

NOAA Technical Report NWS 34



Mean Monthly, Seasonal, and Annual Pan Evaporation for the United States

Washington, D.C.
December 1982

**U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service**

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National Weather Service Series

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- WB 10 Hemispheric Teleconnections of Mean Circulation Anomalies at 700 Millibars. James F. O'Connor, National Meteorological Center, February 1969, 103 p.
- WB 11 Monthly Mean 100-, 50-, 30-, and 10-Millibar Charts and Standard Deviation Maps, 1966-1967. Staff, Upper Air Branch, National Meteorological Center, April 1969, 124 p.
- WB 12 Weekly Synoptic Analyses, 5-, 2-, and 0.4-Millibar Surfaces for 1967. Staff, Upper Air Branch, National Meteorological Center, January 1970, 169 p.

NOAA Technical Reports

- NWS 13 The March-April 1969 Snowmelt Floods in the Red River of the North, Upper Mississippi, and Missouri Basins. Joseph L. H. Paulhus, Office of Hydrology, October 1970, 92 p. (COM-71-50269)
- NWS 14 Weekly Synoptic Analyses, 5-, 2-, and 0.4-Millibar Surfaces for 1968. Staff, Upper Air Branch, National Meteorological Center, May 1971, 169 p. (COM-71-50383)
- NWS 15 Some Climatological Characteristics of Hurricanes and Tropical Storms, Gulf and East Coasts of the United States. Francis P. Ho, Richard W. Schwerdt, and Hugo V. Goodyear, May 1975, 87 p. (COM-75-11088)

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Malcolm Baldrige, Secretary

National Oceanic and Atmospheric Administration

John V. Byrne, Administrator

National Weather Service

Richard E. Hallgren, Acting Assistant Administrator

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MEAN MONTHLY, SEASONAL, AND ANNUAL
PAN EVAPORATION FOR THE UNITED STATES

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INTRODUCTION

This publication is a compilation of monthly, seasonal, and annual averages of estimated pan evaporation based on observations from Class A pans and on meteorological measurements by the National Weather Service (NWS) and cooperating agencies. It replaces Technical Paper No. 13 (U.S. Weather Bureau, Hydrologic Branch, Division of Climatological and Hydrologic Services, 1950). These tabulations were generated from the augmentation of a smaller data set used to develop evaporation maps published in NOAA Technical Report NWS-33, Evaporation Atlas for the Contiguous 48 United States, (Farnsworth et al., 1982). This report and its companion report, the evaporation atlas, should facilitate the determination of monthly values of evaporation at most points in the country.

The data set used for the evaporation atlas included, at most, 15 years of data record. To obtain the tabulations contained in this report, the data set was enlarged to include the available period of record (through January 1981 for currently active stations). Therefore, while this report was produced at the same time as the evaporation atlas, there are some significant differences in the data used. The data sets used to produce the maps in the evaporation atlas were selected and, in some cases, adjusted to fit a common base period of 1956-70. For this report, the total period of record rather than a common time base was chosen for the record of observed pan evaporation. This avoids possible errors which might result from adjustments made to fit the common time base. Inclusion of the additional data periods of observed pan records required only tabulation from published records. However, the estimation of "pan" evaporation based on meteorological measurements requires many computations, and so only estimates for years for which the data were already prepared for computer processing (1956-70) for the atlas were included in this report. For the same reason, coefficients of variation of the monthly, seasonal, and annual values of the pan data were computed only for the 1956-70 base except for stations in the state of California which were available on magnetic tape for their full periods of record.

Evaporation means are included for only those stations that have at least 1 month with a period of record of 10 years or more prior to January 1981. Evaporation means for months with less than 5 years of record are omitted. Those means for months with between 5 and 10 years of record are shown to the nearest inch. This format should remind the user that these data cannot be treated with the same confidence as those means with 10 years or more of record which are shown to the nearest 0.01 inch. Actually, the latter should not be interpreted to an accuracy greater than 0.1 inches. However, the additional decimal place was retained to conform with published records.

Months with fewer than 20 observations were excluded from the analysis. This occurred mainly where observations were not taken on weekends, observers went on vacation, or temperatures were near or below freezing.

The data are presented in two tables. Table I lists averages based on observed Class A pan data, and table II lists average "pan" evaporation based on estimates of monthly evaporation derived from hydrometeorological measurements using a form of the Penman equation described by Kohler et al. (1955). Individual stations listed in the tables are ordered alphabetically within their appropriate states. The states are also listed alphabetically.

Table I data are generated primarily from data published in the series, Climatological Data of the United States (NOAA-EDIS). Details on site operation, including the name of the individual or agency operating the station, can be found in the annual summaries. Measurements obtained using non-standard pans, installations, or methods are difficult to compare with those obtained using the standard pans and, therefore, have more limited use. Only stations using standard Class A pans, with a standard installation, and assumed to be following standard procedures are included in table I. The standard Class A pans are unpainted, constructed of monel or galvanized metal, 47.5 inches in diameter, 10 inches deep, and mounted on a platform which raises the pan base a few inches above the surrounding ground. The installation of the pan and the measurement procedures are described in the NWS Observing Manual No. 2--Substation Observations (NOAA-NWS 1972). Approximate locations of the pans are shown in figures 1 and 2. Figure 1 shows those stations which observe only the evaporation from the pan while figure 2 shows stations measuring, in addition to evaporation, the temperature of the water in the pan and the total wind movement over the pan.

The values in table II are estimates based on hydrometeorological data for stations, most of which are published in the series Local Climatological Data (NOAA-EDIS). Details regarding individual stations are found in this publication, especially the issues which present annual summaries. As indicated previously, these data are averages of estimates of monthly Class A "pan" evaporation derived from hydrometeorological measurements. These measurements were taken at the stations of the NWS basic and synoptic network (NOAA-NWS 1979) which had at least 1 month with 10 years of record during the evaporation atlas base period, 1956-70. The locations of these stations are identified in figure 3. The observations required for the evaporation estimates were mean air temperature, mean dew point, the total wind movement 2 feet above the ground surface, and an estimate of incoming solar radiation. Daily wind movement was generally estimated from available wind speeds observed every six hours at the station anemometer height (often around 20 feet). This estimated wind movement was then adjusted, using a logarithmic relationship, to obtain an equivalent wind movement at 2 feet. Solar radiation was either measured directly (at those stations equipped with pyranometers), estimated from hours of sunshine (at stations equipped with sunshine recorders) (Hamon et al., 1954), or estimated from cloud cover (at the remainder of the stations) (Thompson, 1976).

The monthly mean estimated pan evaporation was computed for each month using eq. 1 of NOAA Technical Report NWS-33. A period-of-record average for each month of the year was formed by taking the average of all the values for a given month included in the period of record. The individual monthly sums were formed by multiplying the daily average by the number of days in the month. The data used to estimate each daily mean consisted of the mean daily air and dewpoint temperature and mean daily accumulations of solar radiation (sometimes estimated

from sky cover) and wind travel for the month. Determination of means in this way, using mean values of the input data rather than computing daily estimates of pan evaporation and then computing the average, was based on the experience of Kohler and others (Kohler et al., 1955) who stated that "experience has shown that only minor errors result when monthly evaporation (i.e., mean daily values for the month) is computed from monthly averages of the daily values of T_a , T_d , W_s and U_p (air temperature, dewpoint temperature, solar radiation, and daily pan wind travel)."

It should be noted that the annual means are computed as the sum of the individual monthly means. This causes some bias toward higher evaporation because the record is often not complete during months when temperatures are near or below freezing. For example, during a year when a spring month is colder than normal, observations are missed more often than usual because water in pans is frozen or the pan has to be taken out of service. In these situations, the data that are available for these months for computing an average represent intervals of milder temperatures and higher evaporation. When these months of partial record are summed into the annual or seasonal mean, they tend to bias the annual or seasonal value high. At stations located at high elevations, only the summer months are free from this problem. Our solution to this problem has been simply to note the number of years of record available for each month for each station and to caution users so that they may make subjective corrections appropriate at that location based on their familiarity with the climate.

All of the evaporation values in these tables represent estimates of expected evaporation occurring from a Class A pan. It has been found that evaporation from a shallow lake, wet soil, or other moist natural surfaces is roughly 70 percent of the evaporation from a Class A pan for the same meteorological conditions. The evaporation from shallow lakes and moist soils is generally classified by one of the following equivalent names: free water surface evaporation (FWS), lake evaporation (E_L), or potential evapotranspiration (PE). An estimate of FWS which is more accurate than that given by multiplying the pan value by 0.70, is obtained by multiplying the pan amount by the appropriate coefficient from map 4 of the evaporation atlas described earlier. Still greater accuracy can be achieved when the pan at which the evaporation data were observed also has concurrent records of pan water temperature and pan wind movement. Then FWS evaporation can be computed by methods described by Kohler et al. (1955).

One purpose of this report is to present, in convenient form, monthly means of pan evaporation for those stations having sufficiently long records to establish stable normal values. An important use for these records is in extrapolating to locations where monthly estimates of evaporation are required but no measurements have been taken. Annual and seasonal (May through October) evaporation can be estimated from the maps in the evaporation atlas. The pan data in these tables can be converted to free water surface (FWS) evaporation using map 4 of the evaporation atlas. Determination of monthly values from the annual or seasonal values is done by (1) determining the ratio of the monthly to annual evaporation for an appropriate station having data in these tables, and (2) multiplying this ratio by the value obtained from the map. For an example, see appendix A.

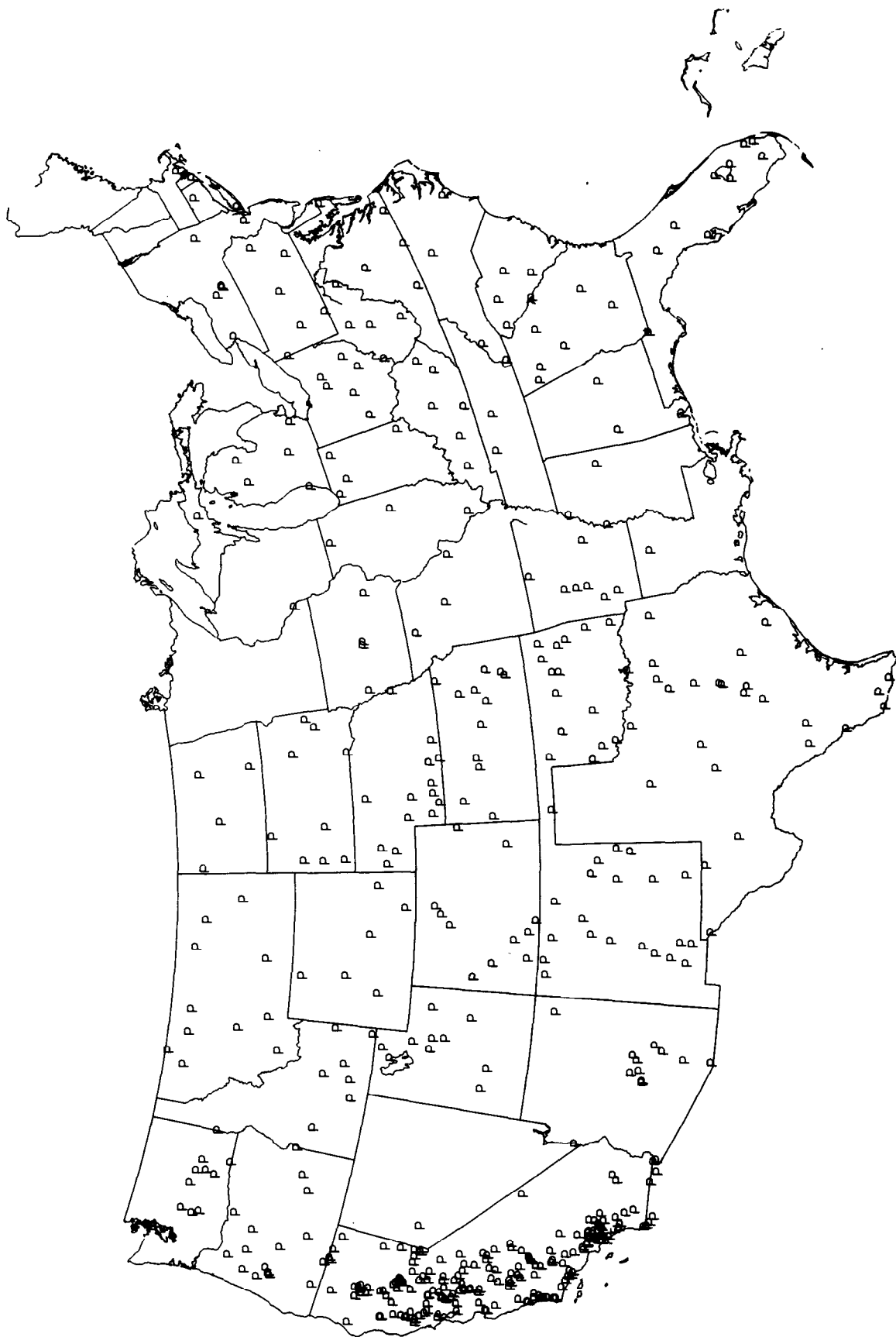


Figure 1. Distribution of Class A pan stations reporting observed evaporation only (water temperature not measured or measured for an insufficiently long period of record).

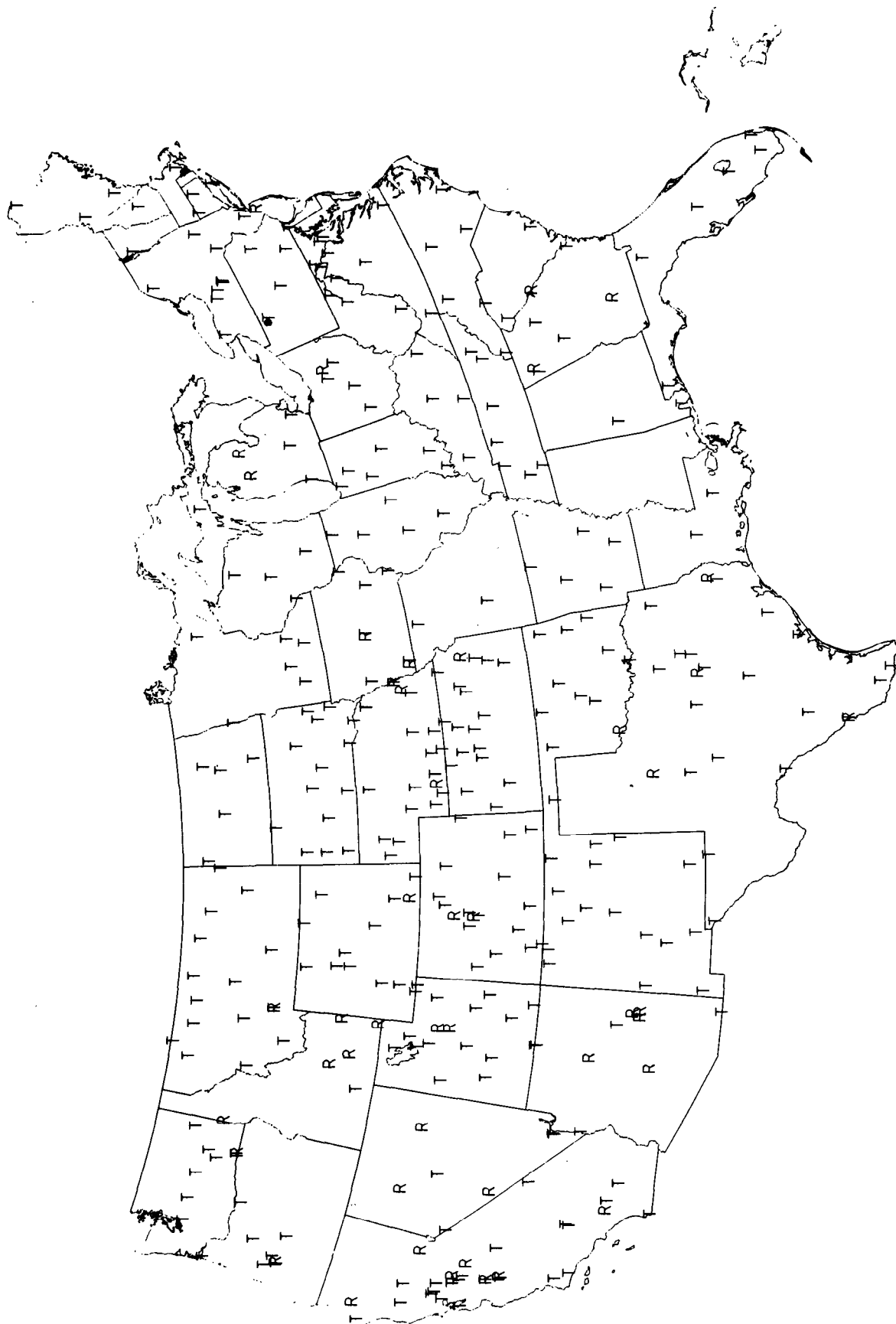


Figure 2. Distribution of Class A pan stations reporting observed evaporation and maximum and minimum water temperatures. Stations identified by an R were not equipped with sensors to record additional data until the latter part of the 1956-70 time base.

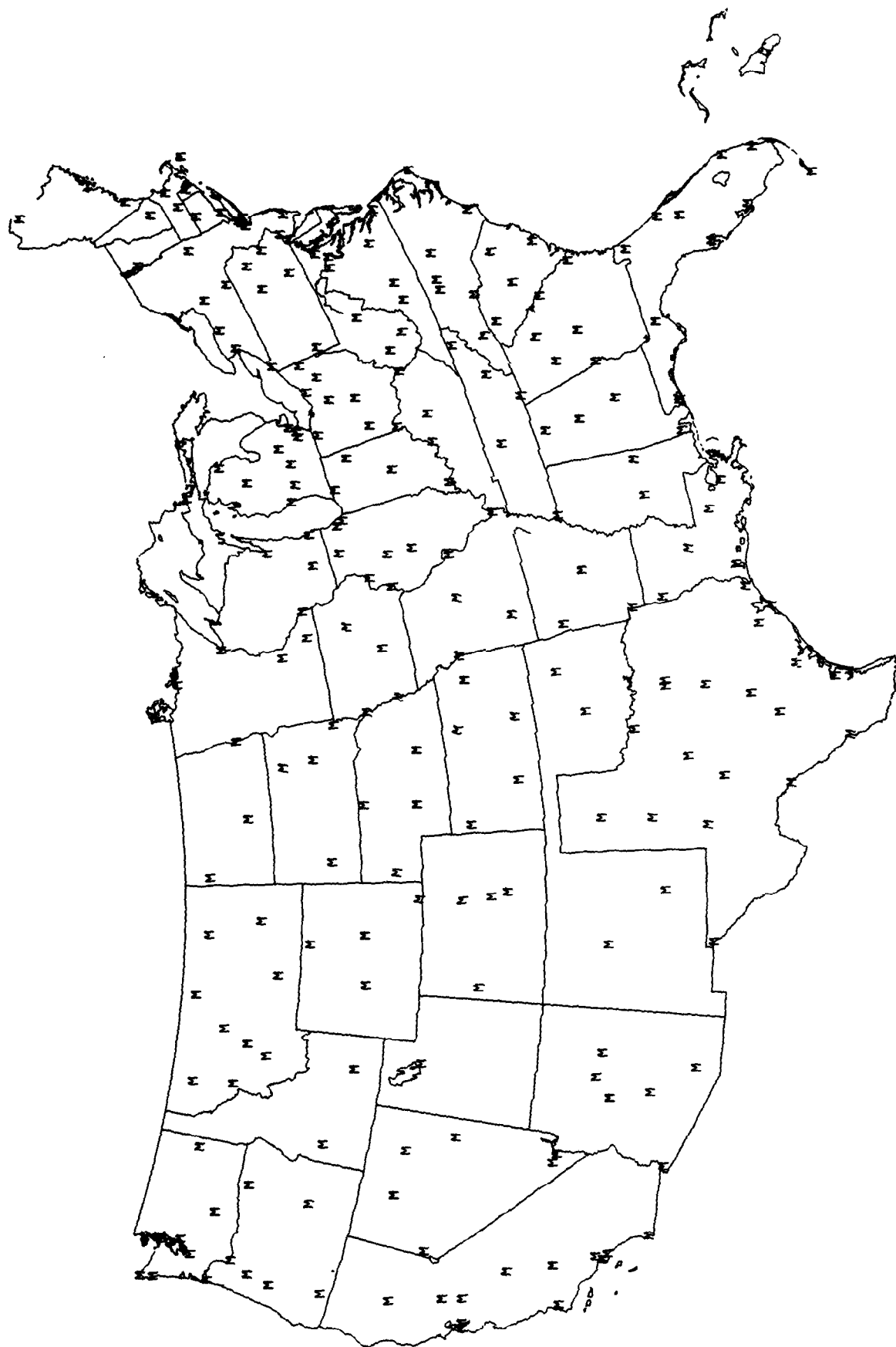


Figure 3. Distribution of weather stations measuring a form of air temperature, humidity, wind movement, and radiation, where evaporation can be estimated by the Penman equation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct	Nov-Apr	Other Season	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
			***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
ALABAMA																				
1	2245	Demopolis Lock and Dam 32° 31', 87° 50'	2.39 14 ***	3.02 15 16	4.54 20 14	5.58 23 9	6.50 23 7	7.06 22 8	7.01 22 10	6.67 24 13	5.16 24 16	4.10 24 11	2.73 23 13	2.21 15 19	36.50	20.47	-	56.97	8/56	11/79
1	2813	Fairhope 30° 32', 87° 55'	1.97 41 18	2.45 42 8	3.88 43 9	5.03 44 9	6.28 44 9	6.46 43 9	6.05 44 9	5.60 45 9	4.56 45 11	3.79 44 11	2.36 44 13	1.74 43 18	32.74	17.43	-	50.17	8/34	12/79
1	5140	Martin Dam 32° 40', 85° 55'	1.90 21 14	2.43 27 14	4.06 28 13	5.04 28 7	6.21 27 11	6.38 29 9	6.28 28 9	6.21 27 10	4.96 28 8	4.01 27 2	2.53 26 10	2.09 25 17	34.05	18.05	-	52.10	2/51	8/79
ALASKA																				
50	1466	Central 2 65° 34', 144° 49'						4.28 15 ****	4.19 17 ****	2.70 15 ****	2.25 10 ****				-	-	13.42	-	7/63	8/78
50	4100	Juneau WSO AP 58° 22', 134° 35'					3 9 ****	3.62 11 ****	4 9 ****	3.34 10 ****					-	-	16	-	5/69	8/78
50	5733	Matanuska Agr Exp Station 61° 34', 149° 16'					4.62 26 ****	4.38 46 ****	4.16 47 ****	3.16 48 ****	1.95 46 ****	1.61 15 ****			-	-	18.27	-	8/29	8/78
50	5769	McGrath WSO AP 62° 58', 155° 37'						4.68 10 ****	4.26 10 ****	2.81 10 ****					-	-	11.75	-	5/69	8/78
50	6870	Palmer IAS 61° 36', 149° 07'					5.05 10 ****	4.77 11 ****	4.66 10 ****	3 9 ****	2 9 ****				-	-	19	-	4/69	9/78
50	9641	University Exp Sta (College) 64° 51', 147° 52'						4.84 19 ****	4.88 18 ****	3.04 19 ****	1.41 13 ****				-	-	14.17	-	5/29	8/78
ARIZONA																				
2	0632	Bartlett Dam 33° 49', 111° 38'	4.19 38 28	4.96 39 20	7.47 39 21	10.53 39 9	14.44 39 8	16.81 40 5	16.59 40 8	14.50 40 13	12.57 40 12	9.76 40 11	6.09 40 16	4.66 39 20	84.67	37.90	-	122.57	6/40	12/79
															5	9			5	

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Inadequate data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
ARIZONA (continued)																			
2	2439	7.28 21 22	7.57 18 22	10.29 20 9	13.19 21 10	16.86 22 6	19.72 22 6	20.22 21 8	18.22 20 6	14.87 21 8	11.86 21 12	8.75 20 22	7.87 20 19	101.75 4	54.95 7	-	156.70 4	1/56	6/77
2	2440	5 9 ****	6 9 ****	9 9 ****	11 9 ****	14 10 ****	16.68 10 ****	14.43 10 ****	14.62 10 ****	11.80 10 ****	8.93 10 ****	7.45 10 ****	5.73 10 ****	80 ****	44 ****	-	124 ****	7/48	6/61
2	2659				13 7 ****	10.49 13 ****	9.06 12 ****	7.31 14 ****	5.80 12 ****	6 14 ****				-	-	52	-	6/65	10/76
2	3160						6.87 11 ****	6.47 13 ****	4.82 13 ****	3.76 11 ****				-	-	21.92	-	7/62	9/70
2	3926					8 8 ****	8.64 11 ****	6.72 11 ****	5.65 12 ****	4.82 12 ****				-	-	-	38 ****	5/68	9/79
2	5204	3 6 ****	5.99 10 ****	9.54 11 ****	12.65 12 ****	15.42 14 ****	13.64 17 ****	11.19 19 ****	8.73 18 ****	5.63 17 ****	2.96 16 ****			67.31 8	-	-	-	8/51	3/73
2	5412					8 9 ****	8.36 10 ****	7 9 ****	6 9 ****	5.01 10 ****	4 9 ****			-	-	-	38 ****	5/68	6/78
2	5467	2.89 62 20	3.71 63 21	5.88 63 17	8.08 63 14	10.78 61 9	12.16 61 7	12.13 62 6	10.58 63 11	8.48 62 12	6.01 62 11	3.75 64 24	2.74 63 19	60.14 4	27.05 13	-	87.19 6	11/16	12/79
2	5924	3.78 20 15	4.70 24 16	7.39 24 20	9.62 27 11	11.91 27 8	14.03 26 8	10.68 26 9	8.42 25 14	8.27 27 18	7.14 28 14	4.67 27 12	3.78 22 20	60.45 7	33.94 13	-	94.39 7	10/52	12/79
2	6180				6 7 ****	8.90 19 ****	11.60 20 ****	14.00 21 ****	12.11 22 ****	8.84 21 13	5.54 21 10	2.40 16 ****		66.08 13	-	-	-	2/64	10/79
2	7281	2.09 65 16	3.05 68 16	5.43 67 18	8.01 68 12	11.37 68 9	13.57 68 7	13.52 68 9	11.26 68 11	9.07 68 13	5.87 68 11	3.08 66 8	1.97 67 14	64.66 6	23.63 8	-	88.29 6	1/16	12/79

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

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ARIZONA (continued)																			
2	7480	2.31 30 16	3.49 31 15	5.87 31 15	8.72 31 9	11.75 31 5	14.12 31 6	13.46 32 5	11.59 31 11	9.65 31 16	6.63 31 10	3.63 32 12	2.34 31 14	67.20 4	26.36 6	-	93.56 4	7/48	12/79
2	7876	2.30 33 26	2.80 33 18	4.54 35 21	6.75 35 11	9.22 35 7	10.95 36 6	10.41 36 6	8.83 36 14	7.92 34 14	5.97 32 12	3.50 35 25	2.39 31 27	53.30 4	22.28 12	-	75.58 31	2/36	2/73
2	8018					11 7	15 8	11 8	8.14 10	7.88 10				-	-	53	-	8/67	6/78
2	8214	3.56 14 ****	4.67 15 ****	6.95 15 ****	10.06 17 ****	12.99 17 ****	14.29 16 ****	14.49 16 ****	13.15 15 ****	10.76 15 ****	8.15 15 ****	4.57 16 ****	3.17 14 ****	73.83 ****	32.98 ****	-	106.81 ****	3/61	5/78
2	8499	1.60 25 17	2.92 25 14	4.95 25 16	7.23 25 12	9.64 25 10	11.01 25 9	11.22 24 6	9.83 24 12	7.78 25 11	5.18 25 9	2.54 25 17	1.48 25 21	54.66 7	20.72 10	-	75.38 7	9/53	6/78
2	8815	2.92 51 19	3.92 51 16	6.58 51 13	9.18 51 7	12.17 51 12	13.84 51 11	12.55 51 8	10.56 51 10	9.33 51 13	6.89 51 16	4.10 51 17	2.43 51 15	65.34 9	29.13 9	-	94.47 8	1/29	12/79
2	9114			7 9	9.65 13 ****	13.75 16 ****	15.86 16 ****	16.50 16 ****	15.42 17 ****	11.20 18 ****	8.23 17 ****	4.53 12 ****		80.96 ****	-	-	-	1/62	10/79
2	9334	3.30 19 ****	4.64 19 ****	7.15 19 ****	9.83 19 ****	10.50 19 ****	11.14 19 ****	9.72 19 ****	8.12 19 ****	7.32 19 ****	5.96 19 ****	4.58 19 ****	3.27 19 ****	52.76 ****	32.77 ****	-	85.53 ****	1/17	12/35
2	9271			6 6	8.12 12 ****	10.04 12 ****	11.64 12 ****	9.58 12 ****	8.65 12 ****	7.74 12 ****	5.85 12 ****	3.56 12 ****	2.37 12 ****	53.50 ****	-	-	-	11/67	10/79
2	9652	3.66 50 19	4.62 50 16	7.36 50 11	9.74 50 8	12.55 50 7	13.96 50 5	14.94 50 5	13.24 50 7	10.34 50 8	7.43 51 13	4.78 51 15	3.52 51 12	72.46 5	33.68 8	-	106.14 5	10/20	12/79
2	9892	3.19 13 ****	4.02 13 ****	6.02 13 ****	7.64 13 ****	8.82 13 ****	9.72 13 ****	10.28 13 ****	9.69 13 ****	7.60 13 ****	5.39 13 ****	3.50 13 ****	2.68 13 ****	51.50 ****	27.05 ****	-	78.55 ****	1/17	11/29

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

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State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
ARIZONA (continued)																			
2	9657	3.49 20 ****	4.34 20 ****	6.77 20 ****	8.66 20 ****	10.38 20 ****	11.08 20 ****	11.72 20 ****	10.74 19 ****	8.47 19 ****	6.12 19 ****	3.99 19 ****	3.14 20 ****	58.51 ****	30.39 ****	-	88.90 ****	1/17	6/40
3	0764	1 5 ****	2 7 ****	3.18 19 ****	4.37 15 ****	5.53 24 10	5.99 24 10	6.63 24 9	5.98 24 8	4.22 15 8	3.28 24 14	2.09 21 21	1 8 ****	31.63 7	-	-	-	1/56	11/79
3	0798	3.48 13 ****	4.52 13 ****	6.11 35 ****	6.62 13 ****	7.10 13 ****	6.38 13 ****	4.34 13 ****	6.38 13 ****	4.34 13 ****	3.06 13 ****	1.77 11 ****	1 6 ****	33.00 ****	-	-	-	1/67	11/79
3	3428	2.19 22 ****	2.54 26 ****	4.24 32 14	5.07 35 14	6.11 8	6.77 36 9	7.41 36 9	6.88 34 16	5.14 36 21	4.17 35 21	2.42 32 13	1.80 29 24	36.48 10	18.26 ****	-	54.74 ****	2/37	11/79
3	5038	5.38 25 11	6.15 27 11	6.83 27 10	7.42 27 10	6.81 27 10	5.05 27 10	3.59 16 15	2.35 16 15	5.29 19 19	3.99 19 17	2.29 17 15	1.60 13 ****	34.89 6	17 ****	-	52 ****	11/50	7/70
3	5200	2 8 ****	2.91 12 ****	4.44 17 24	5.21 23 24	6.24 23 24	6.51 23 24	6.01 23 30	4.63 30 34	3.28 34 35	2.06 19 ****	31.88 22	-	-	-	-	-	10/43	9/66
3	6352	1.63 21 ****	2.15 26 ****	3.75 36 17	5.04 39 15	6.00 37 19	6.70 38 14	7.38 37 11	6.80 38 14	5.16 38 18	3.73 25 25	2.03 35 13	1.27 28 16	35.77 12	15.87 ****	-	51.64 ****	1/37	8/79
3	6920	1.30 26 31	2.02 36 19	3.79 48 20	5.18 49 16	6.17 50 16	7.39 51 14	7.47 51 16	6.88 51 22	5.09 22 22	3.87 51 25	2.39 49 22	1.44 35 ****	36.87 15	16.12 ****	-	52.99 ****	6/29	10/79
CALIFORNIA																			
4	0053	0.97 19 35	1.46 19 22	2.69 19 16	4.03 19 18	5.31 12 12	6.47 19 12	6.95 19 11	6.40 19 10	4.70 17 16	3.09 15 15	1.45 18 16	0.90 22 22	32.92 9	11.50 8	-	44.42 8	1/60	12/78

