119.15 17.45
ACTUAL EVAPOTRANSPIRATION	6.85 96.54	13.74 56.60	22.31 44.40	47.73 15.39	101.56 9.37	115.58 11.50
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 1

	MM	CU. METERS	PERCENT
PRECIPITATION	542.50	5425.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	725.758	7257.584	
ACTUAL EVAPOTRANSPIRATION	541.560	5415.602	99.83
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	0.940	9.403	0.17
SOIL WATER AT START OF YEAR	644.068	6440.679	
SOIL WATER AT END OF YEAR	645.008	6450.082	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	-0.0005	-0.005	0.00

MONTHLY TOTALS (MM) FOR YEAR 2

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	60.6 17.3	33.8 115.2	38.3 30.3	59.6 30.4	46.7 16.8	64.5 24.4
RUNOFF	0.00 0.00	0.00 0.00	0.32 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	15.79 138.03	17.03 105.93	37.34 72.77	76.79 31.74	99.55 19.65	113.15 15.24
ACTUAL EVAPOTRANSPIRATION	9.84 86.94	7.35 56.95	21.04 52.70	63.90 16.37	95.47 3.53	112.71 7.38
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.025 0.000	0.023 0.000	0.005 0.000	0.003 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.349	0.000 0.000	13.804 0.000	21.716 0.000	9.645 0.000	7.475 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.001	0.000 0.000	0.033 0.000	0.054 0.000	0.023 0.000	0.018 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.003	0.000 0.000	0.049 0.000	0.018 0.000	0.010 0.000	0.007 0.000

ANNUAL TOTALS FOR YEAR 2

	MM	CU. METERS	PERCENT
PRECIPITATION	537.90	5379.001	100.00
RUNOFF	0.322	3.222	0.06
POTENTIAL EVAPOTRANSPIRATION	743.007	7430.069	
ACTUAL EVAPOTRANSPIRATION	534.168	5341.681	99.31
DRAINAGE COLLECTED FROM LAYER 2	0.0561	0.561	0.01
PERC./LEAKAGE THROUGH LAYER 3	52.988293	529.883	9.85
AVG. HEAD ON TOP OF LAYER 3	0.1069		
CHANGE IN WATER STORAGE	-49.635	-496.347	-9.23
SOIL WATER AT START OF YEAR	645.008	6450.082	
SOIL WATER AT END OF YEAR	595.374	5953.735	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00

SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 3

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	51.8 49.8	53.4 66.4	34.5 57.0	61.2 32.2	39.9 32.9	31.1 40.3
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.77 128.94	19.03 102.40	34.05 61.57	74.23 32.28	110.52 19.27	119.18 14.50
ACTUAL EVAPOTRANSPIRATION	14.66 87.71	13.05 55.02	17.36 33.78	53.48 17.41	108.88 11.40	83.11 8.44
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.007 0.000	0.003 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.150	0.000 0.000	0.000 0.000	0.152 0.000	12.527 0.000	7.567 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.029 0.000	0.019 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.002	0.000 0.000	0.000 0.000	0.001 0.000	0.009 0.000	0.009 0.000

ANNUAL TOTALS FOR YEAR 3

	MM	CU. METERS	PERCENT
PRECIPITATION	550.50	5505.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	734.739	7347.391	
ACTUAL EVAPOTRANSPIRATION	504.278	5042.783	91.60
DRAINAGE COLLECTED FROM LAYER 2	0.0104	0.104	0.00
PERC./LEAKAGE THROUGH LAYER 3	20.396841	203.968	3.71
AVG. HEAD ON TOP OF LAYER 3	0.0408		
CHANGE IN WATER STORAGE	25.815	258.146	4.69
SOIL WATER AT START OF YEAR	595.374	5953.735	
SOIL WATER AT END OF YEAR	618.727	6187.265	

INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	2.462	24.616	0.45
ANNUAL WATER BUDGET BALANCE	0.0000	0.000	0.00

MONTHLY TOTALS (MM) FOR YEAR 4

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	33.6 104.8	20.1 54.2	29.3 52.4	31.0 38.5	12.8 59.2	49.7 92.2
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.07 127.62	20.21 104.83	33.11 65.89	73.27 31.80	119.54 19.85	118.74 15.92
ACTUAL EVAPOTRANSPIRATION	8.35 81.29	10.17 67.94	15.64 41.25	47.50 10.73	117.46 16.81	77.42 9.15
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 4

	MM	CU. METERS	PERCENT
PRECIPITATION	577.80	5778.001	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	747.830	7478.303	
ACTUAL EVAPOTRANSPIRATION	503.729	5037.292	87.18
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	74.071	740.706	12.82

SOIL WATER AT START OF YEAR	618.727	6187.265	
SOIL WATER AT END OF YEAR	677.600	6775.999	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	1.354	13.544	
SNOW WATER AT START OF YEAR	2.462	24.616	0.43
SNOW WATER AT END OF YEAR	16.304	163.044	2.82
ANNUAL WATER BUDGET BALANCE	0.0003	0.003	0.00

MONTHLY TOTALS (MM) FOR YEAR 5

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	34.7 118.4	19.1 78.5	21.0 43.0	57.2 24.4	32.6 46.0	78.9 36.1
RUNOFF	0.13 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.36 129.42	17.89 101.44	38.59 61.99	65.07 32.17	104.70 21.64	114.67 17.64
ACTUAL EVAPOTRANSPIRATION	8.71 128.98	9.94 100.95	23.29 46.52	45.78 12.44	91.40 13.00	110.36 9.56
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.002 0.000	0.011 0.000	0.008 0.000	0.005 0.000	0.005 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 1.999	2.897 0.000	14.532 0.000	13.390 0.000	8.839 0.000	10.221 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.005	0.008 0.000	0.035 0.000	0.033 0.000	0.021 0.000	0.025 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.006	0.014 0.000	0.016 0.000	0.006 0.000	0.013 0.000	0.007 0.000

ANNUAL TOTALS FOR YEAR 5

	MM	CU. METERS	PERCENT
PRECIPITATION	589.90	5899.001	100.00
RUNOFF	0.132	1.325	0.02
POTENTIAL EVAPOTRANSPIRATION	722.574	7225.742	
ACTUAL EVAPOTRANSPIRATION	600.927	6009.267	101.87
DRAINAGE COLLECTED FROM LAYER 2	0.0307	0.307	0.01

PERC./LEAKAGE THROUGH LAYER 3	51.877853	518.779	8.79
AVG. HEAD ON TOP OF LAYER 3	0.1047		
CHANGE IN WATER STORAGE	-63.068	-630.680	-10.69
SOIL WATER AT START OF YEAR	677.600	6775.999	
SOIL WATER AT END OF YEAR	632.191	6321.907	
INTERCEPTION WATER AT START OF YEAR	1.354	13.544	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	16.304	163.044	2.76
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0005	0.005	0.00

MONTHLY TOTALS (MM) FOR YEAR 6

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	40.8 66.6	44.1 79.9	33.9 110.7	37.7 25.4	16.6 58.6	71.7 59.0
RUNOFF	6.00 0.00	0.43 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.03
POTENTIAL EVAPOTRANSPIRATION	15.73 116.70	19.71 107.95	39.02 65.14	76.84 28.55	117.01 19.88	114.41 15.94
ACTUAL EVAPOTRANSPIRATION	10.43 72.59	11.29 66.03	21.81 47.60	59.95 9.91	105.72 8.89	109.01 8.95
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.004 0.000	0.001 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.065 0.000	7.717 0.000	3.956 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.018 0.000	0.010 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.001 0.000	0.012 0.000	0.007 0.000

ANNUAL TOTALS FOR YEAR 6

	MM	CU. METERS	PERCENT
PRECIPITATION	645.00	6450.002	100.00
RUNOFF	6.462	64.616	1.00
POTENTIAL EVAPOTRANSPIRATION	736.905	7369.049	

ACTUAL EVAPOTRANSPIRATION	532.188	5321.882	82.51
DRAINAGE COLLECTED FROM LAYER 2	0.0045	0.045	0.00
PERC./LEAKAGE THROUGH LAYER 3	11.738286	117.383	1.82
AVG. HEAD ON TOP OF LAYER 3	0.0234		
CHANGE IN WATER STORAGE	94.607	946.072	14.67
SOIL WATER AT START OF YEAR	632.191	6321.907	
SOIL WATER AT END OF YEAR	725.409	7254.094	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	1.388	13.885	0.22
ANNUAL WATER BUDGET BALANCE	0.0005	0.005	0.00

MONTHLY TOTALS (MM) FOR YEAR 7

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	20.8 88.5	22.6 30.1	50.2 58.0	45.9 35.7	31.1 72.6	43.7 68.1
RUNOFF	0.00 0.00	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.82 120.14	17.47 111.11	39.33 64.83	71.71 30.28	110.02 18.72	115.31 17.36
ACTUAL EVAPOTRANSPIRATION	7.38 117.14	8.27 59.99	23.44 34.94	44.86 16.72	89.37 14.75	98.40 14.88
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.016 0.000	0.010 0.000	0.041 0.000	0.020 0.000	0.006 0.000	0.001 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	12.848 0.000	14.635 0.000	25.244 0.000	20.463 0.000	11.985 0.000	4.405 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.030 0.000	0.038 0.000	0.060 0.000	0.050 0.000	0.028 0.000	0.011 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.035 0.000	0.008 0.000	0.043 0.000	0.015 0.000	0.003 0.000	0.007 0.000

ANNUAL TOTALS FOR YEAR 7

MM	CU. METERS	PERCENT
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PRECIPITATION	567.30	5673.001	100.00
RUNOFF	0.652	6.520	0.11
POTENTIAL EVAPOTRANSPIRATION	734.104	7341.041	
ACTUAL EVAPOTRANSPIRATION	530.142	5301.416	93.45
DRAINAGE COLLECTED FROM LAYER 2	0.0941	0.941	0.02
PERC./LEAKAGE THROUGH LAYER 3	89.578453	895.785	15.79
AVG. HEAD ON TOP OF LAYER 3	0.1815		
CHANGE IN WATER STORAGE	-53.166	-531.657	-9.37
SOIL WATER AT START OF YEAR	725.409	7254.094	
SOIL WATER AT END OF YEAR	672.029	6720.295	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	1.603	16.026	
SNOW WATER AT START OF YEAR	1.388	13.885	0.24
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	-0.0002	-0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 8

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	27.5 32.8	15.6 84.3	45.6 59.9	47.8 45.9	32.5 62.5	51.2 32.9
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.02
POTENTIAL EVAPOTRANSPIRATION	20.44 128.58	21.14 100.70	38.09 63.64	79.26 31.56	107.44 19.00	124.45 14.48
ACTUAL EVAPOTRANSPIRATION	11.55 118.94	10.83 56.41	23.34 42.63	57.62 17.43	98.99 11.46	64.10 8.75
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.008 0.000	0.004 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.579	0.000 0.000	0.000 0.000	1.161 0.000	13.809 0.000	8.600 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.001	0.000 0.000	0.000 0.000	0.003 0.000	0.033 0.000	0.021 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.003	0.000 0.000	0.000 0.000	0.005 0.000	0.007 0.000	0.009 0.000

