


ATTACHMENT III-D.8-1
HELP 3.07 OUTPUTS

- A. ALTERNATIVE FINAL COVER – HYDRAULIC CONDUCTIVITY 1×10^{-5}**
- B. ALTERNATIVE FINAL COVER – HYDRAULIC CONDUCTIVITY 1×10^{-6}**
- C. PRESCRIPTIVE FINAL COVER – GEOMEMBRANE BELOW INFILTRATION LAYER**
- D. PRESCRIPTIVE FINAL COVER – GEOMEMBRANE ABOVE INFILTRATION LAYER**

3-2-2015



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THICKNESS = 30.00 INCHES
 POROSITY = 0.4750 VOL/VOL
 FIELD CAPACITY = 0.3780 VOL/VOL
 WILTING POINT = 0.2650 VOL/VOL
 INITIAL SOIL WATER CONTENT = 0.2728 VOL/VOL
 EFFECTIVE SAT. HYD. COND. = 0.999999975000E-05 CM/SEC

GENERAL DESIGN AND EVAPORATIVE ZONE DATA

NOTE: SCS RUNOFF CURVE NUMBER WAS USER-SPECIFIED.

SCS RUNOFF CURVE NUMBER = 92.00
 FRACTION OF AREA ALLOWING RUNOFF = 100.0 PERCENT
 AREA PROJECTED ON HORIZONTAL PLANE = 1.000 ACRES
 EVAPORATIVE ZONE DEPTH = 37.0 INCHES
 INITIAL WATER IN EVAPORATIVE ZONE = 10.605 INCHES
 UPPER LIMIT OF EVAPORATIVE STORAGE = 17.309 INCHES
 LOWER LIMIT OF EVAPORATIVE STORAGE = 9.812 INCHES
 INITIAL SNOW WATER = 0.000 INCHES
 INITIAL WATER IN LAYER MATERIALS = 10.605 INCHES
 TOTAL INITIAL WATER = 10.605 INCHES
 TOTAL SUBSURFACE INFLOW = 0.00 INCHES/YEAR

EVAPOTRANSPIRATION AND WEATHER DATA

NOTE: EVAPOTRANSPIRATION DATA WAS OBTAINED FROM
 BROWNSVILLE TEXAS

STATION LATITUDE = 27.34 DEGREES
 MAXIMUM LEAF AREA INDEX = 1.00
 START OF GROWING SEASON (JULIAN DATE) = 0
 END OF GROWING SEASON (JULIAN DATE) = 365
 EVAPORATIVE ZONE DEPTH = 37.0 INCHES
 AVERAGE ANNUAL WIND SPEED = 11.60 MPH
 AVERAGE 1ST QUARTER RELATIVE HUMIDITY = 76.00 %
 AVERAGE 2ND QUARTER RELATIVE HUMIDITY = 75.00 %
 AVERAGE 3RD QUARTER RELATIVE HUMIDITY = 74.00 %
 AVERAGE 4TH QUARTER RELATIVE HUMIDITY = 76.00 %

NOTE: PRECIPITATION DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS

NORMAL MEAN MONTHLY PRECIPITATION (INCHES)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
0.82	0.86	0.88	1.37	2.65	2.68
1.93	2.29	3.09	2.41	1.07	0.91

NOTE: TEMPERATURE DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS

NORMAL MEAN MONTHLY TEMPERATURE (DEGREES FAHRENHEIT)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
56.50	61.00	68.80	76.00	82.00	86.50
87.90	87.90	82.90	75.40	65.50	57.70

NOTE: SOLAR RADIATION DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS
 AND STATION LATITUDE = 27.34 DEGREES

MONTHLY TOTALS (IN INCHES) FOR YEAR 1

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.32	0.49	0.35	0.01	0.00	3.60
	0.00	2.82	3.54	2.89	0.72	1.56
RUNOFF	0.000	0.000	0.000	0.000	0.000	0.770
	0.000	0.022	0.158	0.122	0.000	0.000
EVAPOTRANSPIRATION	0.433	0.372	0.320	0.371	0.467	2.596
	0.234	2.004	3.917	1.910	1.630	0.985
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000

ANNUAL TOTALS FOR YEAR 1

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.30	59169.004	100.00
RUNOFF	1.073	3894.244	6.58
EVAPOTRANSPIRATION	15.239	55317.867	93.49
PERC./LEAKAGE THROUGH LAYER 2	0.000188	0.682	0.00

CHANGE IN WATER STORAGE	-0.012	-43.796	-0.07
SOIL WATER AT START OF YEAR	10.605	38496.098	
SOIL WATER AT END OF YEAR	10.593	38452.301	
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	0.009	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 2

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.00 1.02	2.53 1.46	1.70 7.20	0.01 3.49	4.17 0.29	3.37 0.94
RUNOFF	0.000 0.070	0.057 0.000	0.108 1.712	0.000 0.290	1.428 0.000	0.785 0.000
EVAPOTRANSPIRATION	0.363 0.954	0.805 0.675	2.462 4.537	0.899 2.731	2.088 1.484	3.561 0.943
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0000 0.0011	0.0000 0.0000	0.0024 0.0000	0.0000 0.0002

ANNUAL TOTALS FOR YEAR 2

	INCHES	CU. FEET	PERCENT
PRECIPITATION	26.18	95033.414	100.00
RUNOFF	4.449	16150.333	16.99
EVAPOTRANSPIRATION	21.500	78045.359	82.12
PERC./LEAKAGE THROUGH LAYER 2	0.003744	13.590	0.01
CHANGE IN WATER STORAGE	0.227	824.129	0.87

SOIL WATER AT START OF YEAR	10.593	38452.301	
SOIL WATER AT END OF YEAR	10.820	39276.430	
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	0.003	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 3

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.20 1.52	1.92 1.27	0.63 3.38	0.00 0.62	1.32 0.29	7.54 0.61
RUNOFF	0.000 0.003	0.069 0.000	0.000 0.149	0.000 0.013	0.026 0.000	2.240 0.000
EVAPOTRANSPIRATION	0.777 3.561	1.189 1.305	1.107 3.012	0.616 0.977	1.294 0.154	3.068 0.457
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0001	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 3

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.30	70059.008	100.00
RUNOFF	2.501	9077.672	12.96
EVAPOTRANSPIRATION	17.518	63590.527	90.77
PERC./LEAKAGE THROUGH LAYER 2	0.000130	0.474	0.00
CHANGE IN WATER STORAGE	-0.719	-2609.665	-3.72
SOIL WATER AT START OF YEAR	10.820	39276.430	

SOIL WATER AT END OF YEAR	10.101	36666.766	
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	0.005	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 4

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.06 1.57	1.72 0.80	1.42 4.29	0.22 3.33	5.20 0.29	1.02 1.23
RUNOFF	0.000 0.079	0.012 0.005	0.041 0.182	0.000 0.774	1.259 0.000	0.020 0.000
EVAPOTRANSPIRATION	0.473 1.911	1.018 0.819	1.752 2.933	1.072 2.177	3.793 1.207	1.044 1.014
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0002	0.0000 0.0001	0.0000 0.0001	0.0000 0.0003	0.0002 0.0000	0.0016 0.0000

ANNUAL TOTALS FOR YEAR 4

	INCHES	CU. FEET	PERCENT
PRECIPITATION	22.15	80404.516	100.00
RUNOFF	2.372	8611.562	10.71
EVAPOTRANSPIRATION	19.211	69736.922	86.73
PERC./LEAKAGE THROUGH LAYER 2	0.002411	8.751	0.01
CHANGE IN WATER STORAGE	0.564	2047.282	2.55
SOIL WATER AT START OF YEAR	10.101	36666.766	
SOIL WATER AT END OF YEAR	10.665	38714.047	

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	-0.005	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 5

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.77 1.71	0.26 1.62	1.35 2.89	0.00 0.70	3.51 0.59	0.42 0.20
RUNOFF	0.000 0.037	0.000 0.033	0.009 0.204	0.000 0.000	0.774 0.000	0.000 0.000
EVAPOTRANSPIRATION	0.898 1.882	0.505 1.672	1.029 2.303	0.789 0.736	2.311 0.656	0.553 0.298
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0001 0.0000	0.0001 0.0000	0.0000 0.0000	0.0000 0.0014	0.0000 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 5

	INCHES	CU. FEET	PERCENT
PRECIPITATION	14.02	50892.621	100.00
RUNOFF	1.057	3836.171	7.54
EVAPOTRANSPIRATION	13.632	49485.953	97.24
PERC./LEAKAGE THROUGH LAYER 2	0.001565	5.679	0.01
CHANGE IN WATER STORAGE	-0.671	-2435.192	-4.78
SOIL WATER AT START OF YEAR	10.665	38714.047	
SOIL WATER AT END OF YEAR	9.994	36278.855	
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 0.011 0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 6

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.88 1.61	1.39 2.56	0.71 4.85	2.86 3.49	0.19 1.70	4.18 0.85
RUNOFF	0.004 0.108	0.135 0.117	0.000 0.648	0.932 0.691	0.000 0.242	1.139 0.000
EVAPOTRANSPIRATION	0.394 2.127	0.869 2.665	1.021 2.764	1.865 2.140	0.992 1.390	1.932 0.858
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0000 0.0001	0.0000 0.0000	0.0000 0.0000	0.0001 0.0001

ANNUAL TOTALS FOR YEAR 6

	INCHES	CU. FEET	PERCENT
PRECIPITATION	25.27	91730.102	100.00
RUNOFF	4.016	14579.575	15.89
EVAPOTRANSPIRATION	19.017	69031.195	75.25
PERC./LEAKAGE THROUGH LAYER 2	0.000386	1.400	0.00
CHANGE IN WATER STORAGE	2.236	8117.972	8.85
SOIL WATER AT START OF YEAR	9.994	36278.855	
SOIL WATER AT END OF YEAR	12.231	44396.828	
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	-0.036	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 7

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.53 0.98	0.84 1.79	0.18 6.42	0.00 4.31	1.84 2.12	4.13 1.13
RUNOFF	0.000 0.043	0.001 0.003	0.000 0.904	0.000 0.745	0.071 0.042	0.689 0.011
EVAPOTRANSPIRATION	1.002 1.918	1.078 1.704	0.880 3.878	0.857 2.622	1.098 1.487	3.275 1.148
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0001 0.0000	0.0000 0.0000	0.0006 0.0000	0.0000 0.0006	0.0049 0.0000	0.0000 0.0003

ANNUAL TOTALS FOR YEAR 7

	INCHES	CU. FEET	PERCENT
PRECIPITATION	24.27	88100.094	100.00
RUNOFF	2.508	9104.331	10.33
EVAPOTRANSPIRATION	20.948	76040.406	86.31
PERC./LEAKAGE THROUGH LAYER 2	0.006662	24.184	0.03
CHANGE IN WATER STORAGE	0.807	2931.180	3.33
SOIL WATER AT START OF YEAR	12.231	44396.828	
SOIL WATER AT END OF YEAR	13.038	47328.008	
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	-0.009	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 8

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 7.47	1.49 0.96	0.34 2.83	2.35 0.51	0.73 0.37	0.44 0.36
RUNOFF	0.000 3.139	0.047 0.000	0.000 0.186	0.371 0.000	0.000 0.000	0.000 0.000
EVAPOTRANSPIRATION	0.940 3.329	1.467 1.819	1.580 2.600	2.243 0.697	2.093 0.260	0.440 0.263
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0003	0.0000 0.0000	0.0001 0.0000	0.0006 0.0000	0.0038 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 8

	INCHES	CU. FEET	PERCENT
PRECIPITATION	18.46	67009.797	100.00
RUNOFF	3.744	13589.652	20.28
EVAPOTRANSPIRATION	17.731	64362.316	96.05
PERC./LEAKAGE THROUGH LAYER 2	0.004749	17.238	0.03
CHANGE IN WATER STORAGE	-3.019	-10959.382	-16.35
SOIL WATER AT START OF YEAR	13.038	47328.008	
SOIL WATER AT END OF YEAR	10.019	36368.625	
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	-0.026	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 9

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 0.85	0.78 4.09	0.09 2.09	0.53 0.88	0.52 3.26	3.57 0.51
RUNOFF	0.000 0.064	0.000 1.381	0.000 0.481	0.002 0.000	0.000 0.315	0.366 0.001
EVAPOTRANSPIRATION	0.335 0.434	0.498 3.074	0.241 1.060	0.379 1.419	0.874 0.708	3.598 0.734
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 9

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.78	64541.402	100.00
RUNOFF	2.612	9479.808	14.69
EVAPOTRANSPIRATION	13.354	48475.953	75.11
PERC./LEAKAGE THROUGH LAYER 2	0.000084	0.305	0.00
CHANGE IN WATER STORAGE	1.814	6585.330	10.20
SOIL WATER AT START OF YEAR	10.019	36368.625	
SOIL WATER AT END OF YEAR	11.833	42953.953	
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	0.006	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 10

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.95 2.27	0.33 0.69	1.00 3.75	3.20 4.04	0.00 1.04	5.40 1.08
RUNOFF	0.000 0.773	0.000 0.000	0.000 0.557	0.365 0.478	0.000 0.020	2.036 0.016
EVAPOTRANSPIRATION	1.118 3.818	1.179 0.690	0.957 1.239	2.236 2.430	1.645 1.299	1.043 0.841
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0002 0.0000	0.0004 0.0007	0.0000 0.0000	0.0001 0.0000

ANNUAL TOTALS FOR YEAR 10

	INCHES	CU. FEET	PERCENT
PRECIPITATION	23.75	86212.500	100.00
RUNOFF	4.245	15410.665	17.88
EVAPOTRANSPIRATION	18.495	67136.711	77.87
PERC./LEAKAGE THROUGH LAYER 2	0.001305	4.736	0.01
CHANGE IN WATER STORAGE	1.008	3660.357	4.25
SOIL WATER AT START OF YEAR	11.833	42953.953	
SOIL WATER AT END OF YEAR	12.841	46614.309	
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	0.028	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 11

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.55 3.52	0.97 4.21	0.05 2.13	0.98 0.31	1.85 0.90	0.95 0.53
RUNOFF	0.023 0.611	0.000 0.567	0.000 0.093	0.020 0.000	0.240 0.013	0.036 0.000
EVAPOTRANSPIRATION	1.140 1.628	1.232 4.946	1.381 1.902	1.500 0.344	2.486 0.599	1.295 0.431
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0003 0.0000	0.0000 0.0000	0.0001 0.0000	0.0000 0.0000	0.0002 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 11

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.95	65158.516	100.00
RUNOFF	1.603	5817.112	8.93
EVAPOTRANSPIRATION	18.885	68553.609	105.21
PERC./LEAKAGE THROUGH LAYER 2	0.000592	2.148	0.00
CHANGE IN WATER STORAGE	-2.538	-9214.377	-14.14
SOIL WATER AT START OF YEAR	12.841	46614.309	
SOIL WATER AT END OF YEAR	10.303	37399.934	
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	0.024	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 12

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.42 0.63	0.97 0.92	0.43 5.10	1.23 1.74	0.18 4.50	2.64 0.29
RUNOFF	0.000 0.002	0.002 0.007	0.000 0.816	0.139 0.118	0.000 0.674	0.026 0.000
EVAPOTRANSPIRATION	0.395 0.776	0.740 1.365	0.469 2.154	1.221 2.268	0.754 1.663	2.014 0.911
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0000 0.0001	0.0000 0.0000	0.0000 0.0001	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 12

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.05	69151.516	100.00
RUNOFF	1.783	6471.420	9.36
EVAPOTRANSPIRATION	14.731	53474.066	77.33
PERC./LEAKAGE THROUGH LAYER 2	0.000267	0.971	0.00
CHANGE IN WATER STORAGE	2.536	9205.033	13.31
SOIL WATER AT START OF YEAR	10.303	37399.934	
SOIL WATER AT END OF YEAR	12.839	46604.965	
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	0.027	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 13

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.13 0.34	0.38 1.36	0.23 1.78	2.90 2.05	3.47 0.47	2.21 1.46
RUNOFF	0.000 0.000	0.000 0.176	0.000 0.051	0.899 0.151	0.928 0.000	0.363 0.035
EVAPOTRANSPIRATION	0.897 1.115	0.680 1.184	0.617 1.137	2.267 1.573	2.065 0.915	2.834 0.759
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0003 0.0000	0.0002 0.0000	0.0002 0.0000	0.0005 0.0000	0.0214 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 13

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.78	60911.418	100.00
RUNOFF	2.604	9450.810	15.52
EVAPOTRANSPIRATION	16.041	58229.988	95.60
PERC./LEAKAGE THROUGH LAYER 2	0.022739	82.543	0.14
CHANGE IN WATER STORAGE	-1.888	-6851.939	-11.25
SOIL WATER AT START OF YEAR	12.839	46604.965	
SOIL WATER AT END OF YEAR	10.951	39753.027	
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	0.015	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 14

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.46	0.03	0.15	0.09	1.16	3.05
	1.02	1.49	3.45	4.35	0.45	0.75
RUNOFF	0.000	0.000	0.000	0.000	0.014	0.719
	0.007	0.017	0.198	0.889	0.000	0.009
EVAPOTRANSPIRATION	0.739	0.613	0.401	0.106	0.392	1.538
	2.569	1.473	1.652	2.423	1.318	0.850
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0001	0.0000	0.0013	0.0000

ANNUAL TOTALS FOR YEAR 14

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.45	59713.508	100.00
RUNOFF	1.854	6730.291	11.27
EVAPOTRANSPIRATION	14.075	51091.758	85.56
PERC./LEAKAGE THROUGH LAYER 2	0.001362	4.943	0.01
CHANGE IN WATER STORAGE	0.520	1886.494	3.16
SOIL WATER AT START OF YEAR	10.951	39753.027	
SOIL WATER AT END OF YEAR	11.471	41639.520	
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	0.023	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 15

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.20 0.46	0.44 1.27	0.39 3.68	0.00 1.28	3.65 0.81	3.26 1.65
RUNOFF	0.000 0.000	0.000 0.079	0.000 0.242	0.000 0.005	0.962 0.004	1.218 0.010
EVAPOTRANSPIRATION	0.520 0.460	0.542 1.191	0.541 2.896	0.858 1.028	2.336 0.923	2.621 0.853
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0000 0.0001	0.0001 0.0000	0.0000 0.0000	0.0004 0.0000

ANNUAL TOTALS FOR YEAR 15

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.09	62036.699	100.00
RUNOFF	2.519	9144.808	14.74
EVAPOTRANSPIRATION	14.770	53616.336	86.43
PERC./LEAKAGE THROUGH LAYER 2	0.000582	2.111	0.00
CHANGE IN WATER STORAGE	-0.200	-726.536	-1.17
SOIL WATER AT START OF YEAR	11.471	41639.520	
SOIL WATER AT END OF YEAR	11.271	40912.984	
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	-0.020	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 16

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.98 3.69	0.34 3.76	0.05 2.83	2.63 1.49	0.17 1.75	0.64 0.14
RUNOFF	0.009 0.858	0.000 1.686	0.000 0.042	0.606 0.021	0.000 0.153	0.016 0.000
EVAPOTRANSPIRATION	0.928 3.318	1.033 2.075	0.595 2.350	1.912 1.268	0.505 0.999	0.174 0.728
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0004 0.0013	0.0000 0.0008	0.0006 0.0000	0.0000 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 16

	INCHES	CU. FEET	PERCENT
PRECIPITATION	18.47	67046.102	100.00
RUNOFF	3.392	12311.569	18.36
EVAPOTRANSPIRATION	15.886	57667.195	86.01
PERC./LEAKAGE THROUGH LAYER 2	0.003096	11.238	0.02
CHANGE IN WATER STORAGE	-0.811	-2943.909	-4.39
SOIL WATER AT START OF YEAR	11.271	40912.984	
SOIL WATER AT END OF YEAR	10.460	37969.078	
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	0.009	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 17

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.53 2.92	0.75 2.98	0.42 3.29	0.22 2.33	3.01 0.31	3.82 1.35
RUNOFF	0.000 0.417	0.021 0.070	0.000 0.233	0.000 0.059	0.179 0.000	0.364 0.031
EVAPOTRANSPIRATION	0.821 1.774	0.641 4.057	0.674 2.222	0.401 2.410	2.535 0.964	3.049 0.664
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0002	0.0000 0.0000	0.0001 0.0002	0.0000 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 17

	INCHES	CU. FEET	PERCENT
PRECIPITATION	21.93	79605.914	100.00
RUNOFF	1.374	4986.194	6.26
EVAPOTRANSPIRATION	20.214	73375.109	92.17
PERC./LEAKAGE THROUGH LAYER 2	0.000511	1.854	0.00
CHANGE IN WATER STORAGE	0.342	1242.734	1.56
SOIL WATER AT START OF YEAR	10.460	37969.078	
SOIL WATER AT END OF YEAR	10.802	39211.812	
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	0.027	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 18

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.00 0.26	0.35 1.06	2.93 6.22	1.97 4.07	0.22 0.41	1.21 1.75
RUNOFF	0.000 0.000	0.000 0.005	0.064 1.587	0.115 0.834	0.000 0.000	0.106 0.016
EVAPOTRANSPIRATION	0.627 1.066	0.574 1.055	1.697 2.677	2.236 2.616	1.144 1.362	0.301 1.017
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0004	0.0000 0.0000	0.0002 0.0000	0.0000 0.0004	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 18

	INCHES	CU. FEET	PERCENT
PRECIPITATION	20.45	74233.492	100.00
RUNOFF	2.727	9898.640	13.33
EVAPOTRANSPIRATION	16.373	59433.176	80.06
PERC./LEAKAGE THROUGH LAYER 2	0.001063	3.860	0.01
CHANGE IN WATER STORAGE	1.349	4897.829	6.60
SOIL WATER AT START OF YEAR	10.802	39211.812	
SOIL WATER AT END OF YEAR	12.151	44109.641	
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	-0.010	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 19

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.88 4.12	1.31 0.75	1.22 1.44	1.00 3.92	2.36 1.22	0.53 0.44
RUNOFF	0.000 1.236	0.235 0.000	0.003 0.033	0.102 0.239	0.665 0.019	0.000 0.000
EVAPOTRANSPIRATION	0.994 2.472	1.070 0.903	2.006 1.680	1.765 1.982	2.266 1.399	0.516 0.885
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0002 0.0000	0.0000 0.0000	0.0000 0.0000	0.0032 0.0000	0.0000 0.0001