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CALIFORNIA (continued)																			
4	0161	1 5 ****	1 7 ****	3 7 ****	5 8 ****	6 10 ****	7.01 10 16	8.39 10 7	8.03 10 10	5.59 10 8	3.50 8 ****	1 7 ****	1 6 ****	39 ****	12 ****	-	51 ****	6/57	10/67
4	None	1.42 17 ****	2.22 17 ****	3.77 17 ****	4.98 18 ****	6.76 18 ****	7.40 18 ****	7.76 18 ****	6.76 19 ****	5.37 19 ****	3.75 19 ****	2.07 19 ****	1.42 19 ****	37.78 ****	15.88 ****	-	53.66 ****	8/24	4/42
4	0176	4.98 11 16	7.60 10 24	11.59 11 16	14.73 10 17	18 9 ****	22.02 10 10	22.76 10 9	19 9 ****	15 9 ****	11 8 ****	7 9 ****	5 8 ****	108 ****	50 ****	-	159 ****	1/67	11/77
4	0232	1.25 30 23	2.06 28 28	4.20 30 19	6.31 30 19	8.99 30 13	10.76 29 10	11.64 29 11	10.11 27 6	7.78 29 9	5.02 30 14	2.05 30 20	1.48 30 58	54.30 7	17.35 14	-	71.65 8	1/49	12/78
4	0325	1.65 10 23	2.99 10 14	4.96 11 31	6.85 10 19	10.98 10 17	12.52 10 13	14.06 11 8	12.95 11 5	9.69 11 16	5.98 12 12	3.03 20 20	1.81 11 29	66.18 8	21.29 9	-	87.47 4	3/67	12/77
4	0360	1.57 11 38	2.09 12 24	3.39 11 40	5.16 10 21	6.57 10 22	7.83 10 5	9.29 10 12	8.19 10 10	5.91 10 13	3.74 10 28	2 9 ****	1.54 10 46	41.53 ****	16 ****	-	58 ****	1/64	2/79
4	0398	2 9 ****	3.15 10 22	6.00 11 21	9.10 11 13	13.07 11 9	16.54 11 18	18.96 11 11	16 8 ****	12.24 11 10	8.10 11 12	3.93 11 13	2.31 11 26	85 ****	26 ****	-	111 ****	9/50	7/61
4	0418	2.87 25 23	3.74 25 16	6.57 25 20	10.04 26 21	13.15 26 10	16.61 27 12	18.27 24 9	17.09 23 11	12.52 24 7	7.95 26 13	4.33 26 17	2.99 24 28	85.59 7	30.54 11	-	116.13 6	6/36	6/62
4	0455	2.05 21 20	2.60 21 17	3.78 21 15	4.80 21 14	6.38 21 15	6.93 21 12	8.66 22 8	7.99 22 8	6.34 22 9	4.61 22 11	3.11 22 18	2.20 22 16	40.91 7	18.54 10	-	59.45 6	7/32	12/53
4	0541	3.98 13 15	4.76 13 21	7.06 13 13	8.94 13 9	11.85 13 8	12.44 13 7	12.60 13 7	10.83 13 16	8.94 12 11	6.22 13 23	4.80 13 32	3.31 13 29	62.88 5	32.84 10	-	95.72 5	1/64	12/76
4	0607	3 8 ****	3.43 13 27	4.41 14 17	5.31 14 26	6.61 18 9	8.39 20 17	10.67 20 11	10.08 21 14	8.11 21 15	5.79 19 19	3.54 21 21	3.11 13 22	49.65 8	23 ****	-	73 ****	1/55	9/75

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CALIFORNIA (continued)																			
4	1558	2.28 18 24	2.99 18 23	4.41 18 15	5.47 18 15	6.10 18 15	6.61 18 15	8.27 18 10	8.03 18 8	6.14 19 15	5.04 18 17	2.99 18 17	2.17 18 17	40.19 9	20.31	-	60.50	9/59	9/77
4	1562	4.02 10 19	4 8 ***	6 9 ***	6.38 10 23	8.07 10 19	8.78 11 14	10.28 11 13	10.00 11 11	8.11 11 14	6.54 11 16	4.92 11 22	3.90 11 15	51.78 9	29	-	81	6/68	12/78
4	1588	1.26 13 30	1.89 13 22	3.39 13 19	5.28 13 28	8.82 13 16	11.22 13 12	13.43 13 6	11.97 13 7	8.78 13 11	5.31 13 10	2.09 13 17	1.10 13 33	59.53 6	15.01	-	74.54	12/65	11/78
4	1614						9.17 11 20	13.27 11 7	11.46 10 16	8.62 10 9	5			-	-	48	-	6/60	7/70
4	1715	1.33 21 37	1.99 23 22	3.77 26 18	5.66 26 21	8.31 28 16	10.07 28 15	11.30 28 8	9.65 28 10	7.37 28 11	4.50 26 16	1.94 24 36	1.31 18 72	51.20 9	15.99	-	67.19	5/51	10/79
4	1758	2.85 61 15	3.35 61 12	5.00 61 9	5.99 61 10	6.85 61 9	6.97 61 8	7.60 61 5	7.32 61 6	6.11 62 8	4.89 62 10	3.62 62 11	2.42 62 13	39.74 5	23.62	-	63.36	9/18	12/79
4	2013	0.87 17 45	1.77 17 35	4.25 19 22	6.57 19 26	10.63 20 12	12.64 20 10	13.74 20 10	12.28 20 12	8.23 20 26	5.28 17 19	1.97 16 41	0.75 15 51	62.80 10	62.80	-	80.60	1/59	10/78
4	2105	1.42 19 36	1.89 19 16	3.31 19 13	5.12 17 23	7.48 17 13	9.88 18 9	11.77 18 8	10.59 18 10	7.87 18 10	4.61 18 14	1.89 18 20	1.14 18 22	52.20 4	14.77	-	66.97	1/60	3/79
4	2122	1.57 20 35	1.81 20 35	2.87 21 27	4.13 22 36	6.57 22 25	8.78 22 16	11.46 22 10	10.94 22 10	8.35 21 12	5.16 21 17	2.60 21 44	1.54 21 47	51.26 9	14.52	-	65.78	4/57	8/78
4	2239			3 5 ***	4.92 12 20	7.09 14 18	9.57 15 10	10.28 15 14	9.69 15 12	7.56 16 14	5.28 16 14	3.54 10 13	2 6 ***	49.47 7	-	-	-	4/46	4/79
4	2294	1.34 49 33	2.12 53 31	4.12 53 23	6.34 53 25	9.07 53 19	10.83 53 14	11.73 53 10	10.38 53 10	8.35 53 13	5.51 54 18	2.55 54 30	1.32 49 36	55.87 11	17.79	-	73.66	5/26	12/79

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			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
CALIFORNIA (continued)																				
4	2294	Davis Hydromet (Irrigated) 38° 32', 121° 46'	1.53 18 23	2.36 17 23	4.49 17 20	6.69 18 22	8.98 18 15	10.24 18 14	10.55 19 7	9.25 19 7	7.59 19 9	5.47 19 15	2.56 19 23	1.57 19 37	52.08 7	19.16 13	-	71.24 8	7/59	12/78
4	2319	Death Valley 36° 28', 116° 52'	4.50 17 21	6.19 17 24	10.45 18 15	14.31 18 10	19.05 19 9	21.47 19 7	23.99 19 7	21.32 19 7	16.08 19 9	11.27 19 9	6.23 19 21	4.27 19 20	113.18 6	45.96 9	-	159.14 6	5/61	12/79
4	2346	Delano Gov Camp 35° 49', 119° 11'	1.38 22 45	2.13 25 26	4.49 25 21	7.05 25 20	10.39 25 12	12.32 26 10	12.80 23 9	10.75 24 9	8.07 22 12	5.35 25 18	2.48 24 34	1.42 25 54	59.68 7	18.95 18	-	78.63 9	10/52	11/78
4	2473	Don Pedro Reservoir 37° 43', 120° 24'	1.30 26 25	2.17 26 18	4.06 26 20	6.06 26 25	9.65 26 18	12.28 28 14	14.72 28 8	12.95 28 8	9.72 28 9	6.06 27 17	2.36 27 22	1.30 27 45	65.38 8	17.25 16	-	82.63 9	6/50	8/78
4	2580	Buttens Landing 38° 12', 122° 18'	1.50 24 26	2.13 24 21	3.85 24 19	5.83 23 22	8.03 23 13	9.41 23 12	9.49 23 9	8.58 23 12	6.93 23 12	4.72 23 18	2.32 24 27	1.50 24 40	47.16 8	17.13 15	-	64.29 10	11/55	3/79
4	2605	Eagle Rock Res 34° 09', 118° 11'	3.62 22 26	3.66 22 32	4.96 22 19	5.59 22 16	5.91 22 13	6.57 22 17	8.54 23 9	8.19 23 10	6.77 23 14	5.43 22 17	4.17 22 16	3.50 22 17	41.41 7	25.50 7	-	66.91 4	7/56	9/78
4	2821	El Toro - Moulton Ranch 33° 36', 117° 42'	1.97 12 29	2.17 11 30	3.90 11 38	4.88 11 24	5.83 11 16	7.20 10 17	8.66 10 14	7.60 10 18	5.55 10 29	4.29 12 39	2.76 12 44	1.73 12 36	39.13 15	17.49 26	-	56.62 18	10/65	5/77
4	2830	Encino Reservoir 34° 09', 118° 31'	2.91 28 32	3.23 28 24	4.72 28 23	5.98 28 14	7.36 28 14	8.03 28 10	10.55 29 7	10.00 29 7	8.58 28 13	6.30 28 12	4.72 28 24	3.23 28 26	50.82 5	24.79 12	-	75.61 5	7/32	8/60
4	2964	Fall River Mills Intake 41° 01', 121° 28'	1 6 ***	1.42 12 38	3.03 24 23	5.04 28 19	7.40 29 16	9.06 29 17	12.20 29 9	10.75 30 8	7.13 30 13	3.86 29 17	1.30 29 29	1 8 ***	50.40 8	13 ***	-	63 ***	8/25	9/54
4	3030	Ferndale 2 NW 40° 36', 124° 17'	0.71 11 22	1.18 10 25	2.28 11 12	3.23 11 15	3.94 11 10	4.37 11 14	4.57 11 10	4.09 11 9	3.58 11 7	2.05 10 10	1.02 10 20	0.75 10 23	22.60 4	9.17 ***	-	31.77 ***	1/63	9/73
4	3056	Finley 1 SSE 38° 59', 122° 52'	0.94 16 20	1.57 16 29	2.95 16 17	4.65 16 22	7.09 15 14	8.11 15 12	9.33 15 7	8.15 15 11	5.83 15 8	3.43 16 19	1.38 16 23	0.83 16 29	41.94 7	12.32 11	-	54.26 6	10/63	4/79

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CALIFORNIA (continued)																				
4	3087	Fleming Fish and Game 40° 21', 120° 18'			5.28	7.40	8.15	9.96	8.94	6.46	3.62				44.53	-	-	-	6/61	4/79
					16	17	18	18	18	18	18				6					
					18	12	11	7	13	11	11									
4	3093	Florence Lake 37° 16', 118° 58'	1.26	1.42	2.44	3.94	5.87	7.76	8.66	8.19	6.14	4.13	2.36	1.54	40.75	12.96	-	53.71	10/46	9/59
			13	13	13	13	13	13	13	13	13	13	13	13	5	13		6		
			45	31	25	14	10	10	8	7	9	20	21	32						
4	3113	Folsom Dam 38° 42', 121° 10'	0.90	1.62	3.46	5.38	8.09	10.13	11.46	10.18	7.66	4.96	2.03	0.94	52.48	14.33	-	66.81	1/56	12/79
			24	24	24	24	24	24	24	24	24	24	24	24	7	11		6		
			20	29	17	22	14	12	7	11	8	19	23	29						
4	3257	Fresno State University 36° 49', 119° 44'	1.14	2.05	3.94	5.90	8.58	10.31	10.94	9.17	6.69	4.21	2.05	1.02	49.90	16.10	-	66.00	9/68	12/78
			10	10	10	10	10	10	10	10	11	11	11	11	5	16		5		
			27	26	26	15	13	11	7	6	5	10	20	26						
4	3261	Friant Gov Camp CP 36° 59', 119° 43'	1.38	2.08	3.95	6.15	10.09	13.28	15.55	13.57	9.68	6.03	2.80	1.33	68.20	17.69	-	85.89	5/39	10/79
			39	39	40	40	41	40	41	41	41	41	40	40	15	16		11		
			28	21	18	22	15	14	11	11	10	16	27	37						
4	3289	Fullerton AP 33° 52', 117° 24'	2.76	3.07	4.41	5.39	6.57	7.24	8.74	7.99	6.46	4.96	3.58	2.68	41.96	21.89	-	63.89	1/35	5/77
			42	42	42	42	42	41	41	41	41	41	41	41	7	12		7		
			34	26	18	15	14	13	9	9	14	16	27	25						
4	3401	Gibraltar Dam 34° 31', 119° 42'	1.42	2.09	3.74	5.08	6.73	7.80	9.69	9.13	7.56	5.08	2.80	1.38	45.99	16.51	-	62.50	10/31	9/54
			23	23	23	23	23	23	23	23	23	21	21	21	5	12		6		
			25	24	20	15	11	9	7	6	6	8	15	20						
4	3855	Hayfield Pump Plant 33° 42', 115° 28'	5.00	5.91	9.45	12.95	17.09	18.82	19.84	17.17	14.88	11.02	7.36	4.84	98.82	45.51	-	144.33	5/34	12/45
			11	11	11	11	12	12	12	12	12	12	12	12	5	9		6		
			24	18	12	9	7	5	6	9	8	6	15	11						
4	3914	Henshaw Res 33° 14', 116° 46'	1.81	2.64	3.98	5.31	7.20	9.06	11.22	9.96	7.24	4.72	2.76	1.97	49.40	18.47	-	67.87	7/59	4/79
			18	18	19	18	16	16	18	18	17	18	17	16	7	13		6		
			25	21	25	18	12	11	9	9	15	25	25	33						
4	3939	Hetch Hetchy 37° 57', 119° 47'	5.08	5.59	7.24	8.90	7.95	6.02	3.54	39.24	-	-	-	8/49	10/77					
			10	17	25	27	26	23	27	26	23	27	27	7						
			18	20	15	7	13	13	27											
4	3951	Highland Farm 35° 38', 120° 16'	3.19	3.19	4.61	7	11	14	17	15	11	7.95	4.60	3.58	76	26	-	102	10/69	3/79
			10	10	10	9	9	9	9	9	9	10	10	10	48	****		****		
			60	21	27	****	****	****	****	****	****	****	15	21						

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CALIFORNIA (continued)																			
4	4018	1.38 18 18 18 15	2.13 18 18 18 15	3.90 14 14 14 22	5.75 19 19 22 17	8.46 20 17 10 10	10.87 20 19 10 8	13.11 20 20 8 9	11.73 20 19 9 10	8.82 19 17 10 17	5.90 19 27 17 27	2.36 19 31 27 31	1.30 18 18 27 31	58.89 5 5 12 12	16.82	-	75.71 5 5	3/59	3/79
4	4173	1.97 10 11 33 25	2.44 11 11 25 20	3.74 11 11 20 15	4.72 11 11 15 11	6.65 11 11 11 15	7.20 11 11 15 11	7.76 11 11 11 6	7.17 11 11 6 6	6.26 12 12 13 13	4.53 12 12 19 19	3.19 11 11 27 27	2.01 12 12 18 18	39.57 10 10 10 10	18.07 ***	-	57.64 ***	9/34	12/45
4	4176	1.02 13 13 53 41	1.06 13 13 41 33	1.85 13 13 33 16	3.27 13 13 16 13	5.24 13 13 13 13	6.89 13 13 11 10	8.39 13 13 10 9	7.60 13 13 9 10	5.55 13 13 10 16	3.70 13 13 16 21	2.09 13 13 21 33	1.34 13 13 33 33	37.37 4 4 14 14	10.63	-	48.00 4	10/46	9/59
4	4259	2.83 20 20 18 13	4.43 20 20 13 10	7.26 21 21 10 10	9.91 21 21 10 10	12.82 21 21 6 6	14.76 21 21 10 10	14.81 21 21 9 9	13.46 21 21 11 11	10.66 21 21 11 12	7.55 21 21 12 13	4.00 21 21 13 13	2.55 21 21 19 19	74.06 8 8 9 9	30.98	-	105.04 7	3/59	12/79
4	4300	2.56 26 27 30 30	3.07 27 27 30 30	4.25 20 20 20 20	5.24 27 27 15 15	5.98 27 27 15 15	6.57 29 29 12 12	7.72 25 25 11 11	7.40 26 26 9 9	5.90 26 26 12 12	4.41 26 26 15 15	3.22 26 26 26 26	2.52 26 26 33 33	37.98 8 8 12 12	20.86	-	58.84 8	2/46	6/72
4	4303	2.05 24 24 29 27	2.68 23 23 27 27	4.57 25 25 19 14	6.61 29 29 20 20	9.76 29 29 15 12	12.60 29 29 12 12	14.57 29 29 12 12	13.15 29 29 11 11	9.65 29 29 13 13	6.22 29 29 16 16	3.27 28 28 19 19	1.97 25 25 23 23	65.95 9 9 13 13	21.15	-	87.10 10	7/49	6/78
4	4321	1.18 12 12 29 29	1.89 12 12 27 27	3.43 12 12 14 14	4.69 12 12 23 23	7.05 12 12 12 12	9.61 12 12 12 12	12.28 11 11 6 6	11.02 11 11 8 8	8.03 11 11 6 6	5.24 11 11 18 18	2.10 10 10 43 43	1.02 11 11 59 59	53.23 5 5 19 19	14.81	-	68.44 7	1/59	6/70
4	4422	1.02 48 48 77 71	1.57 48 48 71 71	2.64 47 47 32 32	3.67 47 47 26 26	4.84 48 48 23 23	6.06 47 47 22 22	7.05 48 48 19 19	6.38 48 48 23 23	5.04 48 48 28 28	3.07 48 48 35 35	1.65 48 48 84 84	0.83 70 70	32.44 19 19 26 26	11.33	-	43.77 18	2/31	1/79
4	4443	1.18 13 13 35 27	1.30 13 13 27 27	2.01 13 13 25 25	3.31 13 13 17 17	5.04 13 13 11 11	6.73 13 13 10 10	8.27 13 13 9 9	7.20 13 13 9 9	5.59 13 13 15 15	3.58 13 13 17 17	2.09 13 13 19 19	1.46 27 27	36.41 7 7 12 12	11.35	-	47.76 6	10/46	9/59
4	4534	1.85 29 29 24 25	2.99 28 28 25 25	5.83 17 17 17 17	8.50 13 13 17 17	12.09 29 29 11 11	14.33 29 29 12 12	16.57 27 27 11 11	14.69 27 27 11 11	10.87 28 28 11 11	7.48 29 29 13 13	3.58 29 29 22 22	1.85 31 31	76.41 9 9 10 10	24.60	-	102.13 9	10/49	11/78
4	4590	0.98 16 18 28 22	1.77 18 19 22 19	3.23 19 19 19 23	5.24 18 20 19 23	8.11 20 15 15 14	10.35 19 19 14 14	12.25 18 9 9 9	10.71 18 7 7 7	7.83 19 8 8 8	4.88 19 17 28 28	1.85 19 19 28 34	0.91 17 17	54.13 11 11 19 19	13.98	-	68.11 10	3/59	7/78

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CALIFORNIA (continued)																			
4	4673	5.00 10 32	4.41 10 30	5.51 11 22	6.61 11 22	7.28 14 21	8.19 11 9	9.72 11 9	9.13 11 13	7.36 11 18	7.36 11 22	6 9 ***	5.43 10 24	49.03 ***	33 ***	-	82 ***	3/67	9/77
4	4677	1.34 15 19	2.01 14 32	3.46 15 22	5.04 15 20	7.16 15 16	8.98 15 9	10.31 15 9	9.57 15 7	7.28 15 13	4.92 14 14	2.52 14 26	1.38 15 21	48.22 7	15.75 14	-	66.97 8	1/31	12/45
4	4689	3.11 40 39	3.23 40 31	4.49 40 21	5.55 40 22	7.32 40 15	8.54 40 17	10.59 39 14	10.12 39 11	7.95 40 14	5.91 40 18	3.98 39 29	3.07 39 35	50.43 9	23.43 18	-	73.86 11	1/39	10/78
4	4694	3.19 26 25	3.31 26 32	4.49 26 22	5.63 26 26	6.18 25 14	6.89 26 13	8.54 24 15	8.27 26 21	7.01 26 22	5.35 26 18	3.86 26 28	3.31 26 30	42.24 9	23.79 16	-	66.03 11	3/53	3/79
4	4701	1 9 ***	1 9 ***	2.17 10 28	3.90 11 30	5.87 11 16	6.85 12 12	8.46 12 8	7.72 12 14	5.55 12 12	2.56 10 14	0.67 10 41	1 9 ***	37.01 ***	10 ***	-	47 ***	6/48	9/70
4	4709	1.14 10 34	1.65 19 28	3.11 23 18	5.00 20 14	6.30 24 12	7.68 24 12	10.00 23 7	9.02 23 10	6.61 23 9	3.54 23 17	1.54 18 21	1.02 13 32	43.15 7	13.46 ***	-	56.61 ***	1/48	6/72
4	4710	3.23 13 17	3.74 13 16	4.84 12 13	6.18 14 14	7.36 12 11	8.70 14 14	10.55 11 6	10.00 11 6	7.68 10 17	6.26 12 12	4.37 10 14	3.27 11 14	50.55 4	25.63 9	-	76.18 3	4/66	4/79
4	4712	1.85 16 20	2.87 16 34	5.04 16 20	7.37 16 25	10.66 16 12	12.18 16 9	12.87 17 5	11.36 17 8	9.01 17 11	5.98 16 13	2.62 16 24	1.78 16 44	62.06 4	21.53 12	-	83.59 4	7/63	12/79
4	4714					7.36 12 14	9.29 25 14	11.81 28 18	10.71 28 22	8.23 28 26	5.91 19 32			53.31 9	-	-	-	6/49	6/78
4	4916	0.98 12 31	1.26 12 11	2.44 12 18	3.62 12 21	5.31 13 13	6.50 13 15	7.44 13 10	6.61 13 15	4.96 12 15	3.15 12 24	1.37 12 25	0.91 12 25	33.97 11	10.58 10	-	44.55 9	5/66	8/78
4	4922	1.02 19 33	1.46 19 30	2.48 19 28	3.58 19 24	4.96 19 19	6.50 19 19	7.36 19 16	6.65 19 19	5.04 18 20	3.03 17 29	1.65 18 40	0.94 17 40	33.54 16	11.13 19	-	44.67 16	1/60	8/78

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<u>CALIFORNIA (continued)</u>																			
4	4979	1.77 11 13 13	2.87 13 23	5.79 13 18	8.62 12 22	13.66 11 14	15.83 11 13	17.09 12 11	15.65 12 11	11.65 12 12	7.09 12 22	2.95 11 22	1.81 10 45	80.97 10	23.81 ****	-	104.78 ****	2/63	5/75
4	4996	1.61 17 32	2.32 17 28	4.21 16 22	5.98 16 27	8.62 16 18	10.04 16 15	11.77 17 10	10.55 17 12	8.03 17 13	5.51 16 18	2.56 17 26	1.57 17 37	54.52 10	18.25 15	-	72.77 9	7/62	2/79
4	5032	1.10 47 27	1.93 49 24	3.85 49 17	6.01 49 19	8.82 47 11	10.49 47 8	11.32 48 8	9.71 49 10	7.29 49 9	4.41 48 13	1.96 49 22	1.06 46 33	52.04 6	15.91 12	-	67.95 6	1/31	12/79
4	5107	4.69 16 15	5.36 16 22	7.76 16 13	10.67 16 10	13.39 16 6	14.33 16 9	14.13 16 7	12.72 16 9	10.43 16 11	8.11 16 12	5.31 16 14	4.33 16 18	73.11 6	38.12 7	-	111.23 6	1/61	12/76
4	5117	1.34 28 42	2.28 28 29	4.72 28 24	7.44 28 26	11.42 28 15	13.82 28 13	14.96 29 14	12.87 30 14	9.41 28 13	5.87 29 13	2.40 28 24	1.26 28 30	68.35 12	19.44 16	-	87.79 11	8/49	8/78
4	5120	1.74 11 28	2.69 11 20	5.75 11 28	9.50 11 18	14.80 11 12	17.16 11 7	18.54 12 7	15.83 12 12	12.17 12 9	7.26 12 11	3.17 12 21	1.94 12 21	85.76 3	24.79 14	-	110.55 4	7/68	12/79
4	5151	1.61 11 29	3.07 11 37	5.91 10 26	9.02 10 18	13.46 10 14	16 9 ****	18.46 11 12	15.59 11 13	11.65 11 13	7.72 11 12	3.54 11 18	1.81 11 42	83 ****	24.96 ****	-	108 ****	7/49	11/78
4	5233	1.30 16 22	2.01 15 22	4.17 16 16	7.09 16 21	11.46 16 14	13.07 16 11	14.80 16 13	12.48 17 17	9.49 15 14	5.35 15 16	2.24 14 16	1.22 15 17	66.65 11	18.03 11	-	84.68 11	8/49	8/78
4	5296	1.14 10 29	2.40 10 28	4.69 10 20	6.77 10 19	8.78 11 13	10.63 10 13	11.38 10 10	9.92 10 8	7.52 10 12	5.20 10 16	2.52 10 21	1.18 10 40	53.43 8	18.70 ****	-	72.13 ****	5/55	5/65
4	5303	1.22 14 17	1.73 14 20	3.98 13 20	6.30 13 18	9.25 14 11	10.28 14 13	11.57 14 5	10.24 14 10	7.56 14 19	4.17 14 14	1.85 14 21	1.18 14 28	53.07 4	16.26 15	-	69.33 5	5/65	2/79
4	5532	1 9 ****	2.01 10 15	4.06 10 7	5.83 10 19	8.78 10 10	10.67 10 10	12.01 10 8	9 9 ****	7 9 ****	5 9 ****	2 9 ****	1 9 ****	53 ****	16 ****	-	69 ****	2/59	7/68

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CALIFORNIA (continued)																				
4	5570	Mexicali Hydro Res, Baja Cal 32° 40', 115° 48'	2.72 16 12	3.66 16 13	6.10 16 8	8.11 16 8	10.71 16 4	12.09 16 5	12.13 16 5	10.59 16 10	8.15 16 7	6.18 15 11	3.39 16 11	2.48 16 18	59.85 4	26.46 6	-	86.31 4	1/61	12/76
4	5736	Mockingbird Res 33° 54', 117° 25'	3.31 37 69	3.07 37 64	3.35 36 71	3.94 36 74	4.65 37 63	5.31 37 59	7.01 38 54	6.65 38 50	5.71 38 50	4.92 38 52	3.90 38 53	3.22 38 55	34.25 52	20.79 58	-	55.04 53	7/41	2/79
4	5756	Mojave 35° 03', 118° 10'			7 7 ****	8 ****	10 10 ****	13 13 12	17.60 13 8	15.79 12 12	11.85 13 11	7.99 14 13	5 8 ****		83.00 5	-	-	-	9/64	4/78
4	5818	Monticello Dam 38° 30', 122° 07'	1.14 13 27	1.85 12 34	3.27 12 19	4.96 12 27	7.36 12 9	9.41 12 13	11.30 12 7	10.16 12 6	7.68 12 6	4.88 12 13	2.01 12 25	1.10 12 28	50.79 5	14.33 15	-	65.12 7	12/58	1/70
4	5871	Morris Dam FC 3908 34° 11', 117° 53'	2.24 19 30	2.28 19 26	3.78 18 30	4.72 19 18	6.06 18 17	7.05 19 16	9.33 19 10	8.78 19 8	7.24 19 8	5.08 19 17	3.70 19 32	2.20 18 19	43.54 10	18.92 17	-	62.46 12	10/30	9/49
4	6056	Nacimiento Dam 35° 46', 120° 53'	1.65 21 28	2.32 20 30	3.94 22 22	5.63 21 20	7.95 22 11	9.96 22 11	11.46 22 9	10.59 22 6	7.83 21 9	5.28 22 14	2.72 22 23	1.73 20 31	53.07 5	17.99 12	-	71.06 6	5/57	3/79
4	6178	Newville l E 39° 48', 122° 30'	1.73 11 31	2.56 11 40	4.17 12 21	6.42 12 27	9.49 12 16	12.40 12 10	14.61 12 6	12.76 12 9	10.43 12 9	6.81 12 21	3.15 11 35	1.85 11 44	66.50 6	19.88 15	-	84.90 8	3/59	10/70
4	6305	Oakdale-Woodward Dam 37° 51', 120° 53'	1.14 42 32	1.77 44 22	3.39 41 15	5.31 45 20	9.29 42 13	12.28 43 11	14.69 42 8	12.72 43 8	8.94 42 11	5.35 42 17	2.40 43 29	1.14 38 31	63.27 7	15.15 12	-	78.42 8	10/18	12/67
4	6527	Oroville Dam 39° 32', 121° 29'	1.22 21 29	1.97 21 26	3.54 20 19	5.31 19 28	8.03 19 17	10.24 20 10	12.32 20 5	11.02 20 10	8.43 19 11	5.28 20 16	2.24 20 30	1.18 20 48	55.32 6	15.46 17	-	70.78 7	1/59	3/79
4	6818	Perris Res Evap 33° 50', 117° 12'	3.86 14 41	3.94 14 27	5.35 14 22	6.38 14 25	8.58 14 12	10.47 14 19	12.87 12 8	12.36 11 6	9.29 12 19	6.81 12 20	4.29 14 20	3.15 14 22	60.38 5	26.97 16	-	87.35 ****	12/63	1/79
4	6868	Pilot Rock Evap 34° 16', 117° 17'	2.13 12 47	3.15 16 30	4.84 16 25	5.63 17 29	7.60 18 29	9.48 19 13	10.98 19 14	10.04 18 16	8.19 17 15	5.98 19 19	3.46 19 32	2.21 12 37	51.95 9	21.42 ****	-	73.37 ****	6/60	4/79