ANNUAL TOTALS FOR YEAR 8			
	MM	CU. METERS	PERCENT
PRECIPITATION	538.50	5385.002	100.00
RUNOFF	0.017	0.174	0.00
POTENTIAL EVAPOTRANSPIRATION	748.795	7487.953	
ACTUAL EVAPOTRANSPIRATION	522.036	5220.359	96.94
DRAINAGE COLLECTED FROM LAYER 2	0.0126	0.126	0.00
PERC./LEAKAGE THROUGH LAYER 3	24.149017	241.490	4.48
AVG. HEAD ON TOP OF LAYER 3	0.0482		
CHANGE IN WATER STORAGE	-7.715	-77.149	-1.43
SOIL WATER AT START OF YEAR	672.029	6720.295	
SOIL WATER AT END OF YEAR	665.882	6658.819	
INTERCEPTION WATER AT START OF YEAR	1.603	16.026	
INTERCEPTION WATER AT END OF YEAR	0.035	0.353	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 9						
	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	34.5 75.2	33.3 91.1	19.5 17.2	44.0 18.2	26.5 4.5	45.4 51.0
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.13 117.91	17.06 106.40	40.31 72.56	71.69 33.68	106.65 18.95	115.16 14.75
ACTUAL EVAPOTRANSPIRATION	10.51 81.74	10.97 63.38	20.31 51.71	51.75 13.37	96.31 2.40	109.03 9.88
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.004 0.000	0.005 0.000	0.001 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	1.611 0.000	8.936 0.000	10.553 0.000	3.376 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)						
AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.004 0.000	0.022 0.000	0.025 0.000	0.008 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.007 0.000	0.002 0.000	0.005 0.000	0.006 0.000

ANNUAL TOTALS FOR YEAR 9

	MM	CU. METERS	PERCENT
PRECIPITATION	460.40	4604.002	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	733.253	7332.527	
ACTUAL EVAPOTRANSPIRATION	521.358	5213.577	113.24
DRAINAGE COLLECTED FROM LAYER 2	0.0097	0.097	0.00
PERC./LEAKAGE THROUGH LAYER 3	24.475830	244.758	5.32
AVG. HEAD ON TOP OF LAYER 3	0.0493		
CHANGE IN WATER STORAGE	-85.443	-854.432	-18.56
SOIL WATER AT START OF YEAR	665.882	6658.819	
SOIL WATER AT END OF YEAR	568.528	5685.278	
INTERCEPTION WATER AT START OF YEAR	0.035	0.353	
INTERCEPTION WATER AT END OF YEAR	1.826	18.256	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	10.121	101.205	2.20
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 10

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	9.0 61.2	22.8 57.8	46.0 44.1	26.6 18.4	53.2 28.5	50.5 38.2
RUNOFF	0.03 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.80 123.39	19.19 105.43	39.19 68.17	73.15 31.55	106.68 17.98	127.98 15.01
ACTUAL EVAPOTRANSPIRATION	9.47 61.40	11.28 53.89	25.47 36.76	49.19 9.14	80.40 8.61	83.04 11.91
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
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STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 10

	MM	CU. METERS	PERCENT
PRECIPITATION	456.30	4563.002	100.00
RUNOFF	0.026	0.259	0.01
POTENTIAL EVAPOTRANSPIRATION	746.533	7465.326	
ACTUAL EVAPOTRANSPIRATION	440.562	4405.617	96.55
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	15.712	157.125	3.44
SOIL WATER AT START OF YEAR	568.528	5685.278	
SOIL WATER AT END OF YEAR	596.186	5961.864	
INTERCEPTION WATER AT START OF YEAR	1.826	18.256	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	10.121	101.205	2.22
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 11

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	20.1 68.2	12.6 14.4	23.1 63.5	46.2 49.5	92.3 53.9	39.2 42.7
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.39 123.68	17.61 109.09	44.33 64.05	77.56 29.18	107.08 20.57	116.57 15.60
ACTUAL EVAPOTRANSPIRATION	10.80 105.16	8.51 18.81	25.51 25.80	43.97 17.49	93.99 11.10	89.18 7.45
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.000	0.000
TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 11

	MM	CU. METERS	PERCENT
PRECIPITATION	525.70	5257.002	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	743.715	7437.151	
ACTUAL EVAPOTRANSPIRATION	457.785	4577.854	87.08
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	67.915	679.147	12.92
SOIL WATER AT START OF YEAR	596.186	5961.864	
SOIL WATER AT END OF YEAR	664.101	6641.011	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 12

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	20.3 38.4	18.9 48.2	54.1 38.0	13.2 14.9	122.9 43.0	72.3 23.5
RUNOFF	0.00 0.00	1.64 0.00	1.68 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	15.34 127.89	16.67 107.90	35.79 65.23	79.00 25.59	111.54 21.56	127.55 16.88
ACTUAL EVAPOTRANSPIRATION	5.15 125.97	6.84 37.37	22.26 22.30	43.65 7.78	108.35 13.32	127.54 11.05
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.001 0.000	0.009 0.000	0.003 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	1.529 0.000	14.699 0.000	6.903 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.004	0.035	0.017
TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.008	0.005	0.008
HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 12

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	507.70	5077.000	100.00
RUNOFF	3.316	33.156	0.65
POTENTIAL EVAPOTRANSPIRATION	750.943	7509.433	
ACTUAL EVAPOTRANSPIRATION	531.570	5315.704	104.70
DRAINAGE COLLECTED FROM LAYER 2	0.0124	0.124	0.00
PERC./LEAKAGE THROUGH LAYER 3	23.131289	231.313	4.56
AVG. HEAD ON TOP OF LAYER 3	0.0463		
CHANGE IN WATER STORAGE	-50.330	-503.299	-9.91
SOIL WATER AT START OF YEAR	664.101	6641.011	
SOIL WATER AT END OF YEAR	613.771	6137.712	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 13

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	23.2 26.5	15.2 56.8	51.5 51.9	27.7 23.8	35.9 29.2	57.4 37.8
RUNOFF	0.00 0.00	0.37 0.00	5.65 0.00	0.00 0.00	0.00 0.00	0.00 3.72
POTENTIAL EVAPOTRANSPIRATION	17.53 130.25	15.94 105.50	43.80 69.47	74.31 31.90	103.21 17.78	122.52 17.31
ACTUAL EVAPOTRANSPIRATION	7.75 48.49	3.81 41.58	17.81 40.49	48.80 11.65	101.09 10.70	100.26 6.85

LATERAL DRAINAGE COLLECTED	0.000	0.000	0.000	0.000	0.000	0.000
FROM LAYER 2	0.000	0.000	0.000	0.000	0.000	0.000
PERCOLATION/LEAKAGE THROUGH	0.000	0.000	0.000	0.000	0.000	0.000
LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.000	0.000
TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 13

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	436.90	4369.000	100.00
RUNOFF	9.738	97.383	2.23
POTENTIAL EVAPOTRANSPIRATION	749.523	7495.232	
ACTUAL EVAPOTRANSPIRATION	439.283	4392.833	100.55
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-12.121	-121.214	-2.77
SOIL WATER AT START OF YEAR	613.771	6137.712	
SOIL WATER AT END OF YEAR	601.650	6016.498	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.000	0.00

MONTHLY TOTALS (MM) FOR YEAR 14

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	24.4	28.0	31.3	23.9	47.2	77.3
	72.0	86.9	67.5	21.5	101.9	42.5
RUNOFF	0.00	0.05	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
POTENTIAL EVAPOTRANSPIRATION	15.06	20.01	37.26	78.07	104.65	119.13

	121.38	102.42	66.33	31.27	17.17	16.99
ACTUAL EVAPOTRANSPIRATION	7.36	10.60	20.93	49.76	94.39	102.56
	69.95	69.46	50.93	12.97	14.05	14.45
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 14

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	624.40	6244.001	100.00
RUNOFF	0.050	0.500	0.01
POTENTIAL EVAPOTRANSPIRATION	729.756	7297.563	
ACTUAL EVAPOTRANSPIRATION	517.405	5174.052	82.86
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	106.945	1069.448	17.13
SOIL WATER AT START OF YEAR	601.650	6016.498	
SOIL WATER AT END OF YEAR	707.006	7070.060	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.725	7.252	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.863	8.634	0.14
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 15

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	51.0	42.4	38.4	50.8	30.5	76.0
	13.5	53.0	25.8	33.9	32.5	36.7

RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.83 136.65	16.90 101.66	38.91 72.21	73.66 31.17	112.38 19.04	119.73 17.05
ACTUAL EVAPOTRANSPIRATION	7.71 74.52	9.49 40.03	26.24 29.60	65.29 11.09	97.21 12.54	114.01 11.89
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.001 0.000	0.057 0.000	0.071 0.000	0.010 0.000	0.006 0.000	0.003 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	1.437 0.173	29.235 0.000	36.846 0.000	14.452 0.000	11.819 0.000	7.609 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.004 0.000	0.077 0.000	0.088 0.000	0.035 0.000	0.028 0.000	0.019 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.009 0.002	0.047 0.000	0.043 0.000	0.013 0.000	0.006 0.000	0.009 0.000

ANNUAL TOTALS FOR YEAR 15

	MM	CU. METERS	PERCENT
PRECIPITATION	484.50	4845.004	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	756.203	7562.028	
ACTUAL EVAPOTRANSPIRATION	499.621	4996.213	103.12
DRAINAGE COLLECTED FROM LAYER 2	0.1494	1.494	0.03
PERC./LEAKAGE THROUGH LAYER 3	101.572105	1015.721	20.96
AVG. HEAD ON TOP OF LAYER 3	0.2102		
CHANGE IN WATER STORAGE	-116.843	-1168.429	-24.12
SOIL WATER AT START OF YEAR	707.006	7070.060	
SOIL WATER AT END OF YEAR	590.597	5905.969	
INTERCEPTION WATER AT START OF YEAR	0.725	7.252	
INTERCEPTION WATER AT END OF YEAR	1.155	11.547	
SNOW WATER AT START OF YEAR	0.863	8.634	0.18
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0005	0.005	0.00

MONTHLY TOTALS (MM) FOR YEAR 16

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	19.8 70.7	21.2 84.2	55.5 28.2	75.1 35.0	89.0 15.5	58.1 54.5
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.58 118.06	17.65 97.62	41.65 65.73	79.79 29.54	105.52 18.47	122.02 17.26
ACTUAL EVAPOTRANSPIRATION	8.04 114.96	7.17 70.77	20.67 42.89	59.56 11.76	103.64 7.66	119.22 11.39
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 16

	MM	CU. METERS	PERCENT
PRECIPITATION	606.80	6068.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	730.869	7308.693	
ACTUAL EVAPOTRANSPIRATION	577.723	5777.231	95.21
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	29.077	290.767	4.79
SOIL WATER AT START OF YEAR	590.597	5905.969	
SOIL WATER AT END OF YEAR	619.633	6196.335	
INTERCEPTION WATER AT START OF YEAR	1.155	11.547	
INTERCEPTION WATER AT END OF YEAR	1.195	11.949	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 17

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	30.4 32.4	42.7 42.9	15.9 40.1	35.8 25.4	100.8 53.1	51.5 45.8
RUNOFF	0.00 0.00	1.68 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.86 129.57	17.60 111.61	45.68 68.38	72.57 37.20	107.34 17.26	120.11 16.63
ACTUAL EVAPOTRANSPIRATION	8.58 95.78	12.83 41.27	19.64 37.16	48.16 12.67	105.85 13.57	120.09 8.70
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 17

	MM	CU. METERS	PERCENT
PRECIPITATION	516.80	5168.000	100.00
RUNOFF	1.684	16.841	0.33
POTENTIAL EVAPOTRANSPIRATION	760.793	7607.933	
ACTUAL EVAPOTRANSPIRATION	524.297	5242.974	101.45
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-9.182	-91.819	-1.78
SOIL WATER AT START OF YEAR	619.633	6196.335	
SOIL WATER AT END OF YEAR	611.647	6116.465	
INTERCEPTION WATER AT START OF YEAR	1.195	11.949	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0003	0.003	0.00