ANNUAL TOTALS FOR YEAR 19

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.19	69659.695	100.00
RUNOFF	2.533	9194.771	13.20
EVAPOTRANSPIRATION	17.937	65109.898	93.47
PERC./LEAKAGE THROUGH LAYER 2	0.003540	12.849	0.02
CHANGE IN WATER STORAGE	-1.283	-4657.823	-6.69
SOIL WATER AT START OF YEAR	12.151	44109.641	
SOIL WATER AT END OF YEAR	10.868	39451.816	
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	-0.001	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 20

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.69 2.09	0.16 0.97	0.81 5.25	1.98 0.91	0.27 0.00	0.06 0.83
RUNOFF	0.000 0.147	0.000 0.082	0.000 1.675	0.143 0.000	0.000 0.000	0.000 0.011
EVAPOTRANSPIRATION	0.967 1.332	0.753 1.499	0.453 1.886	1.768 2.336	0.881 0.263	0.062 0.326
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0006 0.0005	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 20

	INCHES	CU. FEET	PERCENT
PRECIPITATION	14.02	50892.605	100.00
RUNOFF	2.058	7472.012	14.68
EVAPOTRANSPIRATION	12.524	45462.102	89.33
PERC./LEAKAGE THROUGH LAYER 2	0.001086	3.943	0.01
CHANGE IN WATER STORAGE	-0.563	-2045.448	-4.02
SOIL WATER AT START OF YEAR	10.868	39451.816	
SOIL WATER AT END OF YEAR	10.305	37406.367	
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	-0.005	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 21

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.83 0.72	0.60 1.05	0.07 2.27	1.08 2.36	2.41 0.62	1.31 2.34
RUNOFF	0.001 0.011	0.000 0.005	0.000 0.007	0.000 0.131	0.499 0.000	0.055 0.167
EVAPOTRANSPIRATION	0.425 0.359	0.752 1.139	0.475 2.545	0.758 1.895	2.556 0.668	1.202 0.734
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0000 0.0001	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 21

	INCHES	CU. FEET	PERCENT
PRECIPITATION	15.66	56845.797	100.00
RUNOFF	0.877	3182.806	5.60
EVAPOTRANSPIRATION	13.507	49029.312	86.25
PERC./LEAKAGE THROUGH LAYER 2	0.000144	0.523	0.00
CHANGE IN WATER STORAGE	1.276	4633.158	8.15
SOIL WATER AT START OF YEAR	10.305	37406.367	
SOIL WATER AT END OF YEAR	11.581	42039.527	
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	-0.003	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 22

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.77 0.42	0.83 0.87	0.78 4.52	0.97 1.86	0.55 0.58	3.16 1.38
RUNOFF	0.139 0.000	0.016 0.000	0.010 1.012	0.000 0.343	0.005 0.000	0.414 0.117
EVAPOTRANSPIRATION	0.934 1.155	1.143 0.880	1.363 2.715	1.719 2.305	1.335 0.387	2.001 0.507
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0001	0.0000 0.0000	0.0007 0.0000	0.0000 0.0007	0.0033 0.0000	0.0003 0.0000

ANNUAL TOTALS FOR YEAR 22

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.69	64214.723	100.00
RUNOFF	2.055	7460.978	11.62
EVAPOTRANSPIRATION	16.445	59696.441	92.96
PERC./LEAKAGE THROUGH LAYER 2	0.005011	18.189	0.03
CHANGE IN WATER STORAGE	-0.816	-2960.920	-4.61
SOIL WATER AT START OF YEAR	11.581	42039.527	
SOIL WATER AT END OF YEAR	10.765	39078.605	
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	0.033	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 23

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.09 2.18	0.12 0.67	0.00 1.64	2.07 1.89	2.69 1.07	2.12 1.96
RUNOFF	0.000 0.038	0.000 0.000	0.000 0.017	0.139 0.080	0.649 0.002	0.377 0.023
EVAPOTRANSPIRATION	0.550 1.851	0.429 1.604	0.185 1.006	0.560 2.007	2.712 1.051	1.799 0.834
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0001	0.0000 0.0000	0.0002 0.0000

ANNUAL TOTALS FOR YEAR 23

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.50	59895.016	100.00
RUNOFF	1.325	4811.554	8.03
EVAPOTRANSPIRATION	14.587	52952.477	88.41
PERC./LEAKAGE THROUGH LAYER 2	0.000344	1.248	0.00
CHANGE IN WATER STORAGE	0.587	2129.729	3.56
SOIL WATER AT START OF YEAR	10.765	39078.605	
SOIL WATER AT END OF YEAR	11.352	41208.336	
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	0.004	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 24

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.46	2.05	1.84	3.96	0.00	0.79
	0.00	4.21	4.56	2.34	0.00	0.97
RUNOFF	0.050	0.033	0.076	0.688	0.000	0.048
	0.000	0.424	1.211	0.047	0.000	0.000
EVAPOTRANSPIRATION	1.029	1.265	2.185	2.987	2.538	0.742
	0.000	2.141	4.515	2.016	0.755	0.615
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000

ANNUAL TOTALS FOR YEAR 24

	INCHES	CU. FEET	PERCENT
PRECIPITATION	22.18	80513.406	100.00
RUNOFF	2.577	9354.967	11.62
EVAPOTRANSPIRATION	20.788	75459.156	93.72
PERC./LEAKAGE THROUGH LAYER 2	0.000317	1.152	0.00
CHANGE IN WATER STORAGE	-1.185	-4301.822	-5.34
SOIL WATER AT START OF YEAR	11.352	41208.336	
SOIL WATER AT END OF YEAR	10.167	36906.516	
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	-0.042	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 25

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.74 0.33	2.84 3.80	1.00 4.09	0.48 1.21	1.15 0.51	1.06 0.12
RUNOFF	0.000 0.000	0.039 0.384	0.000 0.306	0.000 0.003	0.000 0.000	0.021 0.000
EVAPOTRANSPIRATION	0.732 0.330	1.183 2.624	1.814 3.413	1.168 1.644	1.564 1.025	1.104 0.330
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0000 0.0005	0.0002 0.0000	0.0003 0.0000	0.0000 0.0006

ANNUAL TOTALS FOR YEAR 25

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.33	62907.898	100.00
RUNOFF	0.753	2734.474	4.35
EVAPOTRANSPIRATION	16.930	61456.254	97.69
PERC./LEAKAGE THROUGH LAYER 2	0.001683	6.110	0.01
CHANGE IN WATER STORAGE	-0.355	-1288.956	-2.05
SOIL WATER AT START OF YEAR	10.167	36906.516	
SOIL WATER AT END OF YEAR	9.812	35617.559	
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	0.018	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 26

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.41 0.42	0.78 4.51	1.13 3.21	0.00 4.27	5.86 0.60	2.48 0.48
RUNOFF	0.000 0.000	0.000 0.414	0.027 0.126	0.000 0.525	1.714 0.000	0.177 0.000
EVAPOTRANSPIRATION	0.225 0.420	0.411 2.478	0.594 3.815	0.891 2.327	2.871 1.278	3.750 0.839
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0000 0.0003	0.0000 0.0004	0.0000 0.0000	0.0000 0.0001

ANNUAL TOTALS FOR YEAR 26

	INCHES	CU. FEET	PERCENT
PRECIPITATION	24.15	87664.516	100.00
RUNOFF	2.981	10822.632	12.35
EVAPOTRANSPIRATION	19.899	72233.633	82.40
PERC./LEAKAGE THROUGH LAYER 2	0.000903	3.277	0.00
CHANGE IN WATER STORAGE	1.269	4604.992	5.25
SOIL WATER AT START OF YEAR	9.812	35617.559	
SOIL WATER AT END OF YEAR	11.081	40222.551	
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	-0.022	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 27

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 0.74	0.15 2.32	1.18 1.13	0.55 1.30	4.62 0.92	5.08 0.88
RUNOFF	0.000 0.003	0.000 0.145	0.000 0.000	0.000 0.000	0.665 0.000	1.790 0.001
EVAPOTRANSPIRATION	0.604 0.542	0.405 2.123	1.094 1.379	1.311 1.085	3.377 0.659	4.209 0.599
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0002 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0007 0.0000

ANNUAL TOTALS FOR YEAR 27

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.48	70712.398	100.00
RUNOFF	2.604	9452.118	13.37
EVAPOTRANSPIRATION	17.386	63112.363	89.25
PERC./LEAKAGE THROUGH LAYER 2	0.000975	3.541	0.01
CHANGE IN WATER STORAGE	-0.511	-1855.618	-2.62
SOIL WATER AT START OF YEAR	11.081	40222.551	
SOIL WATER AT END OF YEAR	10.569	38366.934	
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	-0.005	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 28

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 3.11	0.08 4.58	1.35 0.68	0.25 5.11	3.33 0.10	1.24 0.89
RUNOFF	0.000 0.935	0.000 1.083	0.066 0.000	0.000 0.594	0.852 0.000	0.085 0.000
EVAPOTRANSPIRATION	0.680 1.837	0.331 3.510	0.642 1.004	1.009 2.094	2.754 1.273	1.199 0.942
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0001 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 28

	INCHES	CU. FEET	PERCENT
PRECIPITATION	21.33	77427.898	100.00
RUNOFF	3.614	13118.582	16.94
EVAPOTRANSPIRATION	17.276	62711.793	80.99
PERC./LEAKAGE THROUGH LAYER 2	0.000114	0.415	0.00
CHANGE IN WATER STORAGE	0.440	1597.133	2.06
SOIL WATER AT START OF YEAR	10.569	38366.934	
SOIL WATER AT END OF YEAR	11.009	39964.066	
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	-0.023	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 29

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.03 0.48	2.62 4.29	0.33 6.12	0.01 4.97	4.10 1.23	0.36 0.79
RUNOFF	0.001 0.000	0.207 0.377	0.000 1.468	0.000 1.467	1.206 0.100	0.000 0.015
EVAPOTRANSPIRATION	1.023 0.480	1.215 3.636	1.647 4.047	1.028 2.148	2.870 1.118	0.445 0.814
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0001	0.0000 0.0004	0.0000 0.0000	0.0064 0.0001	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 29

	INCHES	CU. FEET	PERCENT
PRECIPITATION	26.33	95577.930	100.00
RUNOFF	4.839	17566.754	18.38
EVAPOTRANSPIRATION	20.471	74309.469	77.75
PERC./LEAKAGE THROUGH LAYER 2	0.006998	25.402	0.03
CHANGE IN WATER STORAGE	1.013	3676.278	3.85
SOIL WATER AT START OF YEAR	11.009	39964.066	
SOIL WATER AT END OF YEAR	12.022	43640.344	
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	0.023	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 30

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.50 3.04	1.84 6.28	1.70 2.40	0.71 2.63	0.70 1.61	0.72 1.72
RUNOFF	0.002 0.246	0.001 1.871	0.046 0.485	0.003 0.140	0.000 0.008	0.000 0.045
EVAPOTRANSPIRATION	0.916 1.719	1.340 5.347	2.135 2.026	1.945 1.434	0.933 1.117	1.060 1.036
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0000	0.0001 0.0000	0.0000 0.0000	0.0000 0.0002	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 30

	INCHES	CU. FEET	PERCENT
PRECIPITATION	23.85	86575.508	100.00
RUNOFF	2.847	10332.934	11.94
EVAPOTRANSPIRATION	21.007	76255.914	88.08
PERC./LEAKAGE THROUGH LAYER 2	0.000312	1.133	0.00
CHANGE IN WATER STORAGE	-0.004	-14.484	-0.02
SOIL WATER AT START OF YEAR	12.022	43640.344	
SOIL WATER AT END OF YEAR	12.018	43625.859	
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	0.011	0.00

AVERAGE MONTHLY VALUES IN INCHES FOR YEARS 1 THROUGH 30

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
<u>PRECIPITATION</u>						
TOTALS	0.66 1.65	0.98 2.31	0.79 3.57	1.08 2.49	1.97 0.96	2.35 0.97
STD. DEVIATIONS	0.44 1.61	0.81 1.57	0.69 1.65	1.17 1.44	1.76 0.97	1.81 0.57
<u>RUNOFF</u>						
TOTALS	0.008 0.294	0.029 0.298	0.015 0.493	0.151 0.292	0.405 0.053	0.462 0.017
STD. DEVIATIONS	0.027 0.634	0.060 0.519	0.029 0.549	0.275 0.368	0.521 0.139	0.636 0.037
<u>EVAPOTRANSPIRATION</u>						
TOTALS	0.729 1.512	0.845 2.055	1.077 2.509	1.291 1.835	1.851 1.000	1.767 0.740
STD. DEVIATIONS	0.266 1.063	0.337 1.222	0.651 1.046	0.711 0.640	0.922 0.416	1.216 0.243
<u>PERCOLATION/LEAKAGE THROUGH LAYER 2</u>						
TOTALS	0.0000 0.0000	0.0000 0.0001	0.0001 0.0001	0.0001 0.0002	0.0015 0.0001	0.0001 0.0001
STD. DEVIATIONS	0.0001 0.0001	0.0001 0.0002	0.0002 0.0003	0.0002 0.0003	0.0041 0.0002	0.0003 0.0001

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

	INCHES		CU. FEET	PERCENT
PRECIPITATION	19.78	(3.525)	71796.6	100.00
RUNOFF	2.517	(1.0706)	9134.98	12.723
EVAPOTRANSPIRATION	17.213	(2.6238)	62481.77	87.026

PERCOLATION/LEAKAGE THROUGH 0.00243 (0.00431) 8.816 0.01228
 LAYER 2

CHANGE IN WATER STORAGE 0.047 (1.2987) 170.99 0.238

PEAK DAILY VALUES FOR YEARS 1 THROUGH 30

	(INCHES)	(CU. FT.)
PRECIPITATION	4.24	15391.199
RUNOFF	2.436	8843.0986
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.021363	77.54668
SNOW WATER	0.00	0.0000
MAXIMUM VEG. SOIL WATER (VOL/VOL)		0.3704
MINIMUM VEG. SOIL WATER (VOL/VOL)		0.2652

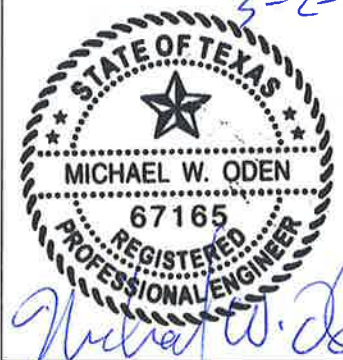
FINAL WATER STORAGE AT END OF YEAR 30

LAYER	(INCHES)	(VOL/VOL)
1	2.7178	0.3883
2	9.3004	0.3100
SNOW WATER	0.000	

ATTACHMENT III-D.8-1
HELP 3.07 OUTPUTS

- A. ALTERNATIVE FINAL COVER – HYDRAULIC CONDUCTIVITY 1×10^{-5}
- B. ALTERNATIVE FINAL COVER – HYDRAULIC CONDUCTIVITY 1×10^{-6}**
- C. PRESCRIPTIVE FINAL COVER – GEOMEMBRANE BELOW INFILTRATION LAYER
- D. PRESCRIPTIVE FINAL COVER – GEOMEMBRANE ABOVE INFILTRATION LAYER

3-2-2015



Michael W. Oden

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MATERIAL TEXTURE NUMBER 0

THICKNESS	=	30.00	INCHES
POROSITY	=	0.4750	VOL/VOL
FIELD CAPACITY	=	0.3780	VOL/VOL
WILTING POINT	=	0.2650	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.3696	VOL/VOL
EFFECTIVE SAT. HYD. COND.	=	0.999999997000E-06	CM/SEC

GENERAL DESIGN AND EVAPORATIVE ZONE DATA

NOTE: SCS RUNOFF CURVE NUMBER WAS USER-SPECIFIED.

SCS RUNOFF CURVE NUMBER	=	92.00	
FRACTION OF AREA ALLOWING RUNOFF	=	100.0	PERCENT
AREA PROJECTED ON HORIZONTAL PLANE	=	1.000	ACRES
EVAPORATIVE ZONE DEPTH	=	37.0	INCHES
INITIAL WATER IN EVAPORATIVE ZONE	=	13.838	INCHES
UPPER LIMIT OF EVAPORATIVE STORAGE	=	17.309	INCHES
LOWER LIMIT OF EVAPORATIVE STORAGE	=	9.812	INCHES
INITIAL SNOW WATER	=	0.000	INCHES
INITIAL WATER IN LAYER MATERIALS	=	13.838	INCHES
TOTAL INITIAL WATER	=	13.838	INCHES
TOTAL SUBSURFACE INFLOW	=	0.00	INCHES/YEAR

EVAPOTRANSPIRATION AND WEATHER DATA

NOTE: EVAPOTRANSPIRATION DATA WAS OBTAINED FROM
BROWNSVILLE TEXAS

STATION LATITUDE	=	27.34	DEGREES
MAXIMUM LEAF AREA INDEX	=	0.00	
START OF GROWING SEASON (JULIAN DATE)	=	0	
END OF GROWING SEASON (JULIAN DATE)	=	365	
EVAPORATIVE ZONE DEPTH	=	37.0	INCHES
AVERAGE ANNUAL WIND SPEED	=	11.60	MPH
AVERAGE 1ST QUARTER RELATIVE HUMIDITY	=	76.00	%
AVERAGE 2ND QUARTER RELATIVE HUMIDITY	=	75.00	%
AVERAGE 3RD QUARTER RELATIVE HUMIDITY	=	74.00	%
AVERAGE 4TH QUARTER RELATIVE HUMIDITY	=	76.00	%

NOTE: PRECIPITATION DATA WAS SYNTHETICALLY GENERATED USING
COEFFICIENTS FOR BROWNSVILLE TEXAS

NORMAL MEAN MONTHLY PRECIPITATION (INCHES)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
-----	-----	-----	-----	-----	-----
0.82	0.86	0.88	1.37	2.65	2.68
1.93	2.29	3.09	2.41	1.07	0.91

NOTE: TEMPERATURE DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS

NORMAL MEAN MONTHLY TEMPERATURE (DEGREES FAHRENHEIT)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
56.50	61.00	68.80	76.00	82.00	86.50
87.90	87.90	82.90	75.40	65.50	57.70

NOTE: SOLAR RADIATION DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS
 AND STATION LATITUDE = 27.34 DEGREES

MONTHLY TOTALS (IN INCHES) FOR YEAR 1

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.32	0.49	0.35	0.01	0.00	3.60
	0.00	2.82	3.54	2.89	0.72	1.56
RUNOFF	0.000	0.000	0.011	0.000	0.000	1.661
	0.000	0.333	0.823	0.912	0.027	0.089
EVAPOTRANSPIRATION	0.393	0.248	0.491	0.182	0.166	1.602
	0.393	1.974	2.687	2.191	0.614	1.389
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0001	0.0003	0.0000	0.0000	0.0001	0.0025
	0.0007	0.0008	0.0084	0.0004	0.0000	0.0002

ANNUAL TOTALS FOR YEAR 1

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.30	59169.004	100.00
RUNOFF	3.855	13993.357	23.65
EVAPOTRANSPIRATION	12.330	44759.418	75.65
PERC./LEAKAGE THROUGH LAYER 2	0.013606	49.388	0.08
CHANGE IN WATER STORAGE	0.101	366.823	0.62

SOIL WATER AT START OF YEAR	13.838	50232.117	
SOIL WATER AT END OF YEAR	13.939	50598.941	
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	0.016	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 2

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.00 1.02	2.53 1.46	1.70 7.20	0.01 3.49	4.17 0.29	3.37 0.94
RUNOFF	0.000 0.244	0.376 0.143	0.307 3.476	0.000 0.953	2.275 0.000	1.727 0.028
EVAPOTRANSPIRATION	0.385 0.710	1.218 0.874	1.880 4.009	0.364 1.700	1.523 1.044	2.279 0.828
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0001 0.0000	0.0008 0.0003	0.0029 0.0001	0.0007 0.0031	0.0038 0.0014	0.0036 0.0007

ANNUAL TOTALS FOR YEAR 2

	INCHES	CU. FEET	PERCENT
PRECIPITATION	26.18	95033.414	100.00
RUNOFF	9.529	34591.148	36.40
EVAPOTRANSPIRATION	16.815	61038.516	64.23
PERC./LEAKAGE THROUGH LAYER 2	0.017476	63.437	0.07
CHANGE IN WATER STORAGE	-0.182	-659.650	-0.69
SOIL WATER AT START OF YEAR	13.939	50598.941	

SOIL WATER AT END OF YEAR	13.757	49939.293	
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	-0.037	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 3

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.20 1.52	1.92 1.27	0.63 3.38	0.00 0.62	1.32 0.29	7.54 0.61
RUNOFF	0.000 0.121	0.422 0.033	0.005 0.964	0.000 0.071	0.223 0.000	4.232 0.000
EVAPOTRANSPIRATION	0.393 1.093	1.074 1.273	0.641 2.648	0.276 0.570	1.184 0.319	3.085 0.289
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0014 0.0002	0.0002 0.0005	0.0123 0.0055	0.0002 0.0001	0.0002 0.0000	0.0013 0.0000

ANNUAL TOTALS FOR YEAR 3

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.30	70059.008	100.00
RUNOFF	6.071	22036.529	31.45
EVAPOTRANSPIRATION	12.845	46627.727	66.55
PERC./LEAKAGE THROUGH LAYER 2	0.021798	79.127	0.11
CHANGE IN WATER STORAGE	0.362	1315.630	1.88
SOIL WATER AT START OF YEAR	13.757	49939.293	
SOIL WATER AT END OF YEAR	14.120	51254.922	

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 (IN INCHES) FOR YEAR 4

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.06 1.57	1.72 0.80	1.42 4.29	0.22 3.33	5.20 0.29	1.02 1.23
RUNOFF	0.052 0.442	0.179 0.060	0.206 1.003	0.013 1.689	2.391 0.000	0.144 0.002
EVAPOTRANSPIRATION	1.008 1.338	1.870 0.540	1.105 3.155	0.432 1.916	2.864 0.560	0.472 0.693
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0041	0.0005 0.0000	0.0001 0.0058	0.0000 0.0009	0.0008 0.0002	0.0002 0.0000

ANNUAL TOTALS FOR YEAR 4

	INCHES	CU. FEET	PERCENT
PRECIPITATION	22.15	80404.516	100.00
RUNOFF	6.181	22436.537	27.90
EVAPOTRANSPIRATION	15.955	57916.746	72.03
PERC./LEAKAGE THROUGH LAYER 2	0.012594	45.716	0.06
CHANGE IN WATER STORAGE	0.002	5.525	0.01
SOIL WATER AT START OF YEAR	14.120	51254.922	
SOIL WATER AT END OF YEAR	14.121	51260.445	
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	-0.013	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 5