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		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				May- Oct ***	Nov- Apr ***	Other Season ***
4	6896	1.06	1.69	3.27	5.04	7.91	10.16	12.05	10.87	8.19	5.00	2.05	1.06	54.18	14.17	-	68.35	7/49	6/78
		29	29	29	29	29	29	29	30	29	28	28	28	8	16		9		
		26	19	21	24	16	12	9	9	9	15	24	38						
4	6962	1.42	1.69	2.83	4.21	6.02	7.83	9.72	8.82	6.89	4.13	2.05	1.57	43.41	13.77	-	57.18	6/48	6/78
		21	27	30	29	30	31	30	30	30	30	30	22	7	14		6		
		42	29	20	25	17	14	9	11	10	18	36	45						
4	7123	3.43	3.50	4.72	6.14	7.68	8.62	10.71	10.00	7.91	5.67	4.21	3.38	50.59	25.37	-	75.96	7/30	1/69
		38	37	37	37	38	39	39	39	39	38	38	39	39	11	16		11	
		32	30	26	16	14	18	13	12	14	17	32	30						
4	7170	3.90	3.98	5.35	6.73	8.27	10.35	12.13	11.85	9.06	6.65	4.61	3.78	58.31	28.35	-	86.66	3/67	12/78
		11	10	11	12	11	11	12	12	12	12	12	12	13	24		****		
		46	52	21	25	35	18	17	16	17	15	30	45						
4	7291	1.77	2.36	3.90	5.71	7.60	9.53	10.39	8.66	7.13	4.65	2.28	1.61	47.96	17.63	-	65.59	1/59	12/72
		14	14	14	14	14	14	14	14	14	14	14	14	5	11		6		
		25	29	17	21	13	8	9	7	11	13	33	41						
4	7305	1.57	2.13	3.98	6.50	8.98	11.61	14.76	12.87	9.53	6.18	2.91	1.85	63.93	18.94	-	82.87	10/46	9/59
		13	13	13	13	13	13	13	13	13	13	13	13	4	9		4		
		26	20	19	13	16	10	7	6	5	12	17	26						
4	7473	2.83	3.23	4.57	5.79	7.05	8.19	9.88	9.25	7.05	5.24	3.62	2.68	46.66	22.72	-	69.38	1/25	4/78
		50	52	53	52	52	53	51	50	51	51	51	51	11	16		12		
		32	31	21	19	13	17	12	14	18	19	23	25						
4	7528	3.86	3.78	4.57	5.83	6.89	7.36	8.54	8.07	6.50	5.55	3.90	3.11	42.91	25.05	-	67.96	1/61	12/76
		16	16	16	16	15	16	16	16	16	16	16	16	12	18		12		
		35	33	19	21	17	15	14	9	18	18	25	40						
4	7672	1.81	2.56	4.21	5.79	8.15	9.69	11.65	10.98	8.19	5.83	2.87	1.77	54.49	19.01	-	73.50	7/63	3/79
		16	15	15	14	15	15	16	16	16	16	16	16	5	11		5		
		32	22	20	22	11	11	7	11	11	17	18	21						
4	7714	1.97	2.60	4.25	6.18	8.78	10.94	12.28	10.98	8.23	5.31	2.99	1.89	56.52	19.88	-	76.40	12/66	3/79
		12	11	12	11	11	11	11	11	10	11	11	12	6	****		****		
		21	13	19	20	10	16	7	11	9	14	24	33						
4	7725	2.97	3.52	4.62	6.24	7.67	8.31	11.40	10.84	7.92	6.08	3.83	2.62	52.22	23.80	-	76.02	6/59	10/73
		14	14	14	14	14	14	15	15	15	15	14	14	12	14		11		
		30	22	21	20	15	21	10	15	18	19	27	24						

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CALIFORNIA (continued)																			
4	7759	5.75	4.69	6.14	6.50	7.56	7.76	10.35	9.45	8.46	7.40	7.56	6.14	50.98	36.78	-	87.76	1/31	12/54
		24	24	24	24	24	24	24	24	24	24	24	24						
		31	40	30	19	16	13	8	6	11	15	31	21	5	17		8		
4	7811	2.72	3.23	4.80	6.38	8.58	10.31	12.56	11.50	9.02	6.38	3.78	2.80	58.35	23.71	-	82.06	7/39	9/71
		32	32	32	32	32	32	33	33	33	33	31	31						
		28	24	23	17	11	16	12	13	15	25	20	38	11	15		12		
4	7846	1.58	2.62	5.57	8.99	13.28	16.07	19.13	17.23	12.21	7.36	2.90	1.57	85.28	23.23	-	108.51	2/63	12/79
		16	17	17	16	17	17	17	17	17	17	17	16						
		23	23	23	27	14	11	8	10	9	10	22	28	4	14		5		
4	7866	4.02	3.74	4.25	5.43	5.91	6.81	9.02	10.20	8.78	7.60	5.75	4.76	48.32	27.95	-	76.27	2/57	3/79
		22	23	23	21	21	21	22	22	22	22	22	22						
		23	28	27	25	19	21	19	23	23	28	27	31	13	13		11		
4	7873	2.91	2.83	5	5.47	7.24	8	9.84	9.33	7.91	5.40	4.17	2.80	48	23	-	71	10/46	9/57
		10	10	9	10	10	9	10	11	11	10	10	10						
		52	29	***	14	7	***	10	8	11	8	21	32	***	***		***		
4	7964	1.50	2.20	3.70	5.55	7.36	8.58	9.41	8.30	6.57	4.37	2.13	1	44.59	17	-	62	7/62	1/79
		17	16	16	16	16	16	17	17	17	17	17	7						
		37	26	26	23	17	17	9	8	10	15	19	***	6	***		***		
4	8135	1.81	2.14	3.45	5.25	7.51	9.21	11.49	10.23	7.93	5.02	2.57	1.75	51.39	16.97	-	68.36	1/46	12/79
		31	33	33	33	33	33	33	33	33	33	32	31						
		33	33	19	28	20	15	12	14	12	16	28	37	9	13		9		
4	8140	1.14	1.30	2.20	3.58	5.79	7.28	9.17	8.31	6.30	3.66	2.13	1.50	40.51	11.85	-	52.36	10/46	9/59
		13	13	13	13	13	13	13	13	13	13	13	13						
		47	32	23	16	17	10	6	9	12	13	20	27	5	13		5		
4	8252	2.75	3.58	4.72	5.59	6.77	6.93	9.02	8.35	6.73	5.04	3.62	2.72	42.84	22.98	-	65.82	1/52	12/67
		16	15	15	15	16	16	16	16	16	16	16	16						
		22	23	20	23	14	15	9	7	11	15	22	24	8	13		9		
4	8295	0.55	0.94	1.77	3.23	5.00	7.32	9.09	8.46	6.02	3.46	1.38	0.79	39.35	8.66	-	48.01	7/55	2/79
		15	18	19	19	19	18	19	19	19	19	19	17						
		60	50	56	29	25	16	9	10	12	25	50	51	7	21		8		
4	8338	2.40	2.99	4.61	5.98	7.68	8.19	8.58	7.60	6.57	5.31	3.11	2.24	43.93	21.33	-	65.26	3/61	5/71
		10	10	11	11	11	10	10	10	10	10	10	10						
		11	21	9	15	9	9	9	8	10	13	16	18	6	***		5		

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CALIFORNIA (continued)																			
4	8587	1.18 30 23	1.85 30 27	3.70 30 18	5.67 30 22	8.43 30 15	10.67 30 12	12.55 30 6	11.02 30 9	8.27 30 7	4.80 29 14	1.89 30 23	1.18 30 29	55.74 6	15.47 13	-	71.21 7	11/48	9/78
4	8620	1.42 19 26	2.17 19 19	4.17 19 17	6.42 19 21	9.76 19 11	11.97 19 10	13.82 18 7	12.44 20 9	9.33 19 10	6.18 18 16	2.72 18 27	1.30 18 31	63.50 7	18.20 11	-	81.70 7	8/59	6/78
4	8755	2.05 18 31	2.87 18 20	5.47 18 16	7.80 18 21	11.46 19 12	13.78 19 8	15.47 19 5	13.86 19 7	10.35 19 9	6.77 18 12	3.27 18 18	1.81 18 29	71.69 4	23.27 8	-	94.96 4	5/60	9/78
4	8758					4.06 5 ***	5.00 33 23	6.04 59 24	5.80 57 19	3.87 57 17	2.14 39 40			26.30 19	-	-	-	4/19	12/79
4	8817	3.27 13 20	3.31 13 27	4.29 12 26	5.20 13 23	6.14 13 16	7.01 13 14	8.62 12 19	8.27 10 16	6.81 12 11	6.42 12 21	3.86 13 18	3.54 12 17	43.27 10	23.47 11	-	66.74 ***	1/61	12/73
4	8868	1.54 16 30	2.36 16 21	4.09 16 21	5.98 16 26	9.57 16 14	11.93 16 8	14.29 15 5	13.23 16 9	10.04 16 9	6.61 15 13	2.91 15 22	1.34 15 36	66.07 5	18.22 14	-	83.89 6	9/62	8/78
4	8928	3.43 15 26	3.70 14 18	3.94 14 14	4.96 13 15	5.83 15 10	6.10 13 12	6.93 14 11	7.32 13 10	5.83 16 12	5.08 15 14	3.39 14 35	3.03 14 23	37.09 7	22.45 ***	-	59.54 ***	1/61	12/76
4	9001	1.58 25 30	2.70 25 26	5.53 26 19	8.51 26 19	12.48 26 11	15.57 26 10	17.57 27 8	15.25 27 7	11.09 26 8	6.79 27 13	2.98 27 20	1.58 26 34	78.75 4	22.88 11	-	101.63 4	7/53	12/79
4	9024					4.02 5 ***	8.58 16 33	10.55 17 10	9.13 16 12	6.53 17 16	3.07 17 33	0.98 16 69	1 5 ***	44.91 5	-	-	-	7/62	11/78
4	9048	3.35 12 27	3.70 12 33	5.04 12 24	6.06 11 19	7.68 12 19	8.03 12 13	10.16 12 8	9.61 12 6	7.36 12 20	5.79 12 13	4.53 12 25	3.50 13 22	48.63 8	26.18 11	-	74.81 7	12/32	12/44
4	9053					8.02 7 ***	8.34 14 11	9.45 17 12	8.54 17 10	6.65 18 24	3.62 11 14			44.62 ***	-	-	-	8/62	12/79

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CALIFORNIA (continued)																			
4	9083	2.32 19 32	2.76 21 32	3.98 22 27	5.51 22 28	6.54 21 17	8.39 22 18	10.51 22 9	10.04 22 10	8.66 21 12	5.83 21 17	3.27 20 31	2.64 18 41	49.97 8	20.48 17	-	70.45 10	1/48	10/69
4	9111	3.21 17 26	3.49 17 22	4.52 17 22	5.35 18 23	6.97 18 17	7.61 18 17	8.86 17 7	8.55 17 8	7.34 18 17	5.91 18 20	3.99 17 21	3.29 18 22	45.24 8	23.84 11	-	69.08 6	4/62	12/79
4	9145	1.50 17 26	2.64 17 20	5.12 17 14	7.48 17 20	11.18 17 12	12.20 17 6	12.40 18 10	10.55 19 10	8.19 19 9	5.35 19 12	2.40 18 26	1.30 17 32	60.32 6	20.44 8	-	82.59 6	8/44	10/78
4	9213	3.46 23 27	3.94 20 20	4.69 23 27	5.98 24 16	7.95 24 11	9.33 24 13	11.46 23 7	11.14 24 10	8.35 23 19	6.38 24 17	4.29 24 24	3.54 22 32	54.61 7	25.90 15	-	80.51 7	4/52	6/76
4	9218	4.02 14 27	4.06 15 31	5.12 15 24	6.50 14 26	7.91 14 10	9.21 15 16	10.63 15 16	10.31 15 17	8.50 15 15	6.46 14 17	4.33 15 18	3.70 14 27	53.02 11	27.73 15	-	80.75 ****	1/61	12/77
4	9260	1.31 19 26	1.41 19 29	2.63 19 26	3.57 19 19	4.36 19 16	4.60 20 19	5.86 19 20	5.17 18 24	3.71 18 22	2.37 18 15	1.73 18 29	1.22 18 20	25.93 17	11.81 16	-	37.73 14	1/30	7/48
4	9298	5.59 13 21	5.13 13 26	6.44 13 22	7.43 12 20	7.28 12 16	8.52 12 17	11.18 13 8	10.38 13 8	9.59 13 18	8.43 13 23	6.27 13 26	6.06 13 24	55.66 6	36.70 9	-	92.36 5	1/56	12/69
4	9338	2.83 15 29	2.99 15 31	3.35 15 31	4.76 15 15	5.43 15 12	6.14 15 9	7.76 14 9	7.36 14 23	5.82 14 9	4.76 14 17	3.39 14 26	2.60 14 24	37.27 6	19.92 13	-	57.19 7	1/64	6/78
4	9351				8 5 ****	7.56 9 ****	8.39 11 23	10.87 11 17	10.00 11 16	7.60 10 15	5 8 ****			50 ****	-	-	-	1/60	8/70
4	9565	1.38 21 39	2.32 21 29	4.61 21 23	6.65 21 24	8.98 22 16	10.55 22 12	10.91 22 9	9.06 21 13	7.40 20 19	5.16 20 14	2.44 19 20	1.54 21 57	52.06 9	18.94 17	-	71.00 9	10/49	12/71
4	960310	4.57 16 27	3.70 16 23	4.65 16 18	5.51 16 17	6.22 15 9	6.42 15 12	6.57 15 6	6.18 16 7	5.87 16 20	6.18 16 31	4.80 16 20	4.57 16 29	37.44 8	27.80 11	-	65.24 7	9/63	4/79

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<u>CALIFORNIA (continued)</u>																			
4	960325	2.76 10 28	2.72 10 18	3.66 10 22	4.80 10 17	6 9 ****	7 9 ****	7 9 ****	7 9 ****	6 9 ****	4 9 ****	3 9 ****	2.52 10 25	37 ****	19 ****	-	56 ****	12/69	4/79
4	9621	1 8 ****	1.51 18 38	2.92 19 16	4.61 16 26	7.09 19 18	8.84 19 9	11.08 20 8	9.71 21 14	7.11 21 13	3.79 21 21	1.44 19 37	1.08 14 38	47.68 5	13 ****	-	61 ****	7/59	12/79
4	9629						6.06 10 19	7.99 12 6	7.80 12 10	5.71 12 20	3.50 10 43			-	-	31.06	-	7/66	10/77
4	9694	1 7 ****	2 9 ****	3 9 ****	5 9 ****	7.14 10 8	8.62 11 5	6.89 11 8	4.51 11 16	2 9 16	1 9 ****	1 6 ****		34 ****	-	-	-	6/69	9/79
<u>COLORADO</u>																			
5	0130				7.45 12 ****	9.71 15 9	10.58 16 7	9.57 17 6	8.37 17 12	6.68 17 8				-	-	52.36	-	5/60	9/79
5	0834				8.18 19 16	9.41 28 16	11.57 29 20	12.44 30 15	11.30 30 13	8.55 28 18	6.68 23 17			59.95 12	-	-	-	1/49	8/78
5	1660						5.67 11 13	4.66 12 19	3.80 10 ****					-	-	14.13	-	7/58	9/71
5	1816				7 7 ****	8.28 19 ****	8.57 20 ****	7.40 20 ****	7.06 20 ****	7.15 20 ****	5.27 15 ****			43.73 ****	-	-	-	6/40	9/59
5	2759					6 5 ****	7.13 14 16	7.06 15 9	5.87 15 18	5.14 13 15				-	-	31	-	5/56	9/71
5	3489				7.77 17 16	10.23 22 21	12.83 23 27	13.20 23 24	11.35 22 26	8.38 23 27	5.19 17 27	2 8 ****		61.18 22	-	-	-	4/56	9/79
5	3500					7 9 ****	8.30 25 14	8.33 29 8	7.00 30 14	5.65 30 15	3.67 19 ****			40 ****	-	-	-	8/49	9/79

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COLORADO (continued)																			
5	3592					5.27 12 ***	6.84 29 19	7.10 30 9	6.08 31 13	4.82 31 15	3.18 16 17			33.29 ***	-	-	-	8/48	9/78
5	4388			6 7 ***	8.16 33 13	9.85 37 13	11.61 36 14	12.58 36 11	10.72 36 9	8.28 37 13	5.70 35 17			58.74 7	-	-	-	4/42	9/78
5	4742					7 5 ***	8.03 13 ***	7.48 13 ***	6.25 13 ***	5.81 13 ***				-	-	35	-	4/67	10/79
5	5507					8.96 11 ***	8.85 11 ***	7.26 12 ***	5.41 12 ***					-	-	30.48	-	5/69	9/79
5	5717		1.28 30 8	1.56 30 10	3.54 33 18	5.59 39 15	7.58 38 13	9.35 39 11	7.58 39 14	5.80 39 14	3.57 39 22	1.68 35 22	1.29 15 13	43.09 9	14.94	-	58.03	1/41	10/79
5	6743		3.62 11 ***	5.76 14 ***	6.96 20 ***	9.00 28 12	10.51 29 17	11.06 29 11	9.41 29 14	7.68 29 18	5.43 26 16	3.38 15 ***	3 7 ***	53.09 11	-	-	-	3/42	10/70
5	7866				8.44 23 17	10.60 23 14	12.26 23 12	13.16 23 12	11.88 23 13	9.16 24 16	6.86 24 21			63.92 10	-	-	-	9/56	10/79
5	8064					6.50 19 ***	5.85 27 12	5.02 27 12	4.12 26 13	3 8 11				-	-	24	-	8/48	9/79
5	8501					8 7 ***	8.02 10 ***	6.89 10 ***	5.45 10 ***					-	-	28	-	7/65	10/78
5	8582			4.00 26 13	5.47 31 13	6.73 31 13	6.62 31 12	5.68 32 11	4.53 32 16	3.18 31 24	2 8 25	32.21 11		32.21 11	-	-	-	8/48	10/79
5	8742					7 5 ***	8.57 30 17	7.27 31 18	6.04 31 15	5.59 32 15	4 9 ***			38 ***	-	-	-	5/40	9/71

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<u>COLORADO (continued)</u>																			
5	9025				10	8.81	9	10	8	6.02	4			46	-	-	-	4/61	9/70
	Wiggins 7 SW 40° 09', 104° 11'				9	10	8	9	9	10	9			****					
<u>CONNECTICUT</u>																			
6	1689					6	5.85	6.06	5.06	3.77				-	-	27	-	5/57	7/79
	Coventry 41° 48', 72° 21'					6	19	23	22	21									
						****	10	15	12	12									
6	5445					3.70	4.30	4.52	3.87	2.38	1.28			20.50	-	-	-	5/65	10/79
	Norfolk 41° 58', 73° 13'					14	14	15	15	15	13			****					
						****	****	****	****	****	****								
<u>DELAWARE</u>																			
7	3570				5.76	6.55	7.33	7.69	6.75	5.13	3.90			37.35	-	-	-	4/56	10/79
	Georgetown 38° 38', 75° 27'				16	20	21	23	22	24	20			13					
					****	10	10	10	11	20	16								
7	6410					5.17	6.00	6.39	5.59	4.00				-	-	27.15	-	5/28	9/79
	Newark University Farm 39° 40', 75° 44'					12	18	16	15	15									
						****	****	****	****	****	****								
<u>FLORIDA</u>																			
8	0520				3.19	3.91	5.65	6.76	7.84	7.39	6.77	6.14	5.42	3.05	3.77	4.90	3.77	3.05	12/51
	Bey Lake 28° 04', 82° 30'				15	15	14	15	15	15	15	15	16						12/66
					15	13	20	13	14	8	****	14	9	14	14	10	****	13	****
8	0611				3.35	3.99	5.70	6.45	7.07	6.29	6.33	6.15	5.30	3.14	3.66	4.73	3.66	3.14	3/40
	Belle Glade Exp Station 26° 40', 80° 38'				38	38	40	40	40	40	40	40	40	40	40	40	40	40	12/79
					9	7	9	8	8	6	7	7	7	8	10	8	4	5	4
8	3020				5	5	7	9	9	8	8.15	7.43	6	4	4	4.38	45	34	5/63
	Fleming R S 25° 09', 80° 55'				7	8	8	8	9	6	10	10	9	10	8	9	****	****	9/75
					****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	3171				3.83	4.33	6.24	7.54	7.83	6.92	7.15	6.97	5.94	5.52	4.31	3.81	40.33	30.06	11/53
	Ft. Lauderdale Exp Sta 26° 05', 80° 15'				25	25	25	25	25	25	21	20	22	23	24	24	70.39	7	6/79
					13	8	9	6	13	11	10	7	12	9	7	8	6	4	4

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			***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
FLORIDA (continued)																				
8	3321	Gainesville 2 WSW 29° 38', 82° 22'	2.95 23 12	3.71 26 10	5.65 26 10	7.14 26 9	7.97 26 10	7.59 25 9	7.14 25 5	6.71 26 8	5.74 26 8	4.97 27 13	3.60 27 11	2.82 26 13	40.12 3	25.87 7	-	65.99 4	10/53	12/79
8	3909	Hialeah 25° 50', 80° 17'	3.81 38 10	4.42 37 9	6.12 37 7	7.26 36 5	7.80 39 7	7.12 38 11	7.36 38 6	7.22 38 7	5.91 37 14	5.81 38 6	4.79 39 8	3.80 38 11	41.22 5	30.20 4	-	71.42 3	1/41	12/79
8	4707	Lake Alfred 28° 06', 81° 43'	3.33 14 ***	3.91 14 ***	6.01 14 ***	7.37 14 ***	8.16 15 ***	7.23 15 ***	7.33 14 ***	6.92 15 ***	6.17 15 ***	5.30 14 ***	3.90 14 ***	3.09 14 ***	41.11 ***	27.61 ***	-	68.72 ***	5/65	12/79
8	4731	Lake City 2E 30° 11', 82° 36'	2.99 10 ***	3.76 11 ***	5.70 14 ***	7.06 14 ***	7.70 14 ***	7.55 13 ***	7.49 15 ***	6.59 13 ***	5.92 14 ***	4.94 15 ***	3.56 15 ***	2.98 13 ***	40.19 ***	26.05 ***	-	66.24 ***	6/65	12/79
8	5076	Lisbon 28° 52', 81° 47'	2.75 19 9	3.30 20 6	5.01 20 8	6.59 20 7	7.15 19 8	6.61 20 9	6.55 20 6	6.02 20 6	5.09 20 7	4.44 20 5	3.21 20 11	2.69 20 15	35.86 2	23.55 4	-	59.41 2	1/60	12/79
8	5182	Loxahatchee 26° 41', 80° 16'	3.17 19 ***	3.81 19 ***	5.28 19 ***	6.27 19 ***	6.94 19 ***	6.17 19 ***	6.01 19 ***	5.91 19 ***	5.16 19 ***	4.55 19 ***	3.40 19 ***	2.81 19 ***	34.74 ***	24.74 ***	-	59.48 ***	1/41	12/59
8	5793	Milton Exp. Sta 30° 47', 87° 08'	2.58 12 ***	3.26 16 ***	4.99 16 ***	6.25 16 ***	7.02 16 ***	7.08 17 ***	6.56 16 ***	6.05 16 ***	5.27 16 ***	4.70 17 ***	3.18 16 ***	2.32 15 ***	36.68 ***	22.58 ***	-	59.26 ***	1/63	12/79
8	5895	Moore Haven Lock No. 1 26° 50', 81° 05'	4.05 31 11	4.30 31 9	6.47 31 10	7.87 31 9	8.50 31 11	7.68 30 9	7.50 31 8	7.17 31 11	6.56 31 10	5.91 31 12	4.46 31 7	3.60 30 11	43.32 7	30.75 6	-	74.07 6	1/49	12/79
8	8780	Tamiami Trail (40 MI Bend) 25° 45', 80° 50'	3.36 29 8	3.85 30 9	5.41 30 9	6.31 29 7	6.83 31 12	6.15 27 13	6.87 27 9	6.57 32 8	5.36 31 14	5.53 31 8	3.81 32 9	3.20 29 10	37.31 7	25.94 5	-	63.25 5	2/41	11/79
8	9219	Vero Beach 4W 27° 38', 80° 27'	2.80 14 23	3.60 14 18	5.44 14 15	6.64 14 11	7.07 15 11	6.66 15 11	6.64 15 9	6.32 15 12	5.03 15 16	4.81 15 22	3.31 15 21	2.64 15 27	36.53 11	24.43 16	-	60.96 12	5/65	12/79
8	9795	Woodruff Dam 30° 43', 84° 52'	2.63 18 14	3.27 17 10	5.20 19 9	6.51 19 8	7.27 18 11	7.84 18 11	7.33 18 5	6.96 19 7	6.52 19 8	5.42 19 14	3.44 19 8	2.58 19 11	41.34 5	23.63 5	-	64.97 5	1/59	12/78

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GEORGIA																			
9	0090	2.09 17 ****	3.06 19 ****	4.53 18 ****	5.46 20 ****	6.61 17 ****	6.61 20 ****	6.64 20 ****	6.21 18 ****	4.61 18 ****	3.74 20 ****	2.64 19 ****	2.07 15 ****	34.42 ****	19.85 ****	-	54.27 ****	1/49	11/79
9	0181	3 7 ****	3.87 12 ****	5.06 25 ****	5.77 27 ****	6.27 27 ****	6.27 27 ****	6.55 27 ****	5.97 27 ****	4.71 27 ****	3.46 26 ****	2.32 16 ****	32.73 6 ****	-	-	-	-	5/52	11/78
9	0432	2.76 14 14	3.20 15 18	4.82 17 14	6.12 16 10	7.13 17 11	7.49 18 12	7.63 16 9	6.83 17 11	5.65 17 17	4.21 18 14	3.03 17 14	2.53 18 18	38.94 6 ****	22.46 5 ****	-	61.40 3 ****	6/53	6/71
9	1474	4.63 8 ****	5.75 9 ****	6.04 9 ****	7.24 9 ****	7.25 9 ****	7.25 9 ****	7.25 9 ****	6.54 9 ****	5.23 9 ****	4.22 9 ****	3 9 ****	3 8 ****	36.52 ****	-	-	-	9/70	12/79
9	3271	2.57 30 ****	3.10 32 ****	4.78 35 ****	6.26 43 ****	7.53 43 ****	7.96 41 ****	7.58 43 ****	6.95 42 ****	5.61 43 ****	4.32 44 ****	3.04 41 ****	2.36 35 ****	39.95 5 ****	22.11 5 ****	-	62.06 5 ****	10/36	11/79
9	7610	1.77 11 ****	2.76 16 ****	3.85 15 ****	5.29 18 ****	6.37 17 ****	6.69 16 ****	6.85 18 ****	6.02 18 ****	5.05 19 ****	3.76 17 ****	2.32 18 ****	1.54 12 ****	34.74 ****	17.53 ****	-	52.27 ****	1/49	3/68
9	7847	3 9 ****	3.67 11 ****	5.69 13 ****	7.42 12 ****	7.76 13 ****	7.91 14 ****	8.29 13 ****	7.21 14 ****	5.75 13 ****	5.12 13 ****	3.42 13 ****	3 9 ****	42.04 ****	26 ****	-	68 ****	6/65	11/79
9	8703	2.22 36 18	2.78 40 12	4.53 40 12	6.00 39 10	7.08 42 14	6.97 42 10	6.81 41 10	6.32 42 7	5.13 42 11	4.24 41 18	2.80 42 13	2.17 40 12	36.55 7 ****	20.50 7 ****	-	57.05 7 ****	5/37	12/79
HAWAII																			
49	1492	5.01 13 19	4.92 13 17	5.24 13 17	5.61 13 14	5.96 13 14	6.52 13 13	6.59 13 10	6.20 14 9	5.73 13 14	5.50 13 18	4.22 13 16	4.38 12 22	36.50 6 ****	29.38 ****	-	55.88 5 ****	8/55	10/68
49	1527	3.56 18 ****	3.85 18 ****	4.73 18 ****	5.44 18 ****	5.99 18 ****	6.37 18 ****	7.00 19 ****	7.00 20 ****	5.88 20 ****	5.28 20 ****	3.88 20 ****	3.57 19 ****	37.52 ****	25.03 ****	-	62.55 ****	8/19	11/38

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr	
HAWAII (continued)																				
49	1918	4.73 23 15	5.14 22 11	6.80 23 14	7.50 23 11	8.57 23 9	9.03 22 8	9.66 23 7	9.84 23 9	8.60 23 9	7.54 23 9	5.82 22 15	4.97 22 13	53.24 6	34.96 9	-	88.20 6	1/56	12/78	
49	5580	5.47 24 ****	5.64 23 ****	7.30 24 ****	7.92 22 ****	8.97 23 ****	9.61 24 ****	10.25 23 ****	10.04 24 ****	9.15 25 ****	7.96 25 ****	6.30 25 ****	5.53 24 ****	55.98 ****	38.16 ****	-	94.14 ****	8/55	12/79	
49	none	3.10 10 ****	3.13 11 ****	3.91 11 ****	3.75 11 ****	4.11 11 ****	4.08 11 ****	4.37 11 ****	4.36 11 ****	3.87 11 ****	3.57 10 ****	3.15 10 ****	2.99 10 ****	24.36 ****	20.03 ****	-	44.39 ****	2/20	9/30	
49	7421	4.59 15 ****	4.54 15 ****	5.01 15 ****	5.41 15 ****	5.59 15 ****	5.90 14 ****	6.43 14 ****	6.33 14 ****	5.49 14 ****	5.04 14 ****	4.52 14 ****	4.60 16 ****	34.78 ****	28.67 ****	-	63.45 ****	12/30	5/45	
IDAHO																				
10	0010	5.19 15 ****	7.56 43 16	8.48 43 14	9.88 42 6	8.84 43 13	6.03 44 13	3.61 30 12	44.40 7	-	-	-	-	44.40 7	-	-	5/35	12/79		
10	5275	4.19 24 ****	6.35 40 12	7.52 45 13	9.02 45 6	7.96 45 8	5.54 44 12	3.15 33 ****	39.54 ****	-	-	-	-	39.54 ****	-	-	5/35	12/79		
10	5466	8.88 12 ****	10.65 14 ****	9.11 14 ****	6.92 10 ****	-	-	35.56	-	-	-	-	-	-	-	-	-	7/67	8/79	
10	none	4.85 19 ****	6.82 19 ****	8.11 19 ****	9.47 18 ****	8.59 18 ****	5.72 18 ****	3.05 18 ****	2 6 ****	41.76 ****	-	-	-	41.76 ****	-	-	4/27	7/45		
10	5980	7 8 ****	8.17 14 ****	10.82 13 ****	13.02 13 ****	11.48 13 ****	8.30 13 ****	4.79 13 ****	3 6 ****	56.58 ****	-	-	-	56.58 ****	-	-	5/49	5/62		
10	6152	4.39 26 21	5.42 34 21	6.18 41 21	8.46 41 7	7.60 41 17	4.50 40 12	3.20 12 ****	35.36 ****	-	-	-	-	35.36 ****	-	-	6/39	12/79		
10	6764	5.81 21 24	7.20 25 24	9.45 26 23	8.45 26 16	5.54 26 22	4 6 ****	-	-	-	-	-	-	40 ****	-	-	5/49	9/75		
Palisades Dam (Palisades)																				
		43° 21', 111° 13'																		

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-	Nov-	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
														Oct ***	Apr ***				
IDAHO (continued)																			
10	9303				7 9 ****	8.62 17 ****	9.13 17 ****	10.36 17 ****	9.11 17 ****	6.68 17 ****	4.49 13 ****			48.39 ****	-	-	-	5/63	10/79
11	1290				5.57 17 ****	6.95 17 ****	8.50 17 ****	8.80 17 ****	7.24 17 ****	5.69 16 ****	4.37 15 ****			41.55 ****	-	-	-	4/63	10/79
11	4013				5 7 ****	6.98 15 ****	8.32 17 ****	8.28 15 ****	6.56 15 ****	6.21 13 ****	4 8 ****			41 ****	-	-	-	5/63	9/79
11	8179				5.50 28 16	7.12 34 16	8.41 35 17	8.95 35 17	7.42 35 15	6.21 35 17	4.55 35 16	2 7 ****		42.67 9	-	-	-	5/41	10/79
11	8740				4.62 11 ****	6.33 16 ****	7.60 16 ****	7.80 15 ****	6.29 15 ****	4.85 15 ****	3.43 16 ****			36.30 ****	-	-	-	4/63	10/79
11	8750				3.90 13 16	5.67 14 14	6.25 13 18	6.52 15 19	5.92 15 14	4.59 15 11	3.23 14 20			32.18 12	-	-	-	4/48	10/62
INDIANA																			
12	1952				6.61 12 ****	7.67 13 ****	7.38 13 ****	7.38 12 ****	6.25 12 ****	4.80 12 ****	3.23 11 ****			35.94 ****	-	-	-	6/61	11/74
12	2309				5.62 19 16	6.29 23 12	7.02 23 9	7.15 23 9	6.35 22 10	4.89 22 13	3.85 7 17	2 7 ****		35.55 6	-	-	-	9/56	10/79
12	2738				5.14 29 15	6.66 31 11	7.86 31 13	8.05 31 9	7.07 31 12	5.40 31 20	3.88 30 18	2.52 12 ****		38.92 8	-	-	-	4/49	10/79
12	4492				4.25 20 17	5.65 21 11	6.45 21 11	6.80 22 9	6.10 23 11	4.38 23 18	2.96 22 18			32.34 6	-	-	-	1/49	4/72

