TEXAS WATER DEVELOPMENT BOARD

REPORT 192

EVAPORATION DATA IN TEXAS

Compilation Report

January 1907—December 1970

By

John P. Dougherty

June 1975

TEXAS WATER DEVELOPMENT BOARD

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EVAPORATION DATA IN TEXAS

Compilation Report

January 1907—December 1970

INTRODUCTION

The primary purpose of this report is to present a complete compilation of all available historical pan-evaporation data which have been obtained in Texas, spanning a 64-year period from January 1907 through December 1970.

The most recent previous compilation of this type for Texas was published in 1954, when listings of evaporation and associated meteorological data assembled by Bloodgood, Patterson, and Smith were issued as Texas Agricultural Experiment Station Bulletin 787. An earlier compilation by Karper was printed in 1933 as Texas Agricultural Experiment Station Bulletin 484.

This report was prepared under the general direction of C. R. Baskin, Principal Engineer—Data and Technical Review, and Everett W. Rowland, Director, Special Services Division. The tabulations of data presented herein were initially prepared and reviewed by John P. Dougherty, Chief, Hydrography Branch, with assistance from Herbert Cook, Assistant Director, Special Services Division. Machine printouts of the evaporation data were prepared by staff of the Electronic Data Processing Division.

STATUS OF EVAPORATION STATIONS

This report is a compilation of evaporation data gathered from 114 stations which have been in operation in Texas during some part of the period 1907-70. Locations of these stations are shown in Figure 1. As of December 1970, the Texas Water Development Board was cooperating in the operation of 48 evaporation stations, the National Weather Service was operating 28 stations, and the International Boundary and Water Commission was operating eight stations. Two of these stations were jointly operated—Beeville station by the Board and Weather Service, and Amistad Dam station by the Commission and Weather Service—so that the total number of stations in operation in December 1970 was 82.

SOURCES OF DATA

The following agencies, municipalities, and local interests participate or have participated or cooperated in maintaining equipment and gathering evaporation data during the period of this compilation report:

Federal Agencies

United States Department of State, International Boundary and Water Commission, United States Section

United States Department of Commerce, National Weather Service (Formerly United States Weather Bureau)

United States Department of the Army, Corps of Engineers

United States Department of the Interior, Bureau of Reclamation

United States Department of Agriculture, Agricultural Research Service

United States Department of the Interior, Geological Survey, Water Resources Division

State Agencies

Bistone Municipal Water Supply District

Brazos River Authority

Lower Colorado River Authority

Sabine River Authority of Texas

Texas Agricultural and Mechanical University, Texas Agricultural Experiment Station

Texas Forest Service

Texas Parks and Wildlife Department

University of Texas, Marine Science Institute

Municipalities

Childress

Corpus Christi

Houston

Sulphur Springs

Sweetwater

Wichita Falls

Local Interests

Aluminum Company of America

Dow Chemical Company

Houston Lighting and Power Company

Lone Star Steel Company

Port of Brownsville

Red Bluff Power Company

George Skeete Ranch

Texas Electric Service Company

Union Garbide Chemical Company

STANDARD EVAPORATION STATIONS

Specifications for the installation of a standard evaporation station for the Texas cooperative program were drawn up in 1941 when a need was recognized for attaining evaporation records which could be compared with confidence.

In 1919, the U.S. Weather Bureau developed specifications for a standard evaporation station. Those plans provided for a standard Weather Bureau station to consist of a 4-foot diameter pan, a cotton-region type instrument shelter, maximum and minimum thermometers, Townsend thermometer support, anemometer, micrometer hook gage, and a standard 8-inch rain gage. The station was enclosed by a 12 by 15 foot fence to prevent unauthorized access to the instruments and to keep animals from drinking the water from the evaporation pan. Specific orientation of the various instruments was also provided.

An antecedent agency of the Texas Water Development Board, the Texas Board of Water Engineers, in cooperation with the Texas Agricultural Experiment Station and the U.S. Department of Agriculture, Division of Irrigation, developed a standard plan in 1941 for evaporation stations in the Texas cooperative network based on the Weather Bureau specifications. Modifications included a larger fenced enclosure, 20 by 20 feet (minimum), to accomodate more than one type of pan and the installation of a recording hygrothermograph to measure temperature and relative humidity. Figure 2 shows plans and specifications for a standard cooperative station, and Figure 3 shows photographs of typical stations.

The first standard cooperative station in Texas was installed in August 1943 at Buchanan Dam by the Lower Colorado River Authority in cooperation with the Texas Board of Water Engineers. During subsequent years, approximately 60 standard cooperative stations have been established.

HISTORY OF EVAPORATION PANS

The bulk of evaporation measurements in Texas have been made from three types of evaporation pans. They are the Bureau of Plant Industry pan (BPI), National Weather Service pan (WS), and the Young screen pan (Y). Several other pan types and the evaporometer have been utilized in Texas, but the volume of record obtained with these is small compared to that from the three main types of evaporation pans.

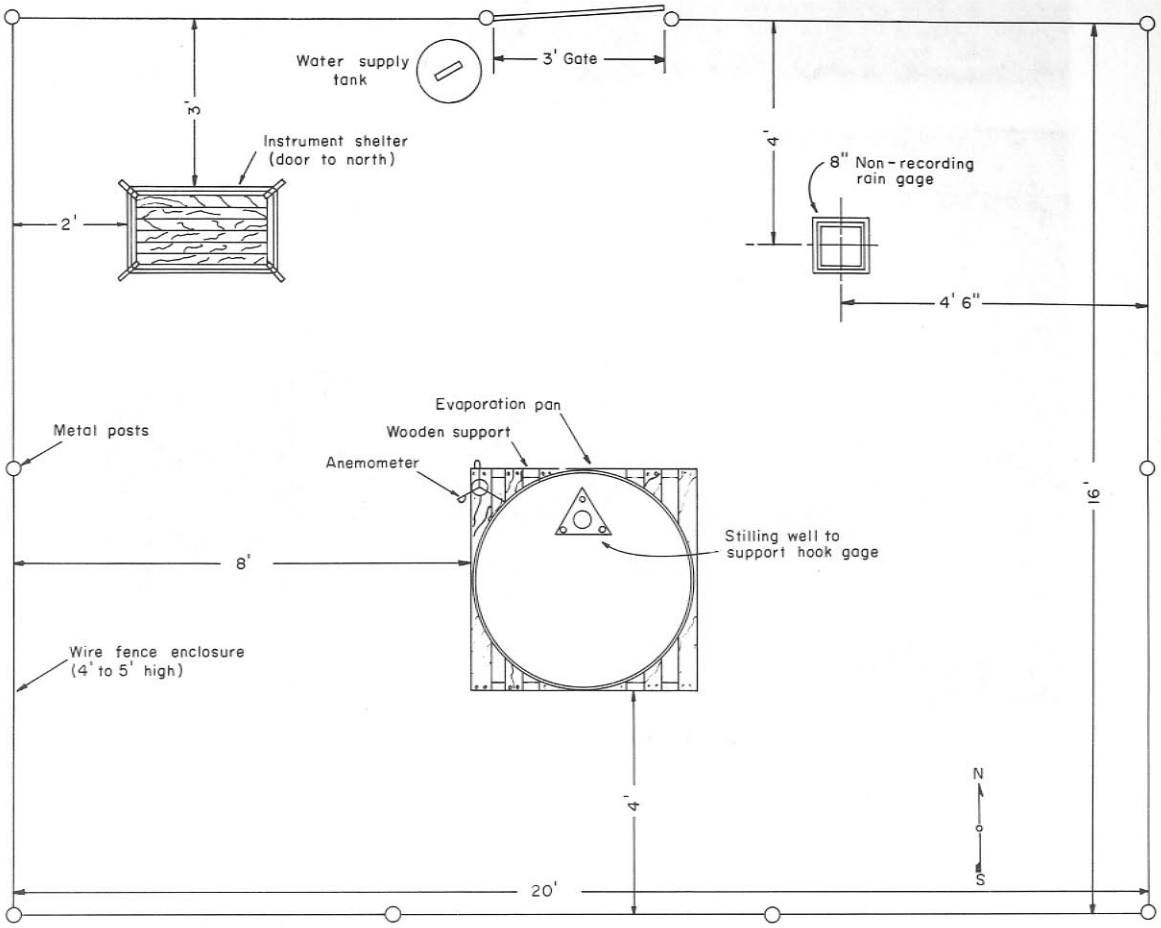


Figure 2.—Plans and Specifications for a Standard Cooperative Evaporation Station

Bureau of Plant Industry Pan

The Bureau of Plant Industry pan was the first evaporation pan to be put in use in Texas. It was designed by the U.S. Department of Agriculture and was installed at San Antonio in January 1907. This pan was 8 feet in diameter, 2 feet deep, and was sunk 20 inches in the ground. The 8-foot diameter BPI pan was installed at nine stations during the period 1907 through 1943.

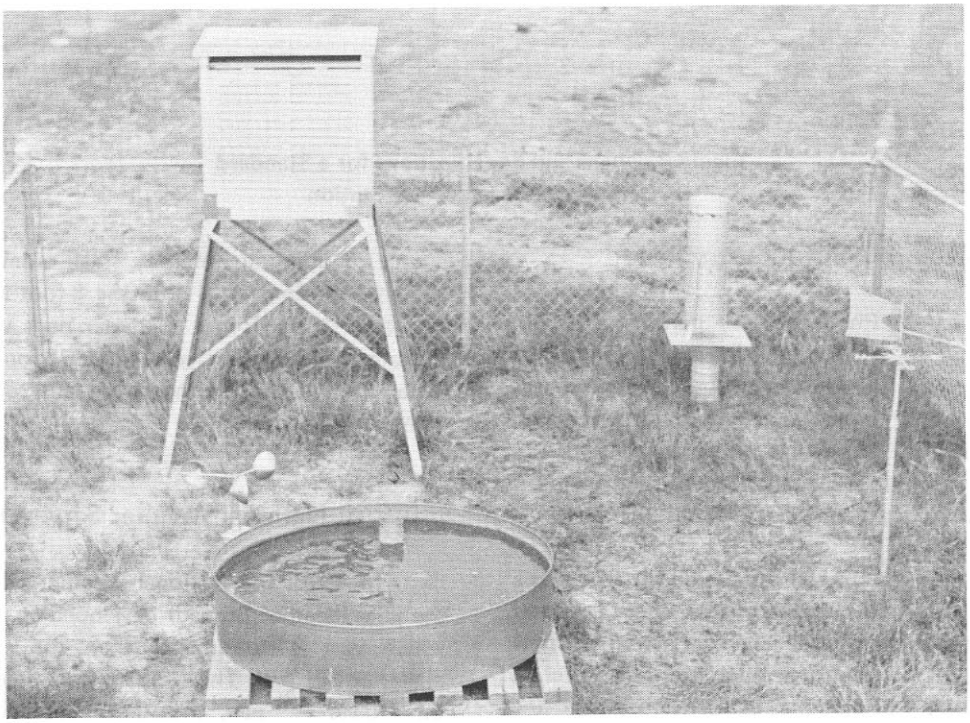
The Bureau later altered the design by adopting a diameter of 6 feet as a practical means of saving water and reducing fabrication costs. The first pan of this new size was installed at the Amarillo station on March 1, 1910. Eventually, 27 stations in Texas utilized the 6-foot diameter BPI pan. See Figure 4 for construction details of the 6-foot BPI pan.

The absence of adequately fenced enclosures at many stations in the early days contributed to the susceptability of the sunken BPI pan to being used as a source of drinking water by small animals, resulting in the gradual removal of both the 8-foot and 6-foot pans. The last of the 8-foot diameter pans was removed in September 1954. By December 1970, only two stations, Amarillo and Big Spring, were still operating 6-foot diameter BPI pans.

National Weather Service Pan

In 1916, the National Weather Service (formerly the U.S. Weather Bureau) developed an evaporation pan which was 2 feet smaller than the standard 6-foot diameter BPI pan. The WS pan, sometimes referred to as the "Class A" pan, measured 4 feet in diameter by 10 inches in depth, and was placed on a wooden platform at near ground level. This pan provided much better protection from use by small animals as a source of drinking water. See Figure 5 for construction details of the WS pan.