MONTHLY TOTALS (MM) FOR YEAR 18

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	49.2 56.7	6.8 45.7	49.1 49.6	34.2 59.7	52.7 69.8	77.7 20.4
RUNOFF	0.00 0.00	0.00 0.00	1.68 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.61 123.49	14.59 108.50	39.51 71.81	66.73 33.30	108.80 21.22	119.90 15.76
ACTUAL EVAPOTRANSPIRATION	10.19 113.93	4.32 56.02	20.97 36.71	34.81 14.55	102.41 16.70	119.41 8.38
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 18

	MM	CU. METERS	PERCENT
PRECIPITATION	571.60	5716.000	100.00
RUNOFF	1.675	16.753	0.29
POTENTIAL EVAPOTRANSPIRATION	742.235	7422.354	
ACTUAL EVAPOTRANSPIRATION	538.415	5384.155	94.19
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	31.509	315.092	5.51
SOIL WATER AT START OF YEAR	611.647	6116.465	
SOIL WATER AT END OF YEAR	643.156	6431.557	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00

SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 19						
	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	27.1 36.1	18.3 11.8	51.8 52.8	62.2 48.2	65.3 24.6	63.8 67.5
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.95 117.36	17.35 109.06	36.64 66.68	74.45 28.98	101.39 18.48	114.16 15.87
ACTUAL EVAPOTRANSPIRATION	5.48 114.27	7.98 27.72	22.44 30.63	56.03 15.97	101.37 9.08	114.14 11.33
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.001	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.004 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 2.410	0.000 0.000	0.000 0.000	0.045 0.000	1.071 0.000	8.686 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)						
AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.006	0.000 0.000	0.000 0.000	0.000 0.000	0.003 0.000	0.022 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.006	0.000 0.000	0.000 0.000	0.001 0.000	0.004 0.000	0.009 0.000

ANNUAL TOTALS FOR YEAR 19			
	MM	CU. METERS	PERCENT
PRECIPITATION	529.50	5295.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	718.369	7183.687	
ACTUAL EVAPOTRANSPIRATION	516.451	5164.511	97.54
DRAINAGE COLLECTED FROM LAYER 2	0.0046	0.046	0.00
PERC./LEAKAGE THROUGH LAYER 3	12.212410	122.124	2.31
AVG. HEAD ON TOP OF LAYER 3	0.0251		
CHANGE IN WATER STORAGE	0.832	8.320	0.16
SOIL WATER AT START OF YEAR	643.156	6431.557	
SOIL WATER AT END OF YEAR	643.581	6435.813	

INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.406	4.064	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 20

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	36.4 101.5	35.2 34.7	44.1 75.5	67.0 53.7	28.6 29.3	67.5 35.9
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.56 129.57	18.53 115.35	35.80 72.84	77.33 31.87	110.37 17.76	123.25 18.57
ACTUAL EVAPOTRANSPIRATION	11.07 111.20	9.80 57.75	20.54 33.36	59.82 23.07	104.08 9.67	120.04 8.09
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.010 0.000	0.021 0.000	0.006 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 1.345	0.000 0.000	0.000 0.000	11.284 0.000	20.623 0.000	10.932 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.003	0.000 0.000	0.000 0.000	0.028 0.000	0.049 0.000	0.027 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.005	0.000 0.000	0.000 0.000	0.025 0.000	0.019 0.000	0.011 0.000

ANNUAL TOTALS FOR YEAR 20

	MM	CU. METERS	PERCENT
PRECIPITATION	609.40	6094.003	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	768.811	7688.110	
ACTUAL EVAPOTRANSPIRATION	568.482	5684.824	93.29
DRAINAGE COLLECTED FROM LAYER 2	0.0369	0.369	0.01
PERC./LEAKAGE THROUGH LAYER 3	44.183800	441.838	7.25
AVG. HEAD ON TOP OF LAYER 3	0.0891		
CHANGE IN WATER STORAGE	-3.303	-33.033	-0.54

SOIL WATER AT START OF YEAR	643.581	6435.813	
SOIL WATER AT END OF YEAR	640.684	6406.844	
INTERCEPTION WATER AT START OF YEAR	0.406	4.064	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0004	0.004	0.00

MONTHLY TOTALS (MM) FOR YEAR 21

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	29.9 35.8	24.7 45.5	39.1 45.4	64.3 4.3	44.2 70.3	93.9 64.7
RUNOFF	0.00 0.00	0.02 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.73 124.71	17.21 111.42	40.92 69.66	71.10 34.63	107.02 20.22	110.34 16.33
ACTUAL EVAPOTRANSPIRATION	10.79 123.81	8.15 78.16	21.43 36.79	46.57 7.57	81.48 17.03	110.23 5.24
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.002	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.007 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 5.133	0.000 0.000	0.000 0.000	0.000 0.000	0.413 0.000	12.429 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.012	0.000 0.000	0.000 0.000	0.000 0.000	0.001 0.000	0.031 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.007	0.000 0.000	0.000 0.000	0.000 0.000	0.003 0.000	0.007 0.000

ANNUAL TOTALS FOR YEAR 21

	MM	CU. METERS	PERCENT
PRECIPITATION	562.10	5621.001	100.00
RUNOFF	0.024	0.244	0.00
POTENTIAL EVAPOTRANSPIRATION	742.288	7422.885	
ACTUAL EVAPOTRANSPIRATION	547.260	5472.604	97.36
DRAINAGE COLLECTED FROM LAYER 2	0.0087	0.087	0.00

PERC./LEAKAGE THROUGH LAYER 3	17.974699	179.747	3.20
AVG. HEAD ON TOP OF LAYER 3	0.0365		
CHANGE IN WATER STORAGE	-3.168	-31.682	-0.56
SOIL WATER AT START OF YEAR	640.684	6406.844	
SOIL WATER AT END OF YEAR	637.516	6375.162	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 22

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	45.1 49.8	26.3 58.0	25.5 105.2	51.3 18.6	42.6 8.1	69.6 28.2
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.12 116.05	17.72 111.25	38.56 66.66	71.38 32.59	106.53 19.19	113.25 15.31
ACTUAL EVAPOTRANSPIRATION	14.43 111.30	9.73 54.22	17.51 48.77	46.50 12.81	106.51 4.21	112.99 8.84
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.001 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.126 0.000	3.832 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.009 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.001 0.000	0.006 0.000

ANNUAL TOTALS FOR YEAR 22

	MM	CU. METERS	PERCENT
PRECIPITATION	528.30	5282.999	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	726.607	7266.069	

ACTUAL EVAPOTRANSPIRATION	547.807	5478.074	103.69
DRAINAGE COLLECTED FROM LAYER 2	0.0009	0.009	0.00
PERC./LEAKAGE THROUGH LAYER 3	3.957573	39.576	0.75
AVG. HEAD ON TOP OF LAYER 3	0.0082		
CHANGE IN WATER STORAGE	-23.466	-234.662	-4.44
SOIL WATER AT START OF YEAR	637.516	6375.162	
SOIL WATER AT END OF YEAR	614.050	6140.500	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 23

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	18.8 66.3	6.5 18.3	37.2 26.1	29.1 41.0	26.7 3.2	74.1 52.3
RUNOFF	0.02 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.79 109.24	20.31 105.63	40.91 72.57	66.77 32.63	112.12 20.08	116.60 17.95
ACTUAL EVAPOTRANSPIRATION	8.44 70.82	6.26 36.33	21.25 22.92	37.29 14.76	99.15 1.91	94.13 12.79
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 23

MM	CU. METERS	PERCENT
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PRECIPITATION	399.60	3996.001	100.00
RUNOFF	0.020	0.201	0.01
POTENTIAL EVAPOTRANSPIRATION	732.598	7325.976	
ACTUAL EVAPOTRANSPIRATION	426.037	4260.370	106.62
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-26.457	-264.571	-6.62
SOIL WATER AT START OF YEAR	614.050	6140.500	
SOIL WATER AT END OF YEAR	584.038	5840.381	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.265	2.651	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	3.290	32.896	0.82
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 24

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	26.0 38.1	35.6 41.7	66.8 26.6	33.5 47.6	52.4 27.4	65.8 52.0
RUNOFF	0.00 0.00	1.31 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.10 128.32	17.74 110.35	39.20 71.90	70.82 28.95	110.51 18.16	134.07 16.47
ACTUAL EVAPOTRANSPIRATION	11.85 70.02	9.22 29.27	22.88 29.99	38.93 11.10	96.00 8.64	132.79 13.17
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 24

	MM	CU. METERS	PERCENT
PRECIPITATION	513.50	5135.001	100.00
RUNOFF	1.310	13.098	0.26
POTENTIAL EVAPOTRANSPIRATION	762.593	7625.930	
ACTUAL EVAPOTRANSPIRATION	473.859	4738.592	92.28
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	38.331	383.311	7.46
SOIL WATER AT START OF YEAR	584.038	5840.381	
SOIL WATER AT END OF YEAR	624.092	6240.922	
INTERCEPTION WATER AT START OF YEAR	0.265	2.651	
INTERCEPTION WATER AT END OF YEAR	1.832	18.317	
SNOW WATER AT START OF YEAR	3.290	32.896	0.64
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 25

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	43.1 102.2	24.6 47.1	21.6 37.8	26.4 49.4	37.5 44.3	36.5 28.8
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 1.57
POTENTIAL EVAPOTRANSPIRATION	18.22 123.07	17.89 111.24	38.29 67.64	75.94 28.66	99.63 19.47	126.46 14.66
ACTUAL EVAPOTRANSPIRATION	13.42 80.31	7.66 65.01	18.00 27.64	48.96 17.40	99.62 12.08	105.54 7.04
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 25

	MM	CU. METERS	PERCENT
PRECIPITATION	499.30	4993.000	100.00
RUNOFF	1.567	15.671	0.31
POTENTIAL EVAPOTRANSPIRATION	741.168	7411.680	
ACTUAL EVAPOTRANSPIRATION	502.685	5026.850	100.68
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-4.952	-49.522	-0.99
SOIL WATER AT START OF YEAR	624.092	6240.922	
SOIL WATER AT END OF YEAR	620.972	6209.717	
INTERCEPTION WATER AT START OF YEAR	1.832	18.317	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 26

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	15.7 43.1	32.7 62.8	17.0 34.5	9.7 24.0	51.4 28.1	37.6 38.0
RUNOFF	0.00 0.00	0.21 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.20 125.15	20.73 104.42	40.80 68.66	79.35 32.96	106.22 20.16	129.45 16.96
ACTUAL EVAPOTRANSPIRATION	7.85 22.70	10.09 59.64	19.03 38.91	42.98 13.02	85.74 8.28	101.94 7.64
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
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STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 26

	MM	CU. METERS	PERCENT
PRECIPITATION	394.60	3946.001	100.00
RUNOFF	0.211	2.107	0.05
POTENTIAL EVAPOTRANSPIRATION	761.057	7610.569	
ACTUAL EVAPOTRANSPIRATION	417.818	4178.183	105.88
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-23.429	-234.289	-5.94
SOIL WATER AT START OF YEAR	620.972	6209.717	
SOIL WATER AT END OF YEAR	596.645	5966.450	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.898	8.978	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.000	0.00

MONTHLY TOTALS (MM) FOR YEAR 27

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	25.4 88.4	27.0 20.9	26.3 39.8	46.0 21.9	27.6 17.8	70.5 21.0
RUNOFF	0.00 0.00	3.26 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	20.55 127.62	16.85 108.81	37.10 68.49	80.76 30.79	104.78 19.43	117.39 20.42
ACTUAL EVAPOTRANSPIRATION	12.94 60.75	3.79 61.12	17.41 26.21	64.57 11.58	84.21 5.19	102.08 8.22
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 27