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).
 ** Climatological Data (NOAA-EDIS)
 *** Sum of monthly means.
 **** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
INDIANA (continued)																			
12	5656				4	5.42	6	6.07	5.60	4.17	3.16			30	-	-	-	5/55	5/68
					9	12	9	12	13	13	11			****					
					****	16	****	14	9	19	20								
12	6506				3.76	4.96	5.71	6.15	5.31	4.01	2.62	1.66		28.76	-	-	-	6/37	10/79
					40	42	43	43	42	42	43	16		7					
					19	12	10	13	8	18	15	****							
12	8999				3.66	5.38	6.14	5.94	4.92	3.23	2.95			28.56	-	-	-	4/60	9/79
					10	20	20	19	20	20	19			9					
					14	14	10	9	11	23	29								
12	9430				4.88	6.30	7.28	7.33	6.02	4.84	3.54	2		35.31	-	-	-	9/56	10/79
					17	20	23	22	23	23	23	5		7					
					****	16	10	9	9	15	19	****							
IOWA																			
13	0200				6	7.39	8.65	8.59	7.12	5.43	4.32			41.50	-	-	-	4/65	10/79
					8	15	15	15	15	15	13			****					
					****	****	****	****	****	****	****								
13	0205				4.84	6.82	7.76	8.47	7.13	5.26	3.71	2		39.15	-	-	-	4/33	10/70
					35	38	38	38	38	38	38	6		10					
					20	15	15	14	8	13	25	****							
13	1060				5.25	7.00	8.30	9.04	7.25	5.46	4.13			41.18	-	-	-	4/65	10/79
					14	15	15	15	15	15	15			****					
					****	****	****	****	****	****	****								
13	1277				5.65	7.10	8.12	8.34	7.23	5.40	4.23			40.42	-	-	-	5/56	9/79
					13	18	18	18	18	18	16			20					
					20	21	25	22	21	30	33								
13	1442				4.19	6.01	6.92	7.86	6.66	5.03	3.45			35.93	-	-	-	8/37	11/53
					15	15	15	15	16	16	16			****					
					****	****	****	****	****	****	****								
13	2367				5.29	7.00	8.17	8.54	7.57	5.14	3.87			40.29	-	-	-	4/63	10/79
					14	16	17	16	16	17	16			****					
					****	****	****	****	****	****	****								

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dac	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
IOWA (continued)																				
13	6119	Norwich Exp Farm (Norwich) 40° 45', 95° 12'	6.09 18 ****	7.21 22 ****	8.45 21 ****	9.18 22 ****	7.63 21 ****	6.15 20 ****	4.60 20 ****						43.22 ****	-	-	-	4/38	10/66
13	7613	Shenandoah 1 NE 40° 47', 95° 21'	7.94 9 ****	8.79 10 ****	8.68 10 ****	8.07 10 ****	5.96 10 ****	4.23 10 ****							43 ****	-	-	-	5/66	10/79
KANSAS																				
14	1383	Cedar Bluff Dam 38° 48', 99° 43'	8.23 24 14 ****	9.60 29 18 ****	12.29 29 19 ****	13.31 29 15 ****	11.89 30 14 ****	9.09 23 22 ****	6.47 26 ****						62.65 13	-	-	-	8/49	9/78
14	1699	Colby 1 SW 39° 23', 101° 04'	7.94 14 ****	9.42 14 ****	12.11 14 ****	13.41 14 ****	11.71 14 ****	9.26 ****							-	-	63.85	-	4/66	9/79
14	1867	Council Grove Dam 38° 41', 96° 31'	6.86 12 14 ****	8.18 14 ****	9.24 15 ****	10.68 15 ****	9.48 15 ****	6.62 15 ****	5.26 14 ****	3 5					49.46 ****	-	-	-	6/64	9/78
14	2430	Elk City Dam 37° 17', 95° 48'	4.59 10 ****	6.26 16 ****	8.13 16 ****	9.22 16 ****	8.30 16 ****	5.61 16 ****	4.43 12 ****	2.44					42.59 ****	-	-	-	4/64	10/79
14	2686	Fall River Dam 37° 39', 96° 05'	5.58 22 31 ****	7.49 30 18 ****	8.31 29 20 ****	9.22 30 17 ****	10.61 31 21 ****	10.09 31 27 ****	5.59 30 23 ****	3.46 9	2				51.29 14	-	-	-	8/48	9/78
14	2980	Garden City Exp Sta 37° 59', 100° 49'	9.50 17 ****	11.48 17 ****	13.65 17 ****	14.66 17 ****	11.88 16 ****	8.86 17 ****	7.32 14 ****						67.85 ****	-	-	-	4/63	10/79
14	3100	Glen Elder Dam 39° 30', 98° 19'	6.68 11 ****	5.35 15 ****	10.55 15 ****	11.97 15 ****	10.75 15 ****	7.39 15 ****	5.36 13 ****						51.37 ****	-	-	-	5/65	10/79
14	3527	Keys 1 S 38° 52', 99° 20'	8.17 41 16 ****	9.88 42 21 ****	12.90 41 21 ****	14.52 42 17 ****	13.05 42 18 ****	10.04 21 26 ****	7.50 21 ****						67.89 ****	-	-	-	5/38	9/79
14	4104	John Redmond Dam 38° 15', 95° 45'	6.88 17 11 ****	7.68 18 23 ****	8.62 18 8 ****	10.13 18 12 ****	8.86 18 24 ****	5.98 19 12 ****	4.71 18 28 ****	3					45.98 13	-	-	-	9/60	9/78

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
KANSAS (continued)																			
14	4178	Kanapolis Dam 38° 36', 97° 37'																	
		7.08	8.25	10.13	11.49	10.50	7.72	5.78	5	53.87	-	-	-	-	-	-	-	5/49	9/78
		27	30	30	30	30	30	27	5	16									
		13	20	15	17	19	32	24	***										
14	4857	Lovewell Dam 39° 54', 98° 02'																	
		6.49	7.51	8.83	10.05	9.25	6.13	4.44		46.21	-	-	-	-	-	-	-	7/58	10/79
		20	21	21	22	22	21	20		9									
		14	16	11	11	15	19	21											
14	4977	Manhattan Agronomy Farm 39° 12', 96° 35'																	
		6.19	7.38	8.98	10.31	9.27	7.31	4.77		48.02	-	-	-	-	-	-	-	5/25	9/29
		23	30	30	30	30	30	25		***				***				4/38	10/62
		***	***	***	***	***	***	***	***	***				***					
14	5039	Marion Dam 38° 23', 97° 05'																	
		6.73	7.87	9.49	11.27	9.97	6.84	5.39	3	50.83	-	-	-	-	-	-	-	5/66	10/79
		13	14	14	14	14	14	14	7	***				***					
		***	***	***	***	***	***	***	***	***				***					
14	5306	Milford Lake (or Dam) 39° 05', 96° 53'																	
		6.74	8.00	9.68	11.11	10.00	6.89	5.41		51.09	-	-	-	-	-	-	-	7/65	9/78
		11	12	11	12	11	12	11		***				***					
		***	***	***	***	***	***	***	***	***				***					
14	5852	Norton Dam 39° 49', 99° 56'																	
		7.49	9.02	11.05	12.42	10.78	7.66	5.71		56.64	-	-	-	-	-	-	-	4/63	10/79
		16	16	17	17	17	16	15		***				***					
		***	***	***	***	***	***	***	***	***				***					
14	6333	Perry Lake (or Dam) 39° 07', 95° 25'																	
		6.80	7.35	8.88	10.23	9.40	6.35	5		47	-	-	-	-	-	-	-	4/69	9/78
		10	10	10	10	10	10	9		***				***					
		***	***	***	***	***	***	***	***	***				***					
14	6498	Pomona Dam 38° 39', 95° 34'																	
		7.13	7.87	8.88	9.92	8.82	6.37	5.85		47.71	-	-	-	-	-	-	-	9/63	9/78
		12	15	15	15	14	16	14		***				***					
		***	***	***	***	***	***	***	***	***				***					
14	7073	Sabatha Lake 39° 54', 95° 54'																	
		5.44	6.82	7.48	8.25	7.67	5.32	4.11	2	39.65	-	-	-	-	-	-	-	4/56	10/79
		22	24	24	24	24	24	24	6	10									
		12	14	10	12	11	23	26	***										
14	8191	Toronto Dam 37° 45', 95° 56'																	
		4.72	7.48	7.96	9.58	8.66	5.76	4.52	2.49	43.96	-	-	-	-	-	-	-	4/56	9/78
		14	23	23	23	23	22	22	17										
		***	18	21	8	18	19	28	23	12									
14	8235	Tribune 1 W (Tribune) 38° 28', 101° 46'																	
		7.79	9.86	12.17	13.90	12.01	8.96	6.14		62.67	-	-	-	-	-	-	-	9/16	9/78
		62	62	61	62	62	63	10		***									
		21	19	20	13	13	20	***											

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE 1 -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
KANSAS (continued)																				
14	8259	Tuttle Creek Lake (or Dam) 39° 15', 96° 36'				6.29 15 ***	7.75 16 ***	8.61 19 ***	9.98 18 13	8.82 18 5	5.89 19 15	4.82 16 ***			45.87 ***	-	-	-	9/59	9/78
14	8648	Webster Dam 39° 25', 99° 25'				6.80 15 ***	8.29 21 ***	10.09 21 15	11.54 20 9	10.17 21 17	7.18 20 16	5.57 16 ***			52.84 9 ***	-	-	-	4/58	9/78
14	None	Wichita 37° 40', 97° 18'				6.19 10 ***	6.99 10 ***	8.90 10 ***	10 9 ***	10 9 ***	7.75 10 ***	5.42 10 ***			49 ***	-	-	-	9/18	6/27
14	8946	Wilson Lake (or Dam) 38° 58', 98° 29'				6.87 11 ***	8.54 14 ***	10.24 13 ***	11.98 14 ***	10.77 14 ***	7.53 15 ***	5.97 13 ***			55.03 ***	-	-	-	3/64	9/78
KENTUCKY																				
15	1080	Buckhorn Lake (Buckhorn) 37° 21', 83° 23'				4.62 17 ***	5.02 18 ***	5.47 18 ***	5.63 16 ***	5.07 18 ***	3.89 17 ***	2.91 17 ***			27.99 ***	-	-	-	4/61	10/79
15	2180	Dawey Dam 37° 45', 82° 47'					4.51 15 13	4.94 16 12	5.35 17 11	4.67 16 17	3.50 17 24	2.24 15 24			25.21 11 ***	-	-	-	9/53	10/70
15	2214	Dix Dam 37° 48', 84° 43'				5.33 23 15	6.14 25 9	6.47 26 10	6.93 26 8	6.34 26 10	5.01 24 13	3.62 20 13			34.51 5 ***	-	-	-	4/54	9/79
15	None	Eadsville (Lock 21) 36° 54', 84° 53'			3 9 ***	4 9 ***	4.98 10 ***	5.86 10 ***	5.99 10 ***	4.90 10 ***	3.64 10 ***	2.51 10 ***	1.59 10 ***		27.88 ***	-	-	-	5/37	11/46
15	5067	Madisonville 37° 19', 87° 29'				5.83 22 14	6.86 24 8	7.56 24 11	7.84 24 7	6.91 24 11	5.06 24 15	4 5 ***			38 ***	-	-	-	4/56	9/79
15	5834	Nolin River Lake (or Reservoir) 37° 17', 86° 15'				5.58 16 ***	6.63 16 ***	7.15 16 ***	8.92 16 ***	6.63 16 ***	4.73 16 ***	3.71 15 ***			37.71 ***	-	-	-	4/64	10/79

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-ED15)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
<u>KENTUCKY (continued)</u>																			
15	8807	2 7 ****	2 7 ****	4 7 ****	4.68 12 ****	5.47 20 ****	6.35 23 10	6.57 23 9	5.88 23 12	4.58 23 18	3.24 21 12	2 7 ****	2 6 ****	32.09 7	17 ****	-	49 ****	6/48	9/70
<u>LOUISIANA</u>																			
16	1411	2 7 ****	3.02 15 ****	4.69 19 ****	5.59 19 8	6.89 19 10	7.48 18 8	7.56 19 7	7.15 20 10	5.38 20 6	4.35 20 15	2.68 28 15	2.14 14 ****	38.81 ****	20 ****	-	59 ****	8/60	11/79
16	5620	2.31 9 ****	3.34 16 ****	4.85 17 ****	6.43 14 ****	7.18 15 ****	7.72 16 ****	6.69 16 ****	6.36 16 ****	5.47 17 ****	5.23 15 ****	3.42 17 ****	2.54 15 ****	38.65 ****	22.89 ****	-	61.54 ****	3/63	12/79
16	9865	1.72 14 22	2.16 18 18	3.50 18 15	4.56 17 13	5.82 17 18	6.17 12 12	6.16 14 16	5.80 18 16	4.46 12 12	3.68 17 14	2.10 17 12	1.68 16 23	32.09 9	15.72 10	-	47.81 8	1/57	9/75
<u>MAINE</u>																			
17	1175					5.46 10 ****	5.72 17 ****	5.80 17 ****	4.72 16 ****	3.20 16 ****	2 5 ****			27 ****	-	-	-	6/63	9/79
17	5686					6 9 ****	4.97 10 ****	6 9 ****	5.50 12 ****	3.85 11 ****				-	-	26	-	6/63	9/79
<u>MARYLAND</u>																			
18	0700				5.13 11 ****	5.66 31 9	6.57 36 6	7.31 37 10	6.19 37 13	4.75 34 18	3.34 33 11	2.44 17 ****		33.82 ****	-	-	-	5/41	10/79
18	8065				5 8 ****	5.42 27 8	5.80 26 7	5.98 29 8	5.36 29 8	4.17 27 13	2.73 27 18			29.46 4	-	-	-	5/51	10/79
18	9070				4.62 17 ****	5.67 22 11	6.31 23 8	6.68 23 9	5.85 23 13	4.12 22 11	2.99 20 11			31.62 3	-	-	-	4/56	10/79

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

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State No.	Station Index No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
<u>MASSACHUSETTS</u>																			
19	6938				3.09	4.53	5.27	5.63	4.77	3.33	2.13			25.66	-	-	-	4/52	10/79
					21	28	28	28	28	27				7					
					15	14	14	14	10	11	12								
<u>MICHIGAN</u>																			
20	2015				3.88	5.86	6.91	7.35	6.18	3.10	2.99			32.39	-	-	-	8/52	9/79
					18	30	27	27	26	26	23			***					
					***	14	14	10	10	14	22								
20	2395				5	6.18	6.95	7.37	6.14	4.45	2.91			34.00	-	-	-	4/56	10/79
					7	23	24	23	24	24	23			5					
					***	14	10	12	8	13	25								
20	3123				4.90	5.89	6.24	5.00	2.97	1.91				26.91	-	-	-	7/39	10/60
					18	20	21	22	22	20				***					
					***	***	***	***	***	***	***								
20	4502				5	6.11	6.43	5.31	3.43	2.34				29	-	-	-	5/60	9/79
					8	17	16	18	17	12				***					
					***	***	***	***	***	***	***								
20	4967				4.80	5.17	5.62	4.46	2.87	1.82				24.74	-	-	-	5/51	10/79
					24	29	29	29	29	26				9					
					16	10	17	14	14	40									
20	7690				3.99	5.59	6.61	6.81	6.06	4.57	3.17			32.81	-	-	-	5/52	9/78
					25	27	27	27	27	27	25			5					
					7	10	11	8	7	11	14								
<u>MINNESOTA</u>																			
21	3921				5.12	5.83	6.15	4.80	2.92	2				27	-	-	-	5/58	8/79
					10	15	14	14	13	8				***					
					***	***	***	***	***	***	***								
21	4546				5	7.93	9.03	9.02	7.43	5.61				44	-	-	-	5/66	9/78
					9	13	13	13	13	13				***					
					***	***	***	***	***	***	***								
21	8692				6	6.43	8.38	8.47	6.73	5.07				-	-	41	-	4/64	9/79
					5	15	15	15	15	15									
					***	***	***	***	***	***	***								

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<u>MISSISSIPPI</u>																			
22	7886	2.12 17 19 17 21	2.78 19 21	4.50 23 21	5.87 25 21	7.48 25 11	8.38 10 11	8.15 25 8	7.32 24 6	5.74 16 11	4.36 24 11	2.87 25 11	2.01 19 24	41.43 6	20.15 ***	-	61.58 ***	11/52	11/77
22	8374	2.28 24 22	3.81 26 20	4.59 29 18	5.99 31 10	7.24 31 11	7.62 31 9	7.77 13 13	7.30 31 12	5.75 16 13	4.49 31 12	3.01 32 12	2.25 26 11	40.17 8	21.93 ***	-	62.10 ***	10/48	11/79
22	8998				6.49 16 16 ***	7.65 17 16 ***	8.41 19 11 ***	8.81 13 13	8.08 18 10	5.92 25 22	4.84 18 22	3.20 12 13		43.71 ***	-	-	-	4/60	10/79
<u>MISSOURI</u>																			
23	1800				4.80 22 22 ***	5.77 23 22 ***	7.06 23 22 ***	8.11 24 22 ***	6.82 24 22 ***	5.76 24 22 ***	3.54 24 8	2		37.06 ***	-	-	-	5/16 6/36 6/44	10/26 9/39 10/52
23	6777				5.94 12 12 ***	7.05 11 11 ***	8.51 14 11 ***	8.99 15 11 ***	8.09 15 11 ***	5.22 14 11 ***	4.31 11 11 ***			42.17 ***	-	-	-	6/63	9/78
23	7470				2.77 11 11 ***	4.17 17 11 ***	5.32 18 11 ***	6.06 19 11 ***	6.75 19 11 ***	5.82 19 11 ***	4.67 19 11 ***	2.79 19 11 ***	1.53 11	31.41 ***	-	-	-	6/38	10/56
23	7963				5.25 15 15 ***	6.07 17 15 ***	7.01 20 11 ***	8.00 17 11 ***	6.98 19 8 ***	4.88 20 8 ***	3.78 17 8 ***			36.72 ***	-	-	-	4/59	10/79
23	8805				4.85 10 10 ***	6.07 13 14 ***	7.39 13 8 ***	7.28 17 14 ***	6.49 18 9 ***	4.88 17 13 ***	3.72 14 18 ***			35.83 ***	-	-	-	4/57	9/74
<u>MONTANA</u>																			
24	0392				5.96 19 17 ***	6.28 30 17 ***	7.18 29 12 ***	6.00 24 11 ***	4.24 24 18					-	-	29.66	-	5/50	8/79
24	1044				3.67 32 15 ***	5.72 39 15 ***	6.17 39 19 ***	8.33 40 9 ***	7.47 40 14 ***	4.73 40 20 ***	2.72 38 15 ***			35.14 9	-	-	-	7/16 5/35	10/20 10/69

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MONTANA (continued)																			
24	1047				5	5.87	6.76	8.13	7.46	5.07	3			36	-	-	-	5/67	10/79
					6	12	13	13	13	13	7			****					
					****	****	****	****	****	****	****								
24	1470				5.23	6.38	8.33	7.31	4.59					-	-	31.84	-	5/56	9/79
					23	24	24	24	24	24									
					14	21	10	10	31										
24	2409				5.29	5.62	6.64	5.63	3.70	3				30	-	-	-	8/50	9/79
					22	27	28	30	30	5				****					
					16	14	6	8	21	****									
24	3110				5.05	7.27	7.95	9.94	9.17	5.58				-	-	44.96	-	4/48	9/79
					22	28	30	31	31	31									
					****	37	26	21	23	32									
24	3175				7.47	7.70	9.61	9.28	6.73	4.41				-	-	45.20	-	5/35	9/56
					14	22	22	22	22	15									
					****	****	****	****	****	****									
24	3176				7.49	8.68	10.67	9.86	5.88	3.56				46.14	-	-	-	5/56	9/79
					23	23	23	23	23	21				7					
					17	18	14	13	17	16									
24	4328				5.07	5.82	7.98	6.77	3.48	2				31	-	-	-	8/48	9/79
					31	31	32	31	31	9				****					
					19	13	12	20	23	****									
24	4345				5.25	6.88	7.15	8.64	7.84	4.79				-	-	40.55	-	8/48	10/79
					24	26	28	28	28	28									
					19	14	18	13	11	14									
24	5337				7.10	7.82	8.73	7.55	4.61	2.75				38.56	-	-	-	5/26	10/70
					45	45	45	45	45	41				10					
					11	17	16	15	19	11									
24	5761				5	6.97	7.79	10.44	9.95	6.51				-	-	47	-	4/48	9/79
					9	26	27	27	27	27									
					****	19	20	14	14	22									
24	7150				6.24	5.89	8.34	7.18	4.83					-	-	32.48	-	5/35	8/48
					14	14	14	14	14										
					****	****	****	****	****	****									

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<u>MONTANA (continued)</u>																			
24	7560				4.14 12 ***	6.21 22 14	6.89 22 19	7.72 22 9	6.64 23 9	3.94 23 20	2.62 22 ***			34.02 ***	-	-	-	5/57	10/79
24	8165					8.00 13 ***	8.85 22 26	10.75 22 14	9.51 23 15	5.72 19 20	4 5 ***			47 ***	-	-	-	8/50	8/74
24	8233				5 6 ***	6.46 21 14	7.02 23 18	8.63 23 15	7.99 23 13	4.78 23 23	4 5 ***			39 ***	-	-	-	4/53	9/75
24	8501					6.79 33 ***	7.05 45 22	8.48 46 21	7.87 47 16	6.47 46 26	3.47 10 ***			40.13 ***	-	-	-	7/16	8/78
24	8783					6 5 ***	7 9 ***	7.99 12 ***	6.78 13 ***	4.27 12 ***				-	-	32	-	4/66	10/79
24	9240					8.36 13 ***	8.49 18 ***	10.56 18 ***	9.67 18 ***	6.37 11 ***	5.15 11 ***			48.60 ***	-	-	-	8/48	9/79
<u>NEBRASKA</u>																			
25	1045				6 8 ***	8.36 31 13	9.25 32 20	11.04 32 14	9.98 32 8	7.47 32 14	5.36 19 ***			51.46 ***	-	-	-	6/48	9/79
25	1145				5.18 41 17	6.81 48 15	8.02 48 13	9.19 48 11	8.08 48 9	5.78 44 11	3.69 19 19			41.57 8	-	-	-	5/31	9/78
25	2741				7.49 26 13	8.11 28 18	9.99 28 18	11.36 28 14	10.09 28 11	7.55 29 16	5.03 29 21			52.13 10	-	-	-	9/51	10/79
25	3165				5 5 ***	7.51 17 ***	8.45 17 ***	9.71 17 ***	8.37 17 ***	5.84 14 ***	4.54 14 ***			44.42 ***	-	-	-	5/61	9/78
25	3395					8.49 17 ***	10.73 16 ***	11.14 15 ***	9.56 17 ***	6.75 17 ***				-	-	46.67	-	4/63	9/79

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NEBRASKA (continued)																			
25	3595	Harlan Co Lake (or Dam) 40° 05', 99° 12'			6.62 13 13	8.64 31 18	10.15 30 18	11.26 30 14	10.10 31 15	7.62 31 22	5.57 28 22			53.34 13	-	-	-	5/49	10/79
25	3911	Holdredge 1 E 40° 26', 99° 20'				6.96 10 15	7.75 11 14	8.22 13 12	7.32 14 16	5.46 12 10				-	-	35.71	-	7/57	9/70
25	4455	Kingsley Dam 42° 13', 101° 39'				6.91 35 14	8.21 40 18	9.77 40 11	8.52 41 8	5.91 41 12	4.03 33 ***			43.35 ***	-	-	-	8/38	10/79
25	4790	Lincoln Agron Farm 40° 51', 96° 37'			5.06 41 ***	6.93 48 20	8.39 48 18	9.96 50 19	8.40 51 14	6.44 50 15	4.33 46 35			43.82 12	-	-	-	4/17	9/68
25	5362	Mead Agronomy Lab 41° 10', 96° 25'				7.65 10 ***	9.19 10 ***	9.62 10 ***	7.93 10 ***	5 9 ***				-	-	40	-	4/69	9/78
25	5388	Medicine Creek Dam 40° 23', 100° 13'			7.08 26 17	8.58 28 17	10.35 28 18	11.45 28 11	10.18 28 11	7.72 26 21	5.37 26 26			53.65 11	-	-	-	10/51	10/79
25	5590	Mitchell 5 E 41° 57', 103° 41'			6.54 10 ***	6.74 28 16	8.52 29 10	9.08 31 10	7.30 31 7	5.45 30 13	5 6 ***			42 ***	-	-	-	4/49	9/79
25	6018	Northeastern Nebr Exp Sta 42° 43', 96° 57'				8.47 13 ***	9.54 13 ***	10.28 13 ***	8.02 13 ***	6.16 14 ***				-	-	42.47	-	5/63	9/79
25	6075	North Platte Exp Farm 41° 04', 100° 45'			6.28 24 19	9.30 28 16	9.42 30 15	11.22 30 15	9.93 30 10	7.40 30 18	6.53 14 ***			53.80 ***	-	-	-	5/49	10/79
25	6260	Omaha (North) WSP0 41° 22', 96° 01'				7.80 20 14	8.82 22 10	8.70 22 10	7.94 22 7	5.75 23 13	4.81 17 13			43.82 3	-	-	-	6/58	9/79
25	7110	Red Willow 40° 21', 100° 39'			7.29 17 ***	8.82 18 ***	10.35 18 ***	11.49 18 ***	10.16 17 ***	7.38 17 ***	5.55 14 ***			53.75 ***	-	-	-	4/62	7/79

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NEBRASKA (continued)																			
25	7330				7.59 14 ***	9.39 19 16	10.31 20 17	11.47 20 13	10.72 20 16	8.19 20 29	6.20 20 25			56.28 13	-	-	-	6/48	10/67
25	8628				7.17 22 17	8.74 25 18	10.49 25 21	12.06 26 12	10.98 26 13	8.01 26 22	5.46 24 23			55.74 13	-	-	-	5/54	10/79
25	8755					6.83 27 16	7.69 30 13	8.67 30 11	7.74 29 8	5.94 25 16	4.51 12 ***			41.38 ***	-	-	-	6/48	8/79
NEVADA																			
26	1071				3.44 40 15	4.43 39 18	7.49 40 11	10.77 42 10	13.87 41 8	16.26 42 8	16.14 41 8	14.07 43 7	11.42 42 10	7.75 41 15	4.59 39 16	3.30 35 16	113.53 ***	1/49	12/79
26	1630					6 8 ***	9 11 ***	10.75 11 ***	12.25 9 ***	8.61 10 ***	5.11 10 ***			79.51 57 ***	34.02 -	-	-	4/56	10/79
26	2780				4.21 13 ***	5.75 15 ***	7.34 16 ***	8.52 16 ***	9.21 16 ***	7.86 16 ***	5.49 16 ***	3.75 15 ***	2.99 13 ***	42.17 ***	-	-	-	3/50	11/79
26	4349				8 5 ***	9.78 15 ***	11.56 23 15	13.96 23 7	12.37 23 11	8.07 23 8	4.85 11 ***			60.59 ***	-	-	-	4/48	5/74
26	4395				5 7 ***	6.29 24 ***	7.45 24 ***	9.78 24 ***	8.92 24 ***	6.40 24 ***	3.83 24 ***			42.67 ***	-	-	-	7/16	8/47
26	7123					7.78 10 ***	9.65 14 ***	10.94 15 ***	9.77 15 ***	5.97 16 ***	4 9 ***			48 ***	-	-	-	5/49	9/79
26	7192					8.55 25 ***	9.95 27 ***	12.80 27 ***	11.30 28 ***	8.12 24 ***	4.90 17 ***			55.62 ***	-	-	-	7/40	10/79
26	7463				10 7 ***	11 8 ***	18.21 10 ***	17.72 8 ***	16 9 ***	12 9 ***	7 8 ***	3 6 ***		82 ***	-	-	-	3/68	11/79

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														***	***	***	***	Mo/Yr	Mo/Yr
<u>NEVADA (continued)</u>																			
26	8970				7	9.85	10.99	12.96	11.95	8.86	6.11			59.65	-	-	-	7/57	7/70
					5	12	16	18	18	16	16			****					
					****	8	17	10	15	11	9								
<u>NEW HAMPSHIRE</u>																			
27	4480					5.08	5.85	6.58	5.73	3.93	2.74			29.91	-	-	-	5/52	10/79
					20	25	25	25	25	25	17			****					
					****	12	10	7	7	7	17								
27	5211				3	4.40	5.06	5.58	4.51	2.94	1.94	1		24.43	-	-	-	5/42	11/55
					7	14	15	16	16	16	15	5		****					
					****	****	****	****	****	****	****	****							
<u>NEW JERSEY</u>																			
28	1335					4.78	4.92	5.52	4.65	3.38	2.19			25.44	-	-	-	4/31	9/79
					40	44	44	44	44	43	37			9					
					18	12	20	20	13	17	12								
28	6055					5.81	6.51	8.33	7.14	4.54	3.04			35.37	-	-	-	6/68	10/79
					11	12	12	12	12	12	11			****					
					****	****	****	****	****	****	****								
28	7131				4.15	5.63	5.85	6.58	5.67	4.01	2.68	1.95		30.42	-	-	-	4/37	6/58
					13	21	22	21	21	21	21	14		****					
					****	****	****	****	****	****	****	****							
28	7825					5.09	5.21	5.64	5.07	4.12	2.62	2		27.75	-	-	-	5/35	11/48
					14	14	14	14	14	14	14	5		****					
					****	****	****	****	****	****	****	****							
<u>NEW MEXICO</u>																			
29	0041				7.83	10.21	11.83	10.79	9.50	7.59	5.66			55.58	-	-	-	4/64	12/79
					13	16	16	16	16	16	16			****					
					****	****	****	****	****	****	****								
29	0131				3.01	4.44	7.69	10.01	11.75	10.27	8.36	6.17	3.89	61.51	31.77	-	93.28	10/18	12/48
					36	36	36	36	36	36	36	37	37	****	****		****		
					****	****	****	****	****	****	****	****	****	****	****		****		

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
NEW MEXICO (continued)																			
29	0205	3.82 24 ***	4.66 31 ***	8.51 31 ***	11.12 35 ***	13.18 36 ***	14.95 36 ***	14.25 36 ***	12.38 36 ***	10.14 36 ***	7.35 36 ***	4.87 31 ***	3.79 26 ***	72.25 8 ***	36.77 8 ***	-	109.02 ***	1/39	11/73
29	0417			10.98 12 ***	14.38 10 ***	14.40 11 ***	12.87 12 ***	11.19 12 ***	8.62 13 ***	6.77 10 ***				68.23 ***	-	-	-	1/67	11/79
29	0992	2.92 17 35	4.34 23 20	7.28 24 18	10.14 24 8	11.73 24 10	12.94 21 10	12.37 25 15	10.83 24 8	8.46 22 14	6.20 22 19	3.63 20 17	2.72 18 26	62.53 6 ***	31.03 6 ***	-	93.56 ***	1/51	10/79
29	1138	3.57 12 ***	3.52 16 ***	7.79 16 ***	10.38 14 5	11.38 16 6	13.41 17 3	11.48 18 6	10.52 17 12	8.12 17 13	6.56 17 13	3.31 17 13	2.84 14 ***	61.47 5 ***	31.65 5 ***	-	93.39 ***	1/49	10/73
29	1886	4.45 32 24	5.41 34 15	9.05 37 16	12.20 36 7	14.23 36 8	16.19 36 7	13.66 37 8	12.00 37 10	9.75 37 16	7.28 37 16	4.92 33 24	3.51 33 24	73.11 6 ***	39.54 7 ***	-	112.65 6 ***	3/42	10/79
29	1454				9.73 12 ***	10.90 14 ***	10.24 13 ***	9.41 12 ***	8.22 12 ***					-	-	48.50	-	5/63	9/79
29	1963		4.07 14 23	6.94 24 26	9.10 28 12	10.56 28 16	11.83 28 14	11.56 28 17	9.87 28 15	8.09 29 22	6.19 29 15	4.43 27 23	3.73 12 24	56.39 12 ***	-	-	-	4/51	11/79
29	2700				7.55 25 ***	8.25 32 ***	7.62 35 ***	6.74 36 12	5.76 33 17					-	-	35.92	-	8/34	9/79
29	2837				8.06 32 15	9.36 38 10	8.89 39 12	7.38 39 18	6.29 39 18	4.68 22 25	4.38 13 ***			44.66 ***	-	-	-	7/36	10/75
29	2848	3.28 63 25	4.85 63 16	8.53 63 17	11.75 63 8	14.45 64 9	16.17 64 6	13.64 63 8	11.63 64 10	9.72 64 18	7.70 64 14	4.75 63 18	3.21 62 17	73.31 6 ***	36.37 8 ***		109.68 6 ***	4/16	12/79
29	3060				9.00 10 ***	8.97 12 ***	8.29 12 ***	7.40 11 ***	5.90 12 ***					-	-	39.56	-	5/66	9/79