Station 12 miles southwest of Pecos



Station 4.5 miles north of Stephenville

Figure 3.—Typical Examples of Standardized Cooperative Evaporation Stations in Texas

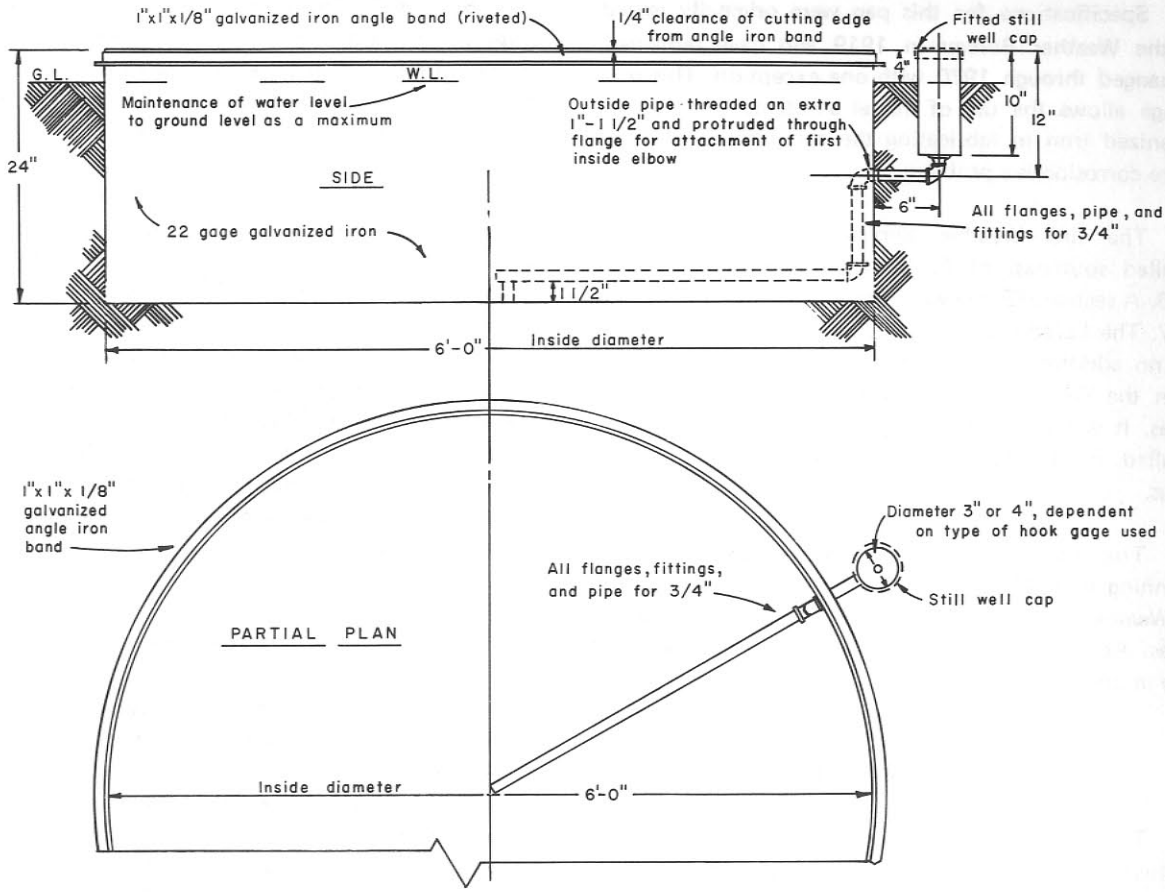
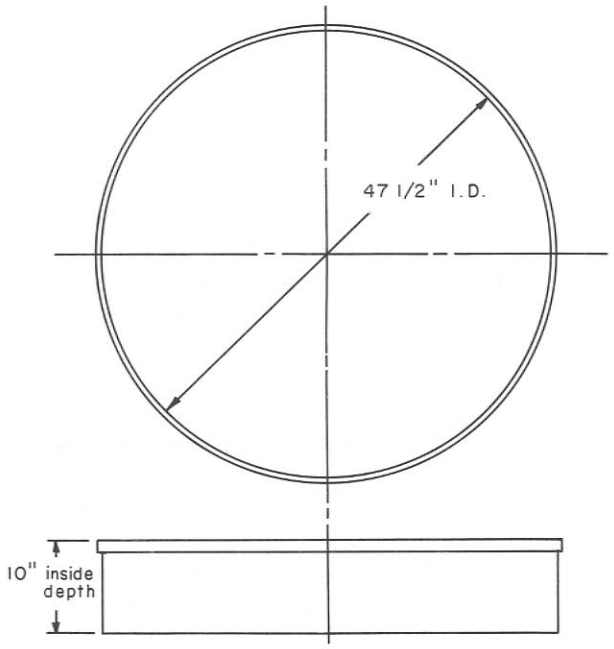


Figure 4.—Plans and Specifications for a Bureau of Plant Industry Evaporation Pan



NOTES

1. Material—Part To Be Fabricated Of .031" Monel Sheet, Cold Rolled, Annealed & Pickled In Accordance With Federal Specification QQ-N-281.
2. Seams To Be Welded (Inert Gas Arc) Or Silver Soldered All Welded Or Soldered Seams To Be Smooth & Continuous. Pan Shall Be Tested For Watertightness To Top Of Sidewall.
3. Sidewall Shall Be Perpendicular To Bottom & Upper Edge Parallel To Bottom.
4. Bottom To Be Fabricated From One Piece.
5. Sides May Be Fabricated From One But Not More Than 3 Pieces.

Figure 5.—Plans and Specifications for a National Weather Service Evaporation Pan

Specifications for this pan were originally issued by the Weather Bureau in 1919 and have remained unchanged through 1970 with one exception. This one change allows the use of monel sheetmetal instead of galvanized iron in fabricating the pan for use in areas where corrosion is a problem.

The first Weather Service pan in Texas was installed southeast of Austin at Hills Ranch in April 1916. A second WS pan was installed at Laredo in March 1917. The Laredo station was closed in November 1918 and no additional pans were installed until June 1928 when the Weather Bureau opened a station at Dilley, Texas. It was not until 1939 that more WS pans were installed. By 1940, eight stations were in operation in Texas.

The use of the WS pans increased steadily beginning in 1941. Through December 1970, a total of 88 Weather Service pans had been used at stations in Texas. As of December 1970, 72 Weather Service pans were in operation.

Young Screened Pan

The Young screened pan was first employed in southern California in 1936 by Arthur A. Young, research engineer, Division of Irrigation, U.S. Department of Agriculture. This pan measured 2 feet in diameter and 3 feet deep, and was fitted with a 1/4-inch-mesh screen over an open top. In operation, the pan was sunk 33 inches in the ground. See Figure 6 for construction details of the Y pan.

Mr. Young was attempting to develop an evaporation pan which would produce a pan-to-lake evaporation loss ratio close to unity. This pan closely approaches such a loss ratio under the climatic regime of southern California. However, variations in climatic regimes across Texas causes considerable variations in pan-to-lake ratios for this pan as well as all other types of evaporation pans.

The Y pan was first installed in Texas at the Buchanan Dam station in August 1943. This type of pan was ultimately used at many locations where the BPI pans were originally employed. Replacing the BPI pans with Y pans began in 1948 and changeovers occurred over a number of years. Most of the early pans were constructed of galvanized iron, but, like the WS pan, later models were fabricated of stainless steel or monel metal to combat corrosion problems.

By 1950, 15 Y pans had been installed at evaporation stations in the State. The next decade, 1951 through 1960, saw the greatest use of or conversion to the Y pan, when 31 were installed. By 1968, a total of 66 stations in Texas were using Y pans.

A decision was made in 1968 to begin a standardization program of replacing the existing Y pans with the standard WS pan. This undertaking was initiated in the interest of aiding comparisons of evaporation losses between geographical areas by adoption of a single pan type for general use. As a result of this conversion program, only 43 Y pans were still in operation as of December 1970. It is anticipated that in the next few years, only a limited number of stations will continue to maintain the Y pan, with these primarily for the purpose of obtaining comparative data with the WS pan.

Evaporometer

An evaporometer, sometimes called an atmometer, is a calibrated instrument used to measure the evaporation capacity of the air. These instruments consist of a small container of water connected to a porous surface from which evaporation takes place. By varying the dimensions of the components of the instrument, it can be calibrated against various types of evaporation pans to provide comparable data.

In Texas, the International Boundary and Water Commission (IBWC) is the only agency using this instrument. It was first used at the American Dam station in January 1938 and by February 1942, 10 additional stations within the Rio Grande drainage basin were equipped with this instrument.

All of the 11 evaporometers were discontinued by December 1942. The IBWC reinstalled evaporometers at two stations in January 1956, at Johnson Ranch and Presidio, and later installed one in July 1958 at the Brownsville station. All three of these instruments were still in use as of December 1970.

Miscellaneous Evaporation Pans

Evaporation pans of other sizes have been used sporadically in Texas during this 64-year compilation period. A 3-foot square by 18-inch deep pan, patterned after the Colorado square pan, was used at the Riesel station during the period January 1939 through December 1942. This pan was fabricated of copper and

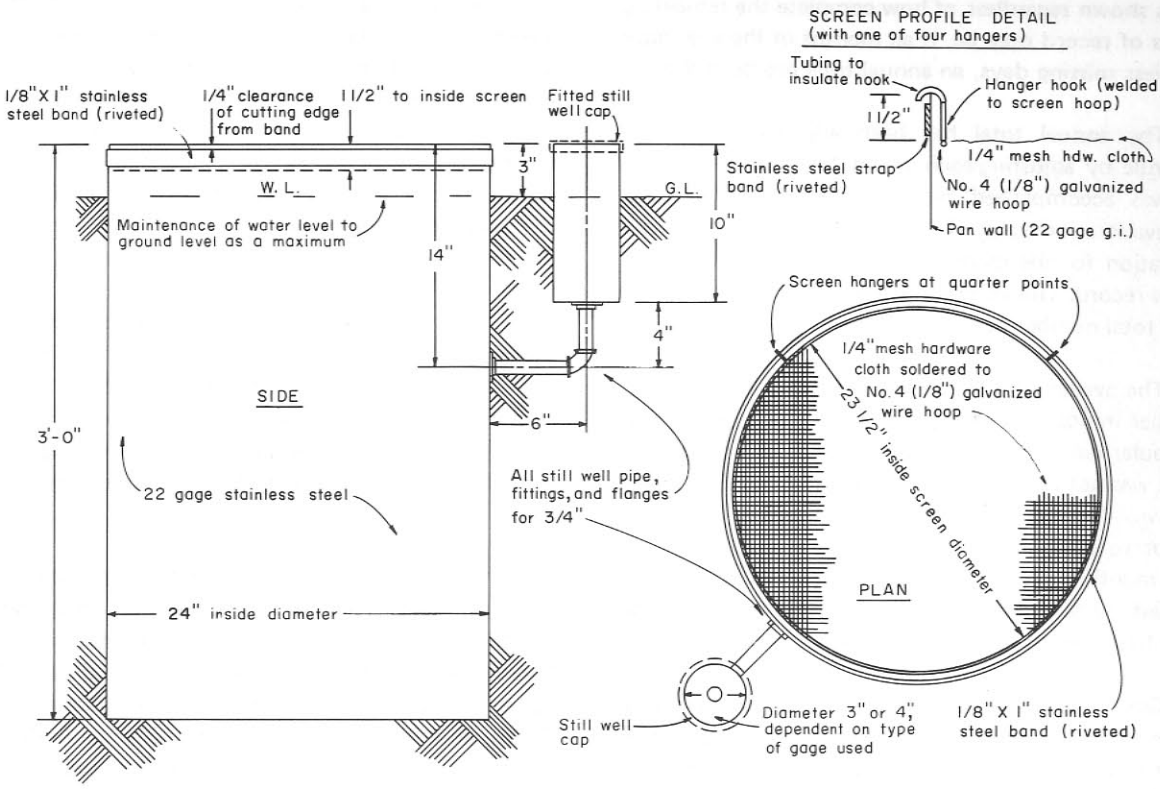


Figure 6.—Plans and Specifications for a Young Screened Evaporation Pan

sunk 14 inches in the ground. A 3-foot square pan made of galvanized metal was used at the Austin-Hills Ranch station during the period April 1916 through February 1930. This pan was placed on a floating platform and anchored on a small lake.

Various sized circular sunken pans were used at several stations in Texas, including a 3-foot diameter pan at Medina during the period January 1920 through November 1921; a 10-foot diameter pan at Winterhaven from October 1930 through April 1943; a 4.5-foot diameter pan at Spur from December 1941 through August 1954; and 12-foot diameter pans at three stations: Dryden from October 1949 through May 1956, Fort McIntosh from February 1950 through December 1955, and Falcon Dam from April 1956 through May 1960.

EXPLANATION AND USE OF DATA

Data provided include all available records from the first establishment of evaporation stations in Texas through 1970. Allowance has been made for any rain falling in the pans, so that the values shown represent the actual depth of evaporation from the pans, in inches.

To present in more readily usable form the mass of evaporation data that has been collected during the 64-year period 1907-70, two basic modifications have been incorporated in the format of earlier compilation reports. First, all of the records have been carefully reviewed on a daily basis for the purpose of eliminating those daily readings which were obviously erroneous or questionable. Second, the number of days of acceptable data are shown with the monthly evaporation.

To further assist the user of these data, the daily average evaporation for the period of record for each month of the year has been computed and shown at the end of each tabulation. To determine the average evaporation for any month, simply multiply the average daily evaporation by the number of days in the month.

The user will also note that numerous annual totals are not shown under the column titled "Adjusted Annual." The Texas Water Development Board has applied the "6-day missing record" rule used by the United States Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data Service in determining whether or not to show an annual total. To apply the rule, a year's data is reviewed to ascertain if any month has seven or more days of missing data. If such is the case, no annual

total is shown regardless of how complete the remaining months of record may be. If all months of the year have six or less missing days, an annual total has been shown.

The annual total has been adjusted under the 6-day rule by adjusting each incomplete month's record. This was accomplished by first obtaining an average daily evaporation value. To obtain this value, measured evaporation for the month is divided by the number of days of record. This computed average is then multiplied by the total number of days in that month.

The availability of evaporation data for any month is further indicated by the use of or lack of a dash (—) in the tabular data. If no dash is indicated, this means the station was not in operation during that month. If a dash is shown, this means that the station was in operation but, for varying reasons, no data are available for that entire month. As previously explained, the dash in the Adjusted Annual column indicates that at least one month has seven or more days of missing data.

Computational procedures necessary for applying pan-evaporation data to specific purposes are well known to most data users and will not be repeated here. The following words of caution, however, are felt desirable to prevent possible misunderstanding and misuse of the data by any uninformed readers.