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.77 1.71	0.26 1.62	1.35 2.89	0.00 0.70	3.51 0.59	0.42 0.20
RUNOFF	0.002 0.242	0.000 0.300	0.142 0.985	0.000 0.004	1.558 0.004	0.001 0.000
EVAPOTRANSPIRATION	0.734 1.502	0.423 1.011	1.530 2.229	0.420 0.494	1.512 0.339	0.422 0.355
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0029 0.0023	0.0012 0.0000	0.0027 0.0033	0.0000 0.0000	0.0000 0.0001	0.0002 0.0007

ANNUAL TOTALS FOR YEAR 5

	INCHES	CU. FEET	PERCENT
PRECIPITATION	14.02	50892.621	100.00
RUNOFF	3.237	11748.719	23.09
EVAPOTRANSPIRATION	10.969	39818.328	78.24
PERC./LEAKAGE THROUGH LAYER 2	0.013357	48.484	0.10
CHANGE IN WATER STORAGE	-0.199	-722.949	-1.42
SOIL WATER AT START OF YEAR	14.121	51260.445	
SOIL WATER AT END OF YEAR	13.922	50537.496	
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	0.041	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 6

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.88 1.61	1.39 2.56	0.71 4.85	2.86 3.49	0.19 1.70	4.18 0.85
RUNOFF	0.103 0.421	0.298 0.580	0.006 2.004	1.615 1.267	0.000 0.635	1.769 0.002
EVAPOTRANSPIRATION	0.260 1.643	1.852 1.774	0.477 2.737	1.442 2.502	0.432 1.236	1.547 0.527
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0001	0.0004 0.0000	0.0001 0.0032	0.0000 0.0047	0.0002 0.0001	0.0055 0.0001

ANNUAL TOTALS FOR YEAR 6

	INCHES	CU. FEET	PERCENT
PRECIPITATION	25.27	91730.102	100.00
RUNOFF	8.698	31575.297	34.42
EVAPOTRANSPIRATION	16.430	59641.699	65.02
PERC./LEAKAGE THROUGH LAYER 2	0.014455	52.470	0.06
CHANGE IN WATER STORAGE	0.127	460.643	0.50
SOIL WATER AT START OF YEAR	13.922	50537.496	
SOIL WATER AT END OF YEAR	14.049	50998.141	
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	-0.006	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 7

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.53 0.98	0.84 1.79	0.18 6.42	0.00 4.31	1.84 2.12	4.13 1.13
RUNOFF	0.001 0.214	0.056 0.231	0.000 2.542	0.000 1.618	0.315 0.148	1.853 0.072
EVAPOTRANSPIRATION	0.889 1.292	0.752 1.086	0.415 3.517	0.260 3.041	0.795 1.590	2.411 1.366
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0009 0.0002	0.0002 0.0017	0.0000 0.0004	0.0000 0.0032	0.0006 0.0002	0.0018 0.0001

ANNUAL TOTALS FOR YEAR 7

	INCHES	CU. FEET	PERCENT
PRECIPITATION	24.27	88100.094	100.00
RUNOFF	7.050	25589.824	29.05
EVAPOTRANSPIRATION	17.415	63214.855	71.75
PERC./LEAKAGE THROUGH LAYER 2	0.009241	33.545	0.04
CHANGE IN WATER STORAGE	-0.203	-738.102	-0.84
SOIL WATER AT START OF YEAR	14.049	50998.141	
SOIL WATER AT END OF YEAR	13.846	50260.039	
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	-0.027	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 8

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 7.47	1.49 0.96	0.34 2.83	2.35 0.51	0.73 0.37	0.44 0.36
RUNOFF	0.003 4.918	0.253 0.038	0.009 0.699	0.953 0.040	0.024 0.000	0.021 0.000
EVAPOTRANSPIRATION	0.431 2.320	1.454 1.028	0.483 2.020	1.285 0.991	0.757 0.353	0.289 0.280
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0005	0.0003 0.0004	0.0001 0.0007	0.0000 0.0010	0.0002 0.0008	0.0004 0.0000

ANNUAL TOTALS FOR YEAR 8

	INCHES	CU. FEET	PERCENT
PRECIPITATION	18.46	67009.797	100.00
RUNOFF	6.957	25253.971	37.69
EVAPOTRANSPIRATION	11.692	42440.215	63.33
PERC./LEAKAGE THROUGH LAYER 2	0.004333	15.731	0.02
CHANGE IN WATER STORAGE	-0.193	-700.119	-1.04
SOIL WATER AT START OF YEAR	13.846	50260.039	
SOIL WATER AT END OF YEAR	13.653	49559.918	
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	-0.002	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 9

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 0.85	0.78 4.09	0.09 2.09	0.53 0.88	0.52 3.26	3.57 0.51
RUNOFF	0.001 0.138	0.009 2.749	0.000 0.718	0.065 0.074	0.022 1.112	1.180 0.014
EVAPOTRANSPIRATION	0.252 0.458	0.504 1.627	0.173 1.047	0.408 1.097	1.273 0.866	2.063 1.138
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0001	0.0000 0.0009	0.0000 0.0000	0.0015 0.0007	0.0021 0.0007

ANNUAL TOTALS FOR YEAR 9

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.78	64541.402	100.00
RUNOFF	6.081	22074.396	34.20
EVAPOTRANSPIRATION	10.908	39596.906	61.35
PERC./LEAKAGE THROUGH LAYER 2	0.006124	22.230	0.03
CHANGE IN WATER STORAGE	0.785	2847.884	4.41
SOIL WATER AT START OF YEAR	13.653	49559.918	
SOIL WATER AT END OF YEAR	14.437	52407.805	
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	-0.014	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 10

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.95 2.27	0.33 0.69	1.00 3.75	3.20 4.04	0.00 1.04	5.40 1.08
RUNOFF	0.003 1.111	0.003 0.009	0.114 1.467	1.017 1.279	0.000 0.172	3.378 0.121
EVAPOTRANSPIRATION	0.913 2.104	0.450 0.429	1.100 1.460	1.583 2.732	0.992 1.790	0.760 0.794
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0002 0.0073	0.0000 0.0000	0.0033 0.0008	0.0005 0.0036	0.0002 0.0016	0.0004 0.0000

ANNUAL TOTALS FOR YEAR 10

	INCHES	CU. FEET	PERCENT
PRECIPITATION	23.75	86212.500	100.00
RUNOFF	8.673	31482.338	36.52
EVAPOTRANSPIRATION	15.107	54840.164	63.61
PERC./LEAKAGE THROUGH LAYER 2	0.017826	64.707	0.08
CHANGE IN WATER STORAGE	-0.048	-174.688	-0.20
SOIL WATER AT START OF YEAR	14.437	52407.805	
SOIL WATER AT END OF YEAR	14.389	52233.117	
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	-0.020	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 11

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.55	0.97	0.05	0.98	1.85	0.95
	3.52	4.21	2.13	0.31	0.90	0.53
RUNOFF	0.111	0.056	0.000	0.201	0.622	0.192
	1.285	1.578	0.532	0.000	0.155	0.001
EVAPOTRANSPIRATION	1.653	0.378	0.415	1.060	1.161	0.536
	1.880	3.130	1.617	0.458	1.000	0.347
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0030	0.0001	0.0002	0.0025	0.0064	0.0002
	0.0067	0.0043	0.0017	0.0001	0.0014	0.0004

ANNUAL TOTALS FOR YEAR 11

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.95	65158.516	100.00
RUNOFF	4.733	17181.650	26.37
EVAPOTRANSPIRATION	13.634	49490.410	75.95
PERC./LEAKAGE THROUGH LAYER 2	0.026795	97.266	0.15
CHANGE IN WATER STORAGE	-0.444	-1610.817	-2.47
SOIL WATER AT START OF YEAR	14.389	52233.117	
SOIL WATER AT END OF YEAR	13.946	50622.297	
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	0.006	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 12

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.42 0.63	0.97 0.92	0.43 5.10	1.23 1.74	0.18 4.50	2.64 0.29
RUNOFF	0.000 0.038	0.073 0.151	0.017 2.245	0.474 0.403	0.000 1.656	0.329 0.000
EVAPOTRANSPIRATION	0.254 0.569	1.046 0.685	0.339 2.694	1.206 1.639	0.316 2.174	1.806 0.701
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0002 0.0002	0.0015 0.0017	0.0000 0.0003	0.0045 0.0004	0.0000 0.0011	0.0041 0.0000

ANNUAL TOTALS FOR YEAR 12

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.05	69151.516	100.00
RUNOFF	5.386	19551.846	28.27
EVAPOTRANSPIRATION	13.430	48751.863	70.50
PERC./LEAKAGE THROUGH LAYER 2	0.013938	50.597	0.07
CHANGE IN WATER STORAGE	0.220	797.202	1.15
SOIL WATER AT START OF YEAR	13.946	50622.297	
SOIL WATER AT END OF YEAR	14.165	51419.500	
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	0.010	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 13

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.13 0.34	0.38 1.36	0.23 1.78	2.90 2.05	3.47 0.47	2.21 1.46
RUNOFF	0.000 0.005	0.000 0.412	0.000 0.355	1.562 0.495	1.437 0.000	0.757 0.341
EVAPOTRANSPIRATION	0.303 1.259	0.225 0.551	0.201 1.363	1.537 1.291	1.449 0.948	1.003 1.096
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0022	0.0001 0.0002	0.0000 0.0052	0.0035 0.0003	0.0024 0.0012	0.0000 0.0012

ANNUAL TOTALS FOR YEAR 13

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.78	60911.418	100.00
RUNOFF	5.364	19471.846	31.97
EVAPOTRANSPIRATION	11.226	40751.102	66.90
PERC./LEAKAGE THROUGH LAYER 2	0.016267	59.048	0.10
CHANGE IN WATER STORAGE	0.173	629.411	1.03
SOIL WATER AT START OF YEAR	14.165	51419.500	
SOIL WATER AT END OF YEAR	14.339	52048.910	
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	0.009	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 14

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.46 1.02	0.03 1.49	0.15 3.45	0.09 4.35	1.16 0.45	3.05 0.75
RUNOFF	0.005 0.088	0.000 0.244	0.000 1.116	0.000 1.979	0.202 0.000	1.645 0.099
EVAPOTRANSPIRATION	0.497 1.076	0.263 1.422	0.232 1.667	0.190 2.656	0.413 0.440	1.380 0.899
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0001 0.0001	0.0000 0.0029	0.0010 0.0015	0.0001 0.0066	0.0001 0.0000	0.0043 0.0005

ANNUAL TOTALS FOR YEAR 14

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.45	59713.508	100.00
RUNOFF	5.378	19521.012	32.69
EVAPOTRANSPIRATION	11.134	40417.219	67.69
PERC./LEAKAGE THROUGH LAYER 2	0.017187	62.390	0.10
CHANGE IN WATER STORAGE	-0.079	-287.121	-0.48
SOIL WATER AT START OF YEAR	14.339	52048.910	
SOIL WATER AT END OF YEAR	14.259	51761.789	
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	0.009	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 15

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.20 0.46	0.44 1.27	0.39 3.68	0.00 1.28	3.65 0.81	3.26 1.65
RUNOFF	0.000 0.003	0.000 0.291	0.011 0.768	0.000 0.250	1.747 0.051	2.018 0.304
EVAPOTRANSPIRATION	0.323 0.370	0.231 1.192	0.206 2.016	0.170 1.047	1.856 1.001	1.424 1.368
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0004 0.0002	0.0000 0.0002	0.0006 0.0015	0.0000 0.0001	0.0070 0.0010	0.0009 0.0005

ANNUAL TOTALS FOR YEAR 15

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.09	62036.699	100.00
RUNOFF	5.443	19756.326	31.85
EVAPOTRANSPIRATION	11.206	40678.117	65.57
PERC./LEAKAGE THROUGH LAYER 2	0.012513	45.421	0.07
CHANGE IN WATER STORAGE	0.429	1556.861	2.51
SOIL WATER AT START OF YEAR	14.259	51761.789	
SOIL WATER AT END OF YEAR	14.688	53318.652	
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	-0.025	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 16

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.98 3.69	0.34 3.76	0.05 2.83	2.63 1.49	0.17 1.75	0.64 0.14
RUNOFF	0.053 1.747	0.000 2.214	0.000 0.477	1.238 0.253	0.000 0.493	0.048 0.000
EVAPOTRANSPIRATION	1.034 1.985	0.353 1.466	0.260 1.876	1.531 1.724	0.404 1.133	0.261 0.556
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0007 0.0062	0.0000 0.0028	0.0003 0.0014	0.0045 0.0007	0.0003 0.0002	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 16

	INCHES	CU. FEET	PERCENT
PRECIPITATION	18.47	67046.102	100.00
RUNOFF	6.522	23676.211	35.31
EVAPOTRANSPIRATION	12.583	45676.609	68.13
PERC./LEAKAGE THROUGH LAYER 2	0.017036	61.840	0.09
CHANGE IN WATER STORAGE	-0.652	-2368.555	-3.53
SOIL WATER AT START OF YEAR	14.688	53318.652	
SOIL WATER AT END OF YEAR	14.036	50950.098	
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	-0.001	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 17

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.53	0.75	0.42	0.22	3.01	3.82
	2.92	2.98	3.29	2.33	0.31	1.35
RUNOFF	0.007	0.143	0.000	0.000	0.766	1.324
	1.220	0.692	1.017	0.495	0.000	0.231
EVAPOTRANSPIRATION	0.302	0.830	0.385	0.253	1.810	2.513
	1.474	2.280	2.671	1.841	0.358	0.779
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000	0.0000	0.0007	0.0006	0.0022	0.0084
	0.0061	0.0126	0.0039	0.0013	0.0000	0.0009

ANNUAL TOTALS FOR YEAR 17

	INCHES	CU. FEET	PERCENT
PRECIPITATION	21.93	79605.914	100.00
RUNOFF	5.894	21396.143	26.88
EVAPOTRANSPIRATION	15.495	56247.180	70.66
PERC./LEAKAGE THROUGH LAYER 2	0.036755	133.421	0.17
CHANGE IN WATER STORAGE	0.504	1829.166	2.30
SOIL WATER AT START OF YEAR	14.036	50950.098	
SOIL WATER AT END OF YEAR	14.540	52779.262	
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	0.007	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 18

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.00 0.26	0.35 1.06	2.93 6.22	1.97 4.07	0.22 0.41	1.21 1.75
RUNOFF	0.000 0.000	0.000 0.121	0.424 3.069	0.605 1.497	0.000 0.008	0.350 0.189
EVAPOTRANSPIRATION	0.835 1.045	0.287 0.595	1.831 2.921	1.529 2.762	0.339 0.602	0.553 1.289
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0003 0.0003	0.0004 0.0000	0.0002 0.0037	0.0004 0.0014	0.0002 0.0004	0.0004 0.0007

ANNUAL TOTALS FOR YEAR 18

	INCHES	CU. FEET	PERCENT
PRECIPITATION	20.45	74233.492	100.00
RUNOFF	6.263	22734.086	30.63
EVAPOTRANSPIRATION	14.586	52945.496	71.32
PERC./LEAKAGE THROUGH LAYER 2	0.008287	30.081	0.04
CHANGE IN WATER STORAGE	-0.407	-1476.162	-1.99
SOIL WATER AT START OF YEAR	14.540	52779.262	
SOIL WATER AT END OF YEAR	14.133	51303.098	
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	-0.004	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 19

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.88 4.12	1.31 0.75	1.22 1.44	1.00 3.92	2.36 1.22	0.53 0.44
RUNOFF	0.030 2.130	0.469 0.017	0.102 0.305	0.332 1.038	1.223 0.126	0.004 0.001
EVAPOTRANSPIRATION	0.824 1.875	0.750 0.741	1.177 1.409	1.153 2.771	1.295 1.084	0.381 0.446
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0002 0.0027	0.0014 0.0005	0.0001 0.0022	0.0035 0.0055	0.0028 0.0003	0.0003 0.0002

ANNUAL TOTALS FOR YEAR 19

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.19	69659.695	100.00
RUNOFF	5.776	20968.068	30.10
EVAPOTRANSPIRATION	13.906	50479.820	72.47
PERC./LEAKAGE THROUGH LAYER 2	0.019726	71.606	0.10
CHANGE IN WATER STORAGE	-0.512	-1859.810	-2.67
SOIL WATER AT START OF YEAR	14.133	51303.098	
SOIL WATER AT END OF YEAR	13.621	49443.289	
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	0.013	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 20

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.69 2.09	0.16 0.97	0.81 5.25	1.98 0.91	0.27 0.00	0.06 0.83
RUNOFF	0.012 0.578	0.000 0.234	0.019 2.810	0.584 0.029	0.000 0.000	0.000 0.094
EVAPOTRANSPIRATION	0.767 1.228	0.417 0.870	0.292 1.957	1.594 1.306	0.382 0.323	0.258 0.268
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0011 0.0022	0.0000 0.0004	0.0002 0.0002	0.0016 0.0007	0.0001 0.0007	0.0001 0.0000

ANNUAL TOTALS FOR YEAR 20

	INCHES	CU. FEET	PERCENT
PRECIPITATION	14.02	50892.605	100.00
RUNOFF	4.360	15827.236	31.10
EVAPOTRANSPIRATION	9.661	35070.051	68.91
PERC./LEAKAGE THROUGH LAYER 2	0.007382	26.796	0.05
CHANGE IN WATER STORAGE	-0.009	-31.489	-0.06
SOIL WATER AT START OF YEAR	13.621	49443.289	
SOIL WATER AT END OF YEAR	13.612	49411.801	
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	0.011	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 21

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.83 0.72	0.60 1.05	0.07 2.27	1.08 2.36	2.41 0.62	1.31 2.34
RUNOFF	0.081 0.110	0.001 0.125	0.000 0.313	0.079 0.602	0.997 0.006	0.132 0.678
EVAPOTRANSPIRATION	0.545 0.555	0.745 0.974	0.319 1.998	0.687 2.009	2.045 0.410	0.627 1.234
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0007 0.0002	0.0004 0.0049	0.0001 0.0017	0.0001 0.0072	0.0038 0.0001	0.0002 0.0002

ANNUAL TOTALS FOR YEAR 21

	INCHES	CU. FEET	PERCENT
PRECIPITATION	15.66	56845.797	100.00
RUNOFF	3.123	11337.950	19.95
EVAPOTRANSPIRATION	12.147	44093.297	77.57
PERC./LEAKAGE THROUGH LAYER 2	0.019438	70.561	0.12
CHANGE IN WATER STORAGE	0.370	1344.010	2.36
SOIL WATER AT START OF YEAR	13.612	49411.801	
SOIL WATER AT END OF YEAR	13.982	50755.812	
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	-0.022	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 22

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.77 0.42	0.83 0.87	0.78 4.52	0.97 1.86	0.55 0.58	3.16 1.38
RUNOFF	0.298 0.004	0.097 0.059	0.105 1.974	0.040 0.762	0.091 0.000	0.958 0.373
EVAPOTRANSPIRATION	2.022 1.192	0.431 0.604	0.835 2.530	0.898 1.458	0.581 0.379	1.568 0.581
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0008 0.0121	0.0004 0.0046	0.0009 0.0000	0.0000 0.0011	0.0001 0.0000	0.0013 0.0000

ANNUAL TOTALS FOR YEAR 22

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.69	64214.723	100.00
RUNOFF	4.763	17288.016	26.92
EVAPOTRANSPIRATION	13.078	47471.328	73.93
PERC./LEAKAGE THROUGH LAYER 2	0.021290	77.284	0.12
CHANGE IN WATER STORAGE	-0.171	-621.916	-0.97
SOIL WATER AT START OF YEAR	13.982	50755.812	
SOIL WATER AT END OF YEAR	13.811	50133.895	
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	0.008	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 23

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.09 2.18	0.12 0.67	0.00 1.64	2.07 1.89	2.69 1.07	2.12 1.96
RUNOFF	0.000 0.323	0.000 0.049	0.000 0.164	0.415 0.463	1.122 0.120	0.813 0.308
EVAPOTRANSPIRATION	0.655 1.637	0.292 0.911	0.234 1.024	0.992 1.972	1.552 1.036	1.307 0.905
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0028	0.0002 0.0002	0.0000 0.0009	0.0000 0.0026	0.0000 0.0033	0.0001 0.0095

ANNUAL TOTALS FOR YEAR 23

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.50	59895.016	100.00
RUNOFF	3.777	13710.886	22.89
EVAPOTRANSPIRATION	12.516	45433.691	75.86
PERC./LEAKAGE THROUGH LAYER 2	0.019466	70.662	0.12
CHANGE IN WATER STORAGE	0.187	679.773	1.13
SOIL WATER AT START OF YEAR	13.811	50133.895	
SOIL WATER AT END OF YEAR	13.998	50813.668	
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	0.001	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 24

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.46	2.05	1.84	3.96	0.00	0.79
	0.00	4.21	4.56	2.34	0.00	0.97
RUNOFF	0.187	0.123	0.225	1.722	0.000	0.095
	0.000	1.254	2.078	0.452	0.000	0.005
EVAPOTRANSPIRATION	1.731	1.547	1.913	2.299	0.581	0.291
	0.222	2.050	2.951	1.751	0.593	0.410
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0001	0.0013	0.0018	0.0008	0.0000	0.0000
	0.0000	0.0014	0.0000	0.0024	0.0004	0.0001

ANNUAL TOTALS FOR YEAR 24

	INCHES	CU. FEET	PERCENT
PRECIPITATION	22.18	80513.406	100.00
RUNOFF	6.142	22293.664	27.69
EVAPOTRANSPIRATION	16.340	59313.043	73.67
PERC./LEAKAGE THROUGH LAYER 2	0.008267	30.010	0.04
CHANGE IN WATER STORAGE	-0.309	-1123.307	-1.40
SOIL WATER AT START OF YEAR	13.998	50813.668	
SOIL WATER AT END OF YEAR	13.689	49690.359	
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	-0.003	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 25

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.74 0.33	2.84 3.80	1.00 4.09	0.48 1.21	1.15 0.51	1.06 0.12
RUNOFF	0.041 0.000	0.399 1.227	0.037 1.253	0.001 0.116	0.084 0.033	0.216 0.004
EVAPOTRANSPIRATION	0.867 0.349	2.044 2.117	1.470 2.501	0.391 1.438	0.768 0.589	1.414 0.313
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0002	0.0034 0.0031	0.0019 0.0016	0.0005 0.0011	0.0000 0.0001	0.0009 0.0001