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
NEW MEXICO (continued)																				
29	3134	Farmington 4 NE 36° 45', 108° 10'				7.33 12 ****	8.37 17 9	10.42 19 11	10.01 18 9	8.89 18 13	6.62 18 10				-	-	51.64	-	3/49	9/79
29	3225	Florida 32° 36', 107° 29'	3.84 21 ****	4.79 35 ****	8.02 35 ****	10.93 38 ****	13.07 36 ****	14.86 36 ****	11.91 37 ****	10.29 38 ****	8.63 38 ****	6.80 38 ****	4.45 34 ****	4.07 28 ****	65.56 ****	36.10 ****	-	101.66 ****	10/38	9/79
29	4426	Jornada Exp Range 32° 37', 106° 44'	3.00 23 37	4.35 24 28	7.38 26 19	10.23 27 14	12.12 27 9	13.32 26 14	10.88 27 26	9.87 26 11	7.89 25 11	5.94 25 19	3.75 24 31	2.72 21 44	60.02 10	31.43 21	-	91.45 14	1/53	8/79
29	4736	Lake Avalon 32° 29', 104° 15'	4.77 20 29	5.78 25 15	9.46 26 18	12.49 26 13	14.47 26 9	15.76 26 11	14.50 26 14	12.57 25 10	9.38 26 12	7.71 26 18	5.45 23 20	4.42 18 20	73.62 8	42.21 ***	-	115.83 ***	12/51	10/78
29	5150	Los Lunas 34° 46', 106° 45'				8.24 17 ****	9.95 17 ****	10.98 16 ****	10.38 17 ****	9.18 17 ****	6.66 16 ****	4.68 16 ****			51.83 ****	-	-	-	3/62	11/79
29	6061	Navajo Dam 36° 49', 107° 37'				7.32 20 ****	10.42 23 ****	11.81 22 ****	11.76 23 ****	10.01 24 ****	7.45 23 ****	5.40 24 ****			56.85 ****	-	-	-	8/36	10/79
29	7014	Portales 7 WNW 34° 11', 103° 21'	3.36 23 ****	4.30 24 ****	8.04 26 ****	9.20 27 ****	10.66 27 ****	12.57 27 ****	11.82 27 ****	10.90 27 ****	8.42 26 ****	6.24 25 ****	4.58 25 ****	3.40 24 ****	60.61 ****	32.88 ****	-	93.49 ****	4/34	8/60
29	7609	Roswell 33° 18', 104° 32'	2.79 10 ****	4 9 ****	6 9 ****	8.25 10 ****	10.61 10 ****	11.01 10 ****	9.60 10 ****	8.67 10 ****	6.58 10 ****	3.84 10 ****	2.93 10 ****		48.31 ****	-	-	-	2/40	1/51
29	8072	Santa Fe 35° 40', 105° 55'	1.49 17 ****	2.13 17 ****	3.91 18 ****	6.39 19 ****	8.98 30 ****	10.75 36 ****	9.52 36 9	8.09 36 17	6.97 37 16	4.89 36 21	2.51 20 ****	1.39 17 ****	49.20 ****	17.82 ****	-	67.02 ****	6/16	11/55
29	8535	State University 32° 17', 106° 45'	3.03 24 19	4.29 4 8	7.48 24 13	10.14 24 4	12.44 24 7	13.42 24 5	12.04 24 8	10.56 24 9	8.13 24 10	6.14 24 12	3.78 24 15	2.76 19 19	62.73 4	31.48 7	-	94.21 4	1/56	12/79
29	9156	Tucumcari 3 NE 35° 12', 103° 41'				10.55 21 ****	12.21 22 ****	13.28 22 ****	16.91 22 ****	11.23 22 ****	8.92 22 ****				-	-	73.10	-	4/56	9/79

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*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
NEW MEXICO (continued)																			
29	9284			8.22 10 ****	8 9 ****	10.66 11 ****	10.76 14 ****	11.01 14 ****	9.60 15 ****	7.12 14 ****	6.25 14 ****	4.93 10 ****		55.40 ****	-	-	-	2/65	11/79
NEW YORK																			
30	0331					5.26 22 13	6.36 21 8	6.98 21 13	5.78 21 11	4.04 21 13	2.79 20 20			31.21 8	-	-	-	5/57	5/78
30	0785					5.23 22 11	5.92 24 13	6.47 24 16	5.36 24 11	3.40 8 21	2.69 22 21			29.07 9	-	-	-	5/50	10/73
30	1185					5.83 14 ****	7.33 16 ****	6.93 17 ****	5.57 17 ****	3.65 17 ****	2.65 13 ****			31.96 ****	-	-	-	7/62	9/79
30	2169					4.66 21 18	5.09 20 12	5.51 20 14	4.88 21 9	3.32 21 12	2.15 20 20			25.61 9	-	-	-	5/59	10/79
30	3184					5.59 8 ****	6.70 16 ****	7.60 15 ****	6.03 15 ****	4.10 15 ****	2.73 14 ****			32.75 ****	-	-	-	5/61	10/79
30	3464					5 8 ****	5.50 14 ****	6.18 15 ****	5.20 16 ****	3.95 13 ****	3.30 12 ****			29 ****	-	-	-	6/59	10/79
30	4849					4.77 7 ****	5.87 19 ****	6.42 19 ****	5.40 19 ****	3.68 19 ****	2.35 18 ****			25.62 ****	-	-	-	6/61	10/79
30	5377					4.82 12 ****	7.19 12 ****	8.00 12 ****	6.73 12 ****	5.32 11 ****	3.74 12 ****	2 8 ****		37.29 ****	-	-	-	4/56	10/67
30	5604					5.09 21 15	5.90 21 9	6.35 21 12	5.49 21 10	3.83 21 13	2.55 21 16			29.21 7	-	-	-	5/57	10/77
30	5801					4.11 7 ****	5.06 15 ****	6.02 14 ****	5.88 14 ****	4 9 ****	3.01 15 ****	2 6 ****		32 ****	-	-	-	4/44	10/58

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TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
NEW YORK (continued)																			
30	None					5.05 24 ****	5.57 24 ****	6.16 24 ****	5.20 25 ****	3.52 25 ****	2.30 25 ****			27.80 ****	-	-	-	8/17	10/41
NORTH CAROLINA																			
31	1564				3.58 10 ****	3.86 12 ****	4.08 12 ****	4.14 13 ****	3.94 13 ****	2.88 12 ****	2.39 11 ****			21.39 ****	-	-	-	4/66	10/79
31	1677	1.55 25 ****	1.84 26 ****	3.58 49 ****	4.85 56 ****	5.60 57 ****	6.14 58 ****	6.20 58 ****	5.64 57 ****	4.48 57 ****	3.15 54 ****	1.99 54 ****	1.43 30 ****	31.21 7 ****	15.24 7 ****	-	46.45 ****	4/21	10/79
31	5177	2.52 10 ****	2.78 13 ****	4.83 15 ****	6.65 16 ****	7.23 17 ****	7.42 17 ****	7.63 17 ****	6.86 17 ****	5.23 18 ****	4.24 18 ****	2.77 18 ****	1.96 12 ****	38.61 ****	21.51 ****	-	60.12 ****	1/62	11/79
31	5420	1.81 20 12	2.57 25 11	3.97 30 13	5.65 30 6	6.55 30 8	6.54 29 9	6.88 29 8	6.16 29 12	4.54 30 10	3.35 30 11	2.24 30 10	1.58 25 19	34.02 5 19	17.82 3 12	-	51.84 ****	1/50	12/79
31	6001	1.09 35 30	1.46 38 20	2.90 41 19	4.19 42 14	5.16 42 11	5.57 41 10	5.07 42 9	5.05 41 10	3.87 41 12	2.77 41 17	1.60 40 15	1.02 36 26	27.49 6 12	12.26 12 12	-	39.75 5	12/34	7/76
31	9555				5 9 ****	5.42 15 ****	5.91 15 ****	5.91 15 ****	5.53 15 ****	4.19 15 ****	3.21 13 ****	2 5 ****		30.17 ****	-	-	-	5/65	10/79
NORTH DAKOTA																			
32	1362					8.15 10 ****	8.46 13 ****	8.70 13 ****	8.20 12 ****	6.15 13 ****	4 6 ****			43 ****	-	-	-	5/67	9/79
32	2158				3.57 13 ****	6.08 16 17	6.00 19 19	6.94 18 11	6.17 18 15	3.96 19 22	3 5 ****			32 ****	-	-	-	5/51	10/70
32	2482				4.35 12 ****	6.66 19 13	6.98 19 16	7.78 19 8	7.55 18 16	3.88 17 13				-	-	37.20	-	9/50	7/69

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TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
NORTH DAKOTA (continued)																			
32	2859	Fargo WSO AP 46° 54', 96° 48'				7.25 14 ****	7.73 16 ****	8.87 15 ****	7.76 16 ****	5.36 15 ****	4 9 ****			41 ****	-	-	-	4/53	9/79
32	7585	Riverdale 47° 30', 101° 21'		6 7 ****	7.81 30 ****	9.09 31 ****	8.69 31 ****	6.03 30 ****	4.15 15 ****					43.08 ****	-	-	-	7/49	9/79
32	9430	Williston 48° 08', 103° 45'			7.02 22 ****	7.89 23 ****	9.34 23 ****	5.68 23 ****	4 5 ****					43 ****	-	-	-	8/56	9/79
OHIO																			
33	1466	Charles Mill Lake (or Dam) 40° 44', 82° 22'			3.59 39 19	4.98 41 16	5.90 41 9	6.21 41 10	5.48 41 8	4.01 41 12	2.65 41 17			29.23 7	-	-	-	4/39	10/79
33	1782	Columbus University Farm 40° 00', 83° 03'			5 8 ****	5.69 13 15	6.83 14 11	7.27 13 15	6.23 14 11	4.76 13 34	3.29 12 27			34.07 11	-	-	-	4/58	10/70
33	1788	Columbus (Ohio State Univ) 40° 00', 83° 00'			3.33 35 35	4.45 36 36	5.29 37 ****	5.66 38 ****	4.79 38 ****	3.53 37 ****	2.14 38 ****			25.86 ****	-	-	-	6/18	11/55
33	1905	Coshocton Agric Rach Station 40° 22', 81° 48'			4.99 13 ****	6.01 23 ****	6.71 24 ****	7.05 23 ****	6.21 24 ****	4.72 21 ****	3.59 20 ****			34.29 ****	-	-	-	4/56	9/79
33	2067	Dayton 39° 45', 84° 10'			4.04 32 18	5.65 31 15	6.77 32 7	7.06 32 11	6.20 32 10	4.63 32 9	2.86 32 16			33.17 6	-	-	-	4/37	10/69
33	2090	Deer Creek 39° 30', 83° 13'			5 7 ****	6 9 ****	7 9 ****	6.63 10 ****	6 9 ****	3.67 10 ****	3 10 ****			32 ****	-	-	-	6/70	11/79
33	7559	Senecaville Lake (or Dam) 39° 55', 81° 26'			4.35 34 20	5.52 38 14	6.32 38 10	6.35 39 24	5.73 39 7	4.30 37 15	2.99 38 38			31.21 8	-	-	-	4/39	10/79
33	8378	Tom Jenkins Lake 39° 33', 82° 04'			4 9 ****	5.08 26 12	5.39 26 9	5.45 27 11	4.72 27 10	3.61 27 11	2.52 26 15	1 7 ****		26.77 6	-	-	-	7/53	11/79

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TABLE 1 -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
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State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
OHIO (continued)																			
33	9312				4.03	5.23	6.31	6.80	5.81	4.35	2.71			31.21	-	-	-	7/16	10/79
					36	48	48	49	51	50				8					
					19	17	10	12	10	12	21								
OKLAHOMA																			
34	0184		3.89	5.73	8.23	9.71	11.43	12.29	11.48	8.14	6.47	4.65	4	59.52	-	-	-	3/48	10/79
			12	24	30	28	31	30	30	26	24	14	9	****					
			****	****	21	10	18	15	11	****	****	****	****	****					
34	0394				7.75	7.60	8.78	10.53	9.82	6.98	5.67	3.92		49.38	-	-	-	6/63	11/79
					12	16	17	17	17	16	16	15		****					
					****	****	****	****	****	****	****	****	****	****					
34	1168		3	4.79	6.15	7.12	8.12	8.92	8.40	5.91	4.66	2.95	2.01	43.13	-	-	-	9/64	10/79
			9	13	15	15	15	14	15	16	15	13	11	****					
			****	****	****	****	****	****	****	****	****	****	****	****					
34	1445		3	4.00	6.71	7.96	8.40	9.98	11.53	10.93	8.23	6.06	4.03	55.13	27.75	-	82.88	3/48	7/79
			6	10	22	29	32	32	31	31	30	23	12	17	****				
			****	****	31	15	19	13	18	21	33	20	30						
34	1750					9.38	11.27	11.79	10.33	7.45	5.56	4		55.78	-	-	-	6/53	10/79
						21	25	26	26	14	19	16	13	9					
						18	13	16	14	19	16	13							
34	3286		2.00	2.87	4.73	6.43	7.14	8.60	9.25	8.77	6.51	5.06	3.26	44.27	21.52	-	65.79	3/48	7/79
			21	26	30	32	32	32	32	31	31	30	24						
			23	16	26	14	15	7	11	13	19	15	16	8	11		8		
34	3304		3	6	6.87	9.26	9.92	11.99	12.77	11.87	9.01	6.58	4.36	62.14	32	-	94	7/40	12/79
			6	8	18	31	39	39	40	40	39	23	11	12	****		****		
			****	****	34	17	13	13	28	15	24	25	22						
34	3628				10	11.51	13.33	14.46	12.07	9.42	7.33			68.12	-	-	-	4/48	9/79
					9	24	29	31	31	30	20			****					
					****	20	16	15	14	20	25								
34	3700			5.21	6.98	7.33	8.94	9.63	9.22	6.84	5.05	3.29	2.00	47.01	-	-	-	4/41	11/77
				12	25	30	34	35	36	35	36	16	10						
				****	18	22	13	13	22	29	17	****	****	****					
34	3740			6.26	7.38	9.06	11.52	13.05	11.80	8.45	6.42	3.93		67.68	-	-	-	3/48	10/79
				12	24	29	29	30	30	31	30	14		****					
				****	****	16	18	20	14	20	22	****	****						

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State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
OKLAHOMA (continued)																			
34	4098	Heyburn Dam 35° 57', 96° 17'	5.13 11 ****	6.90 12 ****	6.57 13 ****	8.05 14 ****	8.94 15 ****	8.26 16 ****	6.57 17 ****	4.86 18 ****	2.99 19 ****	2 20 6	43.25 21 ****	-	-	-	-	4/49	11/64
34	4812	Keystone Dam 36° 09', 96° 15'	5 9 ****	6.73 18 ****	6.83 17 ****	8.77 20 ****	9.77 21 ****	8.89 22 ****	6.16 23 ****	5.04 24 ****	3.27 25 ****	45.46 26 ****	-	-	-	-	-	9/59	10/79
34	4978	Lake Overholser 35° 29', 97° 40'	6.15 20 17	7.60 23 23	8.60 24 15	9.45 25 15	8.71 26 17	6.44 27 24	4.67 28 16	-	-	-	45.47 29 11	-	-	-	-	4/52	8/79
34	6391	Norman University 35° 13', 97° 26'	5.19 12 ****	5.90 18 ****	6.57 19 ****	9.03 20 ****	9.15 21 ****	8.70 22 ****	6.81 23 ****	4.72 24 ****	2.69 25 ****	-	44.98 26 ****	-	-	-	-	5/37	6/56
34	6729	Oologah Dam 36° 26', 95° 41'	3 8 ****	5.52 15 33	7.06 22 29	8.22 23 17	9.04 24 15	11.57 25 14	10.30 26 16	7.00 27 14	5.52 28 20	3.26 29 26	2 30 8	51.65 31 10	-	-	-	8/56	8/79
34	8501	Stillwater 2 W 36° 07', 97° 05'	7.78 14 ****	8.13 24 18	11.20 27 21	10.00 28 12	7.68 29 17	5.93 30 12	4 31 16	-	-	-	52.74 32 11	-	-	-	-	6/48	10/79
34	8769	Tenkiller Ferry Dam 35° 36', 95° 03'	4.72 22 27	5.92 30 13	6.51 31 11	7.64 32 8	8.79 33 10	8.33 34 16	6.04 35 21	4.51 36 21	2.91 37 19	1.68 38 15	41.82 39 9	-	-	-	-	4/49	6/79
34	8879	Tipton 4 S 34° 26', 99° 08'	3 7 ****	4.14 10 ****	10.01 19 31	12.35 20 40	13.12 21 41	11.80 22 41	8.84 23 40	6.50 24 22	3.94 25 26	3.33 26 40	62.62 27 11	29.46 28 ****	-	-	92.08 29 ****	7/38	10/78
34	9724	Wister Dam 34° 36', 94° 43'	2.52 11 ****	2.65 19 ****	6.38 26 14	7.78 27 13	8.46 28 9	7.67 29 13	5.79 30 15	4.35 31 18	2.93 32 18	2.27 33 ****	40.43 34 9	20.99 35 ****	-	-	61.42 36 ****	1/48	6/79
34	9762	Woodward Field Station 36° 25', 99° 24'	6.75 30 18	7.78 31 18	9.40 32 14	10.74 33 14	9.63 34 25	7.09 35 14	-	-	-	-	-	-	-	51.39	-	4/48	6/79
OREGON																			
35	0318	Astor Exp Station 46° 09', 123° 49'	1 6 ****	1.05 11 ****	3.92 12 ****	4.10 13 ****	4.75 14 ****	4.32 15 ****	3.11 16 ****	1.76 17 ****	1 18 9	21.96 19 ****	8 20 ****	-	-	-	30 21 ****	1/49	10/73

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OREGON (continued)																			
35	1862				3.10	4.51	5.50	7.34	6.55	4.36	2.11			30.37	-	-	-	10/17	11/79
					57	57	59	59	59	59	26			10					
					18	19	17	11	14	15	28								
35	1902			2.23	3.08	4.85	5.82	7.98	6.86	4.59	2.22			32.22	-	-	-	8/43	8/78
				14	15	30	35	35	35	34	27			10					
				****	****	****	****	****	****	****	****								
35	2292			1.95	2.70	4.67	6.20	8.26	6.79	4.44	2.20	1.80		32.56	-	-	-	1/56	10/79
				10	16	24	24	24	24	24	24	10		12					
				****	****	****	****	****	****	****	****	****							
35	2374			2.68	3.56	5.54	7.06	7.72	6.08	3.88	2.20			33.84	-	-	-	5/50	8/78
				15	27	29	29	29	29	28	22	10		10					
				****	****	****	****	****	****	****	****	****							
35	2867		0.36	0.90	2.02	3.13	5.10	6.18	8.29	7.07	4.81	2.12	1.14	0.37	33.57	7.92	-	8/43	11/79
			11	18	23	28	36	36	36	36	28	16	10	****	11	****	41.49		
			****	****	****	****	****	****	****	****	****	****	****				****		
35	5050			2.81	3.48	5.04	6.25	8.07	7.27	4.87	2.59			34.09	-	-	-	5/56	10/79
				11	14	24	24	24	24	24	24			12					
				****	****	****	****	****	****	****	****								
35	5160			5.18	7.03	8.42	10.79	8.99	5.58	2.52				43.33	-	-	-	4/49	10/79
				26	31	31	31	31	31	31	31			13					
				18	21	18	14	16	14	14	24								
35	5162					8.77	10.81	9.53	6.39					-	-	35.50	-	5/61	9/79
						14	13	14	11										
						14	****	10	****										
35	5424		0.63	1.07	2.36	3.77	5.62	6.91	8.71	7.22	4.54	1.98	0.78	0.56	34.98	9.17	-	44.15	10/79
			15	32	32	42	42	42	42	42	43	34	26	****	5	****	****		
			32	23	17	17	11	13	9	8	6	22	30	****					
35	5734				5.20	7.69	9.93	12.67	11.26	6.93	3.60			52.08	-	-	-	4/57	10/79
						22	22	22	22	22	21			8					
						18	17	7	8	16	13	18							
35	6151		1	1.44	2.65	3.49	5.75	6.68	8.16	7.19	5.07	2.63	1.14	1	35.48	11	-	46	11/79
			5	10	12	15	16	15	16	16	16	10	7	****	****	****	****		
			****	****	****	****	****	****	****	****	****	****	****						

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OREGON (continued)																			
35	6532				4.71	6.79	8.41	10.21	8.31	5.39	2.59			41.70	-	-	-	6/57	5/74
					16	16	16	15	15	16	15								
					14	12	11	8	11	8	13			4					
35	8173					7.49	8.87	11.21	9.71	6.58	3.48			47.34	-	-	-	5/61	10/79
						19	19	19	19	19	19			7					
						15	12	10	12	8	15								
35	9046				5.23	7.63	8.94	12.15	10.66	6.82	3.69			49.89	-	-	-	5/27	9/74
					29	47	48	47	48	47	16			****					
					****	17	14	9	12	12	****								
35	9316				4	5.66	6.79	8.54	7.05	4.88	2.55			35.47	-	-	-	5/41	10/79
					5	39	39	39	39	39	18			****					
					****	12	12	10	13	10	****								
PENNSYLVANIA																			
36	530					7	7.15	7.55	6.28	4.84	3			36	-	-	-	6/56	9/73
						9	10	11	12	11	5			****					
						****	8	11	11	11	****								
36	1705				3.74	4.80	5.43	5.53	4.63	3.47	1.37			25.23	-	-	-	4/49	9/79
					30	31	31	31	31	30	26			6					
					12	13	8	12	9	12	13								
36	2942					4.89	5.32	5.85	4.90	3.56	2.29			26.81	-	-	-	5/49	10/79
						30	31	31	31	31	30			6					
						13	9	13	9	14	13								
36	3018					5.58	5.85	6.37	5.30	3.84				-	-	26.94	-	5/63	9/79
						16	17	17	17	17									
						****	****	****	****	****	****								
36	4325				4.29	4.58	5.58	4.70	3.17	2.34				-	-	24.66	-	5/42	9/79
					23	37	37	37	39	18									
					14	8	11	12	10	24									
36	4778					5.74	6.61	7.17	5.91	4.31	2.89			32.63	-	-	-	5/52	10/79
						19	25	27	28	28	20			5					
						14	8	11	12	10	24								

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State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
<u>RHODE ISLAND</u>																			
37	4266	Kingston 41° 29', 71° 32'	2.37 12	2.80 13	4.44 16	6.02 16	6.53 16	7.00 16	5.67 23	4.95 23	3.73 23	2.84 22		27.43 6	-	-	-	4/57	10/79
<u>SOUTH CAROLINA</u>																			
38	764	Blackville 33° 22', 81° 19'	2.37 12	2.80 13	4.44 16	6.02 16	6.53 16	7.00 16	5.67 23	4.95 23	3.73 23	2.84 22	4.03 17	35.57 15	20.63 17	-	56.20 ****	10/63	12/79
38	1544	Charleston City 32° 54', 80° 02'	2.58 17	3.22 19	5.27 21	6.54 21	7.20 21	7.24 21	7.54 21	6.59 19	5.38 20	4.58 21	3.22 21	38.53 17	23.28 21	-	61.81 5	2/59	12/79
38	1726	Clark Hill Dam 33° 40', 82° 11'	1.90 22	2.37 24	3.79 27	5.36 27	6.30 26	7.08 27	6.97 27	6.53 26	5.04 26	3.83 26	2.48 26	35.75 21	17.77 16	-	53.52 5	8/52	11/79
38	1770	Clemson University 34° 41', 82° 49'	1.92 25	2.51 25	4.07 30	5.54 31	6.24 31	6.69 31	6.86 31	6.31 30	4.77 29	3.66 30	2.54 29	34.53 24	18.36 13	-	52.89 3	1/49	11/79
38	7113	Reinbow Lake 35° 07', 81° 58'	1.90 17	2.37 13	3.79 13	5.36 9	6.30 12	7.08 8	6.97 8	6.53 9	5.04 6	3.83 12	2.48 14	38.31 4	17.77 5	-	-	5/65	10/77
38	8786	Union 7 SW 34° 39', 81° 45'	1.68 13	2.17 15	3.58 15	5.25 15	6.28 14	6.62 14	6.94 15	6.40 15	4.71 15	3.42 15	2.07 15	34.37 13	16.25 13	-	50.62 ****	7/49	12/55
<u>SOUTH DAKOTA</u>																			
39	217	Angostura Dam 43° 21', 103° 26'	2.37 12	2.80 13	4.44 16	6.02 16	6.53 16	7.00 16	5.67 21	4.95 22	3.73 22	2.84 19	4.59 21	47.58 7	-	-	-	4/49	9/70
39	1076	Brookings 44° 19', 96° 46'	2.58 17	3.22 19	5.27 21	6.54 21	7.20 21	7.24 21	7.54 21	6.59 25	5.38 26	4.58 26	3.22 11	-	-	40.64	-	4/53	9/79
39	1972	Cottonwood 43° 58', 101° 52'	1.90 15	2.37 23	3.79 25	5.36 16	6.30 13	7.08 22	6.97 24	6.53 25	5.04 23	3.83 23	2.48 15	57.14 16	-	-	-	5/53	10/79

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SOUTH DAKOTA (continued)																			
39	5090	Madison Research Sta 44° 02', 97° 10'																	
		5.17	7.86	9.14	9.52	8.23	5.55	3.96	44.26	-	-	-	-	6/62	10/79				
		14	18	16	17	18	18	16	****	****	****	****	****	****	****	****	****	****	****
39	6054	Newell 2 NW 44° 43', 103° 25'																	
		5.12	7.04	7.86	10.06	9.75	6.48	5.06	46.25	-	-	-	-	4/49	10/75				
		22	25	25	25	25	25	13	****	****	****	****	****	****	****	****	****	****	****
		22	15	24	14	14	17	****	****	****	****	****	****	****	****	****	****	****	****
39	6170	Oahe Dam 44° 27', 100° 25'																	
		5.57	8.79	9.06	11.05	10.31	7.37	5.04	51.62	-	-	-	-	9/60	10/79				
		16	16	19	19	19	20	15	****	****	****	****	****	****	****	****	****	****	****
		****	****	14	12	14	16	****	****	****	****	****	****	****	****	****	****	****	****
39	6427	Pactola Dam 44° 04', 103° 29'																	
		4.35	5.83	6.49	5.43	4.23	2.72	29.05	-	-	-	-	-	4/55	9/79				
		22	23	24	24	23	13	9	****	****	****	****	****	****	****	****	****	****	****
		15	22	13	13	18	27	****	****	****	****	****	****	****	****	****	****	****	****
39	6574	Pickstown 43° 04', 98° 32'																	
		5.22	7.45	8.34	10.38	9.12	6.00	4.31	45.60	-	-	-	-	9/50	10/79				
		11	26	26	26	26	29	23	8	****	****	****	****	****	****	****	****	****	****
		****	15	17	10	8	18	29	****	****	****	****	****	****	****	****	****	****	****
39	7052	Redfield 6 E 44° 53', 98° 23'																	
		7.35	7.56	9.28	8.19	5.96	3.69	42.03	-	-	-	-	-	6/49	4/78				
		25	28	29	28	10	****	****	****	****	****	****	****	****	****	****	****	****	****
		16	17	15	10	17	****	****	****	****	****	****	****	****	****	****	****	****	****
39	7567	Shadehill Dam 45° 46', 102° 12'																	
		5.19	7.48	8.20	9.96	9.42	6.51	4.30	45.87	-	-	-	-	8/50	10/76				
		16	22	23	25	24	26	25	9	****	****	****	****	****	****	****	****	****	****
		18	16	15	15	13	18	26	****	****	****	****	****	****	****	****	****	****	****
39	7667	Sioux Falls WSO 43° 34', 96° 44'																	
		8.01	9.10	11.61	8.74	5.96	****	****	-	-	-	-	-	5/65	9/79				
		15	15	15	15	14	****	****	****	****	****	****	****	****	****	****	****	****	****
		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
TENNESSEE																			
40	1569	Center Hill Dam 36° 06', 85° 49'																	
		2.00	2.39	3.80	5.13	6.27	7.07	7.26	6.73	5.57	3.69	2.27	36.59	-	-	-	-	1/49	11/62
		10	11	13	21	22	22	22	22	22	22	22	7	****	****	****	****	****	****
		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
40	4561	Jackson Exp 35° 27', 88° 55'																	
		5.94	7.16	7.83	7.84	6.96	5.30	4.33	39.42	-	-	-	-	5/61	10/79				
		19	19	18	18	18	18	14	****	****	****	****	****	****	****	****	****	****	****
		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
40	4609	Jefferson City 36° 07', 83° 27'																	
		1.07	1.49	3.00	4.34	5.22	5.82	6.02	5.32	4.11	2.74	1.53	1.04	29.23	12.47	-	41.70	12/41	12/79
		27	28	37	38	38	38	38	38	38	38	36	29	5	12	5	5	5	5
		20	32	21	10	13	9	12	9	12	21	13	61	5	12	5	5	5	5

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TENNESSEE (continued)																			
40	4946				5.38	5.93	6.60	6.82	6.31	4.36				-	-	35.40	-	5/66	10/79
					12	13	12	13	13	14									
					****	****	****	****	****	****									
40	6454	2.11	3.26	4.69	5.57	6.36	6.66	5.92	3.41	3.27	2.04	1.42	31.19	-	-	-	-	10/36	11/48
		21	29	32	34	34	34	34	34	30	22			5					
		****	36	13	17	9	7	8	16	11	19	****							
40	6977	1.36	1.82	3.13	4.59	5.33	6.14	6.55	6.19	5.00	3.33	2.08	1.26	32.74	14.24	-	46.98	1/49	11/65
		15	16	17	17	17	17	17	17	17	17	17	16	10	11		9		
		35	25	39	7	8	12	15	14	28	14	14	18	31	-	-	-	9/62	7/72
					4.92	5.44	5.99	5.98	4	3.97				****					
					****	****	****	****	****	****									
TEXAS																			
41	428	2.90	3.62	5.43	6.30	7.29	8.79	9.84	9.76	7.11	5.69	3.67	2.81	49.09	24.73	-	73.82	4/16	12/79
		58	62	63	63	63	64	63	62	63	64	62	62	12	10		11		
		22	15	19	13	17	14	11	14	18	15	23	16						
41	498	2.86	3.81	6.55	8.26	9.04	10.16	9.77	9.03	6.93	5.23	3.73	2.87	50.16	28.08	-	78.24	2/40	12/55
		16	16	16	16	16	16	16	16	16	16	15	15	****	****		****		
		****	****	****	****	****	****	****	****	****	****	****	****						
41	639	3.36	3.66	5.13	5.93	6.84	7.75	8.47	8.18	6.30	5.43	4.17	3.57	42.97	25.82	-	68.79	1/49	12/79
		29	30	30	31	31	31	30	31	31	31	31	31	9	12		10		
		21	19	23	16	19	14	18	15	12	13	17	12						
41	665	2.86	3.68	5.70	6.40	7.46	9.35	10.84	10.25	7.61	5.60	3.52	2.84	51.11	25.00	-	76.11	7/53	12/79
		21	24	26	26	26	26	27	26	27	27	27	24	12	12		12		
		24	17	21	18	21	16	14	15	18	19	19	20						
41	691	2.82	4.03	6.56	7.50	8.63	10.73	12.56	11.53	8.56	6.55	4.09	3.17	58.56	28.17	-	86.73	7/53	11/79
		20	24	26	26	26	26	27	27	27	27	27	23	13	10		6		
		24	19	25	16	21	14	16	16	22	18	17	21						
41	2225	2.61	3.35	5.60	6.99	8.38	9.33	10.14	9.74	7.07	5.58	3.56	2.82	50.24	24.93	-	75.17	7/59	12/79
		17	19	20	20	20	20	21	20	20	21	21	21	6	5		4		
		17	11	17	11	11	13	13	13	10	12	15	19						
41	2394	2.71	3.53	5.86	7.15	7.88	9.90	10.88	10.26	7.22	5.63	3.92	2.61	51.77	25.78	-	77.55	10/40	12/79
		29	36	38	39	39	39	39	39	39	39	36	33	14	****		****		
		32	21	27	19	14	15	18	19	25	19	19	21						