Because evaporation rates are strongly affected by several factors, such as wind conditions and air and water temperatures, the evaporation rate as measured from a pan is not applicable to a larger body of water except as adjusted by use of proper numerical coefficients, typically between about 0.6 and 1.2 for areas in Texas. Similarly, data from one type of pan are not precisely comparable with data from another pan type except as adjusted by use of coefficients.

Detailed studies have shown further that, for best accuracy, a different coefficient generally should be used for each month of the year. Other important considerations include the strictly local conditions, such as topography and presence or absence of vegetational windbreaks which may affect wind velocity profiles across a water surface.

The use of evaporation coefficients is the subject of continuing research; consequently, computational practices currently in use will likely be modified as new knowledge becomes available. Further discussion of pan-evaporation coefficients may be found in U.S. Geological Survey Circular 229, Texas Agricultural Experiment Station Bulletin 787, and elsewhere in the scientific literature. Application of the available data to large reservoirs in Texas is made in Texas Water Development Board Report 64, *"Monthly Reservoir Evaporation Rates for Texas, 1940 through 1965".*

RECORDS OF EVAPORATION STATIONS IN TEXAS FOR PERIOD JANUARY 1907 THROUGH DECEMBER 1970

Monthly Evaporation in Inches
and Days of Record

Agua Verde

Operated by: International Boundary and Water Commission

Equipment type: National Weather Service 4-ft diameter pan.

Location: Terrell County, approximately 16 miles south of Dryden, lat. 29°48', long. 102°06'.

MONTHLY EVAPORATION IN INCHES AND DAYS OF RECORD

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1948	4.02 31	4.77 29	10.54 31	15.82 30	16.18 31	18.54 30	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	4.51 28	9.80 31	12.54 30	13.10 31								-
DAILY AVG.	.13	.16	.33	.47	.47	.62							

Alto

Operated by: Texas Forest Service and Texas Water Development Board.

Equipment type: Young screened 2-ft diameter pan.

Location: Cherokee County, 4 miles southwest of Alto, lat. 31°37', long. 95°08'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1955				3.03 25	3.76 27	4.81 28	5.09 30	5.34 31	5.05 30	4.75 29	3.61 30	1.85 27	-
1956	1.75 27	2.01 23	3.47 31	2.38 20	4.65 29	4.97 30	6.32 22	6.29 23	5.53 16	-	-	-	-
1957	-	-	2.78 25	1.42 14	4.09 31	1.94 14	4.38 25	3.54 15	4.45 27	2.94 21	1.86 21	2.26 28	-
1958	2.02 25	1.88 24	2.74 28	3.17 24	3.51 28	3.26 20	4.60 24	3.45 18	3.04 23	2.39 28	2.12 21	1.84 31	-
1959	1.71 23	1.58 21	3.03 31	2.62 20	3.60 30	4.12 27	4.38 26	3.19 18	3.73 27	3.33 30	2.80 23	1.46 28	-
1960	1.81 27	1.65 23	3.38 30	3.38 24	3.69 22	4.04 24	3.71 22	4.68 31	4.41 30	2.84 30	2.08 23	1.51 16	-
1961	1.99 28	1.29 20	2.73 28	3.49 30	3.04 21	3.37 26	2.78 21	3.26 21	3.92 28	3.32 31	2.18 22	1.68 24	-
1962	1.24 28	1.64 28	.13 2	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	3.24 30	2.79 21	4.74 29	5.08 31	6.07 31	5.24 30	4.23 31	2.88 26	2.08 31	-
1964	2.66 31	1.90 29	2.57 31	2.78 30	2.84 28	3.00 22							-
DAILY AVG.	.07	.07	.10	.12	.13	.16	.18	.19	.17	.12	.11	.07	

Notes: Station located within 150 feet southwest of a one-story building and some pine trees which altered wind movements at this station.

Amarillo (Old)

Operated by: U.S. Department of Agriculture, Bureau of Plant Industry, Division of Genetics and Biophysics.

Equipment type: Bureau of Plant Industry 8-ft diameter pan.

Location: Potter County, in Amarillo, lat. 35°13′, long. 101°50′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1907				6.36 30	8.05 31	9.58 30	10.67 31	9.39 31	7.91 30	-	-	-	-
1908	-	-	-	7.32 30	9.28 31	10.38 30	8.08 31	8.58 31	6.78 30	-	-	-	-
1909	-	-	5.51 31	8.13 30	10.02 31	10.34 30	9.96 31	9.66 31	8.42 30				-
DAILY AVG.			.18	.24	.29	.34	.31	.30	.26				

Notes: Exposure unknown.

Amarillo (Old)

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1910			7.72 31	8.49 30	8.03 31	12.01 30	12.17 31	8.81 31	9.09 30	6.42 31	-	-	-
1911	-	-	5.06 23	7.36 30	10.10 31	11.48 30	7.47 31	8.90 31	7.27 30	5.93 31	-	-	-
1912	-	-	-	7.05 30	9.90 31	8.99 30	10.95 31	9.49 31	6.49 30	5.44 31	-	-	-
1913	-	-	1.75 9	7.74 30	9.81 31	7.07 30	12.73 31	10.45 31	5.99 30	-	-	-	-
1914	-	-	-	6.70 30	6.74 31	10.12 30	8.75 31	8.93 31	8.04 30	-	-	-	-
1915	-	-	-	4.58 30	6.92 31	8.83 30	9.31 31	7.30 31	5.98 30	4.44 31	-	-	-
1916	-	-	-	5.96 30	10.29 31	10.66 30	11.66 31	10.21 31	7.67 30	5.13 31	-	-	-
1917	-	-	-	7.68 30	7.62 31	12.48 30	12.43 31	8.57 31	5.96 30	-	-	-	-
1918	-	-	-	6.99 30	11.01 31	10.13 30	10.74 31	10.34 31	7.38 30	5.06 31	-	-	-
1919	-	-	-	4.65 30	5.03 31	7.09 30	9.47 31	8.42 31	6.14 30	4.37 31			-
DAILY AVG.			.23	.22	.28	.33	.34	.29	.23	.17			

Notes: Exposure unknown.

Amarillo-Bushland

Operated by: U.S. Department of Agriculture, Agricultural Research Service, Southwestern Great Plains Field Station; and Texas Water Development Board.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Potter County, 1 mile west of Bushland, lat. 35°11', long. 102°05'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1941				7.28 30	6.45 31	9.05 30	8.13 31	9.75 30	7.19 28	-	-	-	-
1942	-	-	-	6.36 30	10.42 31	10.50 30	12.83 31	8.62 30	6.60 30	-	-	-	-
1943	-	-	-	9.55 30	9.53 31	13.73 30	10.81 31	12.93 30	9.18 30	-	-	-	-
1944	-	-	-	7.63 27	9.11 31	10.52 30	10.34 31	11.90 31	7.44 29	-	-	-	-
1945	-	-	-	6.46 27	11.74 31	11.84 30	12.57 31	11.58 31	10.97 28	-	-	-	-
1946	-	-	-	10.76 30	11.12 29	14.33 30	15.94 31	13.08 31	8.26 30	-	-	-	-
1947	-	-	-	6.36 30	8.28 31	12.12 30	13.89 31	13.05 31	11.89 30	-	-	-	-
1948	-	-	-	11.42 30	10.39 31	11.40 30	12.47 31	9.56 31	8.96 30	-	-	-	-
1949	-	-	-	6.28 27	7.35 30	7.81 30	10.15 31	9.56 31	6.79 30	-	-	-	-
1950	-	-	-	10.37 30	13.06 31	12.76 30	8.94 31	8.77 31	5.38 30	7.10 31	4.67 30	5.14 25	-
1951	2.84 31	3.36 28	6.75 31	9.27 30	9.67 29	10.69 30	12.86 31	12.18 31	9.66 30	7.01 31	3.08 30	2.20 28	90.47
1952	3.12 17	4.75 29	6.49 31	8.49 30	10.23 31	15.36 30	12.83 31	13.22 30	9.70 30	8.00 31	-	-	-
1953	-	-	-	10.65 30	13.87 31	19.23 30	13.62 30	10.73 31	11.06 30	6.47 29	3.17 28	-	-
1954	2.55 27	6.30 28	7.35 31	9.08 30	7.57 30	12.63 30	13.70 31	12.67 31	11.83 30	7.06 31	5.32 30	4.45 26	101.99
1955	-	4.14 23	7.78 26	11.93 30	10.44 31	11.71 30	13.12 31	11.37 31	8.93 29	7.38 31	5.49 30	3.94 31	-
1956	3.04 28	2.33 10	9.03 31	10.90 30	14.54 30	13.18 30	12.42 30	12.61 31	12.05 30	8.13 31	4.88 30	4.07 31	-
1957	3.39 25	3.71 28	4.57 27	6.18 29	7.13 30	10.92 30	15.54 31	10.05 31	8.23 30	4.75 31	2.49 30	4.15 31	83.05
1958	1.66 31	2.10 17	1.63 28	6.51 30	7.57 28	12.17 28	12.67 31	10.86 31	8.29 30	5.74 31	3.61 30	2.53 27	-
1959	-	3.69 21	7.15 31	8.41 30	10.37 31	10.96 30	11.17 31	10.95 31	10.05 30	5.31 31	3.42 30	1.99 23	-
1960	-	.61 7	4.59 23	8.95 30	10.64 31	10.66 29	8.15 26	9.52 30	6.70 28	4.55 29	3.91 30	.80 8	-
1961	1.26 11	1.61 9	4.94 22	8.02 30	10.71 31	9.80 30	10.23 31	9.94 31	8.54 30	7.12 31	1.81 30	.74 8	-
1962	1.12 31	3.98 20	6.57 27	7.62 29	12.62 30	10.26 30	10.77 30	11.82 31	6.41 29	6.83 30	3.95 27	2.26 31	-
1963	1.07 10	3.58 28	8.41 31	12.68 30	11.59 31	10.83 29	14.19 31	8.99 29	7.53 30	7.51 30	4.93 30	1.36 31	-
1964	1.06 31	2.32 29	5.51 31	11.19 30	13.24 31	13.03 30	15.47 31	12.86 31	7.61 30	7.19 31	3.82 30	2.42 31	95.72
1965	2.15 31	2.91 28	2.73 31	9.23 30	10.67 31	8.46 26	12.11 31	9.72 31	7.83 30	6.04 31	4.43 30	2.58 31	80.15
1966	1.57 31	.80 28	7.94 31	8.34 30	11.11 29	12.55 30	15.02 31	10.19 31	7.28 30	7.83 31	6.92 30	2.44 31	92.75
1967	1.67 31	2.61 28	8.80 31	9.94 28	11.55 31	9.66 28	11.06 31	10.57 31	8.18 30	10.18 31	3.98 30	2.27 31	91.87
1968	1.04 31	.97 29	5.02 31	8.41 30	8.83 27	12.19 29	10.17 29	10.40 30	9.73 30	7.77 30	3.79 30	1.10 31	82.43
1969	1.18 31	2.15 28	3.09 31	8.81 30	9.21 30	11.51 30	10.67 27	10.81 29	6.36 30	5.07 28	2.83 30	.93 31	75.78
1970	1.52 31	2.38 28	3.20 31	6.88 27	12.74 30	12.31 29	12.59 30	12.45 31	9.07 30	4.86 30	2.69 30	1.91 31	84.78
DAILY AVG.	.07	.12	.20	.30	.34	.40	.40	.36	.29	.22	.13	.09	

Notes: Good exposure.

Amarillo-Bushland

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950								8.03 31	4.99 30	5.82 31	4.32 30	4.70 25	-
1951	2.12 31	2.94 28	5.52 31	7.88 30	8.14 29	9.35 30	11.21 31	10.68 31	8.77 30	6.71 31	2.92 30	1.90 8	-
1952	2.69 17	4.23 29	5.92 31	7.46 30	8.99 31	13.03 30	11.44 31	12.08 31	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	2.63 15	6.50 26	9.58 30	9.17 31	9.98 30	11.40 31	9.86 31	8.02 29	6.49 31	4.54 30	3.51 31	-
1956	2.44 28	1.92 10	7.53 31	9.19 30	11.78 30	11.28 30	10.85 30	10.77 31	10.54 30	7.22 31	4.42 30	3.52 31	-
1957	3.04 25	3.21 28	4.08 27	5.36 29	6.47 30	9.24 30	13.01 31	8.95 31	7.36 30	4.74 31	2.15 30	3.36 31	72.69
1958	1.08 18	1.67 19	1.58 28	5.58 30	7.84 31	11.40 30	11.65 31	9.63 31	7.61 30	5.07 31	3.15 30	2.41 28	-
1959	-	3.09 21	5.94 31	7.15 30	9.05 31	9.98 30	10.47 31	10.09 31	9.37 29	4.95 31	3.05 30	1.53 23	-
1960	-	.62 7	4.03 23	7.80 30	9.09 31	9.40 29	3.78 15	5.40 19	6.09 28	4.54 29	3.77 30	.56 8	-
1961	1.06 11	1.08 9	3.95 22	6.43 30	8.69 29	8.36 30	9.42 31	8.97 31	7.47 30	6.43 31	1.83 30	.77 8	-
1962	1.10 7	3.44 21	5.74 20	6.47 29	10.84 30	9.04 30	9.49 31	9.45 31	5.35 30	5.46 30	3.14 27	1.99 31	-
1963	2.39 31	2.09 28	6.79 29	8.19 21	9.64 31	8.22 29	11.28 31	4.29 15	6.63 30	6.12 31	3.75 30	1.26 31	-
1964	.93 9	.30 2	4.54 25	9.06 30	10.57 31	10.18 30	12.52 31	10.75 31	6.50 30	5.74 31	3.28 30	1.89 31	-
1965	1.73 22	-	1.60 12	7.35 30	8.55 30	6.40 25	9.90 31	7.96 31	6.69 30	5.05 31	3.69 30	1.39 22	-
1966	1.21 12	-	5.72 29	5.68 26	6.81 23	9.93 30	11.97 31	8.47 31	6.13 30	6.36 31	4.31 30	2.51 31	-
1967	1.54 31	1.90 16	6.98 30	7.65 27	8.97 30	8.00 28	8.44 29	8.88 30	7.11 30	7.95 31	3.01 28	.69 5	-
1968	.28 4	.59 4	2.71 16	7.74 27	6.50 25	9.22 29	8.15 29	8.22 29	7.51 30	5.99 30	2.52 26	-	-
1969	-	-	2.56 13	6.98 29	7.59 31	8.87 30	9.01 30	8.58 29	4.96 29	4.33 31	2.60 22	.73 9	-
1970	-	-	-	6.20 23	9.89 31	8.71 29	8.95 30	9.05 31	6.88 30	4.34 28	1.75 14	-	-
DAILY AVG.	.09	.13	.19	.26	.30	.32	.34	.31	.24	.19	.11	.09	

Notes: Good exposure.