	MM	CU. METERS	PERCENT
PRECIPITATION	432.60	4326.002	100.00
RUNOFF	3.260	32.598	0.75
POTENTIAL EVAPOTRANSPIRATION	752.992	7529.922	
ACTUAL EVAPOTRANSPIRATION	458.062	4580.621	105.89
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-28.722	-287.220	-6.64
SOIL WATER AT START OF YEAR	596.645	5966.450	
SOIL WATER AT END OF YEAR	568.821	5688.208	
INTERCEPTION WATER AT START OF YEAR	0.898	8.978	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0003	0.003	0.00

MONTHLY TOTALS (MM) FOR YEAR 28

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	44.7 34.0	27.9 63.5	10.3 33.1	43.3 33.0	94.8 35.6	86.9 45.1
RUNOFF	0.46 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 1.33
POTENTIAL EVAPOTRANSPIRATION	17.22 128.21	19.56 101.36	33.10 69.60	68.19 27.04	96.89 18.00	117.78 15.00
ACTUAL EVAPOTRANSPIRATION	11.16 104.67	13.34 56.90	18.29 28.13	47.07 13.70	84.45 7.49	110.40 12.76
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.000	0.000
TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 28

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	552.20	5522.001	100.00
RUNOFF	1.792	17.922	0.32
POTENTIAL EVAPOTRANSPIRATION	711.940	7119.405	
ACTUAL EVAPOTRANSPIRATION	508.368	5083.683	92.06
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	42.039	420.393	7.61
SOIL WATER AT START OF YEAR	568.821	5688.208	
SOIL WATER AT END OF YEAR	609.005	6090.051	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	1.855	18.550	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0004	0.004	0.00

MONTHLY TOTALS (MM) FOR YEAR 29

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	60.9 66.2	16.2 41.9	64.2 34.2	80.9 43.3	43.2 34.2	57.2 73.3
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.44 123.82	18.17 107.91	39.35 72.07	65.68 31.15	110.64 16.78	127.93 15.76
ACTUAL EVAPOTRANSPIRATION	11.82 121.32	9.43 59.72	27.06 22.40	47.39 15.92	106.49 11.75	105.41 7.97

LATERAL DRAINAGE COLLECTED	0.000	0.000	0.000	0.000	0.013	0.011
FROM LAYER 2	0.001	0.000	0.000	0.000	0.000	0.000
PERCOLATION/LEAKAGE THROUGH	0.000	0.000	0.000	0.182	12.789	15.228
LAYER 3	4.372	0.000	0.000	0.000	0.000	0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.030	0.037
TOP OF LAYER 3	0.010	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.001	0.028	0.008
HEAD ON TOP OF LAYER 3	0.007	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 29

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	615.70	6157.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	745.714	7457.145	
ACTUAL EVAPOTRANSPIRATION	546.676	5466.756	88.79
DRAINAGE COLLECTED FROM LAYER 2	0.0245	0.245	0.00
PERC./LEAKAGE THROUGH LAYER 3	32.571980	325.720	5.29
AVG. HEAD ON TOP OF LAYER 3	0.0654		
CHANGE IN WATER STORAGE	36.428	364.280	5.92
SOIL WATER AT START OF YEAR	609.005	6090.051	
SOIL WATER AT END OF YEAR	640.477	6404.773	
INTERCEPTION WATER AT START OF YEAR	1.855	18.550	
INTERCEPTION WATER AT END OF YEAR	0.638	6.383	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	6.172	61.723	1.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.000	0.00

MONTHLY TOTALS (MM) FOR YEAR 30

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	48.2	20.8	47.0	37.6	52.0	78.3
	39.1	77.8	11.1	56.9	48.4	24.1
RUNOFF	0.00	0.07	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
POTENTIAL EVAPOTRANSPIRATION	17.04	17.17	42.41	79.50	104.51	115.69

	116.30	101.25	70.93	31.86	18.19	18.26
ACTUAL EVAPOTRANSPIRATION	12.91 104.71	6.04 43.58	22.44 35.49	58.48 16.64	95.07 12.60	114.94 9.77
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.014 0.000	0.004 0.000	0.002 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.243 0.000	17.318 0.000	9.703 0.000	6.579 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.001 0.000	0.043 0.000	0.023 0.000	0.016 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.002 0.000	0.008 0.000	0.007 0.000	0.008 0.000

ANNUAL TOTALS FOR YEAR 30

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	541.30	5413.001	100.00
RUNOFF	0.071	0.712	0.01
POTENTIAL EVAPOTRANSPIRATION	733.107	7331.074	
ACTUAL EVAPOTRANSPIRATION	532.664	5326.645	98.40
DRAINAGE COLLECTED FROM LAYER 2	0.0204	0.204	0.00
PERC./LEAKAGE THROUGH LAYER 3	33.841938	338.419	6.25
AVG. HEAD ON TOP OF LAYER 3	0.0684		
CHANGE IN WATER STORAGE	-25.298	-252.981	-4.67
SOIL WATER AT START OF YEAR	640.477	6404.773	
SOIL WATER AT END OF YEAR	621.990	6219.899	
INTERCEPTION WATER AT START OF YEAR	0.638	6.383	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	6.172	61.723	1.14
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

FINAL WATER STORAGE AT END OF YEAR 30

LAYER	(CM)	(VOL/VOL)
1	11.5000	0.2300
2	32.1990	0.2147

3	18.5000	0.3700
TOTAL WATER IN LAYERS	62.199	
SNOW WATER	0.000	
INTERCEPTION WATER	0.000	
TOTAL FINAL WATER	62.199	

PEAK DAILY VALUES FOR YEARS		1 THROUGH	30
		(MM)	(CU. METERS)
PRECIPITATION		43.30	433.000
RUNOFF		6.003	60.0328
DRAINAGE COLLECTED FROM LAYER	2	0.00831	0.08307
PERCOLATION/LEAKAGE THROUGH LAYER	3	2.452774	24.52774
AVERAGE HEAD ON TOP OF LAYER	3	1.925	
MAXIMUM HEAD ON TOP OF LAYER	3	3.219	
LOCATION OF MAXIMUM HEAD IN LAYER	2		
(DISTANCE FROM DRAIN)		0.0 METERS	
SNOW WATER		40.01	400.1205
MAXIMUM VEG. SOIL WATER (VOL/VOL)			0.2870
MINIMUM VEG. SOIL WATER (VOL/VOL)			0.1333

*** Maximum heads are computed using McEnroe's equations. ***

Reference: Maximum Saturated Depth over Landfill Liner
by Bruce M. McEnroe, University of Kansas
ASCE Journal of Environmental Engineering
Vol. 119, No. 2, March 1993, pp. 262-270.

AVERAGE MONTHLY VALUES (MM) FOR YEARS		1 THROUGH	30				
		JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION							
TOTALS		32.82 58.53	25.91 55.69	37.27 47.64	43.90 33.69	49.50 39.66	61.88 44.13
STD. DEVIATIONS		14.04 27.22	10.98 24.54	14.71 22.64	17.23 13.75	26.27 22.55	15.88 17.09
RUNOFF							
TOTALS		0.221 0.000	0.323 0.000	0.311 0.000	0.000 0.000	0.000 0.000	0.000 0.222
STD. DEVIATIONS		1.095 0.000	0.732 0.000	1.096 0.000	0.000 0.000	0.000 0.000	0.000 0.756

POTENTIAL EVAPOTRANSPIRATION						
TOTALS	17.572 124.549	18.156 106.165	38.855 68.016	73.785 31.290	107.272 19.188	119.869 16.445
STD. DEVIATIONS	1.336 6.265	1.516 4.536	3.016 3.463	4.573 2.324	4.844 1.338	5.678 1.374
ACTUAL EVAPOTRANSPIRATION						
TOTALS	9.849 92.597	9.065 54.728	21.211 36.648	50.345 13.747	97.888 10.260	105.989 9.781
STD. DEVIATIONS	2.480 26.013	2.659 16.389	2.828 9.021	7.979 3.375	8.852 4.067	15.070 2.384
LATERAL DRAINAGE COLLECTED FROM LAYER 2						
TOTALS	0.0006 0.0001	0.0023 0.0000	0.0050 0.0000	0.0030 0.0000	0.0031 0.0000	0.0018 0.0000
STD. DEVIATIONS	0.0029 0.0004	0.0106 0.0000	0.0153 0.0000	0.0063 0.0000	0.0048 0.0000	0.0026 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3						
TOTALS	0.4762 0.5503	1.5589 0.0000	3.0760 0.0000	3.6898 0.0000	4.8773 0.0000	3.9266 0.0000
STD. DEVIATIONS	2.3514 1.2931	5.8850 0.0000	8.5408 0.0000	6.9004 0.0000	6.3240 0.0000	4.6250 0.0000

AVERAGES OF MONTHLY AVERAGED DAILY HEADS (CM)						

DAILY AVERAGE HEAD ON TOP OF LAYER 3						
AVERAGES	0.0011 0.0013	0.0041 0.0000	0.0073 0.0000	0.0091 0.0000	0.0115 0.0000	0.0097 0.0000
STD. DEVIATIONS	0.0055 0.0031	0.0155 0.0000	0.0204 0.0000	0.0170 0.0000	0.0150 0.0000	0.0114 0.0000

AVERAGE ANNUAL TOTALS & (STD. DEVIATIONS) FOR YEARS 1 THROUGH 30						

	MM		CU. METERS		PERCENT	
	-----	-----	-----	-----	-----	-----
PRECIPITATION	530.62	(64.533)	5306.2		100.00	
RUNOFF	1.078	(2.1734)	10.78		0.203	
POTENTIAL EVAPOTRANSPIRATION	741.159	(13.6626)	7411.59			
ACTUAL EVAPOTRANSPIRATION	512.107	(44.5194)	5121.07		96.511	
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.01586	(0.03254)	0.159		0.00299	
PERCOLATION/LEAKAGE THROUGH LAYER 3	18.15501	(26.82611)	181.550		3.42147	
AVERAGE HEAD ON TOP OF LAYER 3	0.037	(0.055)				
CHANGE IN WATER STORAGE	-0.736	(1.9907)	-7.36		-0.139	

TITLE: Profen-Nord Plateau

WEATHER DATA SOURCES

NOTE: PRECIPITATION DATA FOR Profen SACHSEN-ANHALT
WAS ENTERED BY THE USER.

NOTE: TEMPERATURE DATA FOR Profen SACHSEN-ANHALT
WAS ENTERED BY THE USER.

NOTE: SOLAR RADIATION DATA FOR Profen SACHSEN-ANHALT
WAS ENTERED BY THE USER.

LAYER DATA 1

VALID FOR 30 YEARS

NOTE: INITIAL MOISTURE CONTENT OF THE LAYERS AND SNOW WATER WERE
COMPUTED AS NEARLY STEADY-STATE VALUES BY THE PROGRAM.