ANNUAL TOTALS FOR YEAR 25

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.33	62907.898	100.00
RUNOFF	3.412	12385.461	19.69
EVAPOTRANSPIRATION	14.259	51761.148	82.28
PERC./LEAKAGE THROUGH LAYER 2	0.012759	46.316	0.07
CHANGE IN WATER STORAGE	-0.354	-1285.017	-2.04
SOIL WATER AT START OF YEAR	13.689	49690.359	
SOIL WATER AT END OF YEAR	13.335	48405.344	
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	-0.010	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 26

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.41 0.42	0.78 4.51	1.13 3.21	0.00 4.27	5.86 0.60	2.48 0.48
RUNOFF	0.003 0.012	0.040 1.455	0.143 0.742	0.000 1.430	2.883 0.011	0.750 0.000
EVAPOTRANSPIRATION	0.256 0.445	0.422 2.149	1.058 3.135	0.478 2.505	2.088 0.703	2.575 0.394
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0017	0.0000 0.0038	0.0003 0.0000	0.0031 0.0000	0.0041 0.0000

ANNUAL TOTALS FOR YEAR 26

	INCHES	CU. FEET	PERCENT
PRECIPITATION	24.15	87664.516	100.00
RUNOFF	7.469	27113.271	30.93
EVAPOTRANSPIRATION	16.206	58828.047	67.11
PERC./LEAKAGE THROUGH LAYER 2	0.013037	47.323	0.05
CHANGE IN WATER STORAGE	0.462	1675.883	1.91
SOIL WATER AT START OF YEAR	13.335	48405.344	
SOIL WATER AT END OF YEAR	13.796	50081.227	
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	-0.012	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 27

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 0.74	0.15 2.32	1.18 1.13	0.55 1.30	4.62 0.92	5.08 0.88
RUNOFF	0.006 0.071	0.004 0.616	0.045 0.124	0.001 0.133	1.636 0.039	3.223 0.101
EVAPOTRANSPIRATION	0.898 0.386	0.424 1.913	0.812 0.711	0.465 1.553	2.799 0.524	2.078 0.981
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0005 0.0000	0.0003 0.0031	0.0007 0.0001	0.0000 0.0004	0.0019 0.0003	0.0006 0.0013

ANNUAL TOTALS FOR YEAR 27

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.48	70712.398	100.00
RUNOFF	5.999	21776.945	30.80
EVAPOTRANSPIRATION	13.543	49159.641	69.52
PERC./LEAKAGE THROUGH LAYER 2	0.009153	33.227	0.05
CHANGE IN WATER STORAGE	-0.071	-257.412	-0.36
SOIL WATER AT START OF YEAR	13.796	50081.227	
SOIL WATER AT END OF YEAR	13.726	49823.816	
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	-0.002	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 28

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 3.11	0.08 4.58	1.35 0.68	0.25 5.11	3.33 0.10	1.24 0.89
RUNOFF	0.002 1.561	0.000 2.086	0.307 0.024	0.000 1.772	1.561 0.000	0.222 0.001
EVAPOTRANSPIRATION	0.572 1.554	0.292 2.424	0.746 0.990	0.572 2.589	1.937 1.054	0.649 0.414
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0002 0.0012	0.0004 0.0036	0.0009 0.0019	0.0000 0.0015	0.0001 0.0018	0.0003 0.0000

ANNUAL TOTALS FOR YEAR 28

	INCHES	CU. FEET	PERCENT
PRECIPITATION	21.33	77427.898	100.00
RUNOFF	7.536	27356.270	35.33
EVAPOTRANSPIRATION	13.792	50065.434	64.66
PERC./LEAKAGE THROUGH LAYER 2	0.011867	43.075	0.06
CHANGE IN WATER STORAGE	-0.010	-36.862	-0.05
SOIL WATER AT START OF YEAR	13.726	49823.816	
SOIL WATER AT END OF YEAR	13.715	49786.953	
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	-0.017	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 29

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.03 0.48	2.62 4.29	0.33 6.12	0.01 4.97	4.10 1.23	0.36 0.79
RUNOFF	0.090 0.000	0.802 1.263	0.006 2.960	0.000 2.534	1.871 0.214	0.000 0.104
EVAPOTRANSPIRATION	1.229 0.309	1.216 2.749	0.718 2.928	0.291 1.733	2.020 1.771	0.478 0.490
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0073 0.0000	0.0000 0.0052	0.0001 0.0010	0.0000 0.0023	0.0000 0.0023	0.0000 0.0000

ANNUAL TOTALS FOR YEAR 29

	INCHES	CU. FEET	PERCENT
PRECIPITATION	26.33	95577.930	100.00
RUNOFF	9.844	35734.816	37.39
EVAPOTRANSPIRATION	15.933	57836.102	60.51
PERC./LEAKAGE THROUGH LAYER 2	0.018148	65.876	0.07
CHANGE IN WATER STORAGE	0.535	1941.129	2.03
SOIL WATER AT START OF YEAR	13.715	49786.953	
SOIL WATER AT END OF YEAR	14.250	51728.082	
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	0.006	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 30

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.50 3.04	1.84 6.28	1.70 2.40	0.71 2.63	0.70 1.61	0.72 1.72
RUNOFF	0.037 0.988	0.122 3.688	0.231 0.704	0.095 0.826	0.030 0.177	0.031 0.241
EVAPOTRANSPIRATION	0.898 1.146	1.099 3.477	1.528 1.286	0.969 1.825	0.594 1.242	1.028 1.385
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0001 0.0017	0.0002 0.0030	0.0029 0.0002	0.0002 0.0019	0.0001 0.0022	0.0000 0.0001

ANNUAL TOTALS FOR YEAR 30

	INCHES	CU. FEET	PERCENT
PRECIPITATION	23.85	86575.508	100.00
RUNOFF	7.170	26028.539	30.06
EVAPOTRANSPIRATION	16.478	59813.371	69.09
PERC./LEAKAGE THROUGH LAYER 2	0.012568	45.623	0.05
CHANGE IN WATER STORAGE	0.190	687.978	0.79
SOIL WATER AT START OF YEAR	14.250	51728.082	
SOIL WATER AT END OF YEAR	14.440	52416.059	
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	-0.001	0.00

AVERAGE MONTHLY VALUES IN INCHES FOR YEARS 1 THROUGH 30

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
<u>PRECIPITATION</u>						
TOTALS	0.66 1.65	0.98 2.31	0.79 3.57	1.08 2.49	1.97 0.96	2.35 0.97
STD. DEVIATIONS	0.44 1.61	0.81 1.57	0.69 1.65	1.17 1.44	1.76 0.97	1.81 0.57
<u>RUNOFF</u>						
TOTALS	0.038 0.600	0.131 0.742	0.082 1.257	0.367 0.781	0.769 0.173	0.969 0.113
STD. DEVIATIONS	0.067 1.013	0.194 0.930	0.116 0.975	0.548 0.691	0.882 0.368	1.128 0.159
<u>EVAPOTRANSPIRATION</u>						
TOTALS	0.737 1.114	0.771 1.464	0.775 2.192	0.831 1.785	1.196 0.869	1.235 0.750
STD. DEVIATIONS	0.458 0.610	0.547 0.813	0.554 0.826	0.572 0.706	0.745 0.491	0.824 0.385
<u>PERCOLATION/LEAKAGE THROUGH LAYER 2</u>						
TOTALS	0.0007 0.0020	0.0005 0.0020	0.0011 0.0021	0.0008 0.0018	0.0013 0.0007	0.0015 0.0006
STD. DEVIATIONS	0.0015 0.0029	0.0007 0.0026	0.0023 0.0021	0.0014 0.0020	0.0019 0.0008	0.0020 0.0017

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

	INCHES		CU. FEET	PERCENT
PRECIPITATION	19.78	(3.525)	71796.6	100.00
RUNOFF	6.023	(1.7565)	21863.08	30.451
EVAPOTRANSPIRATION	13.721	(2.1254)	49805.93	69.371

PERCOLATION/LEAKAGE THROUGH 0.01509 (0.00655) 54.775 0.07629
 LAYER 2

CHANGE IN WATER STORAGE 0.020 (0.3449) 72.80 0.101

PEAK DAILY VALUES FOR YEARS 1 THROUGH 30

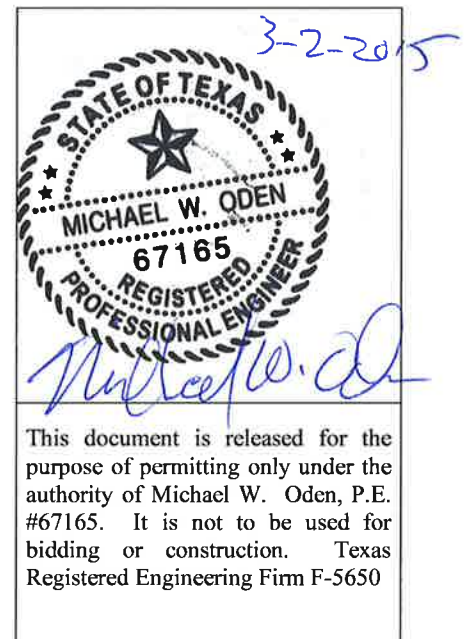
	(INCHES)	(CU. FT.)
PRECIPITATION	4.24	15391.199
RUNOFF	3.450	12523.9395
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.007670	27.84373
SNOW WATER	0.00	0.0000
MAXIMUM VEG. SOIL WATER (VOL/VOL)		0.4160
MINIMUM VEG. SOIL WATER (VOL/VOL)		0.3441

FINAL WATER STORAGE AT END OF YEAR 30

LAYER	(INCHES)	(VOL/VOL)
1	2.9327	0.4190
2	11.5070	0.3836
SNOW WATER	0.000	

ATTACHMENT III-D.8-1
HELP 3.07 OUTPUTS

- A. ALTERNATIVE FINAL COVER – HYDRAULIC CONDUCTIVITY 1×10^{-5}
- B. ALTERNATIVE FINAL COVER – HYDRAULIC CONDUCTIVITY 1×10^{-6}
- C. PRESCRIPTIVE FINAL COVER – GEOMEMBRANE BELOW INFILTRATION LAYER**
- D. PRESCRIPTIVE FINAL COVER – GEOMEMBRANE ABOVE INFILTRATION LAYER



TYPE 1 - VERTICAL PERCOLATION LAYER

MATERIAL TEXTURE NUMBER 0
 THICKNESS = 18.00 INCHES
 POROSITY = 0.4750 VOL/VOL
 FIELD CAPACITY = 0.3780 VOL/VOL
 WILTING POINT = 0.2650 VOL/VOL
 INITIAL SOIL WATER CONTENT = 0.3142 VOL/VOL
 EFFECTIVE SAT. HYD. COND. = 0.999999975000E-05 CM/SEC

LAYER 3

TYPE 4 - FLEXIBLE MEMBRANE LINER

MATERIAL TEXTURE NUMBER 0
 THICKNESS = 0.06 INCHES
 POROSITY = 0.0000 VOL/VOL
 FIELD CAPACITY = 0.0000 VOL/VOL
 WILTING POINT = 0.0000 VOL/VOL
 INITIAL SOIL WATER CONTENT = 0.0000 VOL/VOL
 EFFECTIVE SAT. HYD. COND. = 0.199999996000E-12 CM/SEC
 FML PINHOLE DENSITY = 3.00 HOLES/ACRE
 FML INSTALLATION DEFECTS = 3.00 HOLES/ACRE
 FML PLACEMENT QUALITY = 3 - GOOD

GENERAL DESIGN AND EVAPORATIVE ZONE DATA

NOTE: SCS RUNOFF CURVE NUMBER WAS USER-SPECIFIED.

SCS RUNOFF CURVE NUMBER = 92.00
 FRACTION OF AREA ALLOWING RUNOFF = 100.0 PERCENT
 AREA PROJECTED ON HORIZONTAL PLANE = 1.000 ACRES
 EVAPORATIVE ZONE DEPTH = 25.0 INCHES
 INITIAL WATER IN EVAPORATIVE ZONE = 8.058 INCHES
 UPPER LIMIT OF EVAPORATIVE STORAGE = 11.609 INCHES
 LOWER LIMIT OF EVAPORATIVE STORAGE = 6.632 INCHES
 INITIAL SNOW WATER = 0.000 INCHES
 INITIAL WATER IN LAYER MATERIALS = 8.058 INCHES
 TOTAL INITIAL WATER = 8.058 INCHES
 TOTAL SUBSURFACE INFLOW = 0.00 INCHES/YEAR

EVAPOTRANSPIRATION AND WEATHER DATA

NOTE: EVAPOTRANSPIRATION DATA WAS OBTAINED FROM
 BROWNSVILLE TEXAS

STATION LATITUDE = 27.34 DEGREES
 MAXIMUM LEAF AREA INDEX = 0.00
 START OF GROWING SEASON (JULIAN DATE) = 0

END OF GROWING SEASON (JULIAN DATE) = 365
 EVAPORATIVE ZONE DEPTH = 25.0 INCHES
 AVERAGE ANNUAL WIND SPEED = 11.60 MPH
 AVERAGE 1ST QUARTER RELATIVE HUMIDITY = 76.00 %
 AVERAGE 2ND QUARTER RELATIVE HUMIDITY = 75.00 %
 AVERAGE 3RD QUARTER RELATIVE HUMIDITY = 74.00 %
 AVERAGE 4TH QUARTER RELATIVE HUMIDITY = 76.00 %

NOTE: PRECIPITATION DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS

NORMAL MEAN MONTHLY PRECIPITATION (INCHES)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
0.82	0.86	0.88	1.37	2.65	2.68
1.93	2.29	3.09	2.41	1.07	0.91

NOTE: TEMPERATURE DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS

NORMAL MEAN MONTHLY TEMPERATURE (DEGREES FAHRENHEIT)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
56.50	61.00	68.80	76.00	82.00	86.50
87.90	87.90	82.90	75.40	65.50	57.70

NOTE: SOLAR RADIATION DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS
 AND STATION LATITUDE = 27.34 DEGREES

MONTHLY TOTALS (IN INCHES) FOR YEAR 1

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.32	0.49	0.35	0.01	0.00	3.60
	0.00	2.82	3.54	2.89	0.72	1.56
RUNOFF	0.000	0.000	0.000	0.000	0.000	1.148
	0.000	0.076	0.308	0.358	0.000	0.002
EVAPOTRANSPIRATION	0.568	0.365	0.320	0.262	0.238	2.090
	0.573	1.681	3.275	2.660	0.932	1.311

PERCOLATION/LEAKAGE THROUGH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

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 1

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.30	59169.004	100.00
RUNOFF	1.892	6868.245	11.61
EVAPOTRANSPIRATION	14.275	51816.453	87.57
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	0.133	484.308	0.82
SOIL WATER AT START OF YEAR	9.633	34968.656	
SOIL WATER AT END OF YEAR	9.767	35452.965	
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 (IN INCHES) FOR YEAR 2

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.00 1.02	2.53 1.46	1.70 7.20	0.01 3.49	4.17 0.29	3.37 0.94
RUNOFF	0.000 0.079	0.123 0.008	0.088 2.161	0.000 0.334	1.462 0.000	1.043 0.000
EVAPOTRANSPIRATION	0.555 0.883	0.835 0.710	2.601 5.123	0.535 2.283	1.794 1.408	3.087 0.491
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0103	0.0000 0.0000	0.0000 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.323	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 0.225	0.000 0.000	0.000 0.000

ANNUAL TOTALS FOR YEAR 2

	INCHES	CU. FEET	PERCENT
PRECIPITATION	26.18	95033.414	100.00
RUNOFF	5.299	19235.273	20.24
EVAPOTRANSPIRATION	20.305	73708.125	77.56
PERC./LEAKAGE THROUGH LAYER 3	0.010316	37.448	0.04
AVG. HEAD ON TOP OF LAYER 3	0.0269		
CHANGE IN WATER STORAGE	0.565	2052.527	2.16
SOIL WATER AT START OF YEAR	9.767	35452.965	

SOIL WATER AT END OF YEAR	10.332	37505.492	
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	0.038	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 3

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.20 1.52	1.92 1.27	0.63 3.38	0.00 0.62	1.32 0.29	7.54 0.61
RUNOFF	0.000 0.006	0.242 0.000	0.000 0.339	0.000 0.023	0.046 0.000	2.778 0.000
EVAPOTRANSPIRATION	0.348 1.207	1.519 1.480	0.817 3.142	0.410 0.772	0.855 0.431	4.455 0.374
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0171	0.0000 0.0165	0.0000 0.0139	0.0000 0.0126	0.0000 0.0115	0.0020 0.0113

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 2.770	0.000 2.516	0.000 1.668	0.000 0.938	0.000 0.642	0.068 0.413
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.427	0.000 0.201	0.000 0.315	0.000 0.108	0.000 0.072	0.216 0.064

ANNUAL TOTALS FOR YEAR 3

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.30	70059.008	100.00

RUNOFF	3.433	12461.030	17.79
EVAPOTRANSPIRATION	15.812	57398.324	81.93
PERC./LEAKAGE THROUGH LAYER 3	0.084806	307.846	0.44
AVG. HEAD ON TOP OF LAYER 3	0.7513		
CHANGE IN WATER STORAGE	-0.030	-108.189	-0.15
SOIL WATER AT START OF YEAR	10.332	37505.492	
SOIL WATER AT END OF YEAR	10.302	37397.301	
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	0.001	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 4

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.06 1.57	1.72 0.80	1.42 4.29	0.22 3.33	5.20 0.29	1.02 1.23
RUNOFF	0.001 0.178	0.038 0.010	0.061 0.429	0.000 1.175	1.383 0.000	0.028 0.000
EVAPOTRANSPIRATION	0.940 1.618	1.821 0.727	1.390 3.470	0.598 2.181	3.547 0.968	0.638 0.550
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0079 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0004	0.0000 0.0136	0.0000 0.0142

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.143 0.000	0.000 0.000	0.000 0.000	0.000 0.004	0.000 1.551	0.000 1.582
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.119 0.000	0.000 0.000	0.000 0.000	0.000 0.021	0.000 0.430	0.000 0.085

ANNUAL TOTALS FOR YEAR 4

	INCHES	CU. FEET	PERCENT
PRECIPITATION	22.15	80404.516	100.00
RUNOFF	3.303	11988.394	14.91
EVAPOTRANSPIRATION	18.450	66973.320	83.30
PERC./LEAKAGE THROUGH LAYER 3	0.036055	130.878	0.16
AVG. HEAD ON TOP OF LAYER 3	0.2733		
CHANGE IN WATER STORAGE	0.361	1311.908	1.63
SOIL WATER AT START OF YEAR	10.302	37397.301	
SOIL WATER AT END OF YEAR	10.664	38709.211	
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	0.010	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 5

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.77 1.71	0.26 1.62	1.35 2.89	0.00 0.70	3.51 0.59	0.42 0.20
RUNOFF	0.000 0.093	0.000 0.057	0.018 0.380	0.000 0.000	0.896 0.000	0.000 0.000
EVAPOTRANSPIRATION	0.850 0.979	0.274 1.926	1.454 2.545	0.446 0.655	2.590 0.417	0.583 0.331
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0134 0.0000	0.0113 0.0000	0.0115 0.0000	0.0102 0.0000	0.0002 0.0000	0.0000 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	1.288	0.935	0.499	0.126	0.000	0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.106	0.057	0.172	0.074	0.000	0.000

ANNUAL TOTALS FOR YEAR 5

	INCHES	CU. FEET	PERCENT
PRECIPITATION	14.02	50892.621	100.00
RUNOFF	1.445	5244.851	10.31
EVAPOTRANSPIRATION	13.051	47373.465	93.09
PERC./LEAKAGE THROUGH LAYER 3	0.046666	169.397	0.33
AVG. HEAD ON TOP OF LAYER 3	0.2374		
CHANGE IN WATER STORAGE	-0.522	-1895.100	-3.72
SOIL WATER AT START OF YEAR	10.664	38709.211	
SOIL WATER AT END OF YEAR	10.142	36814.109	
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	0.010	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 6

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.88	1.39	0.71	2.86	0.19	4.18
	1.61	2.56	4.85	3.49	1.70	0.85

RUNOFF	0.022	0.147	0.000	1.163	0.000	1.230
	0.167	0.284	1.068	0.615	0.267	0.000
EVAPOTRANSPIRATION	0.292	1.807	0.591	1.985	0.611	1.735
	1.595	2.312	3.354	3.572	1.542	0.674
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

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 6

	INCHES	CU. FEET	PERCENT
	-----	-----	-----
PRECIPITATION	25.27	91730.102	100.00
RUNOFF	4.962	18010.998	19.63
EVAPOTRANSPIRATION	20.068	72845.562	79.41
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	0.241	873.529	0.95
SOIL WATER AT START OF YEAR	10.142	36814.109	
SOIL WATER AT END OF YEAR	10.382	37687.641	
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	0.012	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 7

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.53 0.98	0.84 1.79	0.18 6.42	0.00 4.31	1.84 2.12	4.13 1.13
RUNOFF	0.000 0.061	0.010 0.025	0.000 1.479	0.000 0.700	0.117 0.012	1.170 0.000
EVAPOTRANSPIRATION	0.419 1.690	1.013 0.768	0.527 4.759	0.355 3.853	0.875 1.767	3.067 1.305
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0000	0.0000 0.0130	0.0000 0.0169	0.0000 0.0138	0.0000 0.0128

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 2.260	0.000 2.661	0.000 1.621	0.000 1.015
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 1.528	0.000 0.449	0.000 0.216	0.000 0.168

ANNUAL TOTALS FOR YEAR 7

	INCHES	CU. FEET	PERCENT
PRECIPITATION	24.27	88100.094	100.00
RUNOFF	3.575	12978.032	14.73
EVAPOTRANSPIRATION	20.399	74046.867	84.05
PERC./LEAKAGE THROUGH LAYER 3	0.056370	204.623	0.23
AVG. HEAD ON TOP OF LAYER 3	0.6297		
CHANGE IN WATER STORAGE	0.240	870.573	0.99

SOIL WATER AT START OF YEAR	10.382	37687.641	
SOIL WATER AT END OF YEAR	10.622	38558.211	
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	-0.002	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 8

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 7.47	1.49 0.96	0.34 2.83	2.35 0.51	0.73 0.37	0.44 0.36
RUNOFF	0.000 3.777	0.082 0.000	0.000 0.236	0.548 0.003	0.000 0.000	0.001 0.000
EVAPOTRANSPIRATION	0.493 3.360	1.728 1.137	0.660 2.213	1.600 1.390	0.745 0.461	0.405 0.360
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0118 0.0012	0.0078 0.0193	0.0000 0.0178	0.0000 0.0166	0.0000 0.0152	0.0000 0.0150