Amarillo-Bushland

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950								7.26 31	4.93 30	5.76 31	4.64 30	4.74 25	-
1951	2.45 31	2.96 28	5.76 31	7.82 30	7.57 29	8.69 30	11.78 31	11.53 31	9.67 30	7.35 31	3.61 30	1.97 28	81.88
1952	2.96 17	4.66 29	6.13 31	7.62 30	9.01 31	13.26 30	11.57 31	11.02 31	9.66 30	8.51 31	4.71 22	1.37 18	-
1953	4.04 31	4.11 28	8.61 31	10.35 30	12.72 31	18.26 30	12.90 30	9.08 31	10.28 30	6.23 28	3.55 28	1.28 21	-
1954	2.01 27	5.74 28	7.02 31	7.86 30	6.71 30	10.45 30	12.48 31	11.00 31	10.82 30	6.98 31	5.13 30	4.37 26	91.93
1955	.90 9	2.79 23	7.03 26	10.05 30	8.91 31	9.95 30	11.45 31	9.95 31	8.51 29	7.28 31	5.59 30	3.78 31	-
1956	3.00 28	2.10 10	8.21 31	9.66 30	11.92 30	11.68 30	11.26 30	11.49 31	11.70 30	8.46 31	5.49 30	4.28 31	-
1957	3.91 25	3.64 28	4.41 27	5.79 29	6.37 30	9.54 30	14.28 31	9.04 31	7.63 30	5.15 31	2.66 30	3.91 31	78.33
1958	1.68 31	2.01 20	1.52 22	5.29 30	6.82 31	11.74 30	11.18 31	11.14 31	8.33 30	5.97 31	3.82 30	2.78 28	-
1959	1.05 18	3.35 21	6.49 31	7.36 30	9.47 31	10.04 30	9.46 31	10.00 31	9.07 30	5.27 31	3.38 30	1.91 23	-
1960	.22 4	.52 9	3.56 23	7.15 30	8.34 31	8.85 29	6.19 26	7.59 30	5.82 28	4.72 29	4.00 30	.77 8	-
1961	.91 11	1.29 9	3.97 22	6.25 30	8.29 31	7.78 30	8.21 31	8.73 31	7.35 30	6.23 31	2.25 30	1.34 31	-
1962	.86 31	3.59 28	4.92 31	5.29 30	8.70 31	7.13 30	7.27 31	7.71 31	4.62 30	5.36 31	3.01 30	1.83 31	60.29
1963	.88 10	1.87 27	5.75 31	8.57 30	7.81 31	6.56 30	9.27 31	6.16 29	4.35 30	4.64 30	2.91 30	1.68 31	-
1964	1.59 31	.91 29	2.81 31	7.22 30	8.41 31	7.97 30	9.63 31	9.06 31	5.93 30	5.08 31	3.18 30	1.82 31	63.61
1965	2.17 31	1.69 28	2.81 31	6.39 30	7.62 31	5.06 26	7.90 31	6.19 31	5.91 30	4.56 31	3.99 30	2.38 31	57.44
1966	1.33 31	.52 28	4.85 31	5.75 30	7.89 30	7.72 30	9.67 31	7.69 31	5.42 30	6.30 31	4.35 30	2.25 31	64.00
1967	1.34 31	1.97 28	6.08 31	6.98 30	8.65 31	6.31 30	7.82 31	8.49 31	6.69 30	8.77 31	3.71 30	2.62 31	69.43
1968	1.80 31	2.21 29	4.06 31	7.33 30	5.67 26	8.56 30	7.12 31	7.75 31	7.52 30	6.43 31	3.02 30	2.20 31	64.76
1969	1.50 31	1.46 28	2.94 31	5.91 30	6.37 31	7.80 30	7.70 31	9.00 31	4.76 30	4.04 31	3.07 30	2.17 31	56.72
1970	1.75 31	1.55 28	2.75 31	5.29 30	8.58 31	7.95 30	8.24 30	8.06 31	6.70 30	4.23 31	2.27 30	2.25 31	59.89
DAILY AVG.	.07	.10	.17	.24	.27	.31	.32	.29	.25	.20	.13	.09	

Notes: Good exposure.

American Dam

Operated by: International Boundary and Water Commission.

Equipment type: Evaporometer.

Location: El Paso County, 2.8 miles northwest of El Paso, lat. 31°47', long. 106°32'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1938	3.96 31	3.83 28	8.64 31	10.28 30	14.00 31	13.87 30	10.70 31	12.48 31	6.94 30	6.88 31	6.37 30	4.62 31	102.57
DAILY AVG.	.13	.14	.28	.34	.45	.46	.35	.40	.23	.22	.21	.15	

Notes: Calibrated against the 4-ft Weather Service pan.

Amistad Dam

Operated by: International Boundary and Water Commission.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Val Verde County, 10.2 miles northwest of Del Rio, lat. 29°28', long. 101°02'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1963			10.47 31	9.92 30	11.26 31	13.24 30	17.82 31	18.33 31	12.29 30	9.38 31	6.02 30	3.50 31	-
1964	5.85 31	5.38 29	10.89 31	12.19 30	13.23 31	16.05 30	18.89 31	15.66 31	10.11 30	7.59 31	5.00 30	3.40 31	124.24
1965	4.75 31	4.00 28	7.11 31	10.71 30	8.96 31	12.18 30	17.53 31	15.08 31	11.82 30	7.72 31	4.48 30	2.95 31	107.29
1966	3.02 31	4.18 28	8.35 31	10.56 30	8.39 31	11.91 30	16.59 31	12.16 31	8.49 30	7.64 31	6.32 30	4.80 31	102.41
1967	5.07 31	5.36 28	9.16 31	9.46 30	15.11 31	17.51 30	19.12 31	14.26 31	9.81 30	8.83 31	3.59 30	3.62 31	120.90
1968	2.26 31	3.53 29	5.32 31	8.67 30	8.96 31	12.46 30	13.44 31	15.82 31	9.47 30	7.77 31	5.47 30	4.31 31	97.48
1969	3.70 31	4.73 28	9.00 31	10.40 30	10.15 31	14.56 30	17.57 31	16.19 31	9.47 30	6.00 31	3.50 30	2.84 31	108.11
1970	2.68 31	3.76 28	6.11 31	7.91 30	12.18 31	11.83 30	14.40 31	13.63 31	10.15 30	6.02 31	5.40 30	3.59 31	97.66
DAILY AVG.	.13	.16	.27	.33	.36	.46	.55	.49	.34	.25	.17	.12	

Notes: Good exposure.

Angleton

Operated by: Texas Agricultural Experiment Station and Texas Water Development Board.

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

Location: Brazoria County, 1 mile northwest of Danbury, lat. 29°14′, long. 95°22′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1915	1.83 31	2.22 28	3.42 31	3.31 30	6.40 31	6.84 30	6.91 31	4.56 31	4.71 30	3.85 31	2.87 30	1.39 31	48.31
1916	1.74 31	2.44 29	4.57 31	4.61 30	6.01 31	5.96 30	4.30 31	4.11 31	4.50 30	3.91 31	2.69 30	2.52 31	47.36
1917	1.80 31	2.25 28	3.23 31	3.89 30	4.68 31	5.55 30	6.28 31	5.34 31	4.74 30	4.24 31	2.72 30	1.96 31	46.68
1918	2.07 31	1.74 28	4.21 31	4.35 30	5.44 31	6.57 30	6.80 31	5.62 31	5.50 30	3.35 31	2.52 30	2.08 31	50.25
1919	1.57 31	2.22 28	3.17 31	4.31 30	4.68 31	4.32 30	4.57 31	5.06 31	4.71 30	3.22 31	2.66 30	2.02 31	42.51
1920	1.93 31	2.58 29	3.15 31	4.39 30	4.94 31	4.90 30	5.22 31	3.72 30	4.80 30	3.53 31	2.84 30	2.01 31	44.13
1921	2.12 31	2.34 28	3.05 31	4.20 30	5.19 31	4.80 30	5.07 31	5.48 31	3.92 30	4.49 31	2.57 30	2.47 31	45.70
1922	1.67 31	2.10 28	3.24 31	3.36 30	4.82 31	4.22 30	5.07 31	5.10 31	3.97 30	3.55 31	2.43 30	2.12 31	41.65
1923	1.94 31	1.85 28	2.93 31	3.11 30	5.62 31	5.17 29	4.76 30	5.30 31	3.44 30	3.72 31	2.01 30	1.69 31	41.88
1924	1.96 31	2.21 29	2.89 31	3.12 30	4.67 31	5.14 30	5.90 31	5.89 31	4.98 30	3.95 31	2.72 30	2.05 31	45.48
1925	1.47 31	2.52 28	3.73 31	5.41 30	6.07 31	4.81 30	5.87 31	5.45 31	3.55 30	3.44 31	2.30 30	1.98 31	46.60
1926	1.48 31	2.47 28	2.39 31	3.57 30	4.49 31	5.14 30	4.99 31	5.21 31	4.79 30	3.79 31	2.41 30	2.09 31	42.82
1927	1.72 31	1.91 28	2.64 31	3.96 30	5.53 31	5.04 30	5.15 31	6.38 31	4.01 30	3.57 31	2.28 30	2.16 31	44.35
1928	1.94 31	1.83 29	2.93 31	3.36 30	5.50 31	4.73 30	5.57 31	5.06 31	3.37 30	3.67 31	2.23 30	1.63 31	41.82
1929	1.88 31	1.71 28	2.61 31	3.86 30	4.31 31	5.07 30	4.60 31	4.97 31	4.47 30	4.29 31	2.46 30	2.32 31	42.55
1930	1.47 31	1.64 28	2.80 31	4.05 30	4.02 31	5.70 30	5.38 31	5.64 31	4.21 30	3.85 31	2.19 30	1.79 31	42.74
1931	1.53 31	1.90 28	3.43 31	3.25 30	4.76 31	5.94 30	5.71 31	5.04 31	5.20 30	3.88 31	2.28 30	1.55 31	44.47
1932	1.71 31	1.63 29	3.83 31	4.10 30	5.32 31	5.68 30	6.52 31	5.18 29	3.83 30	3.38 31	2.63 30	1.40 31	45.56
1933	1.49 31	1.52 28	2.94 31	4.50 30	4.70 31	6.43 30	5.20 31	4.98 31	4.27 30	3.45 31	2.46 30	2.17 31	44.11
1934	1.71 31	2.31 28	3.27 31	4.20 30	5.82 31	6.94 30	6.57 31	5.40 31	4.74 30	4.28 31	2.66 30	1.89 31	49.79
1935	1.88 31	2.64 28	3.70 31	4.28 30	4.53 31	4.94 30	5.09 31	5.59 31	3.73 30	3.32 31	2.44 30	1.81 31	43.95
1936	1.69 31	1.81 29	2.86 31	4.33 30	4.01 31	6.21 30	5.23 31	5.09 31	4.10 30	3.62 31	2.43 30	1.65 31	43.03
1937	1.09 31	2.12 28	2.69 31	3.85 30	5.76 31	5.54 30	6.28 31	5.22 31	4.41 30	3.93 31	2.34 30	1.51 31	44.74
1938	1.91 31	1.87 28	2.84 31	3.64 30	4.73 31	5.19 30	4.97 31	5.14 31	4.25 30	3.51 31	2.71 30	1.86 31	42.62
1939	1.60 31	2.10 28	3.04 31	4.17 30	4.93 31	5.34 30	5.60 31	5.47 31	5.07 30	4.10 31	2.19 30	2.07 31	45.68
1940	1.30 31	1.88 29	3.18 31	3.39 30	5.22 31	5.56 30	5.38 31	5.51 31	5.08 30	3.66 31	2.07 30	1.58 31	43.81
1941	1.79 31	1.76 28	2.31 31	3.27 30	4.76 31	4.66 30	4.81 31	5.05 31	3.69 30	3.46 31	2.20 30	1.58 31	39.34
1942	1.89 31	1.88 28	3.03 31	2.81 30	4.82 31	5.36 30	4.35 31	4.48 31	4.35 30	3.48 31	2.66 30	2.04 31	41.15
1943	1.97 31	2.31 28	3.07 31	4.26 30	5.36 31	5.46 30	5.37 31	5.08 31	3.24 30	3.40 31	2.39 30	1.47 31	43.38
1944	1.23 31	1.59 29	2.70 31	3.39 30	3.99 31	5.43 30	5.26 31	5.05 31	4.17 30	3.55 31	1.82 30	1.46 31	39.64
1945	1.69 31	1.81 28	2.58 31	3.70 30	5.21 31	4.60 30	4.57 31	4.16 30	4.17 30	2.87 31	2.36 30	1.61 31	39.47
1946	1.44 31	1.54 28	3.01 31	3.89 30	3.42 31	4.23 30	4.41 31	4.23 31	2.60 30	2.64 31	1.83 30	1.94 31	35.18
1947	1.36 31	2.00 28	2.80 31	3.66 30	4.20 31	4.93 30	5.24 31	4.23 31	4.27 30	2.93 31	2.16 30	1.47 31	39.25
1948	1.50 31	.98 29	2.45 31	4.11 30	4.31 31	5.84 30	5.01 31	5.94 31	3.77 30	2.77 31	2.67 30	1.51 31	40.86
1949	1.58 31	1.18 28	2.18 31	2.40 27	3.95 31	4.20 30	4.05 31	4.57 31	3.56 30	2.72 31	1.98 30	1.34 31	33.98