LAYER 1

TYPE 1 - VERTICAL PERCOLATION LAYER
MATERIAL TEXTURE NUMBER 309

THICKNESS = 50.00 CM
POROSITY = 0.4300 VOL/VOL
FIELD CAPACITY = 0.2300 VOL/VOL
WILTING POINT = 0.0800 VOL/VOL
INITIAL SOIL WATER CONTENT = 0.2300 VOL/VOL
EFFECTIVE SAT. HYD. CONDUCT.= 0.6830E-03 CM/SEC

LAYER 2

TYPE 2 - LATERAL DRAINAGE LAYER
MATERIAL TEXTURE NUMBER 313

THICKNESS = 150.00 CM
POROSITY = 0.4300 VOL/VOL
FIELD CAPACITY = 0.2600 VOL/VOL
WILTING POINT = 0.1600 VOL/VOL
INITIAL SOIL WATER CONTENT = 0.2294 VOL/VOL
EFFECTIVE SAT. HYD. CONDUCT.= 0.4170E-03 CM/SEC
SLOPE = 5.00 PERCENT
DRAINAGE LENGTH = 200.0 METERS

LAYER 3

TYPE 3 - BARRIER SOIL LINER
MATERIAL TEXTURE NUMBER 0

THICKNESS = 50.00 CM
POROSITY = 0.3700 VOL/VOL
FIELD CAPACITY = 0.2900 VOL/VOL
WILTING POINT = 0.1800 VOL/VOL
INITIAL SOIL WATER CONTENT = 0.3700 VOL/VOL
EFFECTIVE SAT. HYD. CONDUCT.= 0.6940E-05 CM/SEC

VALID FOR 30 YEARS

NOTE: SCS RUNOFF CURVE NUMBER WAS COMPUTED FROM DEFAULT
 SOIL DATA BASE USING SOIL TEXTURE # 6 WITH AN
 EXCELLENT STAND OF GRASS, A SURFACE SLOPE OF 5.0%
 AND A SLOPE LENGTH OF 200. METERS.

SCS RUNOFF CURVE NUMBER	=	54.57	
FRACTION OF AREA ALLOWING RUNOFF	=	100.0	PERCENT
AREA PROJECTED ON HORIZONTAL PLANE	=	1.0000	HECTARES
EVAPORATIVE ZONE DEPTH	=	150.0	CM
INITIAL WATER IN EVAPORATIVE ZONE	=	32.907	CM
UPPER LIMIT OF EVAPORATIVE STORAGE	=	64.500	CM
FIELD CAPACITY OF EVAPORATIVE ZONE	=	37.500	CM
LOWER LIMIT OF EVAPORATIVE STORAGE	=	20.000	CM
SOIL EVAPORATION ZONE DEPTH	=	52.8	CM
INITIAL SNOW WATER	=	0.000	CM
INITIAL INTERCEPTION WATER	=	0.000	CM
INITIAL WATER IN LAYER MATERIALS	=	64.407	CM
TOTAL INITIAL WATER	=	64.407	CM
TOTAL SUBSURFACE INFLOW	=	0.00	MM/YR

EVAPOTRANSPIRATION DATA 1

VALID FOR 30 YEARS

NOTE: EVAPOTRANSPIRATION DATA WAS OBTAINED FROM

Profen SACHSEN-ANHALT
 STATION LATITUDE = 51.13 DEGREES
 MAXIMUM LEAF AREA INDEX = 15.00
 START OF GROWING SEASON (JULIAN DATE) = 90
 END OF GROWING SEASON (JULIAN DATE) = 306
 EVAPORATIVE ZONE DEPTH = 150.0 CM
 AVERAGE ANNUAL WIND SPEED = 11.20 KPH
 AVERAGE 1ST QUARTER RELATIVE HUMIDITY = 79.4 %
 AVERAGE 2ND QUARTER RELATIVE HUMIDITY = 73.3 %
 AVERAGE 3RD QUARTER RELATIVE HUMIDITY = 73.6 %
 AVERAGE 4TH QUARTER RELATIVE HUMIDITY = 80.7 %

MONTHLY TOTALS (MM) FOR YEAR 1

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	11.7 62.2	28.9 57.1	30.0 69.9	47.8 35.9	55.6 38.1	58.4 46.9
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	19.11 125.32	19.73 96.39	36.63 62.99	68.54 33.84	104.90 21.70	119.15 17.45
ACTUAL EVAPOTRANSPIRATION	6.85 96.54	13.74 56.60	22.31 44.40	47.73 15.39	101.56 9.37	115.58 11.50
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 1

	MM	CU. METERS	PERCENT
PRECIPITATION	542.50	5425.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	725.758	7257.584	
ACTUAL EVAPOTRANSPIRATION	541.560	5415.602	99.83
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	0.940	9.403	0.17
SOIL WATER AT START OF YEAR	644.068	6440.679	
SOIL WATER AT END OF YEAR	645.008	6450.082	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	-0.0005	-0.005	0.00

MONTHLY TOTALS (MM) FOR YEAR 2

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	60.6 17.3	33.8 115.2	38.3 30.3	59.6 30.4	46.7 16.8	64.5 24.4
RUNOFF	0.00 0.00	0.00 0.00	0.32 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	15.79 138.03	17.03 105.93	37.34 72.77	76.79 31.74	99.55 19.65	113.15 15.24
ACTUAL EVAPOTRANSPIRATION	9.84 86.94	7.35 56.95	21.04 52.70	63.90 16.37	95.47 3.53	112.71 7.38
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.001 0.000	0.001 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.349	0.000 0.000	13.828 0.000	21.739 0.000	9.650 0.000	7.478 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.001	0.000 0.000	0.033 0.000	0.054 0.000	0.023 0.000	0.018 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.003	0.000 0.000	0.049 0.000	0.018 0.000	0.010 0.000	0.007 0.000

ANNUAL TOTALS FOR YEAR 2

	MM	CU. METERS	PERCENT
PRECIPITATION	537.90	5379.001	100.00
RUNOFF	0.322	3.222	0.06
POTENTIAL EVAPOTRANSPIRATION	743.007	7430.069	
ACTUAL EVAPOTRANSPIRATION	534.168	5341.681	99.31
DRAINAGE COLLECTED FROM LAYER 2	0.0019	0.019	0.00
PERC./LEAKAGE THROUGH LAYER 3	53.042530	530.425	9.86
AVG. HEAD ON TOP OF LAYER 3	0.1069		
CHANGE IN WATER STORAGE	-49.635	-496.347	-9.23
SOIL WATER AT START OF YEAR	645.008	6450.082	
SOIL WATER AT END OF YEAR	595.374	5953.735	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 3

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	51.8 49.8	53.4 66.4	34.5 57.0	61.2 32.2	39.9 32.9	31.1 40.3
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.77 128.94	19.03 102.40	34.05 61.57	74.23 32.28	110.52 19.27	119.18 14.50
ACTUAL EVAPOTRANSPIRATION	14.66 87.71	13.05 55.02	17.36 33.78	53.48 17.41	108.88 11.40	83.11 8.44
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.150	0.000 0.000	0.000 0.000	0.152 0.000	12.534 0.000	7.570 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.029	0.019
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TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.001	0.009	0.009
HEAD ON TOP OF LAYER 3	0.002	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 3

	MM	CU. METERS	PERCENT
PRECIPITATION	550.50	5505.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	734.739	7347.391	
ACTUAL EVAPOTRANSPIRATION	504.278	5042.783	91.60
DRAINAGE COLLECTED FROM LAYER 2	0.0003	0.003	0.00
PERC./LEAKAGE THROUGH LAYER 3	20.406866	204.069	3.71
AVG. HEAD ON TOP OF LAYER 3	0.0408		
CHANGE IN WATER STORAGE	25.815	258.146	4.69
SOIL WATER AT START OF YEAR	595.374	5953.735	
SOIL WATER AT END OF YEAR	618.727	6187.265	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	2.462	24.616	0.45
ANNUAL WATER BUDGET BALANCE	0.0000	0.000	0.00

MONTHLY TOTALS (MM) FOR YEAR 4

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	33.6 104.8	20.1 54.2	29.3 52.4	31.0 38.5	12.8 59.2	49.7 92.2
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.07 127.62	20.21 104.83	33.11 65.89	73.27 31.80	119.54 19.85	118.74 15.92
ACTUAL EVAPOTRANSPIRATION	8.35 81.29	10.17 67.94	15.64 41.25	47.50 10.73	117.46 16.81	77.42 9.15
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.000	0.000
TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	0.000
HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 4

	MM	CU. METERS	PERCENT
PRECIPITATION	577.80	5778.001	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	747.830	7478.303	
ACTUAL EVAPOTRANSPIRATION	503.729	5037.292	87.18
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	74.071	740.706	12.82
SOIL WATER AT START OF YEAR	618.727	6187.265	
SOIL WATER AT END OF YEAR	677.600	6775.999	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	1.354	13.544	
SNOW WATER AT START OF YEAR	2.462	24.616	0.43
SNOW WATER AT END OF YEAR	16.304	163.044	2.82
ANNUAL WATER BUDGET BALANCE	0.0003	0.003	0.00

MONTHLY TOTALS (MM) FOR YEAR 5

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	34.7 118.4	19.1 78.5	21.0 43.0	57.2 24.4	32.6 46.0	78.9 36.1
RUNOFF	0.13 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.36 129.42	17.89 101.44	38.59 61.99	65.07 32.17	104.70 21.64	114.67 17.64
ACTUAL EVAPOTRANSPIRATION	8.71 128.98	9.94 100.95	23.29 46.52	45.78 12.44	91.40 13.00	110.36 9.56
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

PERCOLATION/LEAKAGE THROUGH	0.000	2.899	14.542	13.398	8.844	10.226
LAYER 3	1.999	0.000	0.000	0.000	0.000	0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.008	0.035	0.033	0.021	0.025
TOP OF LAYER 3	0.005	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.014	0.016	0.006	0.013	0.007
HEAD ON TOP OF LAYER 3	0.006	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 5

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	589.90	5899.001	100.00
RUNOFF	0.132	1.325	0.02
POTENTIAL EVAPOTRANSPIRATION	722.574	7225.742	
ACTUAL EVAPOTRANSPIRATION	600.927	6009.267	101.87
DRAINAGE COLLECTED FROM LAYER 2	0.0010	0.010	0.00
PERC./LEAKAGE THROUGH LAYER 3	51.907509	519.075	8.80
AVG. HEAD ON TOP OF LAYER 3	0.1047		
CHANGE IN WATER STORAGE	-63.068	-630.680	-10.69
SOIL WATER AT START OF YEAR	677.600	6775.999	
SOIL WATER AT END OF YEAR	632.191	6321.907	
INTERCEPTION WATER AT START OF YEAR	1.354	13.544	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	16.304	163.044	2.76
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0005	0.005	0.00

MONTHLY TOTALS (MM) FOR YEAR 6

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	40.8 66.6	44.1 79.9	33.9 110.7	37.7 25.4	16.6 58.6	71.7 59.0
RUNOFF	6.00 0.00	0.43 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.03
POTENTIAL EVAPOTRANSPIRATION	15.73 116.70	19.71 107.95	39.02 65.14	76.84 28.55	117.01 19.88	114.41 15.94
ACTUAL EVAPOTRANSPIRATION	10.43	11.29	21.81	59.95	105.72	109.01

	72.59	66.03	47.60	9.91	8.89	8.95
LATERAL DRAINAGE COLLECTED	0.000	0.000	0.000	0.000	0.000	0.000
FROM LAYER 2	0.000	0.000	0.000	0.000	0.000	0.000
PERCOLATION/LEAKAGE THROUGH	0.000	0.000	0.000	0.065	7.720	3.957
LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.018	0.010
TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.001	0.012	0.007
HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 6

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	645.00	6450.002	100.00
RUNOFF	6.462	64.616	1.00
POTENTIAL EVAPOTRANSPIRATION	736.905	7369.049	
ACTUAL EVAPOTRANSPIRATION	532.188	5321.882	82.51
DRAINAGE COLLECTED FROM LAYER 2	0.0002	0.002	0.00
PERC./LEAKAGE THROUGH LAYER 3	11.742683	117.427	1.82
AVG. HEAD ON TOP OF LAYER 3	0.0234		
CHANGE IN WATER STORAGE	94.607	946.072	14.67
SOIL WATER AT START OF YEAR	632.191	6321.907	
SOIL WATER AT END OF YEAR	725.409	7254.094	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	1.388	13.885	0.22
ANNUAL WATER BUDGET BALANCE	0.0005	0.005	0.00