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.636 0.098	0.203 3.634	0.000 3.279	0.000 2.577	0.000 2.193	0.000 1.933
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.081 0.346	0.166 0.488	0.000 0.276	0.000 0.183	0.000 0.082	0.000 0.075

ANNUAL TOTALS FOR YEAR 8

	INCHES	CU. FEET	PERCENT
PRECIPITATION	18.46	67009.797	100.00

RUNOFF	4.647	16866.799	25.17
EVAPOTRANSPIRATION	14.552	52823.445	78.83
PERC./LEAKAGE THROUGH LAYER 3	0.104721	380.135	0.57
AVG. HEAD ON TOP OF LAYER 3	1.2127		
CHANGE IN WATER STORAGE	-0.843	-3060.569	-4.57
SOIL WATER AT START OF YEAR	10.622	38558.211	
SOIL WATER AT END OF YEAR	9.779	35497.645	
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	-0.014	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 9

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 0.85	0.78 4.09	0.09 2.09	0.53 0.88	0.52 3.26	3.57 0.51
RUNOFF	0.000 0.073	0.000 1.931	0.000 0.525	0.013 0.018	0.001 0.579	0.657 0.000
EVAPOTRANSPIRATION	0.300 0.683	0.252 2.500	0.230 0.711	0.207 1.396	1.650 0.895	2.461 1.847
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0144 0.0000	0.0125 0.0062	0.0134 0.0123	0.0124 0.0115	0.0115 0.0087	0.0057 0.0193

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	1.689 0.000	1.467 0.397	1.259 0.980	1.056 0.514	0.513 0.106	0.099 3.617
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.071 0.000	0.060 0.469	0.062 0.105	0.057 0.202	0.178 0.077	0.112 1.537

ANNUAL TOTALS FOR YEAR 9

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.78	64541.402	100.00
RUNOFF	3.797	13781.815	21.35
EVAPOTRANSPIRATION	13.131	47666.281	73.85
PERC./LEAKAGE THROUGH LAYER 3	0.127975	464.551	0.72
AVG. HEAD ON TOP OF LAYER 3	0.9748		
CHANGE IN WATER STORAGE	0.724	2628.740	4.07
SOIL WATER AT START OF YEAR	9.779	35497.645	
SOIL WATER AT END OF YEAR	10.503	38126.383	
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	0.017	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 10

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.95 2.27	0.33 0.69	1.00 3.75	3.20 4.04	0.00 1.04	5.40 1.08
RUNOFF	0.000 0.846	0.000 0.000	0.023 0.914	0.545 0.556	0.000 0.032	2.644 0.013
EVAPOTRANSPIRATION	0.836 2.824	0.349 0.610	1.492 1.331	1.353 3.143	1.760 2.428	0.893 0.937
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0207 0.0122	0.0178 0.0110	0.0187 0.0067	0.0165 0.0000	0.0149 0.0183	0.0136 0.0235

 MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	4.181	3.767	3.408	2.728	1.901	1.537
TOP OF LAYER 3	0.806	0.287	0.049	0.000	3.890	5.236
STD. DEVIATION OF DAILY	0.206	0.075	0.220	0.155	0.168	0.083
HEAD ON TOP OF LAYER 3	0.239	0.084	0.050	0.000	2.349	0.251

ANNUAL TOTALS FOR YEAR 10

	INCHES	CU. FEET	PERCENT
	-----	-----	-----
PRECIPITATION	23.75	86212.500	100.00
RUNOFF	5.573	20228.814	23.46
EVAPOTRANSPIRATION	17.957	65183.484	75.61
PERC./LEAKAGE THROUGH LAYER 3	0.173938	631.393	0.73
AVG. HEAD ON TOP OF LAYER 3	2.3159		
CHANGE IN WATER STORAGE	0.047	168.830	0.20
SOIL WATER AT START OF YEAR	10.503	38126.383	
SOIL WATER AT END OF YEAR	10.550	38295.211	
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	-0.022	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 11

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	1.55	0.97	0.05	0.98	1.85	0.95
	3.52	4.21	2.13	0.31	0.90	0.53

RUNOFF	0.001	0.003	0.000	0.029	0.287	0.093
	0.797	0.797	0.186	0.000	0.031	0.000
EVAPOTRANSPIRATION	1.794	0.536	0.392	1.196	0.907	1.474
	1.716	4.306	1.594	0.648	0.534	1.036
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0202	0.0169	0.0179	0.0164	0.0157	0.0141
	0.0131	0.0055	0.0000	0.0000	0.0000	0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	3.979	3.411	3.086	2.716	2.194	1.748
	1.158	0.160	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.303	0.101	0.092	0.188	0.121	0.181
	0.131	0.222	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 11

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.95	65158.516	100.00
RUNOFF	2.224	8072.002	12.39
EVAPOTRANSPIRATION	16.135	58570.465	89.89
PERC./LEAKAGE THROUGH LAYER 3	0.119934	435.362	0.67
AVG. HEAD ON TOP OF LAYER 3	1.5377		
CHANGE IN WATER STORAGE	-0.529	-1919.326	-2.95
SOIL WATER AT START OF YEAR	10.550	38295.211	
SOIL WATER AT END OF YEAR	10.021	36375.887	
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	0.011	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 12

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.42 0.63	0.97 0.92	0.43 5.10	1.23 1.74	0.18 4.50	2.64 0.29
RUNOFF	0.000 0.007	0.001 0.034	0.003 1.348	0.342 0.125	0.000 0.852	0.204 0.000
EVAPOTRANSPIRATION	0.530 0.878	0.355 0.763	0.305 2.786	1.699 2.603	0.461 2.031	1.526 1.664
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0157	0.0000 0.0191	0.0000 0.0336

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 2.334	0.000 3.736	0.000 8.919
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.839	0.000 2.508	0.000 0.836

ANNUAL TOTALS FOR YEAR 12

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.05	69151.516	100.00
RUNOFF	2.915	10581.196	15.30
EVAPOTRANSPIRATION	15.599	56625.320	81.89
PERC./LEAKAGE THROUGH LAYER 3	0.068387	248.245	0.36
AVG. HEAD ON TOP OF LAYER 3	1.2491		
CHANGE IN WATER STORAGE	0.467	1696.744	2.45

SOIL WATER AT START OF YEAR	10.021	36375.887	
SOIL WATER AT END OF YEAR	10.488	38072.629	
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	0.015	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 13

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.13 0.34	0.38 1.36	0.23 1.78	2.90 2.05	3.47 0.47	2.21 1.46
RUNOFF	0.000 0.000	0.000 0.222	0.000 0.153	1.091 0.278	1.035 0.000	0.457 0.087
EVAPOTRANSPIRATION	0.480 1.568	0.329 0.680	0.298 1.620	1.582 0.990	1.595 1.409	1.312 1.260
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0301 0.0162	0.0256 0.0152	0.0268 0.0139	0.0225 0.0126	0.0201 0.0112	0.0175 0.0118

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	7.662 2.399	7.033 1.986	6.487 1.654	5.129 0.966	3.951 0.547	3.129 0.618
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.207 0.157	0.163 0.115	0.158 0.152	0.780 0.110	0.152 0.112	0.159 0.110

ANNUAL TOTALS FOR YEAR 13

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.78	60911.418	100.00

RUNOFF	3.323	12062.182	19.80
EVAPOTRANSPIRATION	13.124	47638.672	78.21
PERC./LEAKAGE THROUGH LAYER 3	0.223422	811.023	1.33
AVG. HEAD ON TOP OF LAYER 3	3.4633		
CHANGE IN WATER STORAGE	0.110	399.531	0.66
SOIL WATER AT START OF YEAR	10.488	38072.629	
SOIL WATER AT END OF YEAR	10.598	38472.160	
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	0.010	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 14

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.46 1.02	0.03 1.49	0.15 3.45	0.09 4.35	1.16 0.45	3.05 0.75
RUNOFF	0.000 0.013	0.000 0.082	0.000 0.494	0.000 1.157	0.047 0.000	1.098 0.012
EVAPOTRANSPIRATION	0.712 0.833	0.378 2.114	0.331 1.731	0.271 3.550	0.252 0.708	1.805 0.428
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0110 0.0109	0.0101 0.0122	0.0109 0.0100	0.0074 0.0139	0.0000 0.0303	0.0000 0.0292

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.317 0.882	0.351 0.788	0.250 0.321	0.052 3.418	0.000 8.106	0.000 7.340
STD. DEVIATION OF DAILY	0.025	0.039	0.064	0.048	0.000	0.000

HEAD ON TOP OF LAYER 3 0.513 0.267 0.139 4.028 0.288 0.189

ANNUAL TOTALS FOR YEAR 14

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.45	59713.508	100.00
RUNOFF	2.902	10534.370	17.64
EVAPOTRANSPIRATION	13.113	47601.383	79.72
PERC./LEAKAGE THROUGH LAYER 3	0.145836	529.385	0.89
AVG. HEAD ON TOP OF LAYER 3	1.8188		
CHANGE IN WATER STORAGE	0.289	1048.373	1.76
SOIL WATER AT START OF YEAR	10.598	38472.160	
SOIL WATER AT END OF YEAR	10.887	39520.535	
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	-0.002	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 15

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.20 0.46	0.44 1.27	0.39 3.68	0.00 1.28	3.65 0.81	3.26 1.65
RUNOFF	0.000 0.000	0.000 0.099	0.000 0.474	0.000 0.050	1.075 0.012	1.359 0.087
EVAPOTRANSPIRATION	0.328 0.550	0.267 0.382	0.390 2.806	0.215 1.230	2.669 1.135	2.374 1.576
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0277 0.0175	0.0238 0.0167	0.0249 0.0145	0.0228 0.0133	0.0213 0.0116	0.0175 0.0113

 MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	6.797	6.325	5.779	5.276	4.387	3.134
TOP OF LAYER 3	2.914	2.595	1.927	1.237	0.699	0.418
STD. DEVIATION OF DAILY	0.129	0.139	0.194	0.126	0.534	0.255
HEAD ON TOP OF LAYER 3	0.105	0.085	0.248	0.121	0.123	0.196

ANNUAL TOTALS FOR YEAR 15

	INCHES	CU. FEET	PERCENT
	-----	-----	-----
PRECIPITATION	17.09	62036.699	100.00
RUNOFF	3.157	11458.331	18.47
EVAPOTRANSPIRATION	13.922	50537.375	81.46
PERC./LEAKAGE THROUGH LAYER 3	0.222951	809.314	1.30
AVG. HEAD ON TOP OF LAYER 3	3.4572		
CHANGE IN WATER STORAGE	-0.212	-768.303	-1.24
SOIL WATER AT START OF YEAR	10.887	39520.535	
SOIL WATER AT END OF YEAR	10.676	38752.230	
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	-0.017	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 16

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
	-----	-----	-----	-----	-----	-----
PRECIPITATION	0.98	0.34	0.05	2.63	0.17	0.64
	3.69	3.76	2.83	1.49	1.75	0.14

RUNOFF	0.015	0.000	0.000	0.781	0.000	0.021
	1.070	1.767	0.166	0.047	0.239	0.000
EVAPOTRANSPIRATION	1.052	0.601	0.403	1.533	0.582	0.374
	2.643	1.791	2.045	1.654	1.518	0.834
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0128	0.0114	0.0117	0.0101	0.0110	0.0104
	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	1.025	0.799	0.601	0.310	0.313	0.215
	0.034	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.101	0.070	0.043	0.220	0.091	0.035
	0.052	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 16

	INCHES	CU. FEET	PERCENT
PRECIPITATION	18.47	67046.102	100.00
RUNOFF	4.106	14903.885	22.23
EVAPOTRANSPIRATION	15.029	54555.172	81.37
PERC./LEAKAGE THROUGH LAYER 3	0.070845	257.167	0.38
AVG. HEAD ON TOP OF LAYER 3	0.2747		
CHANGE IN WATER STORAGE	-0.736	-2670.115	-3.98
SOIL WATER AT START OF YEAR	10.676	38752.230	
SOIL WATER AT END OF YEAR	9.940	36082.117	
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	-0.002	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 17

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.53 2.92	0.75 2.98	0.42 3.29	0.22 2.33	3.01 0.31	3.82 1.35
RUNOFF	0.000 0.674	0.036 0.220	0.000 0.455	0.000 0.131	0.432 0.000	0.605 0.043
EVAPOTRANSPIRATION	0.434 1.671	0.304 3.014	0.289 3.143	0.241 2.471	3.064 0.615	2.723 0.430
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

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

	INCHES	CU. FEET	PERCENT
PRECIPITATION	21.93	79605.914	100.00
RUNOFF	2.595	9419.490	11.83
EVAPOTRANSPIRATION	18.399	66788.383	83.90
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	0.936	3398.015	4.27
SOIL WATER AT START OF YEAR	9.940	36082.117	

SOIL WATER AT END OF YEAR	10.876	39480.129	
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	0.025	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 18

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.00 0.26	0.35 1.06	2.93 6.22	1.97 4.07	0.22 0.41	1.21 1.75
RUNOFF	0.000 0.000	0.000 0.065	0.165 2.097	0.207 0.763	0.000 0.000	0.158 0.025
EVAPOTRANSPIRATION	0.315 0.302	0.254 1.660	2.745 2.932	1.821 3.722	0.485 0.984	0.654 1.527
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0144	0.0000 0.0138	0.0000 0.0131

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 1.863	0.000 1.615	0.000 1.166
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.700	0.000 0.114	0.000 0.203

ANNUAL TOTALS FOR YEAR 18

	INCHES	CU. FEET	PERCENT
PRECIPITATION	20.45	74233.492	100.00
RUNOFF	3.481	12637.141	17.02

EVAPOTRANSPIRATION	17.400	63160.793	85.08
PERC./LEAKAGE THROUGH LAYER 3	0.041264	149.787	0.20
AVG. HEAD ON TOP OF LAYER 3	0.3870		
CHANGE IN WATER STORAGE	-0.472	-1714.216	-2.31
SOIL WATER AT START OF YEAR	10.876	39480.129	
SOIL WATER AT END OF YEAR	10.404	37765.914	
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	-0.011	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 19

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.88 4.12	1.31 0.75	1.22 1.44	1.00 3.92	2.36 1.22	0.53 0.44
RUNOFF	0.000 1.381	0.339 0.002	0.006 0.124	0.144 0.470	0.887 0.031	0.000 0.000
EVAPOTRANSPIRATION	0.536 2.218	0.560 0.686	1.799 1.680	0.717 3.187	2.003 1.459	0.553 0.632
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0121 0.0085	0.0104 0.0000	0.0034 0.0000	0.0000 0.0000	0.0006 0.0115	0.0114 0.0126

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.744 0.173	0.507 0.000	0.045 0.000	0.000 0.000	0.007 0.919	0.635 0.963
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.080 0.204	0.068 0.000	0.087 0.000	0.000 0.000	0.029 0.390	0.124 0.035

ANNUAL TOTALS FOR YEAR 19

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.19	69659.695	100.00
RUNOFF	3.383	12278.923	17.63
EVAPOTRANSPIRATION	16.030	58190.496	83.54
PERC./LEAKAGE THROUGH LAYER 3	0.070563	256.144	0.37
AVG. HEAD ON TOP OF LAYER 3	0.3328		
CHANGE IN WATER STORAGE	-0.294	-1065.862	-1.53
SOIL WATER AT START OF YEAR	10.404	37765.914	
SOIL WATER AT END OF YEAR	10.110	36700.055	
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	-0.005	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 20

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.69 2.09	0.16 0.97	0.81 5.25	1.98 0.91	0.27 0.00	0.06 0.83
RUNOFF	0.000 0.242	0.000 0.101	0.000 2.110	0.338 0.000	0.000 0.000	0.000 0.018
EVAPOTRANSPIRATION	0.408 1.108	0.297 0.817	0.277 2.692	2.168 1.233	0.551 0.425	0.367 0.428
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0123 0.0000	0.0110 0.0000	0.0113 0.0000	0.0051 0.0000	0.0048 0.0000	0.0084 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.825	0.615	0.411	0.107	0.020	0.063
	0.000	0.000	0.000	0.000	0.000	0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.055	0.062	0.059	0.130	0.024	0.045
	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 20

	INCHES	CU. FEET	PERCENT
PRECIPITATION	14.02	50892.605	100.00
RUNOFF	2.810	10201.116	20.04
EVAPOTRANSPIRATION	10.771	39098.074	76.82
PERC./LEAKAGE THROUGH LAYER 3	0.052840	191.808	0.38
AVG. HEAD ON TOP OF LAYER 3	0.1700		
CHANGE IN WATER STORAGE	0.386	1401.612	2.75
SOIL WATER AT START OF YEAR	10.110	36700.055	
SOIL WATER AT END OF YEAR	10.496	38101.664	
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	-0.005	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 21

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

PRECIPITATION	0.83	0.60	0.07	1.08	2.41	1.31
	0.72	1.05	2.27	2.36	0.62	2.34
RUNOFF	0.020	0.000	0.000	0.005	0.756	0.068
	0.018	0.031	0.044	0.263	0.000	0.306
EVAPOTRANSPIRATION	0.621	0.915	0.449	0.593	2.222	0.791
	0.392	1.311	2.185	2.398	0.617	1.122
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0103
	0.0107	0.0054	0.0000	0.0000	0.0000	0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000	0.000	0.000	0.000	0.000	0.197
	0.163	0.029	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	0.055
	0.024	0.037	0.000	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 21

	INCHES	CU. FEET	PERCENT
	-----	-----	-----
PRECIPITATION	15.66	56845.797	100.00
RUNOFF	1.509	5477.757	9.64
EVAPOTRANSPIRATION	13.616	49427.012	86.95
PERC./LEAKAGE THROUGH LAYER 3	0.026436	95.964	0.17
AVG. HEAD ON TOP OF LAYER 3	0.0324		
CHANGE IN WATER STORAGE	0.508	1845.080	3.25
SOIL WATER AT START OF YEAR	10.496	38101.664	
SOIL WATER AT END OF YEAR	11.005	39946.746	
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	-0.017	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 22

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.77 0.42	0.83 0.87	0.78 4.52	0.97 1.86	0.55 0.58	3.16 1.38
RUNOFF	0.081 0.000	0.009 0.003	0.025 1.388	0.005 0.407	0.019 0.000	0.573 0.165
EVAPOTRANSPIRATION	2.436 1.535	0.599 0.462	0.593 3.102	1.278 1.966	0.487 0.518	1.821 0.496
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

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 22

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.69	64214.723	100.00
RUNOFF	2.675	9710.633	15.12
EVAPOTRANSPIRATION	15.293	55514.680	86.45
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-0.278	-1010.621	-1.57
SOIL WATER AT START OF YEAR	11.005	39946.746	

SOIL WATER AT END OF YEAR	10.726	38936.125	
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	0.033	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 23

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.09 2.18	0.12 0.67	0.00 1.64	2.07 1.89	2.69 1.07	2.12 1.96
RUNOFF	0.000 0.113	0.000 0.000	0.000 0.075	0.220 0.163	0.713 0.012	0.623 0.073
EVAPOTRANSPIRATION	0.303 1.558	0.241 1.266	0.235 0.678	1.675 2.875	1.821 0.688	1.549 1.256
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

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

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.50	59895.016	100.00
RUNOFF	1.993	7233.285	12.08

EVAPOTRANSPIRATION	14.145	51344.602	85.72
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	0.363	1317.132	2.20
SOIL WATER AT START OF YEAR	10.726	38936.125	
SOIL WATER AT END OF YEAR	11.089	40253.258	
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	-0.003	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 24

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.46 0.00	2.05 4.21	1.84 4.56	3.96 2.34	0.00 0.00	0.79 0.97
RUNOFF	0.066 0.000	0.043 0.727	0.051 1.507	0.924 0.180	0.000 0.000	0.054 0.000
EVAPOTRANSPIRATION	2.005 0.333	1.443 2.066	2.339 3.460	2.848 2.252	1.042 0.794	0.423 0.470
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0083	0.0000 0.0001	0.0000 0.0036	0.0000 0.0056	0.0071 0.0000	0.0106 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.068	0.000 0.000	0.000 0.116	0.000 0.157	0.249 0.000	0.292 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.000 0.058	0.000 0.000	0.000 0.184	0.000 0.185	0.221 0.000	0.071 0.000

ANNUAL TOTALS FOR YEAR 24

	INCHES	CU. FEET	PERCENT
PRECIPITATION	22.18	80513.406	100.00
RUNOFF	3.552	12893.339	16.01
EVAPOTRANSPIRATION	19.475	70694.625	87.80
PERC./LEAKAGE THROUGH LAYER 3	0.035300	128.141	0.16
AVG. HEAD ON TOP OF LAYER 3	0.0735		
CHANGE IN WATER STORAGE	-0.882	-3202.691	-3.98
SOIL WATER AT START OF YEAR	11.089	40253.258	
SOIL WATER AT END OF YEAR	10.207	37050.566	
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	-0.005	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 25

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.74 0.33	2.84 3.80	1.00 4.09	0.48 1.21	1.15 0.51	1.06 0.12
RUNOFF	0.000 0.000	0.094 0.665	0.000 0.513	0.000 0.018	0.009 0.001	0.084 0.000
EVAPOTRANSPIRATION	0.347 0.488	2.619 2.203	1.708 3.080	0.524 1.830	0.611 0.725	1.788 0.426
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

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 25

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.33	62907.898	100.00
RUNOFF	1.383	5021.555	7.98
EVAPOTRANSPIRATION	16.349	59346.562	94.34
PERC./LEAKAGE THROUGH LAYER 3	0.000000	0.000	0.00
AVG. HEAD ON TOP OF LAYER 3	0.0000		
CHANGE IN WATER STORAGE	-0.402	-1460.227	-2.32
SOIL WATER AT START OF YEAR	10.207	37050.566	
SOIL WATER AT END OF YEAR	9.805	35590.336	
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	0.011	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 26

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.41	0.78	1.13	0.00	5.86	2.48
	0.42	4.51	3.21	4.27	0.60	0.48
RUNOFF	0.000	0.002	0.077	0.000	2.041	0.356
	0.000	0.664	0.304	0.697	0.000	0.000

EVAPOTRANSPIRATION	0.333	0.266	0.971	0.855	2.162	3.203
	0.625	2.548	3.634	3.264	1.171	0.484
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0080	0.0124

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

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	0.527	0.890
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	0.451	0.057