(Angleton — Bureau of Plant Industry 6-ft diameter pan—Continued)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950	1.26 31	1.64 28	2.95 31	2.65 30	4.28 31	4.62 30	4.19 31	5.19 31	4.15 30	3.20 31	2.98 30	2.23 31	39.34
1951	1.79 31	1.66 28	3.77 31	3.60 30	4.24 31	5.28 30	5.51 31	5.77 31	3.12 30	3.25 31	2.51 30	1.83 31	42.33
1952	1.76 31	2.13 29	3.33 31	2.01 30	2.75 31	5.71 30	4.98 31	5.47 31	5.66 28	5.37 31	2.99 30	2.92 31	45.48
1953	2.86 31	2.52 28	3.24 31	5.16 30	5.27 29	6.90 29	6.82 31	5.42 29	6.41 30	4.74 31	3.00 29	2.48 31	55.88
1954	1.52 31	3.48 28	4.33 31	4.35 30	5.22 31	6.02 30	6.59 31	7.54 31	5.70 30	4.51 31	3.27 30	3.63 31	56.16
1955	2.74 31	2.24 28	4.70 31	4.02 30	5.86 31	7.17 30	6.64 31	5.61 31	4.49 30	5.65 31	2.93 30	2.76 31	54.81
1956	2.52 31	2.95 29	4.17 31	4.83 30	7.01 31	7.78 30	8.56 31	6.50 31	6.31 30	5.23 31	4.04 30		-
DAILY AVG.	.06	.07	.10	.13	.16	.18	.18	.17	.15	.12	.08	.06	

Notes: Good exposure.

Angleton

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1968									2.26 11	4.17 28	3.31 30	2.90 29	-
1969	2.67 31	2.42 26	4.09 30	3.96 26	6.00 28	8.32 29	8.08 28	8.04 29	6.37 30	5.43 29	3.50 30	2.62 29	65.30
1970	2.34 31	3.27 28	3.55 26	5.40 30	5.21 25	6.97 28	7.27 31	8.59 31	5.33 26	4.64 30	4.08 30	3.06 31	63.10
DAILY AVG.	.08	.11	.14	.17	.21	.27	.26	.28	.21	.16	.12	.10	

Notes: Good exposure.

Angleton

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1952								2.96 18	5.21 28	5.68 31	3.21 30	3.60 31	-
1953	3.10 31	2.19 28	2.46 31	4.16 30	4.33 29	5.64 29	5.87 31	4.74 28	5.52 30	4.94 31	2.80 29	2.71 28	49.84
1954	1.76 29	3.50 28	4.50 31	4.96 30	5.93 31	7.31 30	7.52 31	6.62 31	5.13 30	4.26 31	3.45 29	3.85 31	59.03
1955	3.15 31	2.03 26	4.24 31	3.54 30	5.08 29	6.28 30	6.18 31	5.08 31	4.04 30	5.85 30	3.96 30	2.72 30	52.93
1956	2.60 29	2.81 26	3.97 30	4.03 29	5.41 31	6.93 30	7.36 31	5.96 30	5.82 30	4.91 30	4.78 30	3.00 31	58.71
1957	3.13 31	3.01 27	4.83 30	5.07 28	5.17 31	4.48 29	5.19 31	6.74 31	4.71 30	5.24 31	3.28 30	3.37 31	55.00
1958	3.05 29	3.19 27	3.67 31	4.21 30	6.20 29	6.83 30	6.84 31	6.28 31	4.63 30	4.71 31	2.97 30	4.08 31	57.41
1959	3.22 31	1.91 27	4.06 31	4.05 30	4.06 31	7.56 26	5.92 30	5.57 31	5.61 30	4.51 31	3.88 30	2.38 30	54.24
1960	2.39 31	2.27 27	3.15 30	4.00 30	5.27 31	5.64 27	5.37 31	4.97 31	5.26 30	6.03 31	2.87 30	2.20 28	50.56
1961	2.32 30	2.55 27	3.28 31	4.29 30	5.53 31	5.36 28	4.40 27	3.79 30	3.85 26	4.55 31	3.81 29	2.87 30	48.74
1962	2.85 30	2.72 28	3.95 31	3.61 30	4.48 31	3.90 30	4.72 31	6.44 30	4.09 30	4.57 31	3.37 30	2.10 30	47.17
1963	2.16 31	2.31 28	3.60 31	3.60 30	4.35 31	4.47 29	4.17 31	4.84 31	3.58 29	3.78 31	3.67 30	2.65 31	43.45
1964	2.01 29	2.29 29	2.48 31	2.32 30	4.06 31	4.22 30	4.43 31	4.62 31	4.01 30	3.92 31	2.57 29	1.92 31	39.08
1965	2.38 31	2.17 28	2.64 31	3.82 30	4.14 30	4.94 30	5.19 31	4.70 31	4.02 29	3.64 31	2.52 29	1.82 31	42.35
1966	1.70 31	1.89 28	2.28 31	2.81 30	3.47 31	3.77 29	3.32 30	3.09 29	3.36 29	2.80 26	2.12 26	2.16 31	34.19
1967	2.18 31	2.54 28	2.80 31	3.52 27	4.95 30	6.39 28	3.37 19	4.10 26	2.70 22	3.51 29	2.49 30	2.36 29	-
1968	1.52 25	2.68 29	2.28 31	3.18 27	4.15 28	2.96 22	4.24 30	4.55 30	3.12 23	2.68 27	2.75 30	2.50 29	-
1969	3.10 31	2.49 26	2.89 30	2.59 27	3.21 26	4.99 29	5.21 29	5.36 29	3.85 29	3.99 28	3.04 30	1.89 29	45.38
1970	2.15 31	2.32 28	2.22 26	3.09 29	3.25 25	4.29 29	4.10 31	5.28 30	3.16 25	3.41 29	2.84 30	2.45 31	41.06
DAILY AVG.	.08	.09	.11	.13	.15	.19	.17	.17	.15	.15	.11	.09	

Notes: Good exposure.

Austin—Hill's Ranch

Operated by: U.S. Geological Survey and National Weather Service.

Equipment type: Square 3-ft floating pan, 13 inches deep.

Location: Travis County, 5.7 miles southeast of central Austin, lat. 30°14', long. 97°40'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1916				4.76 30	6.13 31	7.74 30	6.50 31	5.59 31	5.01 30	3.75 31	2.49 30	2.36 31	-
1917	1.76 31	2.44 28	4.44 31	5.68 30	6.07 31	7.50 30	7.75 31	8.18 31	5.66 30	5.41 31	2.68 30	1.92 31	59.49
1918	-	1.28 28	4.23 31	4.71 30	6.03 31	8.25 30	10.22 31	8.53 31	6.13 30	3.31 31	2.14 30	1.54 31	-
1919	-	1.93 28	3.23 31	4.19 30	3.76 31	4.20 30	5.17 31	6.14 31	-	-	2.50 30	-	-
1920	1.53 31	1.99 29	4.87 31	6.27 30	6.03 31	5.18 30	6.91 31	5.57 31	5.29 30	3.39 31	2.32 30	2.33 31	51.68
1921	1.77 31	2.82 28	3.48 31	5.19 30	5.83 31	5.48 30	7.12 31	8.11 31	4.88 30	4.16 31	2.66 30	2.14 31	53.64
1922	2.36 31	2.65 28	4.77 31	4.65 30	4.95 31	5.49 30	8.16 31	7.27 31	5.35 30	4.55 31	1.77 30	2.40 31	54.37
1923	2.27 31	2.87 28	2.97 31	3.90 30	5.85 31	6.39 30	6.84 31	7.39 31	3.64 30	3.41 31	1.96 30	1.07 31	48.56
1924	1.81 31	2.33 29	2.86 31	3.46 30	3.35 31	3.43 30	4.85 31	5.07 31	4.02 30	3.06 31	3.18 30	1.85 31	39.27
1925	1.65 31	3.51 28	5.03 31	6.11 30	6.65 31	7.91 30	8.98 31	6.84 31	4.55 30	3.54 31	2.23 30	2.16 31	59.16
1926	1.70 31	3.27 28	3.40 31	3.88 30	3.15 31	4.06 30	4.13 31	5.05 31	4.76 30	3.64 31	2.66 30	1.70 31	41.40
1927	1.50 31	1.68 28	2.79 31	4.14 30	5.33 31	5.52 30	6.46 31	7.16 31	4.91 30	3.57 31	2.75 30	2.48 31	48.29
1928	1.98 31	2.36 29	4.67 31	5.18 30	5.75 31	6.35 30	6.78 31	7.96 31	4.78 30	4.13 31	2.43 30	1.64 31	54.01
1929	1.83 31	1.56 28	4.10 31	4.09 30	5.23 31	6.06 30	5.46 31	7.07 31	5.20 30	5.33 31	2.58 30	2.12 31	50.63
1930	1.30 31	2.39 28											-
DAILY AVG.	.06	.08	.13	.16	.17	.20	.22	.22	.16	.13	.08	.06	

Notes: Square galvanized pan set on a floating platform on a small 30-foot by 200-foot lake.

Austin—Hill's Ranch

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1916				6.88 30	8.09 31	8.53 30	7.77 31	7.46 31	6.84 30	5.29 31	3.25 30	3.42 31	-
1917	2.58 31	4.33 28	6.10 31	7.28 30	7.44 31	10.50 30	9.96 31	11.02 31	7.22 30	7.15 31	4.05 30	2.80 31	80.43
1918	-	3.42 28	6.40 31	6.05 30	7.03 31	9.05 30	12.34 31	10.26 31	8.75 30	5.88 31	2.88 30	2.51 31	-
1919	-	2.57 28	4.19 31	5.77 30	5.52 31	6.97 30	5.79 31	6.69 31	4.83 30	3.54 31	3.15 30	1.89 31	-
1920	1.90 31	2.73 29	6.15 31	6.78 30	6.32 31	6.39 30	8.47 31	6.15 31	6.88 30	4.28 31	2.81 30	3.03 31	61.89
1921	2.57 31	3.65 28	4.28 31	6.67 30	6.20 31	6.88 30	8.08 31	9.43 31	5.26 30	4.48 31	3.13 30	2.69 31	63.32
1922	2.84 31	3.35 28	5.60 31	4.96 30	6.63 31	6.64 30	8.88 31	8.39 31	6.70 30	6.03 31	2.73 30	2.73 31	65.48
1923	3.46 31	2.12 28	5.27 31	4.81 30	7.33 31	7.96 30	8.74 31	8.98 31	4.98 30	4.18 31	2.18 30	1.98 31	61.99
1924	1.95 31	2.87 29	4.22 31	4.90 30	6.46 31	7.50 30	8.61 31	9.02 31	6.08 30	4.27 31	4.15 30	2.37 31	62.40
1925	2.29 31	4.89 28	6.77 31	8.08 30	9.35 31	10.28 30	11.41 31	9.77 31	6.50 30	4.48 31	3.00 30	2.58 31	79.40
1926	2.22 31	4.35 28	3.95 31	4.75 30	5.77 31	7.34 30	7.41 31	7.45 31	6.40 30	5.28 31	3.68 30	1.84 31	60.44
1927	2.39 31	3.55 28	3.91 31	6.23 30	7.77 31	6.75 30	8.27 31	8.86 31	6.49 30	4.83 31	3.64 30	2.45 31	65.14
1928	3.13 31	2.79 29	6.15 31	5.67 30	7.34 31	7.56 30	9.17 31	9.36 31	6.48 30	5.26 31	2.88 30	2.15 31	67.94
1929	2.55 31	2.13 28	4.71 31	4.96 30	6.47 31	7.75 30	7.19 31	9.01 31	6.81 30	5.95 31	2.90 30	2.20 31	62.63
1930	1.30 31	3.30 28	4.38 31	5.98 30	4.70 31								-
DAILY AVG.	.08	.12	.17	.20	.22	.26	.28	.28	.21	.16	.11	.08	

Notes: Good exposure.