MONTHLY TOTALS (MM) FOR YEAR 7

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	20.8	22.6	50.2	45.9	31.1	43.7
	88.5	30.1	58.0	35.7	72.6	68.1
RUNOFF	0.00	0.65	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00

POTENTIAL EVAPOTRANSPIRATION	17.82 120.14	17.47 111.11	39.33 64.83	71.71 30.28	110.02 18.72	115.31 17.36
ACTUAL EVAPOTRANSPIRATION	7.38 117.14	8.27 59.99	23.44 34.94	44.86 16.72	89.37 14.75	98.40 14.88
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.001 0.000	0.000 0.000	0.001 0.000	0.001 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	12.863 0.000	14.645 0.000	25.283 0.000	20.482 0.000	11.990 0.000	4.406 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.030 0.000	0.038 0.000	0.060 0.000	0.050 0.000	0.028 0.000	0.011 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.035 0.000	0.008 0.000	0.043 0.000	0.015 0.000	0.003 0.000	0.007 0.000

ANNUAL TOTALS FOR YEAR 7

	MM	CU. METERS	PERCENT
PRECIPITATION	567.30	5673.001	100.00
RUNOFF	0.652	6.520	0.11
POTENTIAL EVAPOTRANSPIRATION	734.104	7341.041	
ACTUAL EVAPOTRANSPIRATION	530.142	5301.416	93.45
DRAINAGE COLLECTED FROM LAYER 2	0.0032	0.032	0.00
PERC./LEAKAGE THROUGH LAYER 3	89.669380	896.694	15.81
AVG. HEAD ON TOP OF LAYER 3	0.1815		
CHANGE IN WATER STORAGE	-53.166	-531.657	-9.37
SOIL WATER AT START OF YEAR	725.409	7254.094	
SOIL WATER AT END OF YEAR	672.029	6720.295	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	1.603	16.026	
SNOW WATER AT START OF YEAR	1.388	13.885	0.24
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	-0.0002	-0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 8

JAN/JUL FEB/AUG MAR/SEP APR/OCT MAY/NOV JUN/DEC

PRECIPITATION	27.5 32.8	15.6 84.3	45.6 59.9	47.8 45.9	32.5 62.5	51.2 32.9
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.02
POTENTIAL EVAPOTRANSPIRATION	20.44 128.58	21.14 100.70	38.09 63.64	79.26 31.56	107.44 19.00	124.45 14.48
ACTUAL EVAPOTRANSPIRATION	11.55 118.94	10.83 56.41	23.34 42.63	57.62 17.43	98.99 11.46	64.10 8.75
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.579	0.000 0.000	0.000 0.000	1.162 0.000	13.817 0.000	8.604 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.001	0.000 0.000	0.000 0.000	0.003 0.000	0.033 0.000	0.021 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.003	0.000 0.000	0.000 0.000	0.005 0.000	0.007 0.000	0.009 0.000

ANNUAL TOTALS FOR YEAR 8

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	538.50	5385.002	100.00
RUNOFF	0.017	0.174	0.00
POTENTIAL EVAPOTRANSPIRATION	748.795	7487.953	
ACTUAL EVAPOTRANSPIRATION	522.036	5220.359	96.94
DRAINAGE COLLECTED FROM LAYER 2	0.0004	0.004	0.00
PERC./LEAKAGE THROUGH LAYER 3	24.161194	241.612	4.49
AVG. HEAD ON TOP OF LAYER 3	0.0482		
CHANGE IN WATER STORAGE	-7.715	-77.149	-1.43
SOIL WATER AT START OF YEAR	672.029	6720.295	
SOIL WATER AT END OF YEAR	665.882	6658.819	
INTERCEPTION WATER AT START OF YEAR	1.603	16.026	
INTERCEPTION WATER AT END OF YEAR	0.035	0.353	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 9

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	34.5 75.2	33.3 91.1	19.5 17.2	44.0 18.2	26.5 4.5	45.4 51.0
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.13 117.91	17.06 106.40	40.31 72.56	71.69 33.68	106.65 18.95	115.16 14.75
ACTUAL EVAPOTRANSPIRATION	10.51 81.74	10.97 63.38	20.31 51.71	51.75 13.37	96.31 2.40	109.03 9.88
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	1.611 0.000	8.940 0.000	10.558 0.000	3.377 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.004 0.000	0.022 0.000	0.025 0.000	0.008 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.007 0.000	0.002 0.000	0.005 0.000	0.006 0.000

ANNUAL TOTALS FOR YEAR 9

	MM	CU. METERS	PERCENT
PRECIPITATION	460.40	4604.002	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	733.253	7332.527	
ACTUAL EVAPOTRANSPIRATION	521.358	5213.577	113.24
DRAINAGE COLLECTED FROM LAYER 2	0.0003	0.003	0.00
PERC./LEAKAGE THROUGH LAYER 3	24.485218	244.852	5.32
AVG. HEAD ON TOP OF LAYER 3	0.0493		
CHANGE IN WATER STORAGE	-85.443	-854.432	-18.56
SOIL WATER AT START OF YEAR	665.882	6658.819	
SOIL WATER AT END OF YEAR	568.528	5685.278	
INTERCEPTION WATER AT START OF YEAR	0.035	0.353	
INTERCEPTION WATER AT END OF YEAR	1.826	18.256	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	10.121	101.205	2.20
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 10

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	9.0 61.2	22.8 57.8	46.0 44.1	26.6 18.4	53.2 28.5	50.5 38.2
RUNOFF	0.03 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.80 123.39	19.19 105.43	39.19 68.17	73.15 31.55	106.68 17.98	127.98 15.01
ACTUAL EVAPOTRANSPIRATION	9.47 61.40	11.28 53.89	25.47 36.76	49.19 9.14	80.40 8.61	83.04 11.91
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 10

	MM	CU. METERS	PERCENT
PRECIPITATION	456.30	4563.002	100.00
RUNOFF	0.026	0.259	0.01
POTENTIAL EVAPOTRANSPIRATION	746.533	7465.326	
ACTUAL EVAPOTRANSPIRATION	440.562	4405.617	96.55
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	15.712	157.125	3.44
SOIL WATER AT START OF YEAR	568.528	5685.278	
SOIL WATER AT END OF YEAR	596.186	5961.864	
INTERCEPTION WATER AT START OF YEAR	1.826	18.256	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	10.121	101.205	2.22
SNOW WATER AT END OF YEAR	0.000	0.000	0.00

0.00

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SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 12

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	20.3 38.4	18.9 48.2	54.1 38.0	13.2 14.9	122.9 43.0	72.3 23.5
RUNOFF	0.00 0.00	1.64 0.00	1.68 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	15.34 127.89	16.67 107.90	35.79 65.23	79.00 25.59	111.54 21.56	127.55 16.88
ACTUAL EVAPOTRANSPIRATION	5.15 125.97	6.84 37.37	22.26 22.30	43.65 7.78	108.35 13.32	127.54 11.05
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	1.530 0.000	14.708 0.000	6.906 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.004 0.000	0.035 0.000	0.017 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.008 0.000	0.005 0.000	0.008 0.000

ANNUAL TOTALS FOR YEAR 12

	MM	CU. METERS	PERCENT
PRECIPITATION	507.70	5077.000	100.00
RUNOFF	3.316	33.156	0.65
POTENTIAL EVAPOTRANSPIRATION	750.943	7509.433	
ACTUAL EVAPOTRANSPIRATION	531.570	5315.704	104.70
DRAINAGE COLLECTED FROM LAYER 2	0.0004	0.004	0.00
PERC./LEAKAGE THROUGH LAYER 3	23.143288	231.433	4.56
AVG. HEAD ON TOP OF LAYER 3	0.0463		
CHANGE IN WATER STORAGE	-50.330	-503.299	-9.91
SOIL WATER AT START OF YEAR	664.101	6641.011	

SOIL WATER AT END OF YEAR	613.771	6137.712	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 13

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	23.2 26.5	15.2 56.8	51.5 51.9	27.7 23.8	35.9 29.2	57.4 37.8
RUNOFF	0.00 0.00	0.37 0.00	5.65 0.00	0.00 0.00	0.00 0.00	0.00 3.72
POTENTIAL EVAPOTRANSPIRATION	17.53 130.25	15.94 105.50	43.80 69.47	74.31 31.90	103.21 17.78	122.52 17.31
ACTUAL EVAPOTRANSPIRATION	7.75 48.49	3.81 41.58	17.81 40.49	48.80 11.65	101.09 10.70	100.26 6.85
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 13

	MM	CU. METERS	PERCENT
PRECIPITATION	436.90	4369.000	100.00
RUNOFF	9.738	97.383	2.23
POTENTIAL EVAPOTRANSPIRATION	749.523	7495.232	
ACTUAL EVAPOTRANSPIRATION	439.283	4392.833	100.55
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		

CHANGE IN WATER STORAGE	-12.121	-121.214	-2.77
SOIL WATER AT START OF YEAR	613.771	6137.712	
SOIL WATER AT END OF YEAR	601.650	6016.498	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.000	0.00

MONTHLY TOTALS (MM) FOR YEAR 14

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	24.4 72.0	28.0 86.9	31.3 67.5	23.9 21.5	47.2 101.9	77.3 42.5
RUNOFF	0.00 0.00	0.05 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	15.06 121.38	20.01 102.42	37.26 66.33	78.07 31.27	104.65 17.17	119.13 16.99
ACTUAL EVAPOTRANSPIRATION	7.36 69.95	10.60 69.46	20.93 50.93	49.76 12.97	94.39 14.05	102.56 14.45
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 14

	MM	CU. METERS	PERCENT
PRECIPITATION	624.40	6244.001	100.00
RUNOFF	0.050	0.500	0.01
POTENTIAL EVAPOTRANSPIRATION	729.756	7297.563	
ACTUAL EVAPOTRANSPIRATION	517.405	5174.052	82.86

DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	106.945	1069.448	17.13
SOIL WATER AT START OF YEAR	601.650	6016.498	
SOIL WATER AT END OF YEAR	707.006	7070.060	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.725	7.252	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.863	8.634	0.14
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 15

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	51.0 13.5	42.4 53.0	38.4 25.8	50.8 33.9	30.5 32.5	76.0 36.7
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.83 136.65	16.90 101.66	38.91 72.21	73.66 31.17	112.38 19.04	119.73 17.05
ACTUAL EVAPOTRANSPIRATION	7.71 74.52	9.49 40.03	26.24 29.60	65.29 11.09	97.21 12.54	114.01 11.89
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.002 0.000	0.002 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	1.438 0.173	29.291 0.000	36.915 0.000	14.462 0.000	11.825 0.000	7.612 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.004 0.000	0.077 0.000	0.088 0.000	0.035 0.000	0.028 0.000	0.019 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.009 0.002	0.047 0.000	0.043 0.000	0.013 0.000	0.006 0.000	0.009 0.000

ANNUAL TOTALS FOR YEAR 15

	MM	CU. METERS	PERCENT
PRECIPITATION	484.50	4845.004	100.00
RUNOFF	0.000	0.000	0.00

POTENTIAL EVAPOTRANSPIRATION	756.203	7562.028	
ACTUAL EVAPOTRANSPIRATION	499.621	4996.213	103.12
DRAINAGE COLLECTED FROM LAYER 2	0.0050	0.050	0.00
PERC./LEAKAGE THROUGH LAYER 3	101.716492	1017.165	20.99
AVG. HEAD ON TOP OF LAYER 3	0.2102		
CHANGE IN WATER STORAGE	-116.843	-1168.429	-24.12
SOIL WATER AT START OF YEAR	707.006	7070.060	
SOIL WATER AT END OF YEAR	590.597	5905.969	
INTERCEPTION WATER AT START OF YEAR	0.725	7.252	
INTERCEPTION WATER AT END OF YEAR	1.155	11.547	
SNOW WATER AT START OF YEAR	0.863	8.634	0.18
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0005	0.005	0.00