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State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
TEXAS (continued)																				
41	2458	Dalley 28° 40', 99° 10'	2.93 49 21	3.74 51 23	6.26 51 19	7.64 51 17	8.73 51 19	10.09 51 15	10.81 51 11	10.19 51 11	7.42 50 18	5.54 50 22	3.65 50 24	2.72 49 23	52.78 10	26.94 14	-	79.72 11	6/28	12/79
41	3280	Fort Stockton 2 NE 30° 52', 102° 54'	4.03 20 ****	5.14 19 ****	9.26 13 ****	10.88 20 ****	12.28 20 ****	14.27 19 ****	13.77 20 ****	12.47 20 ****	9.22 20 ****	7.20 17 ****	5.04 18 ****	4.21 17 ****	69.21 ****	38.56 ****	-	107.77 ****	5/40	3/61
41	3680	Grand Falls 31° 48', 102° 50'	3.39 10 ****	5.02 11 ****	9.19 11 ****	11.41 11 ****	13 9 ****	14 9 ****	14 9 ****	13 8 ****	9 9 ****	7.13 10 ****	4.73 10 ****	3 9 ****	37 ****	70 ****	-	107 ****	2/40	7/54
41	3691	Grapevine Dam 32° 58', 97° 03'	3.17 18 25	3.97 23 13	6.56 25 24	7.51 26 16	8.70 26 16	10.65 24 13	12.29 26 17	11.42 27 16	8.31 27 20	6.48 27 18	4.17 27 18	3.24 23 20	57.85 13	28.62 13	-	86.47 11	8/53	11/79
41	4278	Hords Creek Dam 31° 51', 99° 34'	4.12 17 27	5.18 22 24	8.10 26 25	9.60 26 13	10.24 26 18	12.19 26 14	13.51 27 15	12.27 27 11	9.23 27 19	7.32 26 16	4.87 25 20	4.10 23 23	64.76 10	35.97 11	-	100.73 8	7/53	10/79
41	5094	Lavon 33° 02', 96° 29'	2.83 18 28	4.03 23 16	6.25 25 15	7.35 26 15	7.23 26 14	10.28 26 9	11.54 27 16	10.58 27 15	8.05 27 18	6.33 27 14	4.13 25 19	3.05 20 21	54.01 11	27.64 12	-	81.65 11	7/53	10/79
41	5561	Mansfield Dam 32° 34', 97° 09'	2.71 15 ****	3.44 14 ****	5.20 15 ****	6.32 14 ****	7.16 15 ****	8.56 20 ****	10.66 14 ****	10.26 18 ****	7.40 18 ****	5.45 14 ****	3.65 18 ****	2.90 14 ****	49.49 ****	24.22 ****	-	73.71 ****	1/49	6/64
41	5721	McCook 29° 30', 98° 23'	4.18 17 ****	5.07 17 ****	8.01 17 ****	8.86 16 ****	9.18 17 ****	10.43 17 ****	11.97 17 ****	11.69 17 ****	8.94 17 ****	7.37 17 ****	5.70 16 ****	4.53 17 ****	59.58 ****	36.35 ****	-	95.93 ****	1/63	12/79
41	6104	Mount Locke 30° 40', 104° 00'	3.96 11 ****	4.43 10 ****	6.89 10 ****	8.15 11 ****	8.60 11 ****	8.74 11 ****	6.98 10 ****	6.61 11 ****	5.80 11 ****	5.33 12 ****	3.96 10 ****	4 7 ****	42.06 ****	31 ****	-	73 ****	8/68	12/79
41	6210	Navarro Mills Dam 31° 57', 96° 42'	3 9 ****	4.09 14 ****	6.42 16 ****	7.33 17 ****	8.31 16 ****	10.06 17 ****	11.68 17 ****	10.77 16 ****	7.69 16 ****	6.42 17 ****	4.17 13 ****	3.09 13 ****	54.93 ****	28 ****	-	83 ****	3/63	11/79
41	7140	Point Comfort 28° 40', 96° 33'	3.08 18 17	3.85 21 11	5.53 22 10	6.51 22 12	8.53 22 11	9.92 22 10	10.76 22 10	9.88 22 15	7.46 22 10	6.46 22 10	4.37 12 12	3.40 23 13	53.01 6	26.74 5	-	79.75 5	11/57	12/79

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Inadequate data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Begin Mo/Yr	Latest Data Mo/Yr
TEXAS (continued)																			
41	7300	3.87 12 ****	6.00 10 ****	7.47 15 ****	8.66 16 ****	9.18 16 ****	11.37 17 ****	12.90 17 ****	11.26 17 ****	7.82 17 ****	6.49 17 ****	4.42 14 ****	3.67 13 ****	59.02 ****	34.09 ****	-	93.11 ****	6/63	10/79
41	7481	3.80 32 29	5.17 36 15	8.63 37 19	11.47 35 10	13.63 34 11	14.58 34 9	14.01 34 12	12.54 35 13	9.50 33 12	6.59 35 15	4.49 35 20	3.62 32 23	70.85 7	37.18 10	-	108.03 7	11/39	10/79
41	7622	3.22 17 ****	4.34 17 ****	6.58 17 ****	8.14 16 ****	8.56 17 ****	10.08 16 ****	11.31 18 ****	11.11 17 ****	7.76 17 ****	6.07 17 ****	4.03 18 ****	3.09 17 ****	53.22 ****	29.40 ****	-	82.62 ****	7/62	12/79
41	7936	3 8 ****	4 9 ****	5.21 12 ****	6.27 12 ****	7.31 12 ****	8.09 12 ****	8.32 12 ****	7.78 12 ****	6.06 12 ****	5.35 12 ****	3.92 12 ****	3 9 ****	42.91 ****	25 ****	-	68 ****	1/68	11/79
41	8446	2.74 12 ****	3.56 13 ****	5.36 15 ****	6.09 14 ****	7.18 15 ****	8.83 14 ****	9.98 15 ****	8.99 15 ****	6.57 15 ****	5.49 15 ****	3.83 15 ****	2.73 13 ****	47.09 ****	24.31 ****	-	71.40 ****	1/65	12/79
41	8566	2.67 33 ****	3.39 37 ****	5.76 37 ****	7.13 36 ****	8.12 36 ****	9.40 36 ****	9.84 35 ****	8.97 35 ****	6.80 36 ****	5.20 36 ****	3.58 35 ****	2.68 32 ****	48.33 ****	25.21 ****	-	73.54 ****	1/22	3/64
41	8646	3.18 11 ****	4.08 12 ****	5.95 15 ****	6.98 15 ****	7.57 15 ****	9.71 15 ****	11.32 15 ****	10.17 15 ****	7.08 15 ****	5.97 15 ****	4.07 14 ****	3.00 13 ****	51.82 ****	27.26 ****	-	79.08 ****	1/58	12/79
41	9014	2.87 16 19	3.74 22 12	4.89 22 11	5.79 22 9	7.26 22 11	7.80 22 12	7.76 23 9	7.26 23 11	5.92 23 9	5.25 23 13	4.24 21 12	2.96 22 44	41.25 5	24.49 5	-	65.74 5	7/57	12/79
41	9417	3 7 ****	4.28 12 ****	6.43 13 ****	7.30 15 ****	8.02 15 ****	10.40 15 ****	12.09 15 ****	11.08 15 ****	8.03 15 ****	6.52 15 ****	4.46 14 ****	3.35 11 ****	56.14 ****	29 ****	-	85 ****	3/65	11/79
41	9588	3.41 30 19	3.99 30 18	6.06 30 17	7.51 29 14	8.42 30 10	9.18 30 7	10.35 30 10	9.54 30 12	7.55 29 14	6.00 29 18	4.34 27 16	3.33 28 20	51.04 8	28.64 10	-	79.68 8	1/49	12/79
41	9715	2.95 21 30	3.88 24 20	6.05 26 25	7.20 26 15	8.46 26 20	10.65 26 13	12.39 27 15	11.38 27 12	8.33 27 17	6.24 27 16	4.02 27 16	3.12 25 21	57.45 10	27.22 13	-	84.67 10	7/53	12/75

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
TEXAS (continued)																				
41	9842	Winter Haven Exp Station 28° 38', 99° 52'	2.81 11 ****	3.68 12 ****	5.67 12 ****	7.30 10 ****	10 9 ****	12 9 ****	12.67 10 ****	12 9 ****	8.22 10 ****	5.92 11 ****	3.79 10 ****	2.83 9 ****	61 ****	26.08 ****	-	87 ****	3/49	3/64
41	9996	Ysleta 31° 42', 106° 19'	3.57 40 17	5.04 41 9	8.43 41 16	11.40 41 5	13.49 41 6	14.79 41 5	13.04 41 9	11.13 41 27	9.09 41 9	6.68 41 12	4.36 39 14	3.32 40 12	68.22 6	36.12 6	-	104.34 4	2/39	12/79
UTAH																				
42	2852	Fish Springs Refuge 39° 51', 113° 24'					11.48 10 ****	13.34 13 ****	16.00 13 ****	13.75 12 ****	10.10 13 ****	6 6 ****			71 ****	-	-	-	1/62	9/79
42	2864	Flaming Gorge 40° 56', 109° 25'					5.89 20 20	10.07 21 9	8.52 20 10	5.92 20 18					-	-	30.40	-	5/58	9/79
42	3418	Green River Aviation 39° 00', 110° 10'					6.31 16 ****	7.94 20 17	8.59 23 12	9.18 21 14	5.88 22 16	3.71 17 20			43.20 9	-	-	-	4/56	10/79
42	3514	Gunnison 39° 09', 111° 49'					7.40 12 ****	8.53 15 ****	9.91 15 ****	8.45 16 ****	6.09 16 ****	4 9 ****			44 ****	-	-	-	5/62	9/79
42	5190	Logan Utah State Exp Sta 41° 46', 111° 49'					4.27 14 ****	6.21 27 15	7.24 28 12	8.61 28 7	7.62 28 8	5.14 27 12	3.05 25 13		37.87 5	-	-	-	9/50	8/78
42	5733	Mosab 4 NW 38° 36', 109° 36'					7.64 19 13	10.46 22 9	12.06 20 14	12.91 21 12	10.90 22 10	7.69 20 11	20.00 20 20		74.02 8	-	-	-	3/58	10/79
42	5582	Mexican Hat 37° 09', 109° 52'					8.80 19 12	12.02 20 11	14.35 19 15	14.65 20 14	12.04 20 34	9.10 17 13	5.71 20 5	2 17 ****	67.87 17	-	-	-	11/57	10/79
42	5815	Moon Lake 40° 34', 110° 30'						8.09 14 ****	6.82 14 ****	6 7 ****					-	-	21	-	8/41	9/55
42	6897	Piute Dam 38° 19', 112° 11'					8.97 52 12	10.84 51 10	10.59 51 10	9.11 51 17	7.41 51 14	4.91 43 16			51.83 6	-	-	-	5/18	10/70

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** Climatological Data (NOAA-EDIS)
*** Sum of monthly means.
**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
UTAH (continued)																			
42	7068	Provo Dam 40° 13', 111° 18'			6.82 11 ****	6.30 16 ****	7.37 17 ****	7.83 17 ****	6.85 17 ****	4.94 17 ****	2.88 17 ****			36.17 ****	-	-	-	5/18	9/60
42	7578	Saltair Salt Plant 40° 46', 112° 06'			6.70 22 17	9.50 24 14	12.26 24 19	14.71 24 8	12.87 24 7	8.86 24 9	12.37 21 21	2 6 ****		70.57 7	-	-	-	3/56	10/79
42	8376	Strawberry Reservoir 40° 10', 111° 11'				6 6 ****	7.43 14 ****	8.00 18 ****	7.30 18 14	5.20 18 14	3.35 12 ****			37 ****	-	-	-	6/56	8/77
42	8973	Utah Lake, LEHI 40° 22', 111° 54'			3.11 42 26	5.57 59 14	9.60 60 16	10.59 60 7	9.23 60 11	6.76 60 10	3.95 55 13	1.38 39 ****		48.24 8	-	-	-	5/23	10/79
42	9165	Wanship Dam 40° 47', 111° 24"				7 9 ****	6.89 19 ****	7.56 18 11	5.64 18 18	4.84 21 21	3 7 ****			35 ****	-	-	-	6/56	6/74
VERMONT																			
43	2843	Essex Junction 44° 31', 73° 07'				4.92 16 ****	5.67 17 ****	6.46 16 ****	5.00 17 ****	3.43 17 ****	2.29 12 ****			27.77 ****	-	-	-	6/63	9/79
VIRGINIA																			
44	1598	Charlottesville 1W 38° 02', 78° 31'				6.13 12 11	6.86 14 11	6.97 13 13	5.84 15 11	4.53 15 13	3.38 13 17			33.71 8	-	-	-	8/51	8/66
44	4044	Holland 1E 36° 41', 76° 47'				6.16 21 14	7.05 28 7	7.58 28 6	6.72 27 15	5.14 27 10	3.95 27 12			38.05 5	-	-	-	5/50	4/78
44	4414	John H. Kerr Dam 36° 36', 78° 17'				5.27 19 15	6.22 23 9	6.81 25 13	7.20 24 12	4.87 24 11	3.37 13 19			34.59 ****	-	-	-	10/53	9/79
44	5271	Marion Evap Station 36° 49', 81° 31'				4.64 9 14	4.98 9 37	5.25 8 8	4.98 9 10	3.61 9 9	2.76 9 34			26.79 ****	-	-	-	4/71	10/79

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
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State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
VIRGINIA (continued)																			
44	6692				4.34 25 19	4.83 25 10	5.02 25 9	5.30 25 12	5.08 25 10	3.82 26 13	2.72 26 14			26.77 5	-	-	-	9/53	10/79
44	8084				5.03 9 22	6.53 10 10	7.34 10 7	7.53 10 12	7.10 10 11	5.08 10 10				33.58 ****	-	-	-	5/61	10/70
WASHINGTON																			
45	969					4.42 16 12	5.92 18 11	5.17 18 28	3.31 14 ****					-	-	18.82	-	6/49	9/66
45	2540				5.43 19 15	7.74 24 12	9.03 23 10	9.03 23 12	7.41 26 17	4.00 25 23	2.41 21 26			38.10 12	-	-	-	7/54	10/79
45	4406				4.00 43 22	6.61 52 13	6.45 52 16	5.18 52 18	2.99 51 18	1.35 33 ****				24.82 ****	-	-	-	9/17	9/68
45	4679				5.77 31 14	8.08 31 12	9.88 31 11	12.58 31 9	10.62 30 14	7.19 30 13				-	-	54.12	-	4/49	9/79
45	5613				5.88 17 19	7.77 16 ****	8.91 18 16	10.32 18 17	8.28 16 18	5.57 9 21	3 ****			44 ****	-	-	-	4/49	8/66
45	6215				5.60 36 17	7.73 37 12	9.29 38 8	11.30 37 9	9.51 37 11	6.45 28 10	3.25 15			47.53 5	-	-	-	4/41	7/78
45	6803				2.45 18 14	3.91 18 13	4.69 19 15	5.66 19 12	4.63 19 18	2.73 18 17	1.24 18 9	0.60 ****		22.86 10	-	-	-	3/61	11/79
45	6880				5.95 35 15	8.00 38 13	9.13 38 10	10.73 37 9	8.96 38 12	5.83 37 17	3.00 28 16			45.65 6	-	-	-	4/41	8/78
45	7038				5.45 29 14	6.65 29 12	8.10 29 13	7.44 29 16	3.87 29 13	1.69 18 16				33.20 10	-	-	-	5/49	9/77

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WASHINGTON (continued)																			
45	7463	Seattle Maple Leaf 47° 42', 122° 19'	1.88 13 ****	3.26 17 ****	4.61 17 ****	5.10 17 ****	6.76 17 ****	5.25 18 ****	3.51 18 ****	1.70 16 ****	26.93 ****	-	-	-	-	-	-	5/41	10/70
45	7938	Spokane WRAP 47° 38', 117° 32'	4.85 12 ****	7.47 14 ****	9.11 14 ****	11.90 14 ****	10.66 14 ****	6.34 14 ****	50.33	-	-	-	-	-	-	-	-	5/66	9/79
45	8931	Walla Walla 3 W 46° 02', 118° 20'	2.57 23 ****	4.42 42 ****	6.23 45 ****	7.67 45 ****	10.41 46 ****	8.92 45 ****	5.19 46 ****	2.54 45 ****	40.96 ****	-	-	-	-	-	-	6/16	9/62
45	9200	Whitman Mission 46° 03', 118° 27'	4.82 16 ****	6.95 17 ****	8.86 17 ****	10.88 17 ****	9.39 16 ****	5.82 17 ****	2.96 14 ****	44.86 ****	-	-	-	-	-	-	-	4/63	10/75
WEST VIRGINIA																			
46	939	Bluestone Dam 37° 39', 80° 53'	3.95 27 18	4.91 27 26	5.43 27 7	5.78 27 9	4.94 26 10	3.76 27 13	2.53 27 16	1.38 12 17	27.35 8	-	-	-	-	-	-	10/52	10/79
46	4200	Hogsett Gallipolis Dam 38° 41', 82° 11'	5.72 10 ****	6.22 20 ****	6.47 21 8	5.74 22 11	4.54 23 8	3.24 21 17	31.93 ****	-	-	-	-	-	-	-	-	6/49	9/72
46	4763	Kearneysville 39° 23', 77° 53'	5 9 ****	5.60 14 ****	5.81 13 ****	6.87 14 ****	6.00 13 ****	4.40 13 ****	3.08 11 ****	31.76 ****	-	-	-	-	-	-	-	4/65	10/79
46	6867	Parsons 39° 06', 79° 40'	4 7 ****	5.03 14 ****	5.48 14 ****	5.60 13 ****	4.94 13 ****	3.72 13 ****	2.59 12 ****	27.36 ****	-	-	-	-	-	-	-	5/65	9/79
46	8662	Sutton Reservoir 38° 39', 80° 41'	5.07 12 ****	5.57 17 ****	5.75 16 ****	5.23 17 ****	3.96 16 7	3 16 ****	8/61	26 ****	-	-	-	-	-	-	-	8/61	9/78
46	9281	Wardensville 39° 26', 78° 35'	4.74 26 16	5.24 38 11	5.94 39 6	6.47 39 10	7.21 40 9	4.42 40 13	3.15 36 12	32.43 6	-	-	-	-	-	-	-	8/39	9/79

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WISCONSIN																				
47		308					7	7.50	8.17	6.77	4.81	3.21			37.46	-	-	-	6/65	10/79
							7	14	14	15	15	14			****					
							****	****	****	****	****	****								
47		5120					5.97	6.46	6.98	6.15	4.35	3.16			33.07	-	-	-	6/39	9/79
							29	39	40	39	41	26			****					
							11	13	12	11	13	15								
47		6939					4.76	5.19	5.49	4.54	2.92	2.12			25.02	-	-	-	5/49	9/79
							20	28	30	30	29	11			****					
							****	34	10	7	9	****								
47		8589					6.01	6.64	7.03	5.88	4.32	3.48			33.36	-	-	-	5/41	9/79
							36	39	39	39	38	28			6					
							11	15	10	8	7	15								
WYOMING																				
48		228					7.10	8.53	9.67	8.46	6.07				-	-	39.83	-	4/61	9/79
							14	17	17	18	15									
							****	****	11	13	****									
48		270					5	3.40	7.52	8.66	8.31	6.20	5		39	-	-	-	5/58	10/75
							8	23	23	24	24	8			****					
							****	17	14	17	10	14	****							
48		1000					7.38	8.69	10.53	9.50	6.23	3.72			46.05	-	-	-	4/49	8/79
							23	31	31	31	30	12			****					
							12	14	10	8	17	****								
48		3170					7.91	9.75	11.00	9.12	6.76				-	-	44.54	-	6/50	9/73
							14	20	20	22	21						****			
							13	18	10	12	19									
48		3855					4.61	6.78	7.72	9.75	9.69	6.35	2.16		42.45	-	-	-	6/58	10/79
							10	17	17	17	17	15			****					
							****	****	****	****	****	****	****							
48		4065					9.14	10.22	12.22	10.53	7.36				-	-	49.47	-	6/58	9/79
							13	15	17	15	15									
							15	14	5	32	15									
48		4411					6.55	7.18	8.43	7.45	5.10	3.79			38.50	-	-	-	6/50	9/79
							25	29	28	30	28	20			15					
							14	25	14	15	21	21								

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May~ Oct ***	Nov~ Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
WYOMING (continued)																			
48	5435	Laramie 2 NW 41° 21', 105° 37'				8.96 9 ****	10.23 12 ****	11.02 13 ****	9.73 13 ****	7.65 12 ****	5 5 ****			53 ****	-	-	-	5/66	9/79
48	6470	Morton 1 NW 43° 13', 108° 48'				6.10 14 ****	7.07 17 ****	9.88 17 ****	7.57 17 ****	5.17 17 ****				-	-	35.79	-	5/51	9/68
48	7105	Pathfinder Dam 42° 28', 106° 51'				5.45 15 ****	6.94 26 ****	8.62 30 ****	9.69 30 ****	7.33 29 ****	5.44 25 ****			48.56 ****	-	-	-	5/49	8/79
48	8160	Sheridan Field Station 44° 50', 106° 50'				6.21 24 16	7.67 29 20	9.82 29 15	9.44 29 13	6.29 27 17				-	-	39.43	-	5/49	9/79
48	9604	Whalen Dam 42° 15', 104° 38'				5.99 17 ****	7.85 31 ****	9.06 30 ****	9.53 31 9	6.61 31 13	4.81 22 ****			48.49 ****	-	-	-	4/49	10/79

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).
** Climatological Data (NOAA-EDIS)
*** Sum of monthly means.
**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Month												Record Began Mo/Yr	Last Data Mo/Yr			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
ALABAMA																		
1	831	1.79 15 18	2.40 15 14	4.06 15 17	5.86 15 7	7.23 15 14	7.14 15 11	7.13 15 18	6.68 15 14	5.45 15 13	3.93 15 17	2.60 15 7	1.90 15 12	37.57 8	18.60 5	56.18 6	1/56	12/70
1	5478	2.70 14 16	3.28 15 11	4.86 15 7	5.84 15 7	7.19 15 12	7.16 15 13	6.50 15 12	6.29 15 11	5.66 15 12	5.20 14 13	3.61 15 8	2.87 15 11	38.05 6	23.19 5	60.91 5	1/56	12/70
1	5550	2.09 15 16	2.76 15 8	4.37 15 13	5.71 15 8	7.10 15 12	7.12 15 12	7.42 15 8	6.94 15 12	5.77 14 12	4.08 15 12	2.82 15 7	2.26 15 8	38.61 6	20.01 5	58.70 5	1/56	12/70
ARIZONA																		
2	3010	2 9 ****	2 9 ****	3 9 ****	5 9 ****	7 9 ****	9 9 ****	8 9 ****	6 9 ****	5 9 ****	4 9 ****	2.51 10 16	1.66 10 19	39 ****	15 ****	54 ****	11/61	12/70
2	6481	3.60 15 16	4.36 15 18	7.00 15 14	9.98 15 11	13.31 15 11	14.83 15 5	14.55 15 5	12.66 15 7	10.53 15 7	7.77 15 11	4.79 15 12	3.51 15 14	73.66 5	33.24 8	106.90 5	1/56	12/70
2	8820	4.64 15 12	5.15 15 12	7.72 15 17	10.85 15 10	13.77 15 8	15.21 15 5	13.08 15 6	11.52 15 11	10.74 15 10	8.69 15 11	5.70 15 11	4.38 15 16	72.94 3	38.44 5	111.45 3	1/56	12/70
2	9439	1.99 15 37	3.07 15 18	5.50 15 13	8.08 15 8	10.93 15 8	13.05 15 5	11.86 15 10	10.14 15 10	8.71 15 11	6.08 15 11	3.36 15 12	1.92 15 31	60.77 5	23.92 6	84.68 5	1/56	12/70
2	9660	5.24 15 12	5.73 15 12	8.49 15 10	11.36 15 8	14.27 15 3	15.55 15 5	15.85 15 5	14.33 15 5	11.86 15 10	8.87 15 5	5.89 14 12	4.82 15 17	80.73 3	41.64 6	122.45 5	1/56	12/70
ARKANSAS																		
3	2578	1.84 15 19	2.15 15 11	3.74 15 20	5.46 15 12	6.61 15 11	7.18 15 10	8.01 15 12	7.70 15 12	5.46 15 18	4.05 15 19	2.55 15 16	1.85 15 11	39.03 8	17.59 7	56.61 7	1/56	12/70
3	4248	1.92 15 17	2.40 15 12	4.18 15 25	5.51 15 18	6.94 15 11	7.97 15 7	8.03 15 8	7.20 15 13	5.52 15 18	4.15 15 13	2.63 15 12	1.97 15 12	39.81 3	18.61 7	58.42 3	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
CALIFORNIA																		
4	442	1.96 15 29	2.61 15 23	4.68 15 16	6.66 15 18	9.73 15 12	12.26 15 5	13.48 15 5	12.05 15 7	9.13 15 8	6.19 15 17	3.20 15 24	1.75 15 32	62.84 5	20.86 12	83.71 6	1/56	12/70
4	1194	3.52 10 24	3.57 10 30	4.81 10 16	5.67 10 16	6.25 13 13	7.30 12 12	9.16 10 8	8.32 10 6	7.12 10 12	5.41 10 19	4.04 10 13	3.63 10 17	43.56 5	25.25 8	68.81 5	1/56	12/65
4	3257	1.30 15 22	2.06 15 19	4.22 15 12	6.28 15 17	9.33 15 10	11.41 15 6	12.39 15 7	10.74 15 6	7.85 15 6	5.04 15 11	2.34 15 25	1.21 14 37	56.74 5	17.51 8	74.14 5	1/56	12/70
4	5085	3.41 11 13	3.45 11 22	4.48 11 12	5.68 11 12	6.22 10 10	6.15 11 11	8.10 11 7	7.99 11 10	6.38 11 10	5.24 11 18	3.50 11 17	2.98 11 18	40.07 6	23.49 7	63.57 5	1/60	12/70
4	5114	3.54 15 19	3.63 14 24	5.10 15 12	5.77 15 13	6.65 14 10	6.36 14 14	7.82 15 7	7.29 15 6	6.07 15 14	5.27 14 30	3.96 15 22	3.55 15 18	39.87 7	25.52 7	65.48 6	1/56	12/70
4	6335	1.75 15 19	2.26 15 25	3.76 15 12	4.75 15 12	5.69 14 10	6.43 15 13	6.43 15 8	5.98 15 6	5.37 15 11	3.97 15 13	2.38 15 17	1.83 15 24	33.96 5	16.73 7	50.65 5	1/56	12/70
4	7292	2.51 15 68	2.94 15 26	4.52 15 17	6.91 15 23	9.57 15 12	12.65 14 11	13.46 15 5	11.79 15 7	9.14 15 7	6.24 15 17	3.24 15 26	2.25 14 31	62.96 5	22.51 18	85.47 7	1/56	12/70
4	7630	1.26 15 29	2.15 15 25	3.73 15 17	5.85 15 19	8.31 15 10	10.73 15 8	11.31 15 5	10.10 15 5	7.68 15 5	5.02 14 18	2.32 15 27	1.22 15 43	53.19 5	16.54 14	69.86 6	1/56	12/70
4	7740	3.19 15 16	3.35 15 16	4.74 15 11	6.09 15 11	6.37 15 8	5.57 15 12	6.81 15 5	6.72 15 8	5.79 15 8	4.86 15 14	3.78 15 19	3.27 15 16	36.12 5	24.42 6	60.54 5	1/56	12/70
4	7769	1.65 15 19	2.40 15 24	3.81 15 17	5.30 15 12	6.40 16 16	7.08 15 11	6.70 15 11	6.64 15 12	5.94 15 16	4.40 15 17	2.43 15 17	1.70 15 25	37.16 7	17.29 10	54.45 8	1/56	12/70
COLORADO																		
5	1778	2.38 15 18	2.52 15 20	3.76 15 26	5.86 15 26	7.91 15 12	9.36 15 13	9.52 15 10	8.59 15 11	6.69 15 12	5.14 15 19	3.02 15 18	2.43 15 17	47.22 8	19.97 8	67.19 6	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II. -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
COLORADO (continued)																		
5	2220	2.20	2.33	3.83	5.70	7.43	8.96	9.80	9.11	6.59	4.78	2.69	2.24	46.68	18.99	65.68	1/56	12/70
		15	15	15	15	15	15	15	15	15	15	15	15					
		19	25	24	16	16	18	8	11	14	25	16	26	11	6	8		
5	3488	1.86	2.11	4.26	6.60	9.89	12.49	12.98	11.10	8.20	5.37	2.53	1.34	60.10	18.70	78.78	1/56	12/70
		15	15	15	15	15	15	14	15	15	15	15	15					
		38	27	16	12	12	12	7	12	12	17	14	25	6	7	6		
5	6740	2.00	2.44	4.17	7.04	9.11	10.82	11.09	9.72	7.35	5.28	2.96	2.27	53.37	20.88	74.19	1/56	12/70
		14	15	15	15	15	15	15	15	15	15	15	15					
		31	26	25	18	12	14	8	8	12	18	18	29	8	12	8		
CONNECTICUT																		
6	806	1.49	1.60	2.53	3.67	4.81	5.50	5.82	5.36	4.29	3.44	2.13	1.49	29.21	12.83	42.16	3/60	12/70
		10	10	11	10	11	11	11	11	11	11	11	11					
		25	19	11	18	18	11	17	11	6	8	7	17	5	****	****		
6	3456	1.10	1.33	2.46	4.28	5.68	6.07	6.43	5.83	3.83	2.74	1.70	1.07	30.59	11.94	42.53	1/56	12/70
		15	15	15	15	15	15	15	15	15	15	15	15					
		29	20	16	18	17	12	18	11	16	18	17	20	10	12	10		
DELAWARE																		
7	9595	1.49	1.74	3.01	4.34	5.54	6.40	6.40	5.92	4.64	3.37	2.20	1.52	32.29	14.27	46.51	1/56	12/70
		15	14	15	15	15	15	15	15	15	15	15	15					
		23	20	17	12	13	7	17	13	12	10	7	17	7	8	6		
FLORIDA																		
8	2158	3.32	3.88	5.19	6.86	7.53	7.04	7.11	6.71	5.89	5.30	4.04	3.20	39.58	26.49	66.07	1/56	12/70
		15	15	15	15	15	15	15	15	15	15	15	15					
		11	7	13	8	11	8	5	6	10	11	6	10	5	5	3		
8	4358	2.76	3.45	5.50	7.54	8.52	7.73	7.92	7.28	5.94	4.64	3.50	2.89	42.03	25.63	67.65	1/56	12/70
		15	15	15	15	15	15	15	15	15	15	15	15					
		12	10	11	6	12	12	7	6	11	16	10	13	5	5	5		
8	4570	4.46	4.89	7.18	9.09	10.10	9	9.68	8.72	7.37	6.47	5.55	4.74	51	35.90	87	7/60	12/70
		10	10	10	10	10	9	10	10	11	11	11	11	****		****		
		13	5	7	5	11	****	6	3	5	6	7	10		3	****		