Austin—Capitol

Operated by: State Board of Control and National Weather Service.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Travis County, in Austin on State Capitol grounds just east of the Capitol, lat. 30°16′, long. 97°45′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1930						7.30 30	9.45 31	9.33 31	6.75 30	3.62 31	2.37 30	1.88 31	-
1931	1.80 31	2.75 28	5.04 31	4.72 30	6.11 31	7.65 30	8.20 31	8.48 31	7.75 30	6.43 31	3.11 30	1.65 31	63.69
1932	2.46 31	2.88 29	4.89 31	6.36 30	6.91 31	8.36 30	9.43 31	7.63 31	5.03 30	5.11 31	3.60 30	1.40 31	64.06
1933	2.25 31	2.02 28	4.68 31	6.43 30	7.92 31	8.97 30	9.48 31	8.17 31	6.46 30	5.25 31	3.16 30	3.27 31	68.06
1934	2.37 31	3.11 28	4.98 31	5.97 30	7.63 31	10.09 30	10.73 31	10.09 31	7.11 30	6.18 31	3.86 30	2.26 31	74.38
1935	2.28 31	3.17 28	5.61 31	4.88 30	6.07 31	6.29 30	8.42 31	8.89 31	5.41 30	-	2.41 30	1.86 31	-
1936	2.30 31	2.64 29	5.60 31	6.45 30	5.53 31	8.94 30	7.82 31	8.09 31	5.67 30	3.81 31	2.44 30	1.96 31	61.25
1937	1.06 31	3.13 28	3.41 31	5.97 30	7.98 31	7.07 30	9.33 31	9.56 31	6.87 30	5.41 31	2.99 30	-	-
1938	3.24 31	2.93 28	4.58 31	-	6.45 31	7.95 30	9.23 31	8.71 31	7.11 30	5.39 31	3.66 30	3.05 31	-
1939	2.55 31	3.07 28	5.20 31	7.15 30	7.89 31	8.39 30	9.92 31	8.35 31	7.64 30	5.68 31	2.45 30	2.57 31	70.86
1940	1.77 31	2.95 29	4.91 31	5.56 30	7.24 31	7.57 30	7.88 31	7.61 31	6.43 30	4.74 31	2.46 30	1.89 31	61.01
1941	2.08 31	2.00 28	3.50 31	4.01 30	6.38 31	6.66 30	8.11 31	8.53 31	6.07 30	3.89 31	2.69 30	2.05 31	55.97
1942	2.43 31	2.52 28	5.27 31	4.19 30	4.96 31	7.17 30	6.39 31						-
DAILY AVG.	.07	.10	.16	.19	.22	.26	.28	.28	.22	.16	.10	.07	

Notes: This station was subject to shading and drip from overhanging limbs. Also, air movement was restricted.

Austin—Airport

Operated by: National Weather Service.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Travis County, 3.2 miles northeast of central Austin, lat. 30°17', long. 97°42'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1942								11.30 31	5.86 30	4.33 31	4.08 30	2.66 31	-
1943	2.65 31	4.16 28	5.74 31	7.69 30	9.21 31	8.50 30	9.48 31	10.78 31	7.14 30	5.70 31	3.55 30	1.55 31	76.15
1944	2.11 31	2.29 29	3.65 31	6.64 30	7.39 31	9.00 30	10.78 31	11.07 31	7.71 30	5.57 31	2.55 30	2.08 31	70.84
1945	2.55 31	3.27 28	4.94 31	5.16 30	8.64 31	9.98 30	9.64 31	9.36 31	8.45 30	4.72 31	4.19 30	-	-
1946	2.86 31	3.71 28	5.66 31	6.91 30	7.16 31	8.53 30	11.06 31	9.63 31	5.43 30	4.87 31	3.16 30	2.44 31	71.42
1947	2.46 31	3.64 28	5.32 31	4.95 30	7.71 31	10.27 30	11.61 31	9.73 31	9.98 30	7.61 31	4.33 30	2.60 31	80.21
1948	-	2.14 29	5.65 31	8.58 30	9.07 31	11.53 30	10.92 31	12.27 31	8.48 30	7.13 31	5.11 30	3.92 31	-
1949	2.38 31	2.52 28	5.10 31	5.27 30	7.98 31	9.29 30	10.61 31	9.30 31	8.03 30	5.30 31	4.83 30	2.37 31	72.98
1950	3.15 31	2.52 28	6.22 31	6.90 30	7.64 31	8.50 30	10.43 31	11.59 31	8.15 30	6.52 31	5.43 30	3.90 31	80.95
1951	-	-	7.77 31	7.66 30	7.45 31	9.49 30	11.28 31	12.82 31	9.10 30	6.08 31	3.76 30	3.23 31	-
1952	3.83 31	4.75 29	5.33 31	7.24 30	8.29 31	9.02 30	9.93 31	11.92 31	7.79 30	7.17 31	4.50 30	2.63 31	82.40
1953	4.68 31	2.98 28	4.37 31	6.78 30	7.53 31	11.85 30	11.51 31	10.42 31	7.40 30	5.78 31	3.14 30	-	-
1954	3.38 31	5.36 28	5.96 31	7.20 30	8.59 31	10.76 30	12.58 31	11.94 31	10.34 30	6.61 31	4.68 30	3.95 31	91.35
1955	3.10 31	3.55 28	5.30 31	7.81 30	9.44 31	9.28 30	10.17 31	9.71 31	7.70 30	8.29 31	5.38 30	3.63 31	83.36
1956	3.52 31	4.13 29	6.64 31	7.57 30	9.19 31	11.23 30	12.25 31	12.46 31	9.78 30	7.24 31	5.33 30	3.83 31	93.17
1957	4.42 31	3.18 28	4.88 31	4.63 30	5.55 31	7.36 30	11.44 31	10.89 31	7.43 30	5.40 31	2.32 30	-	-
1958	3.15 31	3.56 28	4.14 31	5.90 30	7.79 31	9.69 30	9.96 31	8.96 31	6.06 30	4.72 31	3.27 30	2.95 31	70.15
1959	-	2.73 28	5.78 31	5.95 30	7.64 31	10.16 30	9.60 31	7.97 31	7.13 30	5.72 31	-	2.52 31	-
1960	2.25 31	3.71 29	4.09 31	6.81 30	8.07 31	10.80 30	9.25 31	7.90 31	7.86 30	5.26 31	3.48 30	2.53 31	72.01
1961	2.74 31	3.95 28	5.41 31	7.75 30	8.56 31	8.82 30	-	9.86 31	7.94 30	5.80 31	2.96 30	2.81 31	-
1962	-	5.29 28	6.96 31	7.29 30	9.80 31	10.14 30	12.19 31	12.57 31	7.59 30	6.78 31	4.60 30	4.24 31	-
1963	2.91 31	4.77 28	7.82 31	7.74 30	9.23 31	11.11 30	12.23 31	12.18 31	10.46 30	7.90 31	5.10 30	3.25 31	94.70
1964	4.59 31	3.93 29	6.41 31	7.12 30	8.04 31	11.04 30	12.22 31	-	-	7.44 31	4.28 30	3.12 31	-
1965	4.30 31	4.19 28	5.11 31	6.03 30	6.85 31	8.03 30	11.84 31	10.98 31	9.15 30	5.59 31	3.33 30	2.47 31	77.87
1966	3.31 31	3.47 28	5.48 31	6.47 30	6.15 31	8.98 30	10.29 31	9.08 31	6.38 30	6.32 31	5.29 30	3.27 31	74.49
1967	3.61 31	4.30 28	7.48 31	7.26 30	8.63 31	10.61 30	12.17 31	10.66 31	6.12 30	6.49 31	3.70 30	2.79 31	83.82
1968	2.11 31	3.48 29	4.85 31	5.77 30	5.14 31	7.33 30	9.39 31	10.23 31	6.59 30	5.54 31	4.27 30	3.52 31	68.22
1969	3.60 31	3.74 28	5.69 31	6.51 30	6.59 31	8.68 30	10.26 31	10.02 31	6.68 30	5.28 31	3.64 30	3.38 31	74.07
1970	-	4.08 28	5.12 31	5.55 30	7.62 31	8.71 30	9.61 31	9.95 31	6.52 30	5.50 31	5.17 30	3.73 31	-
DAILY AVG.	.10	.13	.18	.22	.25	.32	.35	.34	.26	.20	.14	.10	

Notes: Exposure good. Station moved July 1, 1961 from old administration building on southwest side of airport to the new administration building on south side of airport.

Austwell

Operated by: U.S. Department of the Interior, Fish and Wildlife Service; and Texas Water Development Board.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Aransas County, 6.4 miles southeast of Austwell, lat. 28°18', long. 96°48'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1970											2.79 22	1.50 19	-
DAILY AVG.											.13	.08	

Notes: Good exposure.

Balmorhea

Operated by: Texas Agricultural Experiment Station and Texas Water Development Board.

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

Location: Reeves County, 4.5 miles east of Balmorhea, lat. 30°49', long. 103°40'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1926	3.53 31	5.37 28	4.42 31	5.87 30	8.94 31	9.64 30	8.81 31	6.76 31	5.60 30	3.89 31	3.93 30	1.97 31	68.73
1927	2.69 31	4.18 28	5.63 31	7.81 30	9.56 31	7.87 30	8.37 31	9.29 31	5.38 30	5.06 31	4.10 30	2.11 31	72.05
1928	3.12 31	3.70 29	7.09 31	7.48 30	7.63 31	9.81 30	6.98 31	5.03 31	5.21 30	4.36 31	2.44 30	2.05 31	64.90
1929	2.97 31	3.64 28	5.10 31	6.10 30	6.97 31	8.01 30	7.86 31	7.69 31	5.36 30	4.13 31	2.87 30	2.73 31	63.43
1930	2.07 31	4.17 28	5.42 31	6.01 30	7.93 31	6.83 30	7.95 31	7.40 31	6.65 30	3.28 31	2.50 30	1.87 31	62.08
1931	1.64 31	2.67 28	5.30 31	5.69 30	6.91 31	7.73 30	7.37 31	7.13 31	7.38 30	5.91 31	2.98 30	1.74 31	62.45
1932	2.59 31	3.06 29	5.30 31	6.82 30	5.88 31	7.81 30	6.82 31	6.12 31	3.78 30	3.54 31	3.09 30	1.61 31	56.42
1933	2.56 31	3.13 28	5.77 31	6.78 30	8.46 31	7.83 30	9.42 31	7.42 31	6.00 30	4.48 31	3.21 30	3.46 31	68.52
1934	2.78 31	3.75 28	5.32 31	6.40 30	8.24 31	9.33 30	8.62 31	7.72 31	6.59 30	5.14 31	3.37 30	2.15 31	69.41
1935	2.86 31	2.65 28	5.36 31	6.17 30	6.12 31	6.78 30	7.69 31	6.70 31	4.10 30	3.67 31	2.54 30	1.63 31	56.27
1936	2.53 31	3.66 29	5.02 31	5.72 30	5.99 31	8.35 30	6.70 31	6.16 31	3.61 30	3.76 31	2.09 30	2.15 31	55.74
1937	2.04 31	3.14 28	4.30 31	6.79 30	7.05 31	8.44 30	8.69 31	7.30 31	5.17 30	3.89 31	2.93 30	1.50 31	61.24
1938	2.30 31	2.52 28	5.46 31	6.37 30	7.93 31	7.08 30	6.05 31	6.72 31	4.93 30	4.31 31	3.50 30	2.10 31	59.27
1939	2.55 31	3.19 28	4.98 31	6.10 30	7.48 31	8.61 30	6.94 31	5.98 31	6.21 30	4.25 31	1.78 30	2.20 31	60.27
1940	1.56 31	3.02 29	5.28 31	6.78 30	6.83 31	6.11 30	7.27 31	6.00 31	5.94 30	4.30 31	2.12 30	1.54 31	56.75
1941	1.56 31	2.07 28	3.74 31	5.04 30	5.35 31	5.52 30	6.29 31	6.13 31	4.14 30	3.20 31	2.21 30	2.02 31	47.27
1942	2.01 31	2.65 28	4.70 31	5.65 30	7.36 31	8.38 30	7.94 31	5.49 31	5.09 30	3.80 31	3.35 30	2.27 31	58.69
1943	2.45 31	3.54 28	4.95 31	6.96 30	7.27 31	7.37 30	7.38 31	9.10 31	5.51 30	4.40 31	2.70 30	1.49 31	63.12
1944	1.66 31	2.22 29	5.30 31	6.90 30	8.04 31	8.80 30	8.56 31	6.79 31	3.91 30	3.85 31	2.49 30	1.80 31	60.32
1945	1.95 31	2.70 28	5.02 31	5.70 30	7.94 31	9.10 30	6.72 31	7.07 31	6.28 30	2.93 31	3.13 30	2.31 31	60.85
1946	1.41 31	2.86 28	5.50 31	6.05 30	7.20 31	7.89 30	8.66 31	7.76 31	4.13 30	3.68 31	2.64 30	2.00 31	59.78
1947	1.66 31	2.98 28	3.68 31	6.11 30	7.28 31	8.34 30	9.20 31	7.36 31	6.87 30	5.58 31	2.90 30	1.97 31	63.93
1948	2.02 31	2.63 29	5.51 31	7.51 30	8.33 31	9.70 30	8.83 31	8.67 31	6.78 30	4.04 31	3.80 30	2.75 31	70.57
1949	1.13 31	2.52 28	5.52 31	5.01 30	7.91 31	8.28 30	7.43 31	6.46 31	4.67 30	4.23 31	3.71 30	2.52 31	59.39
1950	3.09 31	3.26 28	6.00 31	6.79 30	10.08 31	10.14 30	7.16 31	8.85 30	5.55 30	5.26 31	4.68 30	4.01 31	75.16
1951	4.17 31	3.65 28	5.92 31	8.73 30	9.27 31	10.93 30	10.26 31	9.44 31	7.86 30	6.35 31	3.87 30	4.32 31	84.77
1952	3.60 31	4.85 29	7.48 31	8.41 30	10.16 31	10.26 30	8.84 31	9.74 31	7.44 30	5.97 31	3.44 30	3.06 31	83.25
1953	4.99 31	4.22 28	7.13 31	9.74 30	10.27 31	11.39 30	10.65 31	10.41 31	8.53 30	5.10 31	3.64 30	2.50 31	88.57
1954	2.90 31	5.26 28	6.89 31	6.95 30	8.23 31	10.73 30	10.43 31	7.30 31	7.82 30	5.73 31	4.22 30	3.24 31	79.70
1955	2.52 31	3.92 28	7.03 30	9.64 30	9.86 31	9.76 30	9.29 31	8.74 31	6.34 27	5.68 31	4.77 30	4.21 31	82.69
1956	3.31 31	4.13 29	8.10 31	8.15 30	11.67 31	12.13 30	12.25 31	9.90 31	8.97 30	8.78 31	3.76 20		-
DAILY AVG.	.08	.12	.18	.23	.26	.29	.27	.24	.20	.15	.11	.08	

Notes: Exposure gradually restricted due to surrounding shrubbery growth.