MONTHLY TOTALS (MM) FOR YEAR 16

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	19.8 70.7	21.2 84.2	55.5 28.2	75.1 35.0	89.0 15.5	58.1 54.5
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.58 118.06	17.65 97.62	41.65 65.73	79.79 29.54	105.52 18.47	122.02 17.26
ACTUAL EVAPOTRANSPIRATION	8.04 114.96	7.17 70.77	20.67 42.89	59.56 11.76	103.64 7.66	119.22 11.39
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 16

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	606.80	6068.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	730.869	7308.693	
ACTUAL EVAPOTRANSPIRATION	577.723	5777.231	95.21
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	29.077	290.767	4.79
SOIL WATER AT START OF YEAR	590.597	5905.969	
SOIL WATER AT END OF YEAR	619.633	6196.335	
INTERCEPTION WATER AT START OF YEAR	1.155	11.547	
INTERCEPTION WATER AT END OF YEAR	1.195	11.949	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 17

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	30.4 32.4	42.7 42.9	15.9 40.1	35.8 25.4	100.8 53.1	51.5 45.8
RUNOFF	0.00 0.00	1.68 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.86 129.57	17.60 111.61	45.68 68.38	72.57 37.20	107.34 17.26	120.11 16.63
ACTUAL EVAPOTRANSPIRATION	8.58 95.78	12.83 41.27	19.64 37.16	48.16 12.67	105.85 13.57	120.09 8.70
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 17

	MM	CU. METERS	PERCENT
PRECIPITATION	516.80	5168.000	100.00
RUNOFF	1.684	16.841	0.33
POTENTIAL EVAPOTRANSPIRATION	760.793	7607.933	
ACTUAL EVAPOTRANSPIRATION	524.297	5242.974	101.45
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-9.182	-91.819	-1.78
SOIL WATER AT START OF YEAR	619.633	6196.335	
SOIL WATER AT END OF YEAR	611.647	6116.465	
INTERCEPTION WATER AT START OF YEAR	1.195	11.949	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0003	0.003	0.00

MONTHLY TOTALS (MM) FOR YEAR 18

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	49.2 56.7	6.8 45.7	49.1 49.6	34.2 59.7	52.7 69.8	77.7 20.4
RUNOFF	0.00 0.00	0.00 0.00	1.68 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.61 123.49	14.59 108.50	39.51 71.81	66.73 33.30	108.80 21.22	119.90 15.76
ACTUAL EVAPOTRANSPIRATION	10.19 113.93	4.32 56.02	20.97 36.71	34.81 14.55	102.41 16.70	119.41 8.38
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 18

	MM	CU. METERS	PERCENT
PRECIPITATION	571.60	5716.000	100.00
RUNOFF	1.675	16.753	0.29
POTENTIAL EVAPOTRANSPIRATION	742.235	7422.354	
ACTUAL EVAPOTRANSPIRATION	538.415	5384.155	94.19
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	31.509	315.092	5.51
SOIL WATER AT START OF YEAR	611.647	6116.465	
SOIL WATER AT END OF YEAR	643.156	6431.557	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 19

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	27.1 36.1	18.3 11.8	51.8 52.8	62.2 48.2	65.3 24.6	63.8 67.5
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.95 117.36	17.35 109.06	36.64 66.68	74.45 28.98	101.39 18.48	114.16 15.87
ACTUAL EVAPOTRANSPIRATION	5.48 114.27	7.98 27.72	22.44 30.63	56.03 15.97	101.37 9.08	114.14 11.33
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 2.410	0.000 0.000	0.000 0.000	0.045 0.000	1.071 0.000	8.690 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.003	0.022
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TOP OF LAYER 3	0.006	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.001	0.004	0.009
HEAD ON TOP OF LAYER 3	0.006	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 19

	MM	CU. METERS	PERCENT
PRECIPITATION	529.50	5295.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	718.369	7183.687	
ACTUAL EVAPOTRANSPIRATION	516.451	5164.511	97.54
DRAINAGE COLLECTED FROM LAYER 2	0.0002	0.002	0.00
PERC./LEAKAGE THROUGH LAYER 3	12.216825	122.168	2.31
AVG. HEAD ON TOP OF LAYER 3	0.0251		
CHANGE IN WATER STORAGE	0.832	8.320	0.16
SOIL WATER AT START OF YEAR	643.156	6431.557	
SOIL WATER AT END OF YEAR	643.581	6435.813	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.406	4.064	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 20

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	36.4 101.5	35.2 34.7	44.1 75.5	67.0 53.7	28.6 29.3	67.5 35.9
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.56 129.57	18.53 115.35	35.80 72.84	77.33 31.87	110.37 17.76	123.25 18.57
ACTUAL EVAPOTRANSPIRATION	11.07 111.20	9.80 57.75	20.54 33.36	59.82 23.07	104.08 9.67	120.04 8.09
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.001 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 1.345	0.000 0.000	0.000 0.000	11.294 0.000	20.643 0.000	10.938 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.028	0.049	0.027
TOP OF LAYER 3	0.003	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.025	0.019	0.011
HEAD ON TOP OF LAYER 3	0.005	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 20

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	609.40	6094.003	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	768.811	7688.110	
ACTUAL EVAPOTRANSPIRATION	568.482	5684.824	93.29
DRAINAGE COLLECTED FROM LAYER 2	0.0012	0.012	0.00
PERC./LEAKAGE THROUGH LAYER 3	44.219444	442.194	7.26
AVG. HEAD ON TOP OF LAYER 3	0.0891		
CHANGE IN WATER STORAGE	-3.303	-33.033	-0.54
SOIL WATER AT START OF YEAR	643.581	6435.813	
SOIL WATER AT END OF YEAR	640.684	6406.844	
INTERCEPTION WATER AT START OF YEAR	0.406	4.064	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0004	0.004	0.00

MONTHLY TOTALS (MM) FOR YEAR 21

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	29.9 35.8	24.7 45.5	39.1 45.4	64.3 4.3	44.2 70.3	93.9 64.7
RUNOFF	0.00 0.00	0.02 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.73 124.71	17.21 111.42	40.92 69.66	71.10 34.63	107.02 20.22	110.34 16.33
ACTUAL EVAPOTRANSPIRATION	10.79 123.81	8.15 78.16	21.43 36.79	46.57 7.57	81.48 17.03	110.23 5.24
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

PERCOLATION/LEAKAGE THROUGH	0.000	0.000	0.000	0.000	0.413	12.436
LAYER 3	5.134	0.000	0.000	0.000	0.000	0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.001	0.031
TOP OF LAYER 3	0.012	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.003	0.007
HEAD ON TOP OF LAYER 3	0.007	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 21

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	562.10	5621.001	100.00
RUNOFF	0.024	0.244	0.00
POTENTIAL EVAPOTRANSPIRATION	742.288	7422.885	
ACTUAL EVAPOTRANSPIRATION	547.260	5472.604	97.36
DRAINAGE COLLECTED FROM LAYER 2	0.0003	0.003	0.00
PERC./LEAKAGE THROUGH LAYER 3	17.983099	179.831	3.20
AVG. HEAD ON TOP OF LAYER 3	0.0365		
CHANGE IN WATER STORAGE	-3.168	-31.682	-0.56
SOIL WATER AT START OF YEAR	640.684	6406.844	
SOIL WATER AT END OF YEAR	637.516	6375.162	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 22

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	45.1 49.8	26.3 58.0	25.5 105.2	51.3 18.6	42.6 8.1	69.6 28.2
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	18.12 116.05	17.72 111.25	38.56 66.66	71.38 32.59	106.53 19.19	113.25 15.31
ACTUAL EVAPOTRANSPIRATION	14.43	9.73	17.51	46.50	106.51	112.99

	111.30	54.22	48.77	12.81	4.21	8.84
LATERAL DRAINAGE COLLECTED	0.000	0.000	0.000	0.000	0.000	0.000
FROM LAYER 2	0.000	0.000	0.000	0.000	0.000	0.000
PERCOLATION/LEAKAGE THROUGH	0.000	0.000	0.000	0.000	0.126	3.833
LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.000	0.009
TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.001	0.006
HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 22

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	528.30	5282.999	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	726.607	7266.069	
ACTUAL EVAPOTRANSPIRATION	547.807	5478.074	103.69
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	3.958476	39.585	0.75
AVG. HEAD ON TOP OF LAYER 3	0.0082		
CHANGE IN WATER STORAGE	-23.466	-234.662	-4.44
SOIL WATER AT START OF YEAR	637.516	6375.162	
SOIL WATER AT END OF YEAR	614.050	6140.500	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 23

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	18.8	6.5	37.2	29.1	26.7	74.1
	66.3	18.3	26.1	41.0	3.2	52.3
RUNOFF	0.02	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00

POTENTIAL EVAPOTRANSPIRATION	17.79 109.24	20.31 105.63	40.91 72.57	66.77 32.63	112.12 20.08	116.60 17.95
ACTUAL EVAPOTRANSPIRATION	8.44 70.82	6.26 36.33	21.25 22.92	37.29 14.76	99.15 1.91	94.13 12.79
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 23

	MM	CU. METERS	PERCENT
PRECIPITATION	399.60	3996.001	100.00
RUNOFF	0.020	0.201	0.01
POTENTIAL EVAPOTRANSPIRATION	732.598	7325.976	
ACTUAL EVAPOTRANSPIRATION	426.037	4260.370	106.62
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-26.457	-264.571	-6.62
SOIL WATER AT START OF YEAR	614.050	6140.500	
SOIL WATER AT END OF YEAR	584.038	5840.381	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.265	2.651	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	3.290	32.896	0.82
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

MONTHLY TOTALS (MM) FOR YEAR 24

JAN/JUL FEB/AUG MAR/SEP APR/OCT MAY/NOV JUN/DEC

PRECIPITATION	26.0 38.1	35.6 41.7	66.8 26.6	33.5 47.6	52.4 27.4	65.8 52.0
RUNOFF	0.00 0.00	1.31 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.10 128.32	17.74 110.35	39.20 71.90	70.82 28.95	110.51 18.16	134.07 16.47
ACTUAL EVAPOTRANSPIRATION	11.85 70.02	9.22 29.27	22.88 29.99	38.93 11.10	96.00 8.64	132.79 13.17
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 24

	MM	CU. METERS	PERCENT
	-----	-----	-----
PRECIPITATION	513.50	5135.001	100.00
RUNOFF	1.310	13.098	0.26
POTENTIAL EVAPOTRANSPIRATION	762.593	7625.930	
ACTUAL EVAPOTRANSPIRATION	473.859	4738.592	92.28
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	38.331	383.311	7.46
SOIL WATER AT START OF YEAR	584.038	5840.381	
SOIL WATER AT END OF YEAR	624.092	6240.922	
INTERCEPTION WATER AT START OF YEAR	0.265	2.651	
INTERCEPTION WATER AT END OF YEAR	1.832	18.317	
SNOW WATER AT START OF YEAR	3.290	32.896	0.64
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 25

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	43.1 102.2	24.6 47.1	21.6 37.8	26.4 49.4	37.5 44.3	36.5 28.8
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 1.57
POTENTIAL EVAPOTRANSPIRATION	18.22 123.07	17.89 111.24	38.29 67.64	75.94 28.66	99.63 19.47	126.46 14.66
ACTUAL EVAPOTRANSPIRATION	13.42 80.31	7.66 65.01	18.00 27.64	48.96 17.40	99.62 12.08	105.54 7.04
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 25