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Inadequate data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
FLORIDA (continued)																			
8	5663	Miami WSO 25° 48', 80° 16'	4.28 15 14	4.84 15 11	6.59 15 12	7.84 15 11	7.85 15 12	6.96 15 11	8.03 15 11	7.68 15 11	6.00 15 11	5.78 15 8	4.83 15 10	4.27 15 13	42.30 6	32.67 5	74.97 5	1/56	12/70
8	6638	Orlando WB Airport 28° 33', 81° 19'	3.66 14 16	4.39 15 7	6.00 14 11	7.66 15 10	8.53 15 11	7.75 14 6	7.74 13 3	7.10 14 5	6.23 14 7	5.78 14 13	4.51 14 8	3.80 13 11	43.17 5	29.72 6	72.39 5	1/56	12/70
8	8758	Tallahassee WB Airport 30° 22', 84° 22'	2.50 14 12	2.88 15 13	4.63 15 11	5.94 15 7	7.01 15 12	6.96 15 10	6.36 15 7	6.20 15 12	5.47 15 7	4.87 15 13	3.24 15 14	2.57 15 5	36.87 6	21.75 5	58.57 5	2/56	12/70
8	8788	Tampa WSO 27° 58', 82° 31'	3.40 15 10	3.98 15 11	5.73 15 14	7.57 15 8	8.84 15 5	8.15 15 8	7.74 15 7	7.17 15 10	6.40 15 8	5.74 15 13	4.28 15 10	3.59 15 12	44.03 5	28.56 6	72.60 5	1/56	12/70
8	9525	West Palm Beach WB Airport 26° 40', 80° 6'	4.33 15 11	4.79 15 6	6.52 15 10	7.74 15 6	7.94 15 10	7.10 14 7	7.71 15 11	7.29 14 5	6.03 15 8	6.12 15 6	5.12 15 7	4.41 15 7	42.40 3	32.92 5	75.29 3	1/56	12/70
GEORGIA																			
9	435	Athens WB Airport 33° 56', 83° 19'	2.20 15 16	2.66 15 10	4.16 15 18	5.51 15 7	6.43 15 13	6.64 15 12	6.54 15 12	6.36 15 13	5.06 15 11	4.20 15 16	2.99 15 8	2.27 15 8	35.22 5	19.79 5	55.01 5	1/56	12/70
9	451	Atlanta WB Airport 33° 38', 84° 25'	2.12 14 12	2.73 15 12	4.28 15 17	5.78 15 11	7.03 15 12	7.10 15 12	7.07 15 8	6.70 15 12	5.22 15 11	4.14 15 16	2.89 15 8	2.26 15 13	37.25 5	20.15 6	57.13 5	1/56	12/70
9	495	Augusta WB Airport 33° 22', 81° 58'	2.18 15 13	2.75 15 10	4.25 15 16	5.66 15 7	6.27 15 16	6.62 15 8	6.49 15 10	6.31 15 12	5.07 15 10	4.19 15 14	3.00 15 11	2.29 15 8	34.96 5	20.13 6	55.09 5	1/56	12/70
9	2166	Columbus WB Airport 32° 31', 84° 55'	2.05 12 10	2.66 12 12	4.16 12 11	5.51 12 10	6.76 12 13	6.76 13 10	6.10 13 13	6.16 13 8	5.32 13 13	4.35 13 11	2.77 12 6	2.10 13 12	35.48 5	19.29 5	54.91 5	6/58	12/70
9	5443	Macon WB Airport 32° 41', 83° 38'	2.25 15 16	2.92 15 12	4.64 15 13	6.47 15 7	7.85 15 14	7.67 15 11	7.55 15 11	7.14 15 13	5.83 15 11	4.36 15 13	3.03 15 10	2.45 15 10	40.40 5	21.76 5	62.16 5	1/56	12/70
9	7847	Savannah WB Airport 32° 7', 81° 11'	2.30 15 14	2.87 15 8	4.76 14 14	6.70 15 5	7.62 15 16	7.51 15 12	7.79 15 7	6.83 15 8	5.67 15 8	4.45 15 14	3.06 15 11	2.60 15 12	39.87 5	22.22 6	61.82 5	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).
 ** Climatological Data (NOAA-EDIS)
 *** Sum of monthly means.
 **** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE 11 -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Station												Record Began Mo/Yr	Last Data Mo/Yr				
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			May- Oct***	Nov- Apr***	Annual***	
IDAHO																			
10	1022	Boise WB Airport	1.58	1.63	3.59	5.06	7.39	9.23	12.09	10.01	6.64	3.90	1.76	1.09	49.25	14.72	63.97	1/56	12/70
		43° 34', 116° 13'	15	15	15	15	15	15	15	15	15	15	15	15	5	18	6		
		122	26	25	14	12	14	5	12	11	14	18	36						
10	7211	Pocatello WB Airport	0.97	1.38	3.52	4.92	7.36	8.87	11.69	9.20	6.43	4.01	1.78	1.01	47.56	13.58	61.14	1/56	12/70
		42° 55', 112° 36'	15	15	15	15	15	15	15	15	15	15	15	15	8	20	8		
		38	37	60	18	17	19	7	22	12	12	14	25	31					
ILLINOIS																			
11	1577	Chicago WB Airport	1.09	1.37	2.68	4.56	6.90	8.21	8.16	6.95	5.11	3.83	1.97	1.19	39.16	12.86	52.02	1/56	12/70
		41° 46', 87° 45'	15	15	15	15	15	15	15	15	15	15	15	15	6	12	5		
		26	23	25	18	13	12	11	8	8	8	17	13	20					
11	5751	Moline WSO	0.88	1.17	2.46	4.38	6.34	7.20	7.45	6.19	4.35	3.36	1.72	1.07	34.90	11.67	46.58	1/56	12/70
		41° 26', 90° 31'	15	15	15	15	15	15	15	15	15	15	15	15	6	11	6		
		25	23	30	18	12	14	12	6	10	19	18	32						
11	6711	Peoria WSO	0.91	1.26	2.49	4.52	6.40	7.48	7.49	6.43	4.77	3.54	1.80	0.97	36.11	11.95	48.06	1/56	12/70
		40° 40', 89° 40'	15	15	15	15	15	15	15	15	15	15	15	15	7	10	6		
		29	17	27	16	16	12	12	7	12	23	13	22						
11	7382	Rockford WSO	0.79	1.08	2.33	4.12	5.93	7.07	7.13	6.23	4.40	3.30	1.61	0.83	34.05	10.78	44.88	1/59	12/70
		42° 11', 89° 6'	12	12	12	12	12	12	11	12	12	12	12	12	3	6	3		
		29	25	23	12	8	8	7	7	8	18	14	17						
11	8179	Springfield WSO	1.09	1.38	2.72	4.88	7.40	7.99	8.05	6.62	5.39	3.88	2.12	1.18	39.34	13.36	52.70	1/56	12/70
		39° 49', 89° 40'	15	15	15	15	15	15	15	15	15	15	15	15	7	8	7		
		24	14	26	18	23	12	12	10	11	23	16	20						
INDIANA																			
12	2738	Evansville WSO	1.29	1.68	3.02	5.09	6.73	7.56	7.72	6.88	5.11	3.72	2.05	1.32	37.78	14.45	52.29	1/56	12/70
		38° 3', 87° 31'	15	15	15	15	14	15	15	15	15	15	15	15	5	6	3		
		18	25	19	13	12	11	6	6	12	14	12	22						
12	3037	Fort Wayne WSO	0.86	1.17	2.23	4.03	6.27	7.45	7.51	6.50	4.64	3.25	1.60	0.90	35.61	10.78	46.39	1/56	12/70
		41° 0', 85° 11'	15	15	15	15	15	15	15	15	15	15	15	15	5	6	5		
		25	18	22	17	13	12	10	11	11	18	16	18						
12	4259	Indianapolis WSO	1.06	1.35	2.49	4.32	6.06	7.13	6.99	6.28	4.71	3.39	1.73	1.09	34.57	12.04	46.61	1/56	12/70
		39° 43', 86° 16'	15	15	15	15	15	15	15	15	15	15	15	15	10	10	8		
		26	17	20	12	17	12	12	13	11	13	18	18	25					

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
INDIANA (continued)																			
12	8187	South Bend WB Airport 41° 41', 86° 19'	0.83 15 36	1.00 15 24	2.08 15 23	3.80 15 16	5.63 15 17	6.73 15 12	6.64 15 11	5.93 15 8	4.26 15 12	3.17 15 24	1.61 15 19	0.88 15 24	32.35 6	10.20 10	42.56 6	1/56	12/70
IOWA																			
13	1063	Burlington FAA Airport 40° 46', 91° 7'	1.00 15 30	1.35 15 19	2.66 15 26	4.63 15 14	6.27 14 7	6.43 15 7	6.59 15 12	5.72 15 11	4.44 15 7	3.67 15 14	1.93 15 18	1.05 14 30	33.18 5	12.84 8	46.25 5	1/56	12/70
13	2203	Des Moines WSO 41° 31', 93° 38'	0.82 15 31	1.11 15 36	2.47 15 33	4.56 15 16	6.61 15 13	7.74 15 16	8.14 15 13	6.77 15 7	4.55 15 17	3.77 15 18	1.81 15 24	1.04 15 29	37.57 7	11.81 12	49.38 7	1/56	12/70
13	7708	Sioux City WSO 42° 23', 96° 22'	0.78 14 31	1.00 15 35	2.28 15 45	4.63 15 8	6.35 12 12	7.24 15 18	7.35 15 12	6.04 15 12	4.14 20 20	3.51 15 25	1.67 15 23	0.93 38	34.63 10	11.24 12	46.03 10	1/56	12/70
13	8706	Waterloo WSO 42° 33', 92° 23'	0.68 10 31	0.89 10 35	1.89 11 42	4.10 11 19	5.94 11 10	6.80 12 12	6.97 11 12	5.95 11 6	4.07 11 17	3.19 11 18	1.55 11 16	0.71 11 33	32.92 6	9.86 16	42.85 7	3/60	12/70
KANSAS																			
14	1767	Concordia WSO 39° 33', 97° 38'	1.24 15 37	1.64 15 35	3.37 15 37	5.29 15 16	6.65 14 18	8.29 15 14	9.39 15 14	8.45 15 11	5.49 15 19	4.26 15 26	2.20 15 19	1.52 15 20	42.56 11	15.27 17	57.90 12	1/56	12/70
14	2164	Dodge City WSO 37° 46', 99° 58'	2.11 15 30	2.45 15 30	4.45 15 37	6.91 15 18	8.78 15 16	10.41 15 13	11.18 15 13	10.37 15 12	7.32 15 23	5.63 15 24	3.09 15 20	2.23 15 25	53.69 10	21.24 14	74.93 10	1/56	12/70
14	3153	Goodland WSO 39° 22', 101° 41'	1.96 15 30	2.15 15 31	3.57 15 33	5.95 15 18	7.81 15 18	9.74 15 18	10.57 15 12	9.63 15 8	6.81 15 18	5.16 15 18	2.79 15 16	2.03 15 22	49.71 10	18.47 13	68.17 8	1/56	12/70
14	8167	Topeka WSO 39° 4', 95° 37'	1.32 15 29	1.73 15 24	3.36 15 31	5.01 15 14	6.64 15 18	6.94 15 14	7.89 15 16	7.32 15 11	4.92 15 22	3.81 15 25	2.14 15 17	1.41 15 23	37.52 11	14.97 12	52.50 10	1/56	12/70
14	8830	Wichita WSO 37° 38', 97° 25'	1.66 15 27	2.10 15 22	4.14 15 30	5.88 15 16	7.50 15 19	8.75 15 12	9.66 15 14	9.17 15 14	6.00 15 24	4.69 15 20	2.63 15 22	1.98 15 41	45.77 11	18.40 13	64.16 10	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Month												Record Began Mo/Yr	Last Data Mo/Yr			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
KENTUCKY																		
15	4746	Lexington WB Airport 38° 1', 84° 36'	1.31	1.51	2.97	4.64	5.90	6.58	6.67	6.46	5.16	3.84	2.15	1.39	34.61	13.96	48.57	
			15	15	15	15	15	15	15	15	15	15	15	15	15			
			31	24	23	13	11	8	10	12	18	17	12	18	6	12	6	
15	4954	Louisville WSO 38° 10', 85° 43'	1.34	1.51	3.14	5.11	6.57	7.05	7.30	6.84	4.96	3.54	2.14	1.62	36.26	14.87	51.13	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			30	30	20	17	12	12	12	7	12	13	11	33	7	12	7	
LOUISIANA																		
16	104	Alexandria WB Airport 31° 23', 92° 18'	1.84	2.41	3.76	4.83	6.14	6.57	6.54	6.16	5.25	4.23	2.75	1.82	34.88	17.44	52.00	
			10	11	11	10	10	10	10	10	10	10	10	11	10	11		
			14	11	14	10	11	12	14	13	8	12	16	10	6	****	****	
16	549	Baton Rouge WB Airport 30° 31', 91° 8'	2.60	3.08	4.70	5.51	6.83	7.13	6.73	6.29	5.66	4.93	3.30	2.57	37.58	21.76	59.34	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			13	14	11	8	11	13	13	12	12	13	11	18	6	5	5	
16	5078	Lake Charles WB Airport 30° 7', 93° 13'	2.29	2.71	4.33	5.58	7.30	7.63	7.43	6.73	5.77	4.77	3.25	2.33	39.64	20.49	60.13	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			19	12	13	10	7	12	11	12	12	12	12	18	5	6	5	
16	6660	New Orleans WB Moisant 29° 58', 90° 15'	2.47	2.97	4.42	5.42	6.86	6.92	6.56	6.14	5.56	4.91	3.22	2.52	36.94	21.02	57.96	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			18	14	11	11	8	14	11	11	12	6	11	12	3	6	5	
16	8440	Shreveport WB Airport 32° 28', 93° 49'	2.46	2.86	4.59	5.71	7.48	8.07	8.83	8.21	6.15	4.87	3.04	2.28	43.61	20.94	64.55	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			29	8	22	14	11	12	11	11	16	13	18	16	7	8	6	
MAINE																		
17	6905	Portland WSMO 43° 38', 70° 19'	0.91	1.03	1.99	3.10	4.76	5.35	5.70	4.98	3.31	2.29	1.19	0.89	26.39	9.12	35.53	
			15	15	15	15	15	15	15	15	15	14	14	15	15	15		
			29	23	12	12	12	18	14	12	8	12	24	16	6	10	6	
MARYLAND																		
18	465	Baltimore WSO 39° 10', 76° 40'	1.63	1.94	3.30	4.88	6.27	7.21	7.57	6.70	4.92	3.56	2.41	1.68	36.24	15.82	52.07	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			24	25	17	17	11	8	13	10	16	13	12	17	7	10	6	

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No. **	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
MASSACHUSETTS																		
19	770	1.77 15 19	1.89 15 17	2.98 15 12	4.43 15 16	6.32 15 13	6.80 15 18	7.26 15 18	6.44 14 10	4.56 15 12	3.61 15 18	2.33 15 16	1.84 15 18	34.89 8	15.24 8	50.09 8	1/56	12/70
19	5159	1.49 14 17	1.73 14 31	2.35 14 13	3.33 14 12	4.56 14 16	5.03 14 16	5.06 14 18	4.31 13 16	3.25 13 10	2.65 13 8	1.88 13 11	1.56 13 13	24.92 10	12.29 8	37.21 7	1/56	7/69
19	9923	1.25 14 22	1.40 13 17	2.40 14 11	4.01 14 14	5.40 14 13	5.62 14 12	5.91 14 16	5.28 14 12	3.89 14 11	3.03 14 22	1.80 14 16	1.26 14 30	29.12 7	12.10 6	40.96 6	1/57	12/70
MICHIGAN																		
20	164	0.59 13 22	0.76 12 22	1.55 13 18	2.91 13 18	4.65 14 18	5.63 13 14	6.31 13 12	4.88 14 8	2.94 13 12	1.85 13 22	1.05 13 13	0.61 14 20	26.27 8	7.37 12	33.66 8	5/56	12/70
20	2102	1.02 10 19	1.12 10 18	2.07 10 18	3.72 10 18	5.51 10 25	6.92 10 10	7.18 10 7	6.01 10 7	4.26 10 6	3.15 10 20	1.80 10 17	1.03 10 18	33.03 6	10.77 7	43.80 5	1/56	12/65
20	2103	0.87 11 38	1.21 11 22	2.16 11 18	3.69 11 18	5.43 11 11	6.54 11 10	6.85 11 7	5.90 11 12	4.17 11 6	3.07 11 12	1.62 11 12	1.00 11 18	31.96 3	10.55 10	42.50 3	1/60	12/70
20	2104	0.89 10 18	1.09 10 18	2.16 10 16	3.66 10 20	5.70 12 12	6.66 10 6	7.11 10 12	5.91 10 6	4.42 10 10	3.19 10 20	1.77 10 13	0.95 10 20	33.00 3	10.5 7	43.52 1	1/56	12/65
20	2846	0.76 15 41	0.96 15 30	1.94 15 25	3.58 15 18	5.00 15 12	5.92 15 11	6.26 15 11	5.41 15 10	3.65 15 8	2.75 15 19	1.46 15 17	0.87 15 24	29.00 5	9.57 13	38.57 6	1/56	12/70
20	3333	0.66 15 25	0.89 15 25	1.92 15 22	3.72 15 18	5.88 16 16	7.08 15 12	7.23 15 8	6.13 15 11	4.03 15 12	2.66 15 22	1.36 15 17	0.74 15 20	33.00 5	9.29 8	42.29 5	1/56	12/70
20	4641	0.71 11 27	0.98 11 24	2.02 11 25	3.75 11 20	5.75 11 13	6.68 11 13	6.96 11 8	5.81 11 12	3.81 11 13	2.61 11 19	1.38 11 18	0.72 11 33	31.63 5	9.56 13	41.19 5	1/60	12/70
20	5712	0.80 11 25	0.93 11 17	2.01 11 25	3.81 12 14	5.73 11 8	6.74 11 10	7.11 11 6	6.06 11 11	4.00 11 7	2.94 11 16	1.66 11 12	0.94 11 20	32.59 3	10.21 10	42.80 3	4/59	12/70

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
<u>MICHIGAN (continued)</u>																		
20	7366	0.41 14 25	0.57 14 24	1.36 15 10	2.74 15 17	4.65 15 13	5.43 15 16	5.85 15 12	4.74 15 12	2.62 15 14	1.74 15 22	0.83 15 22	0.47 15 33	25.03 5	6.34 8	31.21 5	1/56	12/70
<u>MINNESOTA</u>																		
21	2248	0.52 15 18	0.69 15 18	1.59 15 19	3.16 15 13	5.05 15 17	5.59 15 12	6.47 15 12	5.25 15 18	3.08 15 13	2.31 15 24	1.01 15 20	0.51 15 25	27.74 6	7.48 8	35.22 5	1/56	12/70
21	4026	0.36 15 37	0.57 15 18	1.39 15 19	3.14 15 12	5.12 15 12	5.82 15 13	6.20 15 11	4.96 15 12	2.92 15 14	2.17 15 25	0.75 15 26	0.34 14 43	27.18 5	6.63 10	33.61 3	1/56	11/70
21	5435	0.67 14 23	0.90 15 26	2.03 15 35	4.11 15 18	6.10 15 17	7.25 15 13	7.88 15 16	6.52 15 10	4.01 15 17	2.92 15 20	1.28 15 20	0.73 15 25	34.67 7	9.67 17	44.15 7	1/56	12/70
21	7004	0.69 15 38	0.88 15 37	1.73 15 37	3.89 15 16	5.81 15 11	6.77 15 12	7.02 15 12	5.83 15 12	4.03 15 10	3.30 15 18	1.40 15 23	0.71 15 24	32.77 5	9.29 14	42.06 5	1/56	12/70
<u>MISSISSIPPI</u>																		
22	4472	1.90 15 23	2.36 15 10	4.02 15 18	5.58 15 8	6.95 14 8	7.38 15 12	7.49 15 12	6.85 15 11	5.44 14 14	3.94 14 12	2.62 14 8	1.96 15 17	37.34 5	18.37 7	55.70 5	1/56	12/70
22	5776	1.91 11 16	2.57 11 11	4.13 11 16	5.45 11 6	6.52 11 11	7.00 11 11	6.68 11 12	5.97 11 11	5.23 12 10	4.22 12 12	2.78 12 7	1.99 12 6	35.71 6	18.81 5	54.52 5	9/59	12/70
<u>MISSOURI</u>																		
23	1790	1.36 15 29	1.67 15 14	3.16 15 25	5.29 15 18	6.91 15 12	7.33 15 12	8.22 15 12	7.55 15 11	5.41 15 18	4.19 15 20	2.35 15 17	1.46 15 19	39.62 6	15.28 11	54.89 7	1/56	12/70
23	4359	1.37 15 32	1.83 15 20	3.47 15 26	5.45 15 12	7.34 15 16	7.94 15 13	8.84 15 14	8.09 15 12	5.69 15 20	4.47 15 24	2.39 15 25	1.56 15 20	42.36 10	16.07 12	58.43 8	1/56	12/70