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1940	.48 10	3.99 29	7.25 31	8.83 30	8.57 31	8.19 30	9.22 31	7.45 31	7.84 30	5.81 31	2.62 30	2.19 31	-
1941	2.10 31	2.97 28	5.04 31	6.95 30	7.18 31	7.56 30	8.20 31	7.69 31	4.96 30	3.64 31	2.57 30	2.42 31	61.28
1942	2.48 31	3.52 28	6.04 31	7.10 30	9.22 31	10.12 30	10.40 31	7.04 31	6.32 30	4.65 31	4.57 30	3.10 31	74.56
1943	3.25 31	3.54 28	6.68 31	8.38 30	9.57 31	9.17 30	8.80 31	12.17 31	7.04 30	5.61 31	3.52 30	1.98 31	79.71
1944	2.32 31	3.42 29	6.66 31	9.30 30	10.21 31	11.12 30	12.79 31	8.82 31	4.76 30	4.48 31	3.00 30	2.04 31	78.92
1945	2.49 31	3.56 28	6.25 31	7.33 30	10.65 31	11.42 30	8.09 31	8.61 31	7.52 30	3.57 31	3.81 30	3.03 31	76.33
1946	2.70 31	3.77 28	7.23 31	8.15 30	9.10 31	9.71 30	11.01 31	9.41 31	5.46 30	4.34 31	3.26 30	2.21 31	76.35
1947	1.99 31	3.76 28	4.52 31	7.45 30	8.97 31	10.17 30	11.80 31	9.67 31	8.72 30	7.16 31	3.71 30	2.48 31	80.40
1948	2.51 31	3.30 29	7.18 31	9.99 30	11.01 31	12.36 30	10.57 31	11.42 31	8.57 30	5.53 31	4.56 30	3.88 31	90.88
1949	1.44 31	3.20 28	7.20 31	6.32 30	9.84 31	10.75 30	9.41 31	7.98 31	5.88 30	5.43 31	4.42 30	2.95 31	74.82
1950	4.07 31	4.04 28	7.49 31	8.86 30	10.18 31	10.50 30	9.95 21	-	-	-	-	-	-
1951	-	-	-	-	6.82 17	13.37 30	12.33 31	11.09 31	8.91 30	7.14 31	4.56 30	5.57 31	-
1952	4.58 31	5.85 29	9.38 31	10.08 30	12.71 31	11.93 30	9.79 31	11.42 31	8.39 30	6.99 31	3.83 30	3.39 31	98.34
1953	6.36 31	5.22 28	8.65 31	11.64 30	12.35 31	13.92 30	12.55 31	12.33 31	10.43 30	5.96 31	4.35 30	3.16 31	106.92
1954	3.57 31	6.48 28	8.32 31	8.33 30	9.56 31	12.55 30	13.26 31	9.86 31	10.01 30	7.00 31	5.33 30	3.92 31	98.19
1955	2.95 31	4.93 28	8.97 30	12.03 30	12.14 31	11.71 30	10.55 31	9.88 31	7.19 27	6.24 31	5.47 30	4.92 31	98.08
1956	4.04 31	5.17 29	10.09 31	9.91 30	14.10 31	14.23 30	13.97 31	12.00 31	10.83 30	9.78 31	3.70 20		-
DAILY AVG.	.10	.15	.24	.29	.34	.37	.35	.32	.26	.19	.13	.10	

Notes: Exposure gradually restricted due to surrounding shrubbery growth.

Balmorhea

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950							1.80 10	9.10 31	5.44 30	5.29 31	5.16 30	4.44 31	-
1951	4.47 31	4.02 28	6.25 31	8.77 30	10.06 31	11.27 30	10.90 31	9.60 31	8.10 30	6.83 31	4.29 30	4.77 31	89.33
1952	4.23 31	5.02 29	7.83 31	8.43 30	10.06 31	9.52 30	8.24 31	9.42 31	7.24 30	5.98 31	3.75 30	3.06 31	82.78
1953	5.09 31	4.49 28	6.81 31	9.77 30	9.91 31	11.61 30	10.16 31	9.61 31	10.02 30	4.92 31	3.83 30	2.63 31	88.85
1954	2.72 31	4.94 28	6.69 31	6.25 30	7.04 31	9.38 30	10.21 31	7.90 31	7.79 30	5.91 31	4.20 30	3.28 31	76.31
1955	2.35 31	3.86 28	7.08 31	9.02 30	9.60 31	9.31 30	8.47 31	8.08 31	5.91 27	5.49 31	4.79 30	3.95 31	78.57
1956	3.30 30	4.30 26	8.10 31	8.06 30	11.14 31	11.59 30	11.86 31	10.11 31	9.14 30	8.98 31	4.97 30	3.99 31	96.14
1957	3.54 31	3.25 27	7.37 31	7.81 30	8.94 31	10.80 30	11.41 31	10.22 31	7.69 30	4.72 29	3.69 30	3.53 31	83.41
1958	2.63 29	2.90 28	3.71 31	8.17 30	6.86 31	8.41 30	9.61 31	8.70 31	4.72 27	3.10 31	3.21 30	2.67 31	65.39
1959	2.61 31	2.37 28	5.30 31	6.16 30	8.52 29	8.95 30	7.44 31	7.49 31	7.16 30	4.93 31	3.38 30	2.66 31	67.55
1960	3.18 31	4.16 23	4.35 26	7.91 30	9.28 30	8.76 28	6.25 30	6.21 31	7.01 30	4.92 30	3.93 30	2.07 30	71.32
1961	2.13 31	3.58 28	5.73 31	6.58 25	9.06 30	7.93 28	8.76 31	8.67 31	7.77 30	5.96 30	3.15 30	2.86 31	74.56
1962	3.17 31	4.86 28	6.36 31	7.99 30	11.49 31	10.04 30	7.71 31	9.96 31	6.74 30	6.04 31	4.25 30	2.78 31	81.39
1963	4.04 31	4.34 27	7.46 31	10.17 30	8.95 30	9.75 30	11.16 31	8.45 31	6.52 30	5.99 31	4.64 30	2.66 31	84.59
1964	3.94 31	4.79 29	7.44 31	10.25 30	10.72 31	10.66 30	11.78 31	9.16 31	6.68 30	4.89 26			-
DAILY AVG.	.11	.15	.21	.28	.31	.33	.31	.29	.24	.18	.14	.10	

Notes: Exposure gradually restricted due to surrounding shrubbery growth.

Operated by: U.S. Geological Survey and Texas Water Development Board.

Equipment type: Young screened 2-ft diameter pan.

Location: Brown County, 4.5 miles southwest of Bangs, lat. 31°42', long. 99°12'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1962												1.22 19	-
1963	2.45 30	3.08 28	4.27 31	6.33 30	6.71 31	6.14 30	8.43 31	7.65 30	6.29 30	5.52 31	4.20 29	1.92 25	63.92
1964	2.36 31	3.14 29	4.47 31	6.15 30	5.65 31	6.85 30	9.46 30	11.08 31	6.88 28	5.07 31	2.69 29	2.69 31	67.38
1965	3.20 31	2.47 28	3.98 31	4.85 30	3.40 25	7.38 30	10.42 31	9.03 31	8.84 30	4.91 31	2.74 29	1.99 31	64.12
1966	2.13 31	2.17 28	4.42 31	5.19 29	5.36 31	7.32 29	9.45 31	7.71 29	4.26 28	5.24 31	4.24 30	3.19 31	61.93
1967	3.13 31	3.57 28	5.67 31	6.74 30	6.77 27	9.81 30	8.51 29	9.24 31	4.45 25	5.71 31	2.85 29	2.23 28	71.49
1968	1.14 27	2.23 29	3.02 31	4.01 30	4.02 29	5.41 28	7.65 31	8.61 30	5.73 29				-
DAILY AVG.	.08	.10	.14	.19	.18	.24	.29	.29	.21	.17	.11	.08	

Notes: Exposure good.

Bardwell Dam

Operated by: National Weather Service and Corps of Engineers.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Ellis County, 4.8 miles south of Ennis, lat. 32°16', long. 96°38'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1965					7.33 31	10.16 30	12.99 31	11.79 31	9.34 30	5.61 31	3.61 30	2.40 31	-
1966	2.07 31	2.53 28	6.73 31	7.84 30	7.69 31	11.69 30	12.21 31	9.44 31	6.52 30	6.90 31	5.80 30	2.97 31	82.39
1967	3.93 31	4.05 28	8.57 31	7.99 30	9.56 31	10.82 30	11.46 31	12.05 31	6.81 30	6.94 31	3.31 30	2.83 31	88.32
1968	1.40 31	2.84 29	4.53 31	5.88 30	8.24 31	8.65 30	10.00 31	10.65 31	7.57 30	6.59 31	4.25 30	3.57 31	74.17
1969	3.57 31	3.35 28	5.22 31	6.71 30	7.31 31	10.98 30	13.82 31	10.61 31	7.91 30	7.55 31	3.84 30	2.98 31	83.85
1970	2.23 31	3.66 28	4.41 31	6.60 30	8.08 31	10.78 30	12.56 31	13.11 31	7.99 30	4.85 31	5.42 30	4.03 31	83.72
DAILY AVG.	.09	.12	.19	.23	.26	.35	.39	.36	.26	.21	.15	.10	

Notes: Good exposure.

Barnhart

Operated by: Texas Agricultural Experiment Station and Texas Water Development Board.

Equipment type: Young screened 2-ft diameter pan.

Location: Crockett County, 9.2 miles south of Barnhart, lat. 30°59′, long. 101°09′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1959												3.38 30	-
1960	-	4.09 27	3.26 31	5.51 30	7.29 31	9.13 29	4.89 18	6.74 30	8.09 29	5.20 31	4.11 30	2.69 31	-
1961	2.26 30	2.74 28	5.83 31	5.99 29	8.34 29	6.07 26	7.83 31	8.00 31	6.34 29	5.54 31	3.51 30	2.79 30	67.32
1962	3.21 31	4.98 28	7.12 31	7.23 29	10.36 29	8.66 29	10.56 31	11.75 31	7.84 30	6.35 31	4.50 30	3.42 31	87.22
1963	2.87 30	4.53 26	5.97 31	6.34 29	7.51 31	6.98 30	9.43 31	7.31 29	5.93 28	5.42 31	4.77 29	2.80 28	71.89
1964	3.64 31	3.73 26	6.14 31	6.40 29	7.76 31	8.71 30	6.60 23	8.71 29	5.70 24	4.16 29	3.44 27	2.93 30	-
1965	3.20 28	3.41 27	4.29 29	5.48 30	5.80 31	7.11 30	9.07 31	8.52 31	7.65 30	5.98 31	4.17 30	3.19 29	68.85
1966	3.18 30	3.29 25	5.55 31	8.63 30	5.14 28	7.72 30	8.40 31	7.97 31	3.80 28	6.13 31	3.78 30	4.01 31	68.91
1967	3.56 30	4.23 27	4.74 27	5.27 26	6.55 25	7.67 28	8.76 31	8.49 30	4.22 23	-	3.24 26	3.56 30	-
1968	1.88 28	2.76 25	3.69 30	4.56 30	6.18 31	7.37 30	7.48 31	9.32 31	5.82 30	5.39 31	4.03 30	2.93 28	62.48
1969	3.23 28	3.45 27	5.14 26	5.49 26	3.94 24	-	4.00 17	3.79 10	5.01 29	3.66 27	2.30 25	1.65 23	-
1970	1.86 25	1.73 16	3.00 22	4.50 28	2.64 17	5.69 24	4.00 17	6.00 21	5.13 26	2.47 21	4.17 26	2.32 22	-
DAILY AVG.	.10	.14	.17	.21	.23	.26	.28	.28	.21	.17	.13	.10	

Notes: Good exposure.

Barnhart

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1968												3.78 26	-
1969	3.13 28	4.33 26	6.71 31	7.88 28	7.02 26	-	6.16 15	4.92 10	6.64 29	3.90 21	3.12 30	2.34 31	-
1970	2.13 29	2.34 25	3.18 21	8.61 30	4.16 15	9.07 24	5.84 15	5.72 14	5.08 20	3.86 24	4.35 28	3.42 21	-
DAILY AVG.	.09	.13	.19	.28	.27	.38	.40	.44	.24	.17	.13	.12	

Notes: Good exposure.