ANNUAL TOTALS FOR YEAR 26

	INCHES	CU. FEET	PERCENT
	-----	-----	-----
PRECIPITATION	24.15	87664.516	100.00
RUNOFF	4.141	15031.528	17.15
EVAPOTRANSPIRATION	19.515	70839.469	80.81
PERC./LEAKAGE THROUGH LAYER 3	0.020401	74.055	0.08
AVG. HEAD ON TOP OF LAYER 3	0.1180		
CHANGE IN WATER STORAGE	0.474	1719.436	1.96
SOIL WATER AT START OF YEAR	9.805	35590.336	
SOIL WATER AT END OF YEAR	10.278	37309.773	
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	0.025	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 27

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 0.74	0.15 2.32	1.18 1.13	0.55 1.30	4.62 0.92	5.08 0.88
RUNOFF	0.000 0.006	0.000 0.394	0.000 0.003	0.000 0.019	0.947 0.012	2.461 0.005
EVAPOTRANSPIRATION	0.352 0.540	0.265 1.950	1.256 0.731	0.487 1.370	3.509 0.695	3.011 0.997
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0119 0.0163	0.0103 0.0155	0.0067 0.0135	0.0000 0.0127	0.0000 0.0115	0.0088 0.0108

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.663 2.446	0.457 2.124	0.128 1.518	0.000 1.007	0.000 0.652	1.056 0.206
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.069 0.051	0.051 0.180	0.147 0.103	0.000 0.167	0.000 0.081	0.997 0.114

ANNUAL TOTALS FOR YEAR 27

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.48	70712.398	100.00
RUNOFF	3.846	13962.649	19.75
EVAPOTRANSPIRATION	15.163	55042.160	77.84
PERC./LEAKAGE THROUGH LAYER 3	0.118035	428.467	0.61
AVG. HEAD ON TOP OF LAYER 3	0.8547		
CHANGE IN WATER STORAGE	0.352	1279.132	1.81

SOIL WATER AT START OF YEAR	10.278	37309.773	
SOIL WATER AT END OF YEAR	10.631	38588.906	
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	-0.011	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 28

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 3.11	0.08 4.58	1.35 0.68	0.25 5.11	3.33 0.10	1.24 0.89
RUNOFF	0.000 1.060	0.000 1.286	0.098 0.000	0.000 0.828	1.115 0.000	0.100 0.000
EVAPOTRANSPIRATION	1.078 1.977	0.612 3.070	0.414 0.683	0.314 3.683	2.865 1.383	0.542 0.495
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0013 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0044	0.0000 0.0105

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.002 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.088	0.000 0.103
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.007 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.119	0.000 0.068

ANNUAL TOTALS FOR YEAR 28

	INCHES	CU. FEET	PERCENT
PRECIPITATION	21.33	77427.898	100.00

RUNOFF	4.487	16288.205	21.04
EVAPOTRANSPIRATION	17.114	62123.129	80.23
PERC./LEAKAGE THROUGH LAYER 3	0.016210	58.841	0.08
AVG. HEAD ON TOP OF LAYER 3	0.0162		
CHANGE IN WATER STORAGE	-0.287	-1042.276	-1.35
SOIL WATER AT START OF YEAR	10.631	38588.906	
SOIL WATER AT END OF YEAR	10.343	37546.629	
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	0.001	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 29

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.03 0.48	2.62 4.29	0.33 6.12	0.01 4.97	4.10 1.23	0.36 0.79
RUNOFF	0.008 0.000	0.378 0.580	0.000 1.911	0.000 1.646	1.459 0.069	0.000 0.008
EVAPOTRANSPIRATION	1.289 0.410	1.464 3.114	1.119 4.160	0.426 2.348	2.138 2.249	0.650 0.635
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0003 0.0123	0.0000 0.0079	0.0112 0.0049	0.0127 0.0157	0.0121 0.0156	0.0120 0.0148

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 3	0.000 0.838	0.000 0.336	0.928 0.507	1.176 2.193	0.745 2.378	0.864 1.857
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 3	0.001 0.067	0.000 0.278	0.507 0.759	0.073 0.190	0.261 0.213	0.208 0.104

ANNUAL TOTALS FOR YEAR 29

	INCHES	CU. FEET	PERCENT
PRECIPITATION	26.33	95577.930	100.00
RUNOFF	6.058	21991.086	23.01
EVAPOTRANSPIRATION	19.999	72597.539	75.96
PERC./LEAKAGE THROUGH LAYER 3	0.119592	434.120	0.45
AVG. HEAD ON TOP OF LAYER 3	0.9852		
CHANGE IN WATER STORAGE	0.153	555.140	0.58
SOIL WATER AT START OF YEAR	10.343	37546.629	
SOIL WATER AT END OF YEAR	10.496	38101.770	
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	0.047	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 30

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.50 3.04	1.84 6.28	1.70 2.40	0.71 2.63	0.70 1.61	0.72 1.72
RUNOFF	0.001 0.594	0.003 2.685	0.050 0.496	0.032 0.264	0.000 0.025	0.000 0.057
EVAPOTRANSPIRATION	0.501 1.659	1.606 4.581	1.670 1.821	1.398 2.011	0.603 1.608	0.384 1.321
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0140 0.0000	0.0118 0.0086	0.0112 0.0114	0.0050 0.0059	0.0000 0.0000	0.0000 0.0000

 MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	1.519	1.135	0.377	0.032	0.000	0.000
TOP OF LAYER 3	0.000	0.685	0.623	0.108	0.000	0.000
STD. DEVIATION OF DAILY	0.085	0.185	0.150	0.043	0.000	0.000
HEAD ON TOP OF LAYER 3	0.000	0.543	0.243	0.111	0.000	0.000

ANNUAL TOTALS FOR YEAR 30

	INCHES	CU. FEET	PERCENT
	-----	-----	-----
PRECIPITATION	23.85	86575.508	100.00
RUNOFF	4.207	15271.008	17.64
EVAPOTRANSPIRATION	19.163	69560.180	80.35
PERC./LEAKAGE THROUGH LAYER 3	0.067895	246.461	0.28
AVG. HEAD ON TOP OF LAYER 3	0.3732		
CHANGE IN WATER STORAGE	0.413	1497.809	1.73
SOIL WATER AT START OF YEAR	10.496	38101.770	
SOIL WATER AT END OF YEAR	10.909	39599.578	
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	0.050	0.00

AVERAGE MONTHLY VALUES IN INCHES FOR YEARS 1 THROUGH 30

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

TOTALS	0.66	0.98	0.79	1.08	1.97	2.35
	1.65	2.31	3.57	2.49	0.96	0.97

STD. DEVIATIONS	0.44	0.81	0.69	1.17	1.76	1.81
	1.61	1.57	1.65	1.44	0.97	0.57

RUNOFF

TOTALS	0.007	0.052	0.022	0.213	0.491	0.634
	0.375	0.427	0.723	0.376	0.072	0.030

STD. DEVIATIONS	0.019	0.101	0.040	0.352	0.600	0.809
	0.755	0.670	0.693	0.417	0.189	0.064

EVAPOTRANSPIRATION

TOTALS	0.715	0.796	0.936	0.986	1.490	1.558
	1.281	1.754	2.550	2.240	1.084	0.857

STD. DEVIATIONS	0.537	0.646	0.745	0.711	1.006	1.092
	0.789	1.094	1.161	0.975	0.562	0.458

PERCOLATION/LEAKAGE THROUGH LAYER 3

TOTALS	0.0074	0.0060	0.0060	0.0047	0.0040	0.0047
	0.0049	0.0047	0.0045	0.0059	0.0073	0.0085

STD. DEVIATIONS	0.0091	0.0079	0.0082	0.0073	0.0068	0.0062
	0.0066	0.0065	0.0062	0.0068	0.0081	0.0095

AVERAGES OF MONTHLY AVERAGED DAILY HEADS (INCHES)

DAILY AVERAGE HEAD ON TOP OF LAYER 3

AVERAGES	1.0490	0.9002	0.7753	0.6237	0.4760	0.4346
	0.4916	0.5180	0.4967	0.6766	0.9757	1.2092

STD. DEVIATIONS	1.9936	1.8283	1.6819	1.4375	1.1366	0.8674
	0.9133	0.9853	0.8653	1.0197	1.7332	2.2333

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

	INCHES		CU. FEET	PERCENT
PRECIPITATION	19.78	(3.525)	71796.6	100.00

RUNOFF	3.422	(1.2013)	12423.13	17.303
EVAPOTRANSPIRATION	16.245	(2.6504)	58969.71	82.134
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.06869	(0.06430)	249.352	0.34730
AVERAGE HEAD ON TOP OF LAYER 3	0.719	(0.961)		
CHANGE IN WATER STORAGE	0.043	(0.4766)	154.36	0.215

PEAK DAILY VALUES FOR YEARS 1 THROUGH 30

	(INCHES)	(CU. FT.)
PRECIPITATION	4.24	15391.199
RUNOFF	2.818	10228.8799
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.001219	4.42660
AVERAGE HEAD ON TOP OF LAYER 3	10.403	
SNOW WATER	0.00	0.0000
MAXIMUM VEG. SOIL WATER (VOL/VOL)		0.4328
MINIMUM VEG. SOIL WATER (VOL/VOL)		0.2889


FINAL WATER STORAGE AT END OF YEAR 30

LAYER	(INCHES)	(VOL/VOL)
1	2.6738	0.3820
2	6.6602	0.3700
3	0.0000	0.0000
SNOW WATER	0.000	

ATTACHMENT III-D.8-1
HELP 3.07 OUTPUTS

- A. ALTERNATIVE FINAL COVER – HYDRAULIC CONDUCTIVITY 1×10^{-5}
- B. ALTERNATIVE FINAL COVER – HYDRAULIC CONDUCTIVITY 1×10^{-6}
- C. PRESCRIPTIVE FINAL COVER – GEOMEMBRANE BELOW INFILTRATION LAYER
- D. **PRESCRIPTIVE FINAL COVER – GEOMEMBRANE ABOVE INFILTRATION LAYER**

3-2-2015



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**
**          HYDROLOGIC EVALUATION OF LANDFILL PERFORMANCE          **
**          HELP MODEL VERSION 3.07  (1 NOVEMBER 1997)             **
**          DEVELOPED BY ENVIRONMENTAL LABORATORY                  **
**          USAE WATERWAYS EXPERIMENT STATION                     **
**          FOR USEPA RISK REDUCTION ENGINEERING LABORATORY        **
**
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PRECIPITATION DATA FILE:   C:\HELP3\pesc\afc\PRECIP.D4
TEMPERATURE DATA FILE:    C:\HELP3\pesc\afc\TEMP.D7
SOLAR RADIATION DATA FILE: C:\HELP3\pesc\afc\SOL.D13
EVAPOTRANSPIRATION DATA:  C:\HELP3\pesc\afc\EVAP_FC.D11
SOIL AND DESIGN DATA FILE: C:\HELP3\pesc\afc\PRE_FC4.D10
OUTPUT DATA FILE:         C:\HELP3\pesc\afc\pre_fc4.OUT

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TIME: 9:58 DATE: 3/ 2/2015

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TITLE: Pescadito Prescriptive Cover
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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 0

THICKNESS	=	7.00	INCHES
POROSITY	=	0.4370	VOL/VOL
FIELD CAPACITY	=	0.3730	VOL/VOL
WILTING POINT	=	0.2660	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.3017	VOL/VOL
EFFECTIVE SAT. HYD. COND.	=	0.999999975000E-05	CM/SEC

LAYER 2

TYPE 4 - FLEXIBLE MEMBRANE LINER
MATERIAL TEXTURE NUMBER 0

THICKNESS	=	0.06	INCHES
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POROSITY	=	0.0000	VOL/VOL
FIELD CAPACITY	=	0.0000	VOL/VOL
WILTING POINT	=	0.0000	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.0000	VOL/VOL
EFFECTIVE SAT. HYD. COND.	=	0.19999999000E-11	CM/SEC
FML PINHOLE DENSITY	=	3.00	HOLES/ACRE
FML INSTALLATION DEFECTS	=	3.00	HOLES/ACRE
FML PLACEMENT QUALITY	=	3 -	GOOD

LAYER 3

TYPE 1 - VERTICAL PERCOLATION LAYER

MATERIAL TEXTURE NUMBER 0

THICKNESS	=	18.00	INCHES
POROSITY	=	0.4750	VOL/VOL
FIELD CAPACITY	=	0.3780	VOL/VOL
WILTING POINT	=	0.2650	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.3662	VOL/VOL
EFFECTIVE SAT. HYD. COND.	=	0.999999975000E-05	CM/SEC

GENERAL DESIGN AND EVAPORATIVE ZONE DATA

NOTE: SCS RUNOFF CURVE NUMBER WAS USER-SPECIFIED.

SCS RUNOFF CURVE NUMBER	=	92.00	
FRACTION OF AREA ALLOWING RUNOFF	=	100.0	PERCENT
AREA PROJECTED ON HORIZONTAL PLANE	=	1.000	ACRES
EVAPORATIVE ZONE DEPTH	=	7.0	INCHES
INITIAL WATER IN EVAPORATIVE ZONE	=	2.112	INCHES
UPPER LIMIT OF EVAPORATIVE STORAGE	=	3.059	INCHES
LOWER LIMIT OF EVAPORATIVE STORAGE	=	1.862	INCHES
INITIAL SNOW WATER	=	0.000	INCHES
INITIAL WATER IN LAYER MATERIALS	=	8.703	INCHES
TOTAL INITIAL WATER	=	8.703	INCHES
TOTAL SUBSURFACE INFLOW	=	0.00	INCHES/YEAR

EVAPOTRANSPIRATION AND WEATHER DATA

NOTE: EVAPOTRANSPIRATION DATA WAS OBTAINED FROM
BROWNSVILLE TEXAS

STATION LATITUDE	=	27.34	DEGREES
MAXIMUM LEAF AREA INDEX	=	0.00	
START OF GROWING SEASON (JULIAN DATE)	=	0	
END OF GROWING SEASON (JULIAN DATE)	=	365	
EVAPORATIVE ZONE DEPTH	=	7.0	INCHES
AVERAGE ANNUAL WIND SPEED	=	11.60	MPH
AVERAGE 1ST QUARTER RELATIVE HUMIDITY	=	76.00	%

AVERAGE 2ND QUARTER RELATIVE HUMIDITY = 75.00 %
 AVERAGE 3RD QUARTER RELATIVE HUMIDITY = 74.00 %
 AVERAGE 4TH QUARTER RELATIVE HUMIDITY = 76.00 %

NOTE: PRECIPITATION DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS

NORMAL MEAN MONTHLY PRECIPITATION (INCHES)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
0.82	0.86	0.88	1.37	2.65	2.68
1.93	2.29	3.09	2.41	1.07	0.91

NOTE: TEMPERATURE DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS

NORMAL MEAN MONTHLY TEMPERATURE (DEGREES FAHRENHEIT)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
56.50	61.00	68.80	76.00	82.00	86.50
87.90	87.90	82.90	75.40	65.50	57.70

NOTE: SOLAR RADIATION DATA WAS SYNTHETICALLY GENERATED USING
 COEFFICIENTS FOR BROWNSVILLE TEXAS
 AND STATION LATITUDE = 27.34 DEGREES

MONTHLY TOTALS (IN INCHES) FOR YEAR 1

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.32	0.49	0.35	0.01	0.00	3.60
	0.00	2.82	3.54	2.89	0.72	1.56
RUNOFF	0.000	0.000	0.000	0.000	0.000	2.080
	0.000	0.196	0.740	0.437	0.000	0.007
EVAPOTRANSPIRATION	0.327	0.345	0.325	0.280	0.142	0.712
	0.216	2.366	3.330	2.655	0.667	1.320
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0091
	0.0132	0.0098	0.0069	0.0085	0.0000	0.0064
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0163
	0.0310	0.0251	0.0225	0.0124	0.0000	0.0186

 MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.000	2.301
TOP OF LAYER 2	3.135	2.204	1.428	2.021	0.000	1.325
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	0.000	2.110
HEAD ON TOP OF LAYER 2	0.238	1.643	1.784	2.372	0.000	1.329

ANNUAL TOTALS FOR YEAR 1

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.30	59169.004	100.00
RUNOFF	3.460	12559.474	21.23
EVAPOTRANSPIRATION	12.685	46047.031	77.82
PERC./LEAKAGE THROUGH LAYER 2	0.053811	195.334	0.33
AVG. HEAD ON TOP OF LAYER 2	1.0345		
PERC./LEAKAGE THROUGH LAYER 3	0.125837	456.788	0.77
CHANGE IN WATER STORAGE	0.029	105.673	0.18
SOIL WATER AT START OF YEAR	9.138	33170.383	
SOIL WATER AT END OF YEAR	9.167	33276.055	
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	0.037	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 2

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.00	2.53	1.70	0.01	4.17	3.37

	1.02	1.46	7.20	3.49	0.29	0.94
RUNOFF	0.000	0.747	0.128	0.000	1.899	1.971
	0.070	0.040	3.651	0.448	0.000	0.000
EVAPOTRANSPIRATION	0.351	0.686	2.189	0.469	1.242	2.417
	0.507	1.016	4.372	2.005	1.316	0.416
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0002	0.0074	0.0105	0.0031	0.0030	0.0086
	0.0050	0.0072	0.0122	0.0065	0.0043	0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0021	0.0129	0.0237	0.0147	0.0072	0.0115
	0.0174	0.0214	0.0114	0.0079	0.0082	0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.005	1.836	2.277	0.462	0.645	2.103
	0.866	1.285	2.951	1.490	0.933	0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.020	2.267	1.345	0.448	1.286	1.808
	0.555	0.933	2.038	1.817	1.468	0.000

ANNUAL TOTALS FOR YEAR 2

	<u>INCHES</u>	<u>CU. FEET</u>	<u>PERCENT</u>
PRECIPITATION	26.18	95033.414	100.00
RUNOFF	8.954	32502.439	34.20
EVAPOTRANSPIRATION	16.985	61654.355	64.88
PERC./LEAKAGE THROUGH LAYER 2	0.067964	246.709	0.26
AVG. HEAD ON TOP OF LAYER 2	1.2377		
PERC./LEAKAGE THROUGH LAYER 3	0.138589	503.080	0.53
CHANGE IN WATER STORAGE	0.103	373.539	0.39
SOIL WATER AT START OF YEAR	9.167	33276.055	
SOIL WATER AT END OF YEAR	9.270	33649.594	
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	0.002	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 3

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.20 1.52	1.92 1.27	0.63 3.38	0.00 0.62	1.32 0.29	7.54 0.61
RUNOFF	0.000 0.005	0.589 0.000	0.000 0.620	0.000 0.013	0.063 0.000	3.981 0.000
EVAPOTRANSPIRATION	0.372 0.866	1.221 1.484	0.658 2.855	0.422 0.768	0.862 0.250	3.941 0.334
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0006	0.0059 0.0018	0.0025 0.0107	0.0000 0.0008	0.0083 0.0000	0.0099 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0045	0.0048 0.0056	0.0073 0.0139	0.0000 0.0032	0.0151 0.0000	0.0120 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.000 0.007	1.567 0.321	0.438 2.470	0.000 0.132	1.766 0.000	2.267 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.000 0.017	2.157 0.580	0.698 1.280	0.000 0.346	0.750 0.000	1.975 0.000

ANNUAL TOTALS FOR YEAR 3

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.30	70059.008	100.00
RUNOFF	5.271	19133.543	27.31

EVAPOTRANSPIRATION	14.033	50940.941	72.71
PERC./LEAKAGE THROUGH LAYER 2	0.040502	147.023	0.21
AVG. HEAD ON TOP OF LAYER 2	0.7472		
PERC./LEAKAGE THROUGH LAYER 3	0.066371	240.927	0.34
CHANGE IN WATER STORAGE	-0.071	-256.429	-0.37
SOIL WATER AT START OF YEAR	9.270	33649.594	
SOIL WATER AT END OF YEAR	9.199	33393.164	
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	0.027	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 4

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.06 1.57	1.72 0.80	1.42 4.29	0.22 3.33	5.20 0.29	1.02 1.23
RUNOFF	0.017 0.155	0.384 0.005	0.043 0.679	0.000 1.404	1.753 0.000	0.022 0.000
EVAPOTRANSPIRATION	0.316 1.662	2.094 0.676	1.419 3.523	0.497 2.253	3.040 0.305	0.953 0.462
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0101 0.0069	0.0165 0.0008	0.0101 0.0068	0.0018 0.0050	0.0102 0.0000	0.0074 0.0006
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0045 0.0172	0.0080 0.0030	0.0158 0.0112	0.0056 0.0033	0.0087 0.0000	0.0169 0.0017

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	2.475 1.144	4.294 0.108	2.143 1.394	0.311 1.174	2.427 0.002	1.462 0.107
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STD. DEVIATION OF DAILY	2.233	1.240	1.422	0.525	1.765	0.540
HEAD ON TOP OF LAYER 2	1.208	0.304	1.572	1.811	0.010	0.442

ANNUAL TOTALS FOR YEAR 4

	INCHES	CU. FEET	PERCENT
PRECIPITATION	22.15	80404.516	100.00
RUNOFF	4.462	16195.955	20.14
EVAPOTRANSPIRATION	17.200	62436.984	77.65
PERC./LEAKAGE THROUGH LAYER 2	0.076165	276.478	0.34
AVG. HEAD ON TOP OF LAYER 2	1.4200		
PERC./LEAKAGE THROUGH LAYER 3	0.095910	348.154	0.43
CHANGE IN WATER STORAGE	0.392	1423.369	1.77
SOIL WATER AT START OF YEAR	9.199	33393.164	
SOIL WATER AT END OF YEAR	9.591	34816.535	
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	0.048	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 5

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.77 1.71	0.26 1.62	1.35 2.89	0.00 0.70	3.51 0.59	0.42 0.20
RUNOFF	0.000 0.228	0.000 0.295	0.013 0.781	0.000 0.000	2.108 0.000	0.000 0.000
EVAPOTRANSPIRATION	0.952	0.648	1.428	0.202	0.599	0.333

	1.518	2.132	1.989	0.325	0.428	0.349
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0113	0.0074	0.0085	0.0004	0.0163	0.0120
	0.0103	0.0089	0.0067	0.0000	0.0000	0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0117	0.0133	0.0138	0.0018	0.0035	0.0105
	0.0129	0.0110	0.0046	0.0000	0.0000	0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	2.581	1.625	1.697	0.051	3.998	2.899
	2.237	1.953	1.606	0.000	0.000	0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.490	0.399	1.000	0.193	2.101	0.328
	1.058	1.376	2.180	0.000	0.000	0.000