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct***	Nov-- Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
MISSOURI (continued)																			
23	7455	St Louis WSO 38° 45', 90° 22'	1.36 15 25	1.77 15 12	3.27 15 25	5.24 15 16	6.81 15 13	7.61 15 12	7.98 15 12	7.08 15 8	5.35 15 14	4.00 15 22	2.27 15 16	1.44 15 22	38.83 5	15.35 8	54.18 6	1/56	12/70
23	7976	Springfield WSO 37° 13', 93° 22'	1.68 15 25	1.98 15 12	3.50 15 27	5.35 15 12	6.46 15 13	6.73 15 12	7.69 15 13	7.56 15 12	5.31 15 20	4.13 15 24	2.44 15 17	1.67 15 18	37.89 7	16.63 10	54.51 6	1/56	12/70
MONTANA																			
24	807	Billings WB Airport 45° 48', 108° 31'	1.50 15 43	1.96 15 37	3.03 15 30	4.35 15 18	6.36 15 16	7.48 15 22	10.21 15 11	9.02 15 10	5.79 15 18	4.29 15 20	2.32 15 18	1.90 15 26	43.14 6	15.06 12	58.19 6	1/56	12/70
24	3751	Great Falls WB Airport 47° 28', 111° 21'	1.50 14 49	1.76 14 43	2.81 15 30	4.30 15 18	6.35 15 16	7.64 15 19	10.19 15 14	8.95 15 13	5.78 15 24	4.29 15 25	2.37 15 27	1.83 15 37	43.20 8	14.63 12	57.42 8	1/56	12/70
24	4055	Helena WB Airport 46° 36', 112° 0'	0.84 15 37	1.23 15 37	2.24 15 26	3.77 15 14	5.87 15 16	6.81 15 20	9.39 15 11	7.88 15 12	4.64 15 18	2.95 15 18	1.41 15 18	0.96 15 26	37.54 7	10.44 10	47.99 6	1/56	12/70
24	5745	Missoula WB Airport 46° 55', 114° 4'	0.44 15 42	0.78 15 32	1.84 15 23	3.48 15 12	5.31 15 18	6.10 15 14	9.21 15 16	7.37 15 14	4.04 15 20	1.86 15 14	0.79 15 24	0.46 15 45	33.89 8	7.80 12	41.68 8	1/56	12/70
NEBRASKA																			
25	3395	Grand Island WSO 40° 58', 98° 19'	1.16 15 37	1.49 15 35	2.95 15 37	5.35 15 13	7.05 15 17	8.49 15 14	9.19 15 12	8.28 15 6	5.53 15 18	4.45 15 22	2.19 15 23	1.75 15 52	42.98 7	14.89 10	57.88 6	1/56	12/70
25	6065	North Platte WSO 41° 7', 100° 40'	1.18 15 38	1.42 15 37	2.84 15 35	5.02 15 18	6.56 15 18	8.01 15 18	8.45 15 12	7.85 15 10	5.27 15 16	3.83 15 22	2.02 15 14	1.37 15 18	39.97 8	13.85 13	53.82 8	1/56	12/70
25	6255	Omaha WSO 41° 18', 95° 53'	1.06 15 24	1.43 15 33	3.04 15 32	5.26 15 12	7.04 15 16	8.21 15 13	8.63 15 12	7.26 15 5	4.68 15 17	3.82 15 22	2.01 15 22	1.27 15 22	39.64 5	14.06 12	53.70 6	1/56	12/70
25	7665	Scotts Bluff WSO 41° 52', 103° 36'	1.51 15 25	1.89 15 26	3.14 15 25	5.10 15 18	6.95 15 14	8.46 15 13	9.77 15 8	8.60 15 8	6.04 15 12	4.32 15 18	2.38 15 14	1.59 15 30	44.14 5	15.62 8	59.75 5	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
NEVADA																		
26	2573	0.92 14 31	1.38 14 24	2.68 14 24	4.15 15 14	6.26 14 14	8.00 14 14	10.49 11 5	8.93 13 7	6.16 13 8	3.90 14 14	1.80 14 20	0.99 13 29	43.20 3	12.04 8	55.39 ***	1/56	12/70
26	2631	1.62 15 23	1.76 15 18	3.34 14 23	4.82 15 19	7.46 15 17	9.31 15 17	11.14 15 7	9.72 15 11	7.13 15 10	4.63 15 16	2.33 15 23	1.66 15 29	49.39 5	15.64 11	65.05 5	1/56	12/70
26	4436	3.67 15 10	4.55 15 16	7.81 15 10	10.67 15 12	14.72 15 6	16.92 15 7	17.32 15 8	15.49 15 8	12.02 15 7	8.22 15 8	4.62 15 10	3.39 15 13	84.69 5	34.72 6	119.41 5	1/56	12/70
26	6779	1.56 15 25	2.04 15 20	3.61 15 12	5.08 15 12	6.98 15 11	8.54 15 12	9.89 15 5	8.64 15 6	5.81 15 5	3.86 15 12	2.00 15 13	1.35 15 27	43.72 3	15.65 7	59.38 3	1/56	12/70
26	9171	1.16 13 30	1.61 12 29	2.92 13 18	4.39 13 19	6.67 13 19	8.95 13 17	11.61 13 8	9.75 13 8	6.57 13 12	3.89 12 18	1.93 13 14	1.08 12 19	47.27 6	12.95 7	60.38 5	1/56	12/70
NEW HAMPSHIRE																		
27	1683	0.78 15 26	0.95 15 22	1.88 15 18	3.15 15 22	4.82 15 16	5.23 15 18	5.57 15 14	4.83 15 7	3.07 15 13	2.21 15 16	1.14 15 22	0.82 15 19	25.73 7	8.72 12	34.44 8	1/56	12/70
NEW JERSEY																		
28	311	1.58 12 25	1.78 12 17	2.99 12 12	4.52 12 18	6.00 12 14	6.67 12 11	6.82 12 16	6.00 11 10	4.54 12 12	3.22 12 14	2.21 12 12	1.56 12 16	33.24 7	14.65 7	47.77 7	1/59	12/70
28	6026	1.65 15 25	1.84 15 17	3.15 15 13	4.51 15 14	5.89 15 18	6.72 15 10	6.89 15 18	6.36 15 12	4.92 15 12	3.71 15 13	2.39 15 11	1.64 15 16	34.51 8	15.18 7	49.69 7	1/56	12/70
NEW MEXICO																		
29	234	2.47 15 13	3.31 15 13	5.70 15 16	8.73 15 8	11.80 15 8	13.46 15 5	12.50 15 6	10.78 15 8	8.52 15 12	6.07 15 12	3.36 15 11	2.38 15 17	63.14 5	25.96 7	89.10 5	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
NEW MEXICO (continued)																		
29	7609	2.85 10 23	4 8 ***	6 9 ***	8 9 ***	12 9 ***	13 9 ***	11 9 ***	10 8 ***	8 9 ***	6 9 ***	4 9 ***	3 9 ***	60 ***	28 ***	88 ***	1/56	12/68
30	42	0.72 15 35	1.01 15 25	2.00 15 17	3.77 15 17	5.00 15 14	5.84 15 11	6.37 15 11	5.39 15 8	3.55 15 12	2.54 15 18	1.41 15 13	0.78 15 25	28.70 5	9.69 12	38.40 5	1/56	12/70
30	687	0.70 15 20	0.84 15 27	1.68 15 18	3.32 15 20	4.85 15 20	5.79 15 14	5.92 15 18	5.13 15 13	3.54 15 19	2.42 15 20	1.29 15 23	0.72 15 22	27.64 10	8.56 10	36.20 7	1/56	12/70
30	1012	0.97 14 25	0.98 15 18	1.75 15 16	3.35 15 23	5.07 15 16	6.50 15 12	6.93 15 11	5.72 15 10	4.07 15 12	2.74 15 18	1.51 15 12	1.01 15 19	31.02 5	9.65 7	40.89 3	1/56	12/70
30	5811	1.98 15 23	2.15 15 14	3.32 15 11	4.69 15 12	6.35 15 14	7.25 15 8	7.64 15 17	6.73 15 12	5.50 15 10	4.18 15 12	2.82 15 8	1.95 15 25	37.64 5	16.91 6	54.55 5	1/56	12/70
30	7167	0.91 15 51	0.94 15 24	1.79 15 18	3.50 15 19	5.21 15 18	6.56 15 11	6.78 15 12	5.69 15 8	3.79 15 12	2.68 15 18	1.45 15 17	0.94 15 25	30.71 6	9.53 12	40.24 5	1/56	12/70
30	8383	0.79 15 42	0.95 15 24	1.77 15 18	3.48 15 17	4.96 15 16	6.15 15 11	6.58 15 14	5.60 15 7	3.76 15 14	2.54 15 19	1.52 15 18	0.89 15 23	29.58 7	9.39 12	38.97 7	1/56	12/70
NORTH CAROLINA																		
31	1458	2.12 15 13	2.42 15 14	3.69 15 17	5.44 15 14	6.69 15 18	7.07 15 14	7.59 15 13	6.57 15 10	5.64 15 12	4.05 15 10	2.91 15 10	2.26 15 13	37.61 8	18.85 6	56.45 6	1/56	12/70
31	1690	1.95 15 16	2.44 15 8	4.07 15 17	6.04 15 8	7.16 15 12	7.63 15 12	7.64 15 11	7.06 15 8	5.45 15 12	3.87 15 17	2.70 15 10	2.07 15 10	38.81 3	19.27 5	58.08 3	1/56	12/70
31	3630	1.82 15 18	2.21 15 13	3.95 15 25	5.25 15 13	6.41 15 12	6.72 15 8	6.69 15 8	6.21 15 12	4.64 15 11	3.49 15 18	2.47 15 11	1.86 15 12	34.16 3	17.56 6	51.72 3	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
NORTH CAROLINA (continued)																		
31	7069	2.01 15 19	2.44 15 12	4.07 15 22	5.81 15 12	6.38 15 16	6.87 14 12	6.89 15 12	6.25 15 14	4.88 15 12	3.56 15 16	2.71 15 12	2.15 15 13	34.90 6	19.18 7	54.29 5	1/56	12/70
31	9457	2.10 15 18	2.64 15 12	4.21 15 18	6.35 15 8	7.31 15 12	7.24 15 8	7.53 15 14	6.40 15 11	5.34 15 10	4.00 15 14	2.86 15 12	2.39 15 10	37.81 5	20.55 8	58.35 5	1/56	12/70
31	9539	2.14 10 16	2.44 10 7	4 9 7	6 9 7	7 9 7	7 9 7	7 9 7	6 9 5	5 9 5	4 9 4	3 9 3	2 9 2	36 9	20 9	56 9	1/56	2/65
NORTH DAKOTA																		
32	819	0.55 15 38	0.71 14 24	1.95 14 31	4.07 15 17	6.49 15 16	7.28 15 18	8.68 15 16	8.11 15 17	4.82 15 18	3.27 15 20	1.33 15 26	0.68 15 35	38.65 8	9.37 11	47.48 7	1/56	12/70
32	2859	0.50 13 44	0.68 14 25	1.63 15 37	3.64 15 19	5.91 15 24	6.54 15 13	7.77 15 16	7.08 15 12	4.21 15 18	2.92 15 25	1.13 15 31	0.56 14 36	34.42 6	8.28 19	43.39 5	2/56	12/70
32	9425	0 9 ****	1 9 ****	1.53 10 31	3.56 10 19	6.19 10 13	6.93 10 13	9 9 14	7.72 10 14	5 10 14	3 9 ****	1 9 ****	1 9 ****	38 9	8 9	46 9	1/56	12/70
33	58	0.95 15 33	1.12 15 23	2.10 15 20	3.70 15 18	5.09 15 12	5.99 15 16	6.10 15 12	5.63 15 7	4.19 15 12	3.27 15 17	1.81 15 13	1.00 15 26	30.28 6	10.67 12	40.94 5	1/56	12/70
33	1657	1.02 15 32	1.16 15 22	2.15 15 22	3.89 15 16	5.86 15 12	6.84 15 8	6.83 15 8	5.89 15 11	4.24 15 11	3.12 15 18	1.87 15 12	1.20 15 25	32.78 5	11.29 10	44.07 5	1/56	12/70
33	1786	1.06 15 41	1.23 15 18	2.55 15 20	3.92 15 17	5.73 15 16	6.59 15 12	6.79 15 12	5.90 15 13	4.10 15 20	3.01 15 18	1.71 15 14	1.08 15 24	32.13 7	11.56 12	43.69 6	1/56	12/70
33	2075	1.14 15 35	1.38 15 16	2.58 15 20	4.35 15 17	6.34 15 16	7.58 15 11	7.46 15 14	6.81 15 10	5.04 15 10	3.54 15 16	1.90 15 14	1.22 15 19	36.77 6	12.56 8	49.34 6	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
OHIO (continued)																			
33	8357	Toledo WB Airport 41° 36', 83° 48'	0.81 15 32	1.09 15 23	2.13 15 25	3.66 15 18	5.86 15 16	6.63 15 11	6.83 15 12	5.84 15 7	4.09 15 7	2.94 15 20	1.51 15 31	0.83 15 19	32.20 6	10.03 11	42.23 6	1/56	12/70
33	9406	Youngstown WSO 41° 16', 80° 40'	0.84 15 31	1.00 15 16	2.06 15 18	3.58 15 18	4.97 15 14	5.89 15 8	5.88 15 14	5.29 15 10	3.88 15 14	3.02 15 20	1.72 15 23	0.92 15 18	28.93 6	10.11 8	39.04 5	1/56	12/70
OKLAHOMA																			
34	6661	Oklahoma City WFO 35° 23', 97° 36'	2.00 15 38	2.54 15 22	4.47 15 31	6.33 15 17	7.37 15 17	8.61 15 10	10.06 15 13	9.62 15 14	6.36 15 24	5.01 15 19	3.15 15 19	2.30 15 22	47.03 10	20.78 13	67.81 8	1/56	12/70
34	8992	Tulsa WSO 36° 10', 95° 53'	1.91 15 31	2.34 15 18	4.05 15 30	5.89 15 18	6.76 15 18	7.79 15 13	9.09 15 17	8.37 15 18	5.94 15 25	4.70 15 24	2.97 15 18	2.10 15 16	42.65 12	19.25 14	61.90 12	1/56	12/70
OREGON																			
35	328	Astoria WB Airport 46° 8', 123° 52'	0.95 15 23	1.24 15 32	1.83 15 24	2.53 15 14	3.73 15 13	4.10 15 13	4.81 15 11	4.02 15 12	2.82 15 12	1.58 15 22	1.03 15 19	0.96 15 74	21.07 5	8.54 12	29.61 5	1/56	12/70
35	5429	Medford WB Airport 42° 22', 122° 52'	0.73 15 26	1.30 15 18	2.62 15 20	4.08 15 16	5.93 15 16	7.99 15 18	10.28 15 10	8.77 15 11	5.87 15 11	2.75 15 20	0.99 15 31	0.57 15 43	41.59 6	10.30 10	51.89 6	1/56	12/70
35	6546	Pendleton WB Airport 45° 40', 118° 51'	1.13 15 44	1.68 15 26	3.16 15 12	4.72 15 18	6.73 15 17	9.31 15 10	11.88 15 7	9.92 15 10	6.74 15 10	3.53 15 18	1.62 15 17	1.09 15 35	48.10 5	13.39 11	61.50 5	1/56	12/70
35	6751	Portland WB Airport 45° 36', 122° 36'	1.07 15 29	1.47 15 26	2.23 15 18	3.06 15 16	4.65 15 20	5.77 15 18	7.45 15 13	6.12 15 16	3.89 15 16	2.05 15 17	1.25 15 20	0.89 15 16	30.23 11	9.97 6	40.30 8	1/56	12/70
35	7500	Salem WE Airport 44° 55', 123° 1'	0.93 15 29	1.24 15 24	2.09 15 23	2.90 15 18	4.10 15 18	5.44 15 14	7.41 15 12	6.17 15 14	4.20 15 13	2.13 15 12	1.09 15 25	0.79 15 38	29.46 8	9.04 7	38.50 7	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct***	Nov-- Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
PENNSYLVANIA																		
36	106	1.29 15 31	1.47 15 25	2.60 15 16	4.01 15 14	5.16 15 17	6.02 15 10	6.05 15 18	5.37 15 11	3.91 15 18	2.90 15 12	1.78 15 12	1.16 15 14	29.42 7	12.31 8	41.73 5	1/56	12/70
36	2682	1.09 10 38	1.02 11 17	1.96 11 20	3.62 11 19	5.11 11 17	6.34 11 17	6.58 11 11	5.79 11 7	4.31 11 10	3.48 11 17	2.03 11 11	1.32 11 18	31.61 5	11.09 12	42.82 5	2/60	12/70
36	3699	1.40 15 25	1.72 15 20	2.92 15 12	4.66 15 16	6.16 15 16	6.94 15 11	7.51 15 16	6.41 15 10	4.39 15 13	3.05 15 12	1.95 15 11	1.41 15 12	34.46 8	14.06 6	48.52 5	1/56	12/70
36	6889	1.47 15 25	1.78 15 19	3.00 15 16	4.67 15 14	6.19 15 13	7.08 15 6	7.13 15 11	6.44 15 8	4.74 15 12	3.35 15 6	2.18 15 10	1.56 15 17	34.93 5	14.67 8	49.60 5	1/56	12/70
36	6993	1.09 15 32	1.26 14 20	2.42 15 22	4.07 15 17	5.58 15 17	6.43 15 10	6.74 15 12	5.91 15 10	4.29 15 18	3.17 15 18	1.87 15 17	1.15 15 17	32.11 6	11.82 11	43.62 6	1/56	12/70
36	7905	0.94 15 30	1.13 15 20	2.12 15 20	3.87 15 19	5.41 15 17	6.10 15 12	6.22 15 14	5.45 15 10	3.71 15 17	2.60 15 17	1.52 15 17	0.98 15 16	29.49 7	10.55 11	40.04 7	1/56	12/70
36	9728	1.12 10 30	1.27 10 24	2.21 10 18	3.76 10 18	4.82 10 17	5.49 10 10	5.54 11 16	4.73 11 13	3.45 11 18	2.54 12 20	1.56 12 17	1.07 12 18	26.55 7	10.98 7	37.53 5	10/59	12/70
37	6698	1.49 15 23	1.66 15 16	2.83 15 11	4.35 15 16	5.75 15 14	6.17 15 13	6.51 15 14	5.77 15 12	4.16 15 8	3.09 15 13	2.05 15 12	1.51 15 12	31.45 7	13.88 6	45.33 6	1/56	12/70
SOUTH CAROLINA																		
38	1544	2.46 15 12	3.11 15 11	4.68 15 18	6.28 15 8	7.32 15 14	7.13 15 8	7.28 15 13	6.53 15 11	5.26 15 12	4.22 14 18	3.12 15 13	2.66 15 11	37.61 7	22.31 7	59.94 7	1/56	12/70
38	1939	2.01 15 12	2.53 15 8	4.45 15 14	6.47 15 7	7.21 15 16	7.51 15 13	7.67 15 11	6.99 15 13	5.55 15 10	3.92 15 14	2.82 15 8	2.23 15 12	38.85 6	20.52 5	59.37 5	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
SOUTH CAROLINA (continued)																			
38	3747	Greenville Spartanburg 34° 53', 82° 13'	2.09 15 18	2.56 15 8	4.33 15 18	6.01 15 12	6.88 15 14	6.92 15 12	7.08 15 10	6.67 15 13	5.06 15 12	3.93 15 17	2.92 15 12	2.17 15 10	36.56 6	20.07 6	56.63 5	1/56	12/70
SOUTH DAKOTA																			
39	4127	Huron WSO 44° 22', 98° 13'	0.69 14 39	0.83 15 47	2.15 15 44	4.45 15 17	6.26 15 14	7.68 15 22	8.89 15 14	7.68 15 11	4.96 15 18	3.52 15 20	1.60 15 25	0.84 15 33	38.99 10	10.62 16	49.90 8	1/56	12/70
39	6937	Rapid City WSO 44° 3', 103° 4'	1.31 14 26	1.49 15 23	2.80 15 26	4.69 15 16	6.51 15 14	7.67 15 22	9.27 15 14	9.15 15 14	6.26 15 16	4.55 15 19	2.26 15 16	1.49 15 25	43.42 10	14.16 7	57.75 7	1/56	12/70
39	7667	Sioux Falls WSO 43° 34', 96° 43'	0.78 15 30	1.00 15 23	2.23 15 37	4.45 15 10	6.50 15 11	7.76 15 16	8.49 15 12	7.35 15 10	4.80 15 17	3.63 15 18	1.69 15 18	0.93 15 29	38.53 6	11.09 11	49.62 6	1/56	12/70
TENNESSEE																			
40	1094	Bristol WB Airport 36° 28', 82° 23'	1.37 11 20	1.77 11 12	3.19 11 18	4.48 11 12	5.32 11 14	5.73 11 8	5.68 11 12	5.37 11 10	4.64 11 12	3.60 11 16	2.07 11 12	1.45 12 18	30.34 6	14.36 3	44.70 3	11/59	12/70
40	1656	Chattanooga WB Airport 35° 1', 85° 11'	1.48 15 18	1.98 15 11	3.56 15 17	5.29 15 10	6.41 15 13	6.52 15 13	6.68 15 12	6.17 15 13	4.87 15 12	3.33 15 18	2.10 15 11	1.54 15 12	33.99 7	15.95 6	49.94 5	1/56	12/70
40	4950	Knoxville WB Airport 35° 49', 83° 58'	1.45 15 18	1.94 15 10	3.62 15 19	5.37 15 12	6.65 15 13	6.61 15 16	6.71 15 16	6.26 15 13	4.95 15 11	3.41 15 17	2.11 15 11	1.56 15 23	34.57 8	16.04 5	50.61 6	1/56	12/70
40	5954	Memphis WB Airport 35° 3', 89° 58'	1.90 15 22	2.26 15 8	4.14 15 20	6.28 15 12	7.76 15 10	7.99 15 11	8.31 15 12	7.62 15 11	5.82 15 16	4.47 15 13	2.79 15 14	2.03 15 17	41.97 6	19.40 6	61.37 5	1/56	12/70
40	6402	Nashville WB Airport 36° 7', 86° 40'	1.50 15 31	1.87 15 18	3.45 15 27	5.43 15 12	6.78 15 11	7.31 15 11	7.52 15 11	6.87 15 12	5.14 15 14	3.72 15 19	2.14 15 14	1.67 15 19	37.34 6	16.07 12	53.41 5	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
TEXAS																		
41	16	3.32 15 20	3.45 15 20	6.04 15 25	7.80 15 20	9.61 15 20	10.83 15 13	11.74 15 14	10.78 15 10	7.39 15 20	5.95 15 18	4.03 15 20	3.27 15 23	56.30 8	27.91 12	84.21 8	1/56	12/70
41	211	2.99 15 25	3.22 15 25	5.65 15 31	8.26 15 18	10.77 15 17	11.27 15 10	11.54 15 12	10.30 15 10	7.67 15 17	6.51 15 22	3.91 15 22	3.14 15 20	58.06 8	27.17 13	85.23 8	1/56	12/70
41	428	2.78 15 22	3.26 15 17	5.20 15 18	5.99 15 14	7.67 15 16	9.12 15 16	10.60 15 12	9.68 15 12	7.00 15 13	5.35 15 18	3.57 15 22	2.78 15 23	49.42 7	23.58 12	73.00 8	1/56	12/70
41	1136	3.10 15 18	3.54 15 22	5.60 15 13	7.01 15 16	8.37 15 12	9.37 15 11	10.30 15 10	9.01 15 10	6.89 15 12	5.57 15 17	4.11 15 19	3.23 15 20	49.51 6	26.60 11	76.11 7	1/56	12/70
41	2015	2.82 15 20	3.35 15 22	5.37 15 13	6.38 15 13	7.35 15 17	8.91 15 16	10.11 15 12	9.24 15 11	6.98 15 12	5.76 15 12	4.01 15 17	3.13 15 18	48.63 8	25.06 10	73.54 8	1/56	12/70
41	2244	2.72 15 24	3.13 15 17	5.24 15 25	6.56 15 17	8.10 15 18	9.72 15 11	11.31 15 11	10.34 15 10	7.23 15 16	5.61 15 14	3.74 15 17	3.07 15 16	52.30 7	24.45 12	76.76 7	1/56	12/70
41	2797	3.86 15 18	5.02 15 8	8.23 15 16	11.51 15 5	14.25 15 6	14.83 15 5	13.22 15 6	11.82 15 8	9.23 15 13	7.16 15 12	4.56 15 12	3.52 15 12	70.52 3	36.70 6	107.22 5	1/56	12/70
41	3283	2.66 15 24	3.12 15 14	5.13 15 29	6.39 15 18	7.80 15 19	10.05 15 11	11.30 15 12	10.53 15 12	7.16 15 19	5.36 15 16	3.58 15 18	2.82 15 16	52.57 10	23.69 12	76.50 10	1/56	12/70
41	4305	2.91 15 23	3.39 15 12	5.03 15 17	5.85 15 12	7.39 15 8	8.38 15 12	8.64 15 8	7.81 15 13	6.50 15 13	5.38 15 14	3.60 15 16	2.84 15 16	44.09 7	23.61 10	67.33 7	1/56	12/70
41	5411	3.19 14 20	3.54 15 26	5.67 15 27	8.46 15 12	10.24 15 13	11.02 15 6	10.89 15 11	9.64 15 7	7.33 15 16	6.08 15 16	4.00 15 18	3.12 15 16	55.21 5	27.89 11	83.15 6	1/56	12/70
41	5890	3.48 15 22	3.93 15 18	6.75 15 20	9.17 15 12	11.24 15 12	11.79 15 7	11.92 15 12	11.04 15 10	7.90 15 13	6.33 15 18	4.22 15 18	3.42 15 17	60.11 6	30.97 11	91.12 7	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr	
TEXAS (continued)																				
41	7174	Port Arthur WB Airport 29° 58', 94° 1'	2.24	2.81	4.34	5.31	7.18	8.21	8.04	7.29	6.09	4.92	3.30	2.37	41.74	20.36	62.10	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15					
			18	18	12	12	10	12	12	12	12	14	12	17	14	6	7	6		
41	7943	San Angelo WSO 31° 21', 100° 30'	3.49	3.91	6.75	8.35	9.62	10.79	11.91	11.13	7.77	6.06	4.57	3.37	57.27	30.43	87.70	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15					
			19	18	25	14	14	13	11	11	11	18	17	36	19	7	8	6		
41	7945	San Antonio WSO 29° 31', 98° 28'	2.96	3.55	5.55	6.29	7.80	9.72	10.94	10.16	7.38	5.44	3.74	2.98	51.43	25.07	76.50	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15					
			20	18	17	14	18	11	10	11	12	18	18	17	8	12	10			
41	9364	Victoria WB Airport 28° 51', 96° 55'	3.07	3.41	5.03	5.93	7.12	8.11	9.02	8.52	6.66	5.35	3.90	3.18	44.64	24.33	68.98	1/56	12/70	
			12	12	12	12	12	12	12	11	12	11	11	11	11					
			19	18	12	12	12	14	11	12	13	17	17	14	7	8	7			
41	9419	Waco WB Airport 31° 37', 97° 13'	2.88	3.29	5.41	6.45	7.74	9.90	11.31	10.63	7.51	6.14	3.94	3.00	53.23	24.96	78.19	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15					
			22	18	24	17	14	13	13	12	17	22	18	20	10	12	10			
41	9729	Wichita Falls WSO 33° 58', 98° 28'	2.60	3.17	5.32	7.00	8.22	9.90	11.48	11.05	7.53	5.64	3.86	2.82	53.81	24.77	78.58	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15					
			29	24	31	17	16	12	12	11	20	22	17	16	8	14	10			
UTAH																				
42	7598	Salt Lake City WB Airport 40° 46', 111° 58'	1.14	1.72	3.54	5.37	8.60	10.56	13.35	11.21	7.62	4.53	2.00	1.01	55.87	14.78	70.65	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15					
			31	27	16	13	17	16	6	10	13	13	18	25	7	7	5			
VERMONT																				
43	1081	Burlington WSO 44° 28', 73° 8'	0.68	0.90	1.62	3.06	4.56	5.65	5.96	5.17	3.15	2.20	1.21	0.73	26.69	8.21	35.02	1/56	12/70	
			14	15	15	15	15	15	15	15	15	15	15	14	14					
			33	25	17	18	16	18	14	12	11	18	23	25	6	13	8			
VIRGINIA																				
44	5120	Lynchburg WSO 37° 19', 79° 11'	1.71	1.81	3.15	5.12	6.00	6.70	6.35	5.65	4.47	3.01	2.52	1.63	32.19	15.66	47.97	1/56	10/67	
			10	10	10	10	10	10	10	10	10	11	10	10	10					
			13	12	18	17	11	12	12	6	25	18	27	12	5	****	****			

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual****	Record Began Mo/Yr	Last Data Mo/Yr
<u>VIRGINIA (continued)</u>																		
44	6139	2.05 15 18	2.31 15 16	3.96 15 14	5.78 15 17	6.90 15 10	7.52 15 11	7.47 15 10	6.41 15 12	5.18 15 10	3.70 15 10	2.77 15 11	2.20 15 12	37.19	19.07	56.25	1/56	12/70
44	7201	1.66 15 18	2.03 15 14	3.51 15 18	5.36 15 14	6.64 15 10	7.12 15 12	7.06 15 11	6.11 15 10	4.58 15 12	3.24 15 16	2.45 15 12	1.73 15 13	34.75	16.75	51.50	1/56	12/70
44	7285	2.09 15 16	2.40 15 16	3.95 15 19	5.34 15 16	6.27 15 8	6.50 15 10	6.73 15 10	6.20 15 7	4.71 15 12	3.81 15 16	2.74 15 12	2.04 15 12	34.32	18.57	52.89	1/56	12/70
44	8084	1.45 10 27	1.84 10 20	3.35 10 18	4.67 10 18	5.77 10 12	6.57 10 6	6.82 10 12	6.23 10 11	4.50 10 16	3.17 10 16	2.18 10 13	1.51 10 17	33.06	15.01	48.06	1/61	12/70
<u>WASHINGTON</u>																		
45	6114	0.64 15 36	1.20 15 37	1.87 15 18	2.75 15 16	4.01 14 18	4.63 13 16	5.84 13 16	4.92 13 18	3.11 13 14	1.50 14 12	0.76 15 19	0.51 15 42	23.99	7.73	31.73	1/56	12/70
45	7473	1.15 15 17	1.57 15 26	2.30 15 18	3.18 15 13	5.08 15 18	5.80 15 16	7.00 15 13	5.53 15 16	3.52 15 17	2.00 15 24	1.23 15 26	1.02 15 30	28.92	10.44	39.36	1/56	12/70
45	7938	0.61 15 33	1.11 15 26	2.28 15 18	4.04 15 17	6.28 15 16	7.82 14 12	10.66 15 7	8.63 15 13	5.37 15 17	2.58 15 24	0.92 15 24	0.51 15 30	41.36	9.47	50.83	1/56	12/70
45	8332	1.62 11 23	1.56 11 23	2.06 11 23	2.50 11 18	3.24 11 18	3.37 10 26	2.97 11 18	2.49 11 22	2.25 11 13	1.83 11 25	1.59 10 25	1.21 11 37	16.07	10.59	26.66	1/56	12/66
45	9465	0.75 15 44	1.39 15 31	2.91 15 16	4.48 15 16	6.58 15 12	7.83 15 13	9.77 15 8	7.92 15 12	5.28 15 11	2.90 15 13	1.32 15 20	0.72 15 25	40.29	11.58	51.87	1/56	12/70
<u>WEST VIRGINIA</u>																		
46	1570	1.37 15 24	1.67 15 14	2.99 15 20	4.41 15 12	5.46 15 12	5.68 15 10	5.45 15 12	5.00 15 11	4.04 15 14	3.02 15 13	1.97 15 18	1.42 15 20	28.63	13.83	42.45	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Annual***	Record Begin Mo/Yr	Last Data Mo/Yr
WEST VIRGINIA (continued)																		
46	2718	0.99	1.21	2.23	3.14	4.33	4.39	4	4	3	2	1	1	22	10	32	1/56	6/68
		10	10	10	10	11	11	8	9	9	9	9	9	****	****	****		
		24	25	19	14	12	10	****	****	****	****	****	****					
47	3269	0.62	0.81	1.70	3.46	5.17	6.15	6.64	5.33	3.38	2.34	1.16	0.63	29.02	8.37	37.30	1/56	12/70
		14	15	15	15	15	15	15	15	15	15	15	15	7	13	7		
		24	29	30	18	12	12	12	12	12	25	19	25					
47	4370	0.74	1.03	1.99	4.31	6.15	6.95	7.26	6.11	3.85	3.20	1.45	0.80	33.43	10.08	43.36	1/56	9/68
		13	13	13	13	13	13	12	13	13	12	12	12					
		24	33	30	16	12	12	7	8	12	18	19	24	5	12	5		
47	4961	0.74	1.00	1.99	3.75	5.34	6.69	6.86	5.80	3.63	2.71	1.28	0.69	31.03	9.43	40.46	1/56	12/70
		14	15	15	15	15	15	15	15	15	15	15	15	6	12	6		
		27	24	25	14	25	14	8	10	13	20	14	30					
47	5479	0.85	1.09	2.01	3.82	5.57	6.70	7.25	5.96	4.04	2.88	1.55	0.90	32.39	10.22	42.62	1/56	12/70
		15	15	15	15	15	15	15	15	15	15	15	15					
		24	26	30	14	18	13	13	12	11	19	13	19	7	12	6		
WYOMING																		
48	1570	1.85	1.92	3.03	4.73	6.92	8.76	10.64	9.85	6.65	5.18	2.38	1.82	48.01	15.73	63.74	1/56	12/70
		15	15	15	15	15	15	15	15	15	15	15	15					
		25	23	27	18	12	16	10	6	13	41	19	24	7	7	5		
48	1675	2.42	2.41	3.32	5.26	7.01	8.16	9.23	8.61	6.18	4.77	2.95	2.51	43.96	18.87	62.83	1/56	12/70
		15	15	15	15	15	15	15	15	15	15	15	15					
		23	23	24	19	14	18	12	10	12	20	14	18	8	7	5		
48	5390	1.09	1.51	2.84	4.25	6.42	7.98	9.87	9.05	5.63	3.55	1.53	1.11	42.50	12.33	54.83	1/56	12/70
		15	15	15	15	15	15	15	15	15	15	15	15					
		31	24	17	13	16	18	7	7	18	22	22	22	6	5	5		
48	8155	0.96	1.11	2.33	3.96	5.56	6.56	8.64	7.86	4.59	3.27	1.52	1.16	36.65	11.06	48.03	1/56	11/70
		15	13	15	14	14	14	14	15	14	15	15	15					
		41	27	23	18	20	19	11	10	20	20	20	38	7	6	5		

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

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APPENDIX A

Example of Estimating Monthly Data for a Location with no Observed Data

In this example, steps for prorating data will be illustrated with some of the problems caused by incomplete records. The basic steps are the following:

1. Determine annual (or seasonal) values for potential (FWS) evaporation from the maps in the NOAA Technical Report NWS 33, Evaporation Atlas for the Contiguous 48 United States.
2. Locate appropriate stations which have data in the tables of this report.
3. Determine monthly fractions of annual (or seasonal) evaporation for the stations in the table by dividing the evaporation value for each month by the annual (or seasonal) value.
4. Multiply the monthly fractions just determined by the annual (or seasonal) value for the location of interest (as determined in step 1).

Suppose monthly mean potential evaporation is desired for Vaughn, New Mexico. Vaughn is located in the southwest corner of Guadalupe County.

1. From map 3 in the NOAA Technical Report NWS 33, Evaporation Atlas for the Contiguous 48 United States, the annual free water surface evaporation is found to be between the 55 and 60 inch isopleths. A linear interpolation would give approximately 58 inches. From map 2 the May-October evaporation is 41 inches.
2. The nearest stations to Vaughn having data in the table are Alamogordo Dam and Estancia. The elevation of Alamogordo Dam is between 4,000 and 4,500 feet. Vaughn is near 6,000 feet, and Estancia is 6,100 feet. There are only low hills between Estancia and Vaughn. Based on elevation and relief, Estancia would be the logical selection to prorate monthly values. However, because of the high elevation and limited period of record, Estancia has data only for the months from May to September. Because no annual (or May to October) value is listed, we cannot determine the required ratios. Santa Fe, found further north, is slightly higher and has some data for all the months of the year. It should be noted that Estancia has about 12 years of record in the tables and Santa Fe has up to 36 years in the summer and 17 years in the winter. Again, caution must be used in applying these data. It seems reasonable that those years when Santa Fe does have data in the winter are probably the milder years, and when the station lacks data it is likely that the weather was too cold and pans were frozen over during most of the winter period. If such is the case, then a true mean would be less than that indicated by the 17 years of available data.
3. To better illustrate the distribution of evaporation in this area, ratios of monthly to annual evaporation were computed for both Santa Fe and Alamogordo Dam and are shown in table A1.

Table A1

Monthly fractions of annual and seasonal evaporation at Alamogordo Dam and Santa Fe

Station	% of	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alamogordo Dam	Annual	.035	.043	.078	.102	.121	.137	.130	.113	.093	.067	.045	.035
	May-Oct					.182	.207	.197	.171	.140	.102		
Santa Fe	Annual	.022	.032	.058	.095	.134	.160	.142	.121	.104	.072	.037	.021
	May-Oct					.183	.218	.193	.164	.142	.100		

Table A2

Monthly potential evaporation (FWS), in inches, at Vaughn, New Mexico, based on ratios (fraction) in table A1 and on annual and seasonal values taken from maps in NOAA Technical Report "Evaporation Atlas for the United States"

Station	Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals of Estimated Monthly Values
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Alamogordo Dam	Annual	2.9	2.5	4.5	5.9	7.0	8.0	7.5	6.6	5.4	3.9	2.6	2.0	58.8
	May-Oct					7.5	8.5	8.1	7.0	5.7	4.2			41.0
Santa Fe	Annual	1.3	1.9	3.4	5.5	7.8	9.3	8.2	7.0	6.0	4.2	2.2	1.2	57.9
	May-Oct					7.5	8.9	7.9	6.7	5.8	4.1			36.9

4. Table A2 shows the monthly FWS evaporation at Vaughn resulting from multiplying the annual FWS from Atlas map 3 by monthly fractions based on the distributions at Alamogordo Dam and Santa Fe.

The evaporation estimates from table A2 are plotted in figure A1.

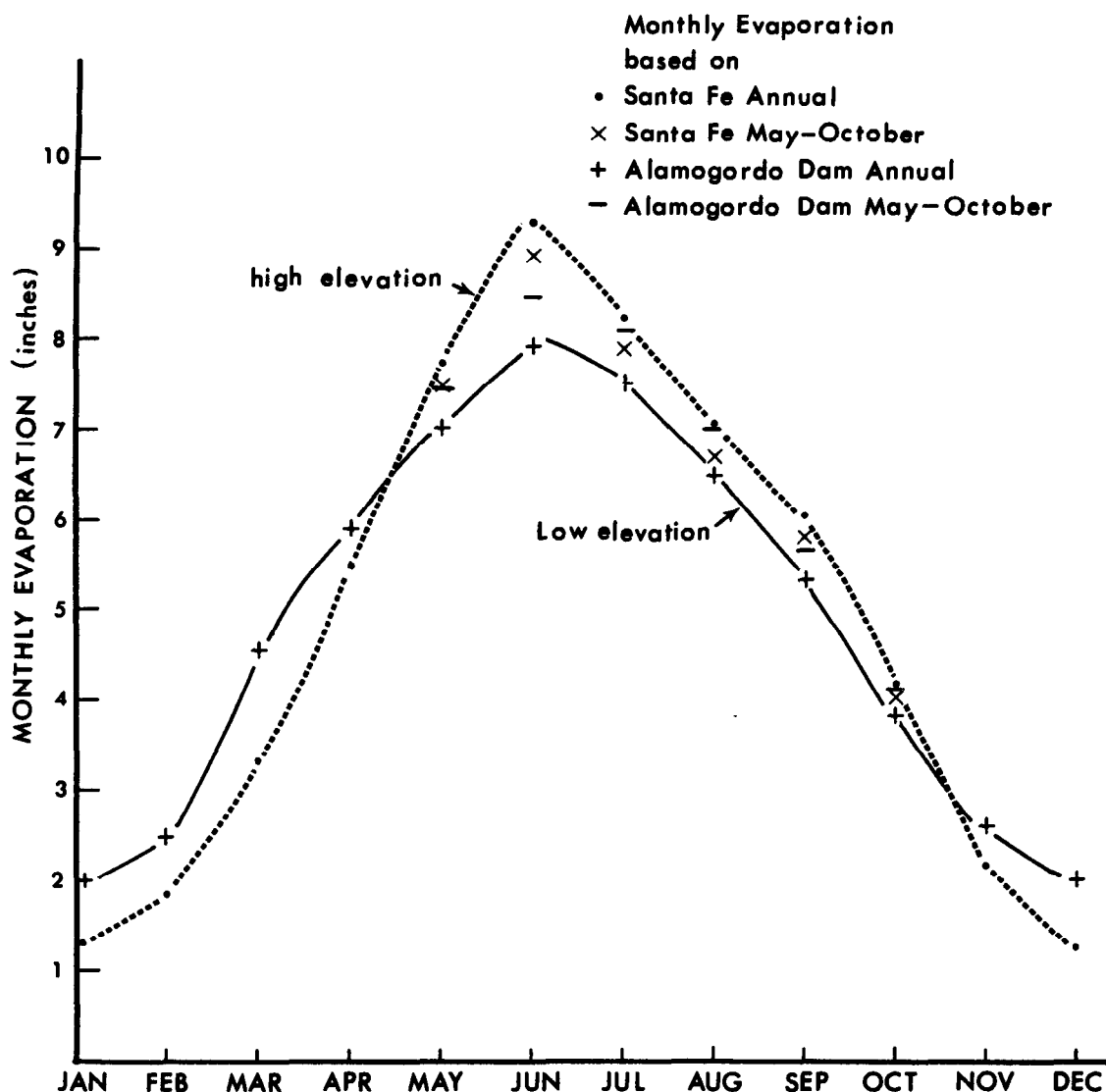


Figure A1. Monthly distribution at Vaughn, New Mexico based on evaporation distribution at Alamogordo Dam and Santa Fe.

The annual values are connected by lines. It is readily apparent that stations at higher elevations tend to have lower evaporation during the winter months and a higher fraction of the annual evaporation during the summer than do the stations at a lower elevation. Also apparent is a closer agreement of estimates based only on May-October ratios. Since Vaughn is only a little lower than Santa Fe and significantly higher than Alamogordo Dam, a reasonable decision would be to accept either the value estimated from Santa Fe or to take values from the graph between the values for the two sites but very near those for Santa Fe.

(Continued from inside front cover)

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