	MM	CU. METERS	PERCENT
PRECIPITATION	499.30	4993.000	100.00
RUNOFF	1.567	15.671	0.31
POTENTIAL EVAPOTRANSPIRATION	741.168	7411.680	
ACTUAL EVAPOTRANSPIRATION	502.685	5026.850	100.68
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-4.952	-49.522	-0.99
SOIL WATER AT START OF YEAR	624.092	6240.922	
SOIL WATER AT END OF YEAR	620.972	6209.717	
INTERCEPTION WATER AT START OF YEAR	1.832	18.317	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0001	0.001	0.00

MONTHLY TOTALS (MM) FOR YEAR 26

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	15.7 43.1	32.7 62.8	17.0 34.5	9.7 24.0	51.4 28.1	37.6 38.0
RUNOFF	0.00 0.00	0.21 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.20 125.15	20.73 104.42	40.80 68.66	79.35 32.96	106.22 20.16	129.45 16.96
ACTUAL EVAPOTRANSPIRATION	7.85 22.70	10.09 59.64	19.03 38.91	42.98 13.02	85.74 8.28	101.94 7.64
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 26

	MM	CU. METERS	PERCENT
PRECIPITATION	394.60	3946.001	100.00
RUNOFF	0.211	2.107	0.05
POTENTIAL EVAPOTRANSPIRATION	761.057	7610.569	
ACTUAL EVAPOTRANSPIRATION	417.818	4178.183	105.88
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-23.429	-234.289	-5.94
SOIL WATER AT START OF YEAR	620.972	6209.717	
SOIL WATER AT END OF YEAR	596.645	5966.450	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	0.898	8.978	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00

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SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0003	0.003	0.00

MONTHLY TOTALS (MM) FOR YEAR 28

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	44.7 34.0	27.9 63.5	10.3 33.1	43.3 33.0	94.8 35.6	86.9 45.1
RUNOFF	0.46 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 1.33
POTENTIAL EVAPOTRANSPIRATION	17.22 128.21	19.56 101.36	33.10 69.60	68.19 27.04	96.89 18.00	117.78 15.00
ACTUAL EVAPOTRANSPIRATION	11.16 104.67	13.34 56.90	18.29 28.13	47.07 13.70	84.45 7.49	110.40 12.76
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 28

	MM	CU. METERS	PERCENT
PRECIPITATION	552.20	5522.001	100.00
RUNOFF	1.792	17.922	0.32
POTENTIAL EVAPOTRANSPIRATION	711.940	7119.405	
ACTUAL EVAPOTRANSPIRATION	508.368	5083.683	92.06
DRAINAGE COLLECTED FROM LAYER 2	0.0000	0.000	0.00
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	42.039	420.393	7.61
SOIL WATER AT START OF YEAR	568.821	5688.208	

SOIL WATER AT END OF YEAR	609.005	6090.051	
INTERCEPTION WATER AT START OF YEAR	0.000	0.000	
INTERCEPTION WATER AT END OF YEAR	1.855	18.550	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0004	0.004	0.00

MONTHLY TOTALS (MM) FOR YEAR 29

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	60.9 66.2	16.2 41.9	64.2 34.2	80.9 43.3	43.2 34.2	57.2 73.3
RUNOFF	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	16.44 123.82	18.17 107.91	39.35 72.07	65.68 31.15	110.64 16.78	127.93 15.76
ACTUAL EVAPOTRANSPIRATION	11.82 121.32	9.43 59.72	27.06 22.40	47.39 15.92	106.49 11.75	105.41 7.97
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 4.373	0.000 0.000	0.000 0.000	0.183 0.000	12.801 0.000	15.239 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.010	0.000 0.000	0.000 0.000	0.000 0.000	0.030 0.000	0.037 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.007	0.000 0.000	0.000 0.000	0.001 0.000	0.028 0.000	0.008 0.000

ANNUAL TOTALS FOR YEAR 29

	MM	CU. METERS	PERCENT
PRECIPITATION	615.70	6157.000	100.00
RUNOFF	0.000	0.000	0.00
POTENTIAL EVAPOTRANSPIRATION	745.714	7457.145	
ACTUAL EVAPOTRANSPIRATION	546.676	5466.756	88.79
DRAINAGE COLLECTED FROM LAYER 2	0.0008	0.008	0.00
PERC./LEAKAGE THROUGH LAYER 3	32.595623	325.956	5.29
AVG. HEAD ON TOP OF LAYER 3	0.0654		

CHANGE IN WATER STORAGE	36.428	364.280	5.92
SOIL WATER AT START OF YEAR	609.005	6090.051	
SOIL WATER AT END OF YEAR	640.477	6404.773	
INTERCEPTION WATER AT START OF YEAR	1.855	18.550	
INTERCEPTION WATER AT END OF YEAR	0.638	6.383	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	6.172	61.723	1.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.000	0.00

MONTHLY TOTALS (MM) FOR YEAR 30

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	48.2 39.1	20.8 77.8	47.0 11.1	37.6 56.9	52.0 48.4	78.3 24.1
RUNOFF	0.00 0.00	0.07 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
POTENTIAL EVAPOTRANSPIRATION	17.04 116.30	17.17 101.25	42.41 70.93	79.50 31.86	104.51 18.19	115.69 18.26
ACTUAL EVAPOTRANSPIRATION	12.91 104.71	6.04 43.58	22.44 35.49	58.48 16.64	95.07 12.60	114.94 9.77
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000 0.000	0.000 0.000	0.243 0.000	17.331 0.000	9.707 0.000	6.581 0.000

MONTHLY SUMMARIES FOR DAILY HEADS (CM)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.001 0.000	0.043 0.000	0.023 0.000	0.016 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.002 0.000	0.008 0.000	0.007 0.000	0.008 0.000

ANNUAL TOTALS FOR YEAR 30

	MM	CU. METERS	PERCENT
PRECIPITATION	541.30	5413.001	100.00
RUNOFF	0.071	0.712	0.01
POTENTIAL EVAPOTRANSPIRATION	733.107	7331.074	
ACTUAL EVAPOTRANSPIRATION	532.664	5326.645	98.40

DRAINAGE COLLECTED FROM LAYER 2	0.0007	0.007	0.00
PERC./LEAKAGE THROUGH LAYER 3	33.861671	338.617	6.26
AVG. HEAD ON TOP OF LAYER 3	0.0684		
CHANGE IN WATER STORAGE	-25.298	-252.981	-4.67
SOIL WATER AT START OF YEAR	640.477	6404.773	
SOIL WATER AT END OF YEAR	621.990	6219.899	
INTERCEPTION WATER AT START OF YEAR	0.638	6.383	
INTERCEPTION WATER AT END OF YEAR	0.000	0.000	
SNOW WATER AT START OF YEAR	6.172	61.723	1.14
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0002	0.002	0.00

FINAL WATER STORAGE AT END OF YEAR 30		
LAYER	(CM)	(VOL/VOL)
1	11.5000	0.2300
2	32.1990	0.2147
3	18.5000	0.3700
TOTAL WATER IN LAYERS	62.199	
SNOW WATER	0.000	
INTERCEPTION WATER	0.000	
TOTAL FINAL WATER	62.199	

PEAK DAILY VALUES FOR YEARS 1 THROUGH 30		
	(MM)	(CU. METERS)
PRECIPITATION	43.30	433.000
RUNOFF	6.003	60.0328
DRAINAGE COLLECTED FROM LAYER 2	0.00028	0.00279
PERCOLATION/LEAKAGE THROUGH LAYER 3	2.460610	24.60610
AVERAGE HEAD ON TOP OF LAYER 3	1.925	
MAXIMUM HEAD ON TOP OF LAYER 3	3.444	
LOCATION OF MAXIMUM HEAD IN LAYER 2 (DISTANCE FROM DRAIN)	0.0 METERS	
SNOW WATER	40.01	400.1205
MAXIMUM VEG. SOIL WATER (VOL/VOL)		0.2870
MINIMUM VEG. SOIL WATER (VOL/VOL)		0.1333

*** Maximum heads are computed using McEnroe's equations. ***

Reference: Maximum Saturated Depth over Landfill Liner
by Bruce M. McEnroe, University of Kansas
ASCE Journal of Environmental Engineering
Vol. 119, No. 2, March 1993, pp. 262-270.

AVERAGE MONTHLY VALUES (MM) FOR YEARS 1 THROUGH 30						
	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC

PRECIPITATION						

TOTALS	32.82 58.53	25.91 55.69	37.27 47.64	43.90 33.69	49.50 39.66	61.88 44.13
STD. DEVIATIONS	14.04 27.22	10.98 24.54	14.71 22.64	17.23 13.75	26.27 22.55	15.88 17.09
RUNOFF						

TOTALS	0.221 0.000	0.323 0.000	0.311 0.000	0.000 0.000	0.000 0.000	0.000 0.222
STD. DEVIATIONS	1.095 0.000	0.732 0.000	1.096 0.000	0.000 0.000	0.000 0.000	0.000 0.756
POTENTIAL EVAPOTRANSPIRATION						

TOTALS	17.572 124.549	18.156 106.165	38.855 68.016	73.785 31.290	107.272 19.188	119.869 16.445
STD. DEVIATIONS	1.336 6.265	1.516 4.536	3.016 3.463	4.573 2.324	4.844 1.338	5.678 1.374
ACTUAL EVAPOTRANSPIRATION						

TOTALS	9.849 92.597	9.065 54.728	21.211 36.648	50.345 13.747	97.888 10.260	105.989 9.781
STD. DEVIATIONS	2.480 26.013	2.659 16.389	2.828 9.021	7.979 3.375	8.852 4.067	15.070 2.384
LATERAL DRAINAGE COLLECTED FROM LAYER 2						

TOTALS	0.0000 0.0000	0.0001 0.0000	0.0002 0.0000	0.0001 0.0000	0.0001 0.0000	0.0001 0.0000
STD. DEVIATIONS	0.0001 0.0000	0.0004 0.0000	0.0005 0.0000	0.0002 0.0000	0.0002 0.0000	0.0001 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3						

TOTALS	0.4767 0.5504	1.5611 0.0000	3.0808 0.0000	3.6927 0.0000	4.8803 0.0000	3.9283 0.0000
STD. DEVIATIONS	2.3541 1.2935	5.8948 0.0000	8.5552 0.0000	6.9063 0.0000	6.3284 0.0000	4.6274 0.0000

AVERAGES OF MONTHLY AVERAGED DAILY HEADS (CM)

DAILY AVERAGE HEAD ON TOP OF LAYER 3

AVERAGES	0.0011 0.0013	0.0041 0.0000	0.0073 0.0000	0.0091 0.0000	0.0115 0.0000	0.0097 0.0000
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STD. DEVIATIONS	0.0055	0.0155	0.0204	0.0170	0.0150	0.0114
	0.0031	0.0000	0.0000	0.0000	0.0000	0.0000

AVERAGE ANNUAL TOTALS & (STD. DEVIATIONS) FOR YEARS 1 THROUGH 30						

	MM		CU. METERS		PERCENT	
	-----		-----		-----	
PRECIPITATION	530.62	(64.533)	5306.2		100.00	
RUNOFF	1.078	(2.1734)	10.78		0.203	
POTENTIAL EVAPOTRANSPIRATION	741.159	(13.6626)	7411.59			
ACTUAL EVAPOTRANSPIRATION	512.107	(44.5194)	5121.07		96.511	
LATERAL DRAINAGE COLLECTED FROM LAYER 2	0.00053	(0.00109)	0.005		0.00010	
PERCOLATION/LEAKAGE THROUGH LAYER 3	18.17035	(26.85586)	181.703		3.42436	
AVERAGE HEAD ON TOP OF LAYER 3	0.037	(0.055)				
CHANGE IN WATER STORAGE	-0.736	(1.9907)	-7.36		-0.139	