ANNUAL TOTALS FOR YEAR 5

	INCHES	CU. FEET	PERCENT
PRECIPITATION	14.02	50892.621	100.00
RUNOFF	3.424	12429.503	24.42
EVAPOTRANSPIRATION	10.903	39577.789	77.77
PERC./LEAKAGE THROUGH LAYER 2	0.081880	297.225	0.58
AVG. HEAD ON TOP OF LAYER 2	1.5539		
PERC./LEAKAGE THROUGH LAYER 3	0.083027	301.388	0.59
CHANGE IN WATER STORAGE	-0.390	-1416.092	-2.78
SOIL WATER AT START OF YEAR	9.591	34816.535	
SOIL WATER AT END OF YEAR	9.201	33400.441	
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	0.035	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 6

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.88 1.61	1.39 2.56	0.71 4.85	2.86 3.49	0.19 1.70	4.18 0.85
RUNOFF	0.024 0.625	0.270 0.357	0.000 1.533	1.650 0.476	0.000 0.269	1.533 0.000
EVAPOTRANSPIRATION	0.308 1.577	1.833 1.939	0.632 3.287	1.603 3.556	0.190 1.363	1.741 0.525
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0138	0.0141 0.0103	0.0045 0.0108	0.0026 0.0033	0.0000 0.0044	0.0070 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0090	0.0073 0.0116	0.0178 0.0111	0.0025 0.0069	0.0000 0.0051	0.0078 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.000 3.269	3.736 2.295	0.477 2.451	0.641 0.643	0.000 1.020	1.580 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.000 0.935	1.376 1.373	0.404 1.625	1.441 0.868	0.000 1.700	1.914 0.000

ANNUAL TOTALS FOR YEAR 6

	INCHES	CU. FEET	PERCENT
PRECIPITATION	25.27	91730.102	100.00
RUNOFF	6.737	24456.174	26.66
EVAPOTRANSPIRATION	18.555	67352.844	73.43
PERC./LEAKAGE THROUGH LAYER 2	0.070839	257.146	0.28
AVG. HEAD ON TOP OF LAYER 2	1.3427		
PERC./LEAKAGE THROUGH LAYER 3	0.079102	287.139	0.31

CHANGE IN WATER STORAGE	-0.101	-366.017	-0.40
SOIL WATER AT START OF YEAR	9.201	33400.441	
SOIL WATER AT END OF YEAR	9.100	33034.426	
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	-0.039	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 7

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.53 0.98	0.84 1.79	0.18 6.42	0.00 4.31	1.84 2.12	4.13 1.13
RUNOFF	0.000 0.077	0.001 0.031	0.000 1.929	0.000 0.908	0.343 0.013	2.773 0.000
EVAPOTRANSPIRATION	0.442 0.872	1.102 1.604	0.408 4.367	0.000 3.629	0.319 1.539	2.510 1.764
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0025	0.0062 0.0013	0.0006 0.0103	0.0000 0.0078	0.0026 0.0000	0.0180 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0124	0.0074 0.0038	0.0022 0.0078	0.0000 0.0063	0.0000 0.0000	0.0038 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.000 0.152	1.493 0.199	0.084 2.402	0.000 1.791	0.637 0.000	4.513 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.000 0.131	1.335 0.414	0.265 2.314	0.000 1.941	1.982 0.000	2.258 0.000

ANNUAL TOTALS FOR YEAR 7

	INCHES	CU. FEET	PERCENT
PRECIPITATION	24.27	88100.094	100.00
RUNOFF	6.076	22055.889	25.04
EVAPOTRANSPIRATION	18.555	67353.547	76.45
PERC./LEAKAGE THROUGH LAYER 2	0.049125	178.325	0.20
AVG. HEAD ON TOP OF LAYER 2	0.9392		
PERC./LEAKAGE THROUGH LAYER 3	0.043770	158.884	0.18
CHANGE IN WATER STORAGE	-0.404	-1468.238	-1.67
SOIL WATER AT START OF YEAR	9.100	33034.426	
SOIL WATER AT END OF YEAR	8.696	31566.186	
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	0.011	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 8

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 7.47	1.49 0.96	0.34 2.83	2.35 0.51	0.73 0.37	0.44 0.36
RUNOFF	0.000 4.826	0.405 0.002	0.000 0.251	0.843 0.002	0.002 0.000	0.000 0.000
EVAPOTRANSPIRATION	0.170 2.854	1.166 0.771	0.690 2.098	1.280 1.160	0.764 0.265	0.407 0.242
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0058	0.0049 0.0000	0.0037 0.0107	0.0035 0.0052	0.0042 0.0000	0.0003 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0055	0.0040 0.0000	0.0123 0.0078	0.0024 0.0064	0.0175 0.0000	0.0017 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.000	1.218	0.490	0.821	0.306	0.010
TOP OF LAYER 2	1.284	0.000	2.548	1.106	0.000	0.000
STD. DEVIATION OF DAILY	0.000	1.866	0.422	1.705	0.176	0.031
HEAD ON TOP OF LAYER 2	1.952	0.000	1.167	1.392	0.000	0.000

ANNUAL TOTALS FOR YEAR 8

	INCHES	CU. FEET	PERCENT
PRECIPITATION	18.46	67009.797	100.00
RUNOFF	6.331	22981.287	34.30
EVAPOTRANSPIRATION	11.868	43080.734	64.29
PERC./LEAKAGE THROUGH LAYER 2	0.038303	139.039	0.21
AVG. HEAD ON TOP OF LAYER 2	0.6486		
PERC./LEAKAGE THROUGH LAYER 3	0.057516	208.783	0.31
CHANGE IN WATER STORAGE	0.204	738.971	1.10
SOIL WATER AT START OF YEAR	8.696	31566.186	
SOIL WATER AT END OF YEAR	8.899	32305.156	
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	0.020	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 9

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

PRECIPITATION	0.61	0.78	0.09	0.53	0.52	3.57
	0.85	4.09	2.09	0.88	3.26	0.51
RUNOFF	0.000	0.000	0.000	0.034	0.402	1.509
	0.064	3.063	0.687	0.357	1.408	0.000
EVAPOTRANSPIRATION	0.294	0.280	0.248	0.222	0.504	2.757
	0.122	1.687	0.456	1.317	0.878	1.301
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000	0.0078	0.0182	0.0179	0.0164	0.0108
	0.0006	0.0038	0.0060	0.0127	0.0051	0.0051
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000	0.0045	0.0039	0.0052	0.0083	0.0098
	0.0034	0.0032	0.0007	0.0117	0.0022	0.0071

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.000	2.032	4.477	4.508	3.975	2.588
	0.009	0.848	1.522	2.916	1.256	1.123
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.000	1.748	0.438	1.461	1.055	1.686
	0.023	1.834	2.633	1.905	2.279	1.565

ANNUAL TOTALS FOR YEAR 9

	INCHES	CU. FEET	PERCENT
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PRECIPITATION	17.78	64541.402	100.00
RUNOFF	7.525	27315.686	42.32
EVAPOTRANSPIRATION	10.067	36543.594	56.62
PERC./LEAKAGE THROUGH LAYER 2	0.104278	378.527	0.59
AVG. HEAD ON TOP OF LAYER 2	2.1046		
PERC./LEAKAGE THROUGH LAYER 3	0.060180	218.452	0.34
CHANGE IN WATER STORAGE	0.128	463.647	0.72
SOIL WATER AT START OF YEAR	8.899	32305.156	
SOIL WATER AT END OF YEAR	9.027	32768.805	

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	0.022	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 10

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.95 2.27	0.33 0.69	1.00 3.75	3.20 4.04	0.00 1.04	5.40 1.08
RUNOFF	0.000 1.722	0.000 0.000	0.042 2.032	0.687 1.119	0.000 0.221	4.035 0.007
EVAPOTRANSPIRATION	0.709 1.421	0.482 0.367	1.221 0.839	1.667 2.911	0.963 2.007	0.479 0.413
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0012 0.0103	0.0040 0.0000	0.0056 0.0054	0.0024 0.0103	0.0014 0.0093	0.0020 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0068 0.0055	0.0175 0.0000	0.0171 0.0008	0.0062 0.0041	0.0021 0.0034	0.0002 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.042 2.482	0.400 0.000	0.758 1.378	0.342 2.475	0.294 2.327	0.501 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.086 1.816	0.045 0.000	0.845 2.453	1.087 2.425	0.854 2.643	1.546 0.000

ANNUAL TOTALS FOR YEAR 10

	INCHES	CU. FEET	PERCENT
PRECIPITATION	23.75	86212.500	100.00

RUNOFF	9.865	35809.039	41.54
EVAPOTRANSPIRATION	13.480	48934.141	56.76
PERC./LEAKAGE THROUGH LAYER 2	0.051769	187.922	0.22
AVG. HEAD ON TOP OF LAYER 2	0.9167		
PERC./LEAKAGE THROUGH LAYER 3	0.063712	231.273	0.27
CHANGE IN WATER STORAGE	0.341	1238.064	1.44
SOIL WATER AT START OF YEAR	9.027	32768.805	
SOIL WATER AT END OF YEAR	9.368	34006.867	
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	-0.015	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 11

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.55 3.52	0.97 4.21	0.05 2.13	0.98 0.31	1.85 0.90	0.95 0.53
RUNOFF	0.044 0.714	0.014 1.021	0.000 0.190	0.055 0.000	0.986 0.041	0.036 0.000
EVAPOTRANSPIRATION	2.007 2.460	0.262 4.060	0.416 1.523	0.509 0.532	1.636 0.423	0.463 0.452
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0099 0.0076	0.0001 0.0081	0.0063 0.0046	0.0109 0.0021	0.0136 0.0060	0.0000 0.0101
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0118 0.0080	0.0007 0.0105	0.0169 0.0050	0.0109 0.0059	0.0094 0.0134	0.0000 0.0116

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	2.195 1.706	0.008 1.741	1.029 1.077	2.471 0.341	3.238 1.091	0.000 2.190
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STD. DEVIATION OF DAILY	1.395	0.040	0.133	1.812	0.923	0.000
HEAD ON TOP OF LAYER 2	1.820	1.569	1.598	0.517	0.394	0.841

ANNUAL TOTALS FOR YEAR 11

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.95	65158.516	100.00
RUNOFF	3.101	11255.291	17.27
EVAPOTRANSPIRATION	14.743	53517.258	82.13
PERC./LEAKAGE THROUGH LAYER 2	0.079433	288.343	0.44
AVG. HEAD ON TOP OF LAYER 2	1.4239		
PERC./LEAKAGE THROUGH LAYER 3	0.104138	378.020	0.58
CHANGE IN WATER STORAGE	0.002	7.931	0.01
SOIL WATER AT START OF YEAR	9.368	34006.867	
SOIL WATER AT END OF YEAR	9.370	34014.801	
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	0.018	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 12

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.42 0.63	0.97 0.92	0.43 5.10	1.23 1.74	0.18 4.50	2.64 0.29
RUNOFF	0.000 0.008	0.044 0.167	0.000 2.638	0.284 0.127	0.000 1.923	0.419 0.000
EVAPOTRANSPIRATION	0.304 0.640	1.402 1.505	0.334 1.902	0.599 2.032	0.320 2.067	2.006 0.910

PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0103	0.0100	0.0000	0.0130	0.0103	0.0135
	0.0096	0.0065	0.0115	0.0064	0.0108	0.0016
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0114	0.0093	0.0000	0.0082	0.0118	0.0068
	0.0130	0.0087	0.0068	0.0062	0.0025	0.0029

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	2.273	2.356	0.000	3.206	2.288	3.319
	2.044	1.344	2.781	1.435	2.748	0.337
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.080	1.756	0.000	0.719	0.210	1.786
	0.884	1.436	1.941	1.986	2.745	0.778

ANNUAL TOTALS FOR YEAR 12

	INCHES	CU. FEET	PERCENT
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PRECIPITATION	19.05	69151.516	100.00
RUNOFF	5.610	20365.273	29.45
EVAPOTRANSPIRATION	14.023	50902.066	73.61
PERC./LEAKAGE THROUGH LAYER 2	0.103446	375.509	0.54
AVG. HEAD ON TOP OF LAYER 2	2.0109		
PERC./LEAKAGE THROUGH LAYER 3	0.087527	317.725	0.46
CHANGE IN WATER STORAGE	-0.670	-2433.578	-3.52
SOIL WATER AT START OF YEAR	9.370	34014.801	
SOIL WATER AT END OF YEAR	8.700	31581.221	
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	0.032	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 13

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.13 0.34	0.38 1.36	0.23 1.78	2.90 2.05	3.47 0.47	2.21 1.46
RUNOFF	0.000 0.000	0.000 0.212	0.000 0.371	1.734 0.164	1.710 0.000	0.723 0.125
EVAPOTRANSPIRATION	0.130 1.533	0.173 0.364	0.298 1.352	1.300 1.634	0.900 1.257	1.134 1.106
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0035	0.0000 0.0112	0.0000 0.0133	0.0044 0.0120	0.0037 0.0091	0.0112 0.0085
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0054	0.0000 0.0054	0.0000 0.0096	0.0068 0.0119	0.0002 0.0139	0.0113 0.0076

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.000 0.738	0.000 2.716	0.000 3.257	0.902 2.753	0.913 1.982	2.605 1.924
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.000 1.298	0.000 1.794	0.000 0.930	1.440 1.003	2.149 0.873	1.238 2.164

ANNUAL TOTALS FOR YEAR 13

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.78	60911.418	100.00
RUNOFF	5.040	18294.434	30.03
EVAPOTRANSPIRATION	11.181	40588.418	66.64
PERC./LEAKAGE THROUGH LAYER 2	0.076911	279.188	0.46
AVG. HEAD ON TOP OF LAYER 2	1.4826		

PERC./LEAKAGE THROUGH LAYER 3	0.072235	262.212	0.43
CHANGE IN WATER STORAGE	0.487	1766.333	2.90
SOIL WATER AT START OF YEAR	8.700	31581.221	
SOIL WATER AT END OF YEAR	9.187	33347.555	
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	0.021	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 14

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.46 1.02	0.03 1.49	0.15 3.45	0.09 4.35	1.16 0.45	3.05 0.75
RUNOFF	0.000 0.025	0.000 0.150	0.000 0.957	0.000 2.100	0.100 0.000	2.191 0.005
EVAPOTRANSPIRATION	0.713 0.802	0.251 1.963	0.099 1.559	0.107 3.105	0.210 0.434	1.281 0.442
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0071 0.0041	0.0010 0.0050	0.0000 0.0043	0.0000 0.0112	0.0099 0.0000	0.0137 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0161 0.0130	0.0041 0.0074	0.0000 0.0016	0.0000 0.0074	0.0040 0.0000	0.0088 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	1.269 0.604	0.140 1.021	0.000 1.068	0.000 2.583	2.431 0.000	3.388 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.364 0.556	0.292 1.353	0.000 1.918	0.000 2.094	2.098 0.000	0.686 0.000

ANNUAL TOTALS FOR YEAR 14

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.45	59713.508	100.00
RUNOFF	5.529	20068.580	33.61
EVAPOTRANSPIRATION	10.965	39803.613	66.66
PERC./LEAKAGE THROUGH LAYER 2	0.056338	204.508	0.34
AVG. HEAD ON TOP OF LAYER 2	1.0420		
PERC./LEAKAGE THROUGH LAYER 3	0.062292	226.120	0.38
CHANGE IN WATER STORAGE	-0.106	-384.814	-0.64
SOIL WATER AT START OF YEAR	9.187	33347.555	
SOIL WATER AT END OF YEAR	9.081	32962.738	
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	0.012	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 15

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.20 0.46	0.44 1.27	0.39 3.68	0.00 1.28	3.65 0.81	3.26 1.65
RUNOFF	0.000 0.000	0.000 0.224	0.000 1.141	0.000 0.097	1.298 0.006	1.956 0.380
EVAPOTRANSPIRATION	0.348 0.203	0.285 0.658	0.268 2.267	0.230 1.079	2.328 1.231	1.600 1.498
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0123	0.0000 0.0074	0.0000 0.0071	0.0043 0.0034	0.0038 0.0077
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0063	0.0000 0.0150	0.0000 0.0151	0.0039 0.0050	0.0073 0.0073

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	0.000	0.000	0.000	0.000	0.993	0.745
TOP OF LAYER 2	0.000	2.973	1.376	1.254	0.746	1.693
STD. DEVIATION OF DAILY	0.000	0.000	0.000	0.000	1.687	1.217
HEAD ON TOP OF LAYER 2	0.000	1.585	1.425	0.911	1.212	1.961

ANNUAL TOTALS FOR YEAR 15

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.09	62036.699	100.00
RUNOFF	5.104	18526.848	29.86
EVAPOTRANSPIRATION	11.995	43542.062	70.19
PERC./LEAKAGE THROUGH LAYER 2	0.046091	167.309	0.27
AVG. HEAD ON TOP OF LAYER 2	0.8150		
PERC./LEAKAGE THROUGH LAYER 3	0.060027	217.897	0.35
CHANGE IN WATER STORAGE	-0.069	-250.118	-0.40
SOIL WATER AT START OF YEAR	9.081	32962.738	
SOIL WATER AT END OF YEAR	9.012	32712.623	
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	0.010	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 16

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

PRECIPITATION	0.98	0.34	0.05	2.63	0.17	0.64
	3.69	3.76	2.83	1.49	1.75	0.14
RUNOFF	0.004	0.000	0.000	0.631	0.000	0.016
	2.852	2.307	0.187	0.028	0.171	0.000
EVAPOTRANSPIRATION	0.715	0.375	0.323	2.260	0.076	0.131
	1.412	1.283	2.194	1.530	1.617	0.597
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0021	0.0061	0.0060	0.0047	0.0000	0.0000
	0.0133	0.0050	0.0039	0.0028	0.0085	0.0017
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0056	0.0138	0.0146	0.0058	0.0000	0.0000
	0.0034	0.0072	0.0049	0.0045	0.0095	0.0036

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.331	1.083	0.922	0.996	0.000	0.000
	3.198	1.015	0.851	0.533	1.814	0.296
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.464	0.066	0.074	1.389	0.000	0.000
	2.896	1.319	1.556	0.802	1.774	0.606

ANNUAL TOTALS FOR YEAR 16

	INCHES	CU. FEET	PERCENT
PRECIPITATION	18.47	67046.102	100.00
RUNOFF	6.196	22492.201	33.55
EVAPOTRANSPIRATION	12.512	45418.836	67.74
PERC./LEAKAGE THROUGH LAYER 2	0.054113	196.432	0.29
AVG. HEAD ON TOP OF LAYER 2	0.9200		
PERC./LEAKAGE THROUGH LAYER 3	0.072863	264.493	0.39
CHANGE IN WATER STORAGE	-0.311	-1129.438	-1.68
SOIL WATER AT START OF YEAR	9.012	32712.623	
SOIL WATER AT END OF YEAR	8.701	31583.184	

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	0.012	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 17

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.53 2.92	0.75 2.98	0.42 3.29	0.22 2.33	3.01 0.31	3.82 1.35
RUNOFF	0.000 0.996	0.024 0.272	0.000 0.419	0.000 0.110	1.243 0.000	0.820 0.056
EVAPOTRANSPIRATION	0.269 1.338	0.329 3.016	0.315 3.274	0.260 2.464	2.148 0.152	2.957 0.365
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0036	0.0047 0.0067	0.0079 0.0056	0.0094 0.0022	0.0065 0.0000	0.0048 0.0017
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0039	0.0064 0.0095	0.0121 0.0057	0.0098 0.0063	0.0086 0.0000	0.0103 0.0004

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.000 0.753	1.083 1.277	1.530 1.225	2.085 0.295	1.247 0.000	0.810 0.401
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.000 1.341	0.900 1.158	0.081 1.420	0.532 0.411	1.925 0.000	1.361 1.433

ANNUAL TOTALS FOR YEAR 17

	INCHES	CU. FEET	PERCENT
PRECIPITATION	21.93	79605.914	100.00

RUNOFF	3.940	14302.071	17.97
EVAPOTRANSPIRATION	16.886	61297.016	77.00
PERC./LEAKAGE THROUGH LAYER 2	0.053073	192.656	0.24
AVG. HEAD ON TOP OF LAYER 2	0.8922		
PERC./LEAKAGE THROUGH LAYER 3	0.073017	265.051	0.33
CHANGE IN WATER STORAGE	1.031	3741.765	4.70
SOIL WATER AT START OF YEAR	8.701	31583.184	
SOIL WATER AT END OF YEAR	9.731	35324.949	
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	0.0000	0.011	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 18

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.00 0.26	0.35 1.06	2.93 6.22	1.97 4.07	0.22 0.41	1.21 1.75
RUNOFF	0.000 0.000	0.000 0.123	0.442 2.791	0.477 0.626	0.000 0.000	0.118 0.033
EVAPOTRANSPIRATION	0.338 0.322	0.273 1.535	2.584 2.862	1.702 3.575	0.511 0.826	0.591 1.297
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0173 0.0085	0.0114 0.0056	0.0142 0.0130	0.0081 0.0053	0.0053 0.0006	0.0003 0.0082
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0026 0.0112	0.0068 0.0071	0.0070 0.0025	0.0110 0.0033	0.0150 0.0013	0.0003 0.0096

 MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	4.247	2.947	3.348	1.674	0.700	0.076
TOP OF LAYER 2	1.731	1.155	3.278	1.224	0.114	1.754
STD. DEVIATION OF DAILY	0.651	0.250	1.458	1.564	0.257	0.417
HEAD ON TOP OF LAYER 2	0.134	1.295	2.067	1.720	0.364	1.037

ANNUAL TOTALS FOR YEAR 18

	INCHES	CU. FEET	PERCENT
	-----	-----	-----
PRECIPITATION	20.45	74233.492	100.00
RUNOFF	4.610	16733.641	22.54
EVAPOTRANSPIRATION	16.416	59589.910	80.27
PERC./LEAKAGE THROUGH LAYER 2	0.097863	355.242	0.48
AVG. HEAD ON TOP OF LAYER 2	1.8540		
PERC./LEAKAGE THROUGH LAYER 3	0.077696	282.036	0.38
CHANGE IN WATER STORAGE	-0.653	-2372.110	-3.20
SOIL WATER AT START OF YEAR	9.731	35324.949	
SOIL WATER AT END OF YEAR	9.078	32952.840	
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	0.021	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 19

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.88 4.12	1.31 0.75	1.22 1.44	1.00 3.92	2.36 1.22	0.53 0.44
RUNOFF	0.000 1.857	0.542 0.006	0.002 0.220	0.102 0.764	0.891 0.065	0.000 0.000
EVAPOTRANSPIRATION	0.532 1.801	0.569 0.711	1.979 1.750	1.086 3.119	1.467 1.247	0.264 0.466
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0030 0.0034	0.0023 0.0100	0.0032 0.0098	0.0005 0.0109	0.0029 0.0023	0.0000 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0074 0.0031	0.0037 0.0098	0.0025 0.0096	0.0014 0.0094	0.0036 0.0072	0.0000 0.0006

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.483 0.744	0.471 2.185	0.727 2.186	0.071 2.375	0.619 0.275	0.000 0.002
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.542 1.364	1.514 0.437	1.301 0.975	0.211 1.486	1.281 0.299	0.000 0.014

ANNUAL TOTALS FOR YEAR 19

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.19	69659.695	100.00
RUNOFF	4.449	16150.882	23.19
EVAPOTRANSPIRATION	14.992	54419.473	78.12
PERC./LEAKAGE THROUGH LAYER 2	0.048363	175.559	0.25
AVG. HEAD ON TOP OF LAYER 2	0.8450		

PERC./LEAKAGE THROUGH LAYER 3	0.058472	212.253	0.30
CHANGE IN WATER STORAGE	-0.309	-1122.923	-1.61
SOIL WATER AT START OF YEAR	9.078	32952.840	
SOIL WATER AT END OF YEAR	8.769	31829.916	
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	0.010	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 20

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.69 2.09	0.16 0.97	0.81 5.25	1.98 0.91	0.27 0.00	0.06 0.83
RUNOFF	0.000 0.705	0.000 0.513	0.000 2.653	0.926 0.000	0.000 0.000	0.000 0.033
EVAPOTRANSPIRATION	0.375 0.501	0.315 1.323	0.302 1.891	1.707 1.333	0.363 0.275	0.086 0.281
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0093	0.0000 0.0086	0.0004 0.0044	0.0075 0.0029	0.0000 0.0000	0.0000 0.0007
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0027	0.0000 0.0043	0.0015 0.0041	0.0115 0.0067	0.0000 0.0000	0.0000 0.0043

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.000 2.240	0.000 2.038	0.040 1.018	1.418 0.477	0.000 0.000	0.000 0.006
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.000 1.884	0.000 1.892	0.162 1.555	1.437 0.553	0.000 0.000	0.000 0.013

ANNUAL TOTALS FOR YEAR 20

	INCHES	CU. FEET	PERCENT
PRECIPITATION	14.02	50892.605	100.00
RUNOFF	4.830	17532.303	34.45
EVAPOTRANSPIRATION	8.753	31772.951	62.43
PERC./LEAKAGE THROUGH LAYER 2	0.033899	123.054	0.24
AVG. HEAD ON TOP OF LAYER 2	0.6030		
PERC./LEAKAGE THROUGH LAYER 3	0.035150	127.594	0.25
CHANGE IN WATER STORAGE	0.402	1459.746	2.87
SOIL WATER AT START OF YEAR	8.769	31829.916	
SOIL WATER AT END OF YEAR	9.171	33289.660	
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	0.011	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 21

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.83 0.72	0.60 1.05	0.07 2.27	1.08 2.36	2.41 0.62	1.31 2.34
RUNOFF	0.009 0.013	0.182 0.016	0.000 0.015	0.209 0.311	1.336 0.000	0.057 0.886
EVAPOTRANSPIRATION	0.327 0.412	0.334 1.335	0.250 2.251	1.212 2.405	1.586 0.306	0.791 1.137
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0018 0.0059	0.0197 0.0072	0.0185 0.0093	0.0145 0.0083	0.0068 0.0000	0.0062 0.0063
PERCOLATION/LEAKAGE THROUGH	0.0001	0.0005	0.0033	0.0077	0.0066	0.0135

MONTHLY TOTALS (IN INCHES) FOR YEAR 22

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.77 0.42	0.83 0.87	0.78 4.52	0.97 1.86	0.55 0.58	3.16 1.38
RUNOFF	0.040 0.005	0.025 0.015	0.011 1.969	0.004 0.468	0.008 0.000	0.904 0.198
EVAPOTRANSPIRATION	2.416 1.422	0.237 0.414	0.448 2.898	1.344 1.605	0.522 0.283	1.620 0.412
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0065 0.0021	0.0000 0.0015	0.0032 0.0069	0.0098 0.0037	0.0096 0.0000	0.0044 0.0029
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0104 0.0019	0.0000 0.0069	0.0061 0.0073	0.0103 0.0041	0.0109 0.0000	0.0056 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	1.303 0.472	0.000 0.067	0.576 1.485	2.176 0.805	2.054 0.000	0.965 0.725
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.969 1.289	0.000 0.086	1.195 1.798	1.209 1.530	0.482 0.000	1.351 1.915

ANNUAL TOTALS FOR YEAR 22

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.69	64214.723	100.00
RUNOFF	3.646	13234.582	20.61
EVAPOTRANSPIRATION	13.622	49448.852	77.01
PERC./LEAKAGE THROUGH LAYER 2	0.050601	183.680	0.29
AVG. HEAD ON TOP OF LAYER 2	0.8856		

PERC./LEAKAGE THROUGH LAYER 3	0.063485	230.449	0.36
CHANGE IN WATER STORAGE	0.358	1300.824	2.03
SOIL WATER AT START OF YEAR	9.369	34008.754	
SOIL WATER AT END OF YEAR	9.727	35309.578	
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	0.015	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 23

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.09 2.18	0.12 0.67	0.00 1.64	2.07 1.89	2.69 1.07	2.12 1.96
RUNOFF	0.000 0.126	0.000 0.050	0.000 0.419	0.485 0.116	1.075 0.008	0.643 0.259
EVAPOTRANSPIRATION	0.322 1.095	0.257 1.099	0.251 0.563	1.374 2.944	2.159 0.594	1.449 1.232
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0170 0.0006	0.0111 0.0148	0.0099 0.0110	0.0091 0.0083	0.0057 0.0047	0.0017 0.0112
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0038 0.0007	0.0081 0.0067	0.0114 0.0098	0.0113 0.0074	0.0072 0.0065	0.0017 0.0107

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	4.157 0.155	2.871 3.557	2.157 2.584	1.976 1.827	1.199 1.026	0.414 2.466
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.592 0.795	0.256 0.771	0.144 0.896	1.038 1.906	1.323 0.986	1.203 1.521

ANNUAL TOTALS FOR YEAR 23

	INCHES	CU. FEET	PERCENT
PRECIPITATION	16.50	59895.016	100.00
RUNOFF	3.182	11551.206	19.29
EVAPOTRANSPIRATION	13.337	48414.086	80.83
PERC./LEAKAGE THROUGH LAYER 2	0.105218	381.942	0.64
AVG. HEAD ON TOP OF LAYER 2	2.0323		
PERC./LEAKAGE THROUGH LAYER 3	0.085306	309.660	0.52
CHANGE IN WATER STORAGE	-0.105	-379.975	-0.63
SOIL WATER AT START OF YEAR	9.727	35309.578	
SOIL WATER AT END OF YEAR	9.622	34929.605	
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	0.038	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 24

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.46 0.00	2.05 4.21	1.84 4.56	3.96 2.34	0.00 0.00	0.79 0.97
RUNOFF	0.091 0.000	0.067 2.903	0.117 2.601	1.339 0.208	0.000 0.000	0.048 0.000
EVAPOTRANSPIRATION	1.855 0.357	1.410 0.321	2.269 2.985	2.877 1.846	0.194 0.413	0.194 0.381
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0102 0.0000	0.0087 0.0107	0.0050 0.0086	0.0066 0.0043	0.0001 0.0014	0.0000 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0114 0.0000	0.0114 0.0006	0.0048 0.0029	0.0044 0.0067	0.0006 0.0037	0.0000 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON	2.188	1.904	1.089	1.572	0.011	0.000
TOP OF LAYER 2	0.000	2.628	2.139	0.876	0.231	0.000
STD. DEVIATION OF DAILY	1.377	1.555	1.624	2.288	0.063	0.000
HEAD ON TOP OF LAYER 2	0.000	3.320	2.674	1.117	0.449	0.000

ANNUAL TOTALS FOR YEAR 24

	INCHES	CU. FEET	PERCENT
PRECIPITATION	22.18	80513.406	100.00
RUNOFF	7.374	26766.182	33.24
EVAPOTRANSPIRATION	15.101	54817.258	68.08
PERC./LEAKAGE THROUGH LAYER 2	0.055486	201.415	0.25
AVG. HEAD ON TOP OF LAYER 2	1.0533		
PERC./LEAKAGE THROUGH LAYER 3	0.046646	169.325	0.21
CHANGE IN WATER STORAGE	-0.341	-1239.386	-1.54
SOIL WATER AT START OF YEAR	9.622	34929.605	
SOIL WATER AT END OF YEAR	9.281	33690.219	
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	0.031	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 25

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.74	2.84	1.00	0.48	1.15	1.06
	0.33	3.80	4.09	1.21	0.51	0.12

RUNOFF	0.009	0.601	0.001	0.000	0.074	0.030
	0.000	1.275	0.574	0.046	0.000	0.000
EVAPOTRANSPIRATION	0.367	2.526	1.079	0.454	1.423	0.514
	0.390	2.754	3.078	1.539	0.777	0.300
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0160	0.0172	0.0107	0.0076	0.0049	0.0105
	0.0101	0.0120	0.0107	0.0048	0.0063	0.0005
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0040	0.0050	0.0137	0.0156	0.0087	0.0083
	0.0132	0.0113	0.0120	0.0063	0.0156	0.0024

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	3.944	4.660	2.384	1.518	0.956	2.574
	2.226	2.689	2.371	1.051	1.073	0.049
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	1.751	1.210	0.801	0.533	1.270	1.321
	0.225	1.497	1.943	1.336	0.308	0.165

ANNUAL TOTALS FOR YEAR 25

	INCHES	CU. FEET	PERCENT
PRECIPITATION	17.33	62907.898	100.00
RUNOFF	2.609	9471.396	15.06
EVAPOTRANSPIRATION	15.199	55171.691	87.70
PERC./LEAKAGE THROUGH LAYER 2	0.111214	403.705	0.64
AVG. HEAD ON TOP OF LAYER 2	2.1246		
PERC./LEAKAGE THROUGH LAYER 3	0.116041	421.228	0.67
CHANGE IN WATER STORAGE	-0.594	-2156.427	-3.43
SOIL WATER AT START OF YEAR	9.281	33690.219	
SOIL WATER AT END OF YEAR	8.687	31533.791	
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	0.009	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 26

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.41 0.42	0.78 4.51	1.13 3.21	0.00 4.27	5.86 0.60	2.48 0.48
RUNOFF	0.000 0.000	0.006 1.155	0.338 0.214	0.000 1.211	2.724 0.000	0.460 0.000
EVAPOTRANSPIRATION	0.236 0.420	0.284 2.278	0.565 3.674	0.232 3.101	2.844 0.595	2.941 0.477
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0078	0.0060 0.0072	0.0138 0.0074	0.0052 0.0010	0.0050 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0039	0.0081 0.0062	0.0076 0.0081	0.0043 0.0034	0.0044 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.000 0.000	0.000 1.859	1.205 1.732	3.425 1.652	1.217 0.172	1.179 0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.000 0.000	0.000 1.989	1.816 2.028	0.297 1.647	1.923 0.389	1.824 0.000

ANNUAL TOTALS FOR YEAR 26

	INCHES	CU. FEET	PERCENT
PRECIPITATION	24.15	87664.516	100.00
RUNOFF	6.108	22171.670	25.29
EVAPOTRANSPIRATION	17.647	64057.867	73.07
PERC./LEAKAGE THROUGH LAYER 2	0.053471	194.100	0.22
AVG. HEAD ON TOP OF LAYER 2	1.0367		

PERC./LEAKAGE THROUGH LAYER 3	0.046022	167.060	0.19
CHANGE IN WATER STORAGE	0.349	1267.884	1.45
SOIL WATER AT START OF YEAR	8.687	31533.791	
SOIL WATER AT END OF YEAR	9.036	32801.676	
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	0.031	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 27

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 0.74	0.15 2.32	1.18 1.13	0.55 1.30	4.62 0.92	5.08 0.88
RUNOFF	0.000 0.003	0.000 0.661	0.017 0.000	0.000 0.020	1.486 0.008	3.465 0.000
EVAPOTRANSPIRATION	0.362 0.369	0.283 1.715	1.358 0.751	0.464 1.423	2.882 0.725	2.108 1.048
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0000 0.0000	0.0000 0.0075	0.0086 0.0058	0.0011 0.0083	0.0082 0.0057	0.0048 0.0085
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0000 0.0000	0.0000 0.0043	0.0083 0.0158	0.0040 0.0136	0.0073 0.0147	0.0047 0.0122

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	0.000 0.000	0.000 1.783	1.931 0.906	0.143 1.620	1.820 0.873	1.125 1.719
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.000 0.000	0.000 1.952	1.564 0.581	0.322 1.229	1.993 0.811	1.588 0.578

ANNUAL TOTALS FOR YEAR 27

	INCHES	CU. FEET	PERCENT
PRECIPITATION	19.48	70712.398	100.00
RUNOFF	5.661	20548.350	29.06
EVAPOTRANSPIRATION	13.487	48959.254	69.24
PERC./LEAKAGE THROUGH LAYER 2	0.058515	212.409	0.30
AVG. HEAD ON TOP OF LAYER 2	0.9933		
PERC./LEAKAGE THROUGH LAYER 3	0.084775	307.732	0.44
CHANGE IN WATER STORAGE	0.247	897.049	1.27
SOIL WATER AT START OF YEAR	9.036	32801.676	
SOIL WATER AT END OF YEAR	9.283	33698.723	
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	0.014	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 28

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.61 3.11	0.08 4.58	1.35 0.68	0.25 5.11	3.33 0.10	1.24 0.89
RUNOFF	0.000 1.396	0.000 1.834	0.342 0.001	0.000 1.476	1.068 0.000	0.085 0.000
EVAPOTRANSPIRATION	0.482 1.512	0.338 2.775	1.062 0.568	0.658 3.399	2.254 1.007	0.733 0.247
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0064 0.0057	0.0063 0.0045	0.0079 0.0018	0.0010 0.0132	0.0077 0.0024	0.0064 0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0138 0.0073	0.0121 0.0019	0.0114 0.0038	0.0021 0.0064	0.0063 0.0027	0.0090 0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	1.045	1.150	1.495	0.175	1.672	1.292
	1.119	1.068	0.297	3.056	0.510	0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.169	0.044	1.177	0.444	1.708	0.703
	1.229	1.767	0.492	1.383	1.030	0.000

ANNUAL TOTALS FOR YEAR 28

	INCHES	CU. FEET	PERCENT
PRECIPITATION	21.33	77427.898	100.00
RUNOFF	6.201	22510.973	29.07
EVAPOTRANSPIRATION	15.038	54588.090	70.50
PERC./LEAKAGE THROUGH LAYER 2	0.063197	229.405	0.30
AVG. HEAD ON TOP OF LAYER 2	1.0733		
PERC./LEAKAGE THROUGH LAYER 3	0.076712	278.464	0.36
CHANGE IN WATER STORAGE	0.014	50.377	0.07
SOIL WATER AT START OF YEAR	9.283	33698.723	
SOIL WATER AT END OF YEAR	9.297	33749.102	
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	-0.002	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 29

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	1.03	2.62	0.33	0.01	4.10	0.36
	0.48	4.29	6.12	4.97	1.23	0.79

RUNOFF	0.212	1.109	0.000	0.000	2.624	0.000
	0.000	0.981	3.168	2.352	0.061	0.017
EVAPOTRANSPIRATION	1.129	1.474	0.595	0.084	1.471	0.311
	0.175	3.164	3.088	1.880	2.057	0.289
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0120	0.0098	0.0007	0.0000	0.0113	0.0000
	0.0000	0.0124	0.0085	0.0056	0.0038	0.0000
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0072	0.0088	0.0019	0.0000	0.0026	0.0000
	0.0000	0.0066	0.0045	0.0025	0.0045	0.0000

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	2.761	2.302	0.106	0.000	2.743	0.000
	0.000	2.926	2.049	1.333	0.870	0.000
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	1.771	2.034	0.322	0.000	2.301	0.000
	0.000	1.654	2.365	2.201	1.484	0.000

ANNUAL TOTALS FOR YEAR 29

	INCHES	CU. FEET	PERCENT
PRECIPITATION	26.33	95577.930	100.00
RUNOFF	10.525	38204.586	39.97
EVAPOTRANSPIRATION	15.717	57053.387	59.69
PERC./LEAKAGE THROUGH LAYER 2	0.063999	232.317	0.24
AVG. HEAD ON TOP OF LAYER 2	1.2574		
PERC./LEAKAGE THROUGH LAYER 3	0.038691	140.447	0.15
CHANGE IN WATER STORAGE	0.049	179.469	0.19
SOIL WATER AT START OF YEAR	9.297	33749.102	
SOIL WATER AT END OF YEAR	9.347	33928.570	
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	0.041	0.00

MONTHLY TOTALS (IN INCHES) FOR YEAR 30

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION	0.50 3.04	1.84 6.28	1.70 2.40	0.71 2.63	0.70 1.61	0.72 1.72
RUNOFF	0.002 1.272	0.002 3.500	0.068 0.497	0.005 0.643	0.000 0.005	0.001 0.051
EVAPOTRANSPIRATION	0.522 0.818	1.555 3.771	1.616 1.380	0.977 1.916	0.663 1.590	1.315 1.308
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.0112 0.0057	0.0115 0.0068	0.0071 0.0074	0.0093 0.0087	0.0091 0.0012	0.0082 0.0038
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.0090 0.0053	0.0081 0.0040	0.0092 0.0054	0.0116 0.0089	0.0123 0.0030	0.0109 0.0071

MONTHLY SUMMARIES FOR DAILY HEADS (INCHES)

AVERAGE DAILY HEAD ON TOP OF LAYER 2	2.583 1.182	2.989 1.602	1.501 1.762	2.054 1.874	1.916 0.198	1.789 0.709
STD. DEVIATION OF DAILY HEAD ON TOP OF LAYER 2	0.766 2.066	0.805 2.269	1.532 1.843	0.270 1.779	0.283 0.424	0.645 1.264

ANNUAL TOTALS FOR YEAR 30

	INCHES	CU. FEET	PERCENT
PRECIPITATION	23.85	86575.508	100.00
RUNOFF	6.045	21944.887	25.35
EVAPOTRANSPIRATION	17.433	63282.012	73.09
PERC./LEAKAGE THROUGH LAYER 2	0.089911	326.376	0.38
AVG. HEAD ON TOP OF LAYER 2	1.6797		
PERC./LEAKAGE THROUGH LAYER 3	0.094799	344.121	0.40

CHANGE IN WATER STORAGE	0.277	1004.487	1.16
SOIL WATER AT START OF YEAR	9.347	33928.570	
SOIL WATER AT END OF YEAR	9.623	34933.055	
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	-0.001	0.00

AVERAGE MONTHLY VALUES IN INCHES FOR YEARS 1 THROUGH 30

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
<u>PRECIPITATION</u>						
TOTALS	0.66 1.65	0.98 2.31	0.79 3.57	1.08 2.49	1.97 0.96	2.35 0.97
STD. DEVIATIONS	0.44 1.61	0.81 1.57	0.69 1.65	1.17 1.44	1.76 0.97	1.81 0.57
<u>RUNOFF</u>						
TOTALS	0.015 0.591	0.167 0.712	0.052 1.131	0.316 0.534	0.773 0.140	0.996 0.069
STD. DEVIATIONS	0.042 1.073	0.286 1.011	0.115 1.077	0.511 0.634	0.871 0.426	1.265 0.178
<u>EVAPOTRANSPIRATION</u>						
TOTALS	0.600 0.987	0.760 1.670	0.854 2.298	0.869 2.101	1.153 0.896	1.291 0.712
STD. DEVIATIONS	0.556 0.700	0.650 1.010	0.703 1.102	0.719 0.938	0.905 0.591	1.021 0.455
<u>PERCOLATION/LEAKAGE THROUGH LAYER 2</u>						
TOTALS	0.0051 0.0054	0.0065 0.0069	0.0060 0.0080	0.0054 0.0065	0.0062 0.0030	0.0060 0.0028
STD. DEVIATIONS	0.0059 0.0044	0.0057 0.0040	0.0052 0.0030	0.0052 0.0035	0.0047 0.0033	0.0050 0.0037

PERCOLATION/LEAKAGE THROUGH LAYER 3

TOTALS	0.0047	0.0059	0.0082	0.0059	0.0062	0.0064
	0.0076	0.0074	0.0078	0.0071	0.0042	0.0036
STD. DEVIATIONS	0.0052	0.0050	0.0066	0.0048	0.0050	0.0053
	0.0071	0.0056	0.0050	0.0034	0.0049	0.0049

AVERAGES OF MONTHLY AVERAGED DAILY HEADS (INCHES)

DAILY AVERAGE HEAD ON TOP OF LAYER 2

AVERAGES	1.1439	1.5858	1.2478	1.2193	1.3863	1.3891
	1.1460	1.5370	1.8543	1.4292	0.6420	0.6118
STD. DEVIATIONS	1.4192	1.5383	1.2525	1.2708	1.1401	1.2378
	1.0505	0.9805	0.7534	0.8425	0.7712	0.8094

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

	INCHES		CU. FEET	PERCENT
PRECIPITATION	19.78	(3.525)	71796.6	100.00
RUNOFF	5.497	(1.9637)	19952.53	27.790
EVAPOTRANSPIRATION	14.191	(2.5805)	51512.62	71.748
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.06801	(0.02262)	246.863	0.34384
AVERAGE HEAD ON TOP OF LAYER 2	1.266	(0.465)		
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.07511	(0.02462)	272.652	0.37976
CHANGE IN WATER STORAGE	0.016	(0.3769)	58.76	0.082

PEAK DAILY VALUES FOR YEARS 1 THROUGH 30

	(INCHES)	(CU. FT.)
PRECIPITATION	4.24	15391.199
RUNOFF	3.521	12780.8213
PERCOLATION/LEAKAGE THROUGH LAYER 2	0.000919	3.33672
AVERAGE HEAD ON TOP OF LAYER 2	7.000	
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.001196	4.34177
SNOW WATER	0.00	0.0000
MAXIMUM VEG. SOIL WATER (VOL/VOL)		0.4370
MINIMUM VEG. SOIL WATER (VOL/VOL)		0.2660

FINAL WATER STORAGE AT END OF YEAR 30

LAYER	(INCHES)	(VOL/VOL)
1	2.8103	0.4015
2	0.0000	0.0000
3	6.3779	0.3543
SNOW WATER	0.000	