Beaumont

Operated by: Texas Agricultural Experiment Station and Texas Water Development Board.

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

Location: Jefferson County, 11.5 miles west of Beaumont, lat. 30°04', long. 94°17'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1916				3.70 30	5.43 31	6.24 30	5.15 31	5.15 31	4.58 30	4.06 31	2.62 30	2.12 31	-
1917	2.18 31	2.18 28	3.49 31	4.29 30	5.28 31	7.06 30	6.71 31	6.07 31	4.31 30	3.78 31	2.59 30	2.08 31	50.02
1918	2.09 31	3.83 28	4.05 31	4.20 30	5.06 31	5.59 30	5.89 31	5.16 31	4.93 30	3.05 31	2.05 30	1.61 31	47.51
1919	1.43 31	2.11 28	3.43 31	4.44 30	4.39 30	3.87 30	4.16 31	4.54 31	4.02 30	2.24 31	2.54 28	2.36 30	39.93
1920	1.79 31	2.41 29	3.93 31	4.47 30	4.82 31	4.61 28	4.81 31	4.46 31	4.29 30	3.19 30	2.47 30	2.11 31	43.80
1921	1.99 31	2.29 28	3.36 31	3.95 30	5.15 31	4.58 30	5.10 31	5.88 31	3.58 30	3.88 31	2.36 30	1.87 31	43.99
1922	1.99 31	1.96 28	3.48 31	3.87 30	5.20 31	4.48 30	4.98 31	4.98 31	4.01 30	3.87 31	2.67 30	2.00 31	43.49
1923	2.14 31	1.99 28	3.27 31	3.37 30	5.29 29	5.57 30	4.87 31	4.69 31	3.68 30	3.67 31	2.17 30	1.88 31	42.95
1924	2.19 31	2.87 29	3.13 31	3.49 30	4.95 31	5.55 30	6.84 31	6.43 31	5.49 30	4.16 31	3.31 30	2.38 31	50.79
1925	1.96 31	2.55 28	4.25 31	5.58 30	6.35 31	5.65 30	6.14 31	6.53 31	4.02 30	3.43 31	2.49 30	2.62 31	51.57
1926	1.93 31	2.69 28	3.31 31	3.98 30	4.92 31	5.81 30	4.60 31	5.10 31	4.85 30	4.32 31	2.82 30	2.20 31	46.53
1927	2.00 31	2.13 28	3.11 31	4.38 30	5.78 31	4.48 30	5.44 30	6.34 31	4.52 30	4.28 31	3.30 30	2.49 31	48.43
1928	2.05 31	2.35 29	3.29 31	4.18 30	6.38 31	4.66 29	5.46 31	5.05 31	4.01 30	3.63 31	2.23 30	1.89 31	45.34
1929	2.23 31	1.87 28	3.46 31	4.82 30	4.98 31	5.01 30	4.98 31	6.14 31	4.95 29	4.21 31	2.62 29	2.14 31	47.67
1930	1.85 31	2.00 28	2.99 31	4.97 30	4.14 31	7.16 30	6.17 31	5.91 31	4.32 30	3.95 31	2.39 30	1.95 31	47.80
1931	1.85 31	2.16 28	3.85 31	4.14 30	5.46 31	6.23 30	5.87 31	5.82 31	5.04 30	3.97 31	2.60 30	2.06 31	49.05
1932	2.52 31	1.95 29	4.06 31	4.94 30	5.50 31	6.15 30	6.57 31	5.92 31	4.82 30	4.01 31	2.60 30	1.74 31	50.78
1933	1.83 31	2.37 28	3.29 31	4.68 30	5.08 31	6.21 30	4.76 31	4.99 31	4.34 30	3.53 31	2.59 30	2.24 31	45.91
1934	1.87 31	2.68 28	3.34 31	4.40 30	5.52 31	6.39 30	6.11 31	5.37 31	3.99 30	3.62 31	3.12 30	1.80 31	48.21
1935	2.39 31	2.55 28	3.64 31	4.42 30	4.37 31	4.54 30	4.79 31	5.17 31	3.97 30	3.84 31	2.84 30	2.16 31	44.68
1936	1.56 31	2.17 29	2.89 31	4.63 30	4.20 31	6.58 30	5.14 31	5.13 31	4.35 30	3.85 31	2.83 30	1.62 31	44.95
1937	1.62 31	2.59 28	2.72 31	4.15 30	6.49 31	5.30 30	5.82 31	5.35 31	4.50 30	3.86 31	2.59 30	1.65 31	46.64
1938	2.09 31	2.16 28	2.98 31	3.90 30	5.41 31	5.17 30	5.23 31	5.01 31	4.08 30	3.87 31	2.98 30	1.94 31	44.82
1939	1.94 31	2.09 28	3.31 31	4.72 30	5.44 31	5.61 30	6.00 31	5.19 31	5.31 30	4.88 31	2.60 30	2.19 31	49.28
1940	1.89 31	2.11 29	3.41 31	3.81 30	5.36 31	5.35 30	5.21 31	5.29 31	5.01 30	3.43 31	2.85 30	2.69 31	46.41
1941	2.09 31	2.08 28	2.76 31	4.21 30	4.77 31	4.99 30	4.85 31	5.08 31	4.19 30	3.44 31	2.71 30	1.80 31	42.97
1942	2.47 31	2.25 28	3.41 31	3.49 30	5.15 31	4.92 30	5.10 31	4.19 31	4.30 30	3.88 31	2.84 30	2.06 31	44.06
1943	2.20 31	2.55 28	3.79 31	4.25 30	5.01 31	5.52 30	5.29 31	5.85 31	4.25 30	4.20 31	2.46 30	2.07 31	47.44
1944	1.86 31	2.25 29	3.19 31	3.93 30	4.16 31	6.55 30	6.55 31	5.36 31	4.52 30	4.09 31	2.68 30	2.23 31	47.37
1945	2.78 31	2.52 28	3.30 31	4.23 30	5.74 31	5.47 30	5.57 31	5.34 31	4.35 30	3.68 31	2.79 30	2.34 31	48.11
1946	2.56 31	2.26 28	3.18 31	4.86 30	4.51 31	4.97 30	5.15 31	5.17 31	4.07 30	3.40 31	2.59 30	2.50 31	45.22
1947	1.93 31	2.55 28	3.07 31	3.74 30	5.34 31	5.71 30	6.01 31	4.90 31	5.16 30	3.65 31	2.66 30	1.75 31	46.47
1948	2.02 31	1.68 29	3.07 31	4.76 30	5.07 31	6.04 30	5.12 31	5.10 31	4.14 30	3.69 31	1.90 26	1.94 31	44.82
1949	2.14 31	2.29 28	4.03 31	5.53 30	6.87 29	6.70 30	6.10 31	6.49 31	5.19 30	2.88 31	3.75 30	2.23 31	54.67
1950	2.41 30	3.03 28	4.97 31	4.80 30	6.92 31	6.54 30	6.00 31	6.21 31	4.39 28	3.80 30	3.51 30	2.55 31	55.65

(Beaumont — Bureau of Plant Industry 6-ft diameter pan—Continued)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1951	2.42 29	1.68 27	4.04 31	4.32 29	6.01 31	6.32 30	7.00 31	7.17 31	4.89 28	4.44 31	3.22 30	2.54 29	54.94
1952	2.33 31	2.34 27	3.71 31	3.96 27	5.79 31	6.46 30	6.16 30	4.57 23	5.62 28	5.21 29	3.12 27	2.73 31	-
1953	3.67 30	.73 9	-	1.27 7	6.20 31	6.72 29	3.30 25	4.32 25	5.55 30	5.08 31	3.25 28	2.86 27	-
1954	1.95 30	3.56 28	4.08 31	4.74 29	4.70 26								-
DAILY AVG.	.07	.08	.11	.14	.17	.19	.18	.18	.15	.12	.09	.07	

Notes: Exposure good.

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950									5.02 28	4.48 30	4.43 30	2.66 31	-
1951	3.45 28	2.66 27	5.06 31	5.37 29	7.50 31	8.58 30	11.98 31	9.68 31	4.90 27	5.04 31	3.43 30	3.02 30	71.96
1952	2.85 31	3.01 28	4.78 31	5.19 27	6.96 31	8.30 30	6.76 30	6.45 25	7.53 20	7.09 31	3.83 28	3.86 30	-
1953	4.26 29	2.87 26	3.46 31	5.98 30	-	7.60 26	6.35 29	6.82 31	6.75 30	5.89 31	3.80 30	2.12 21	-
1954	1.68 24	4.21 26											-
DAILY AVG.	.11	.12	.14	.19	.23	.28	.28	.26	.23	.18	.13	.10	

Notes: Exposure good. Operated approximately four years to correlate loss ratios between pans.

National Weather Service 4-ft diameter pan reestablished June 1969.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1969						6.18 19	8.09 27	7.53 28	6.86 29	4.93 28	3.97 28	3.40 27	-
1970	2.17 30	4.22 27	3.62 29	5.44 30	6.12 28	7.52 29	7.60 27	8.90 31	5.77 28	4.36 27	3.91 29	3.43 31	66.76
DAILY AVG.	.07	.16	.12	.18	.22	.29	.29	.28	.22	.17	.14	.12	

Notes: Exposure good. This pan reestablished in accordance with the State's station standardization program.

Beaumont

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950									3.60 27	3.63 30	3.34 30	2.41 31	-
1951	1.94 28	1.31 26	3.36 30	3.47 29	4.79 31	5.56 30	5.39 31	6.26 31	3.68 26	4.11 31	3.17 30	2.49 31	46.63
1952	2.21 31	2.23 28	3.45 31	3.26 26	4.45 29	5.13 30	4.50 29	4.11 25	5.25 30	5.76 31	3.07 29	4.65 30	50.50
1953	2.87 28	2.49 24	2.39 26	3.35 28	6.20 31	4.99 27	3.72 25	3.88 28	4.37 29	5.07 31	3.42 28	3.53 30	50.07
1954	1.97 26	3.88 26	-	-	-	6.08 30	5.85 31	4.94 29	5.07 30	4.89 30	3.32 30	3.17 31	-
1955	2.54 27	1.99 26	4.62 31	3.82 26	5.45 31	6.30 30	4.04 28	5.54 30	3.06 30	5.40 31	3.59 28	2.08 27	50.71
1956	2.33 29	2.22 28	3.03 29	3.54 30	5.10 30	5.25 29	5.92 30	6.38 30	6.18 29	4.25 31	3.65 30	2.55 26	52.31
1957	2.40 28	2.53 24	3.20 27	3.18 25	4.95 31	4.03 24	5.05 29	5.23 28	4.05 29	3.81 28	2.74 23	2.29 28	-
1958	2.42 29	2.48 27	3.48 30	3.52 28	4.26 29	5.46 30	5.69 31	5.55 25	3.43 27	3.97 31	2.50 25	1.89 23	-
1959	2.30 28	1.73 21	3.68 31	3.06 28	5.15 29	6.95 28	5.40 30	6.20 27	5.25 30	4.75 29	3.21 28	2.50 28	-
1960	2.42 28	2.23 23	3.02 30	4.04 30	5.81 31	6.41 30	5.84 31	4.78 24	5.13 30	3.87 31	3.03 28	2.48 28	-
1961	2.43 26	2.21 25	3.54 30	4.17 29	5.85 31	4.70 27	3.68 28	5.03 31	4.58 28	5.09 31	2.98 26	2.57 27	49.91
1962	1.74 28	2.04 26	3.56 30	4.09 30	6.10 31	4.20 29	4.92 21	5.22 27	6.19 28	4.27 31	3.07 30	1.68 20	-
1963	.89 13	1.89 28	1.53 31	2.36 30	6.08 31	5.22 29	3.87 31	5.20 30	3.73 24	4.86 31	3.29 23	3.22 31	-
1964	1.46 29	2.22 29	3.36 31	2.75 30	4.03 30	4.48 30	4.57 31	4.06 31	3.65 29	4.25 31	2.49 27	2.71 30	40.75
1965	2.84 31	2.43 25	3.07 30	3.50 30	4.95 31	4.93 29	4.65 28	4.95 31	5.50 30	4.63 31	3.34 30	2.58 28	48.71
1966	2.85 30	2.42 24	2.53 25	2.78 25	3.24 25	3.30 25	3.79 30	5.50 31	3.84 30	3.50 28	2.34 27	2.35 30	42.38
1967	2.04 29	2.71 24	2.24 31	2.11 26	3.66 27	5.19 29	5.98 31	4.88 30	5.20 28	5.04 30	3.24 29	3.34 28	48.43
1968	2.10 31	2.88 27	2.69 25	3.15 29	4.97 30	3.70 26	3.68 29	5.05 30	3.46 26	4.26 30	3.82 30	2.68 31	45.23
1969	2.59 31	1.80 23	3.21 30	3.24 28	3.58 30	1.90 11	4.90 26	5.46 29	4.56 28	5.16 31	3.72 28	3.67 28	-
1970	1.98 30	3.45 28	3.19 30	3.30 29	4.72 30	4.84 29	5.85 30	5.92 31	4.27 29	3.75 28	.27 2	1.84 21	-
DAILY AVG.	.08	.09	.11	.12	.16	.18	.17	.18	.16	.15	.11	.10	

Notes: Exposure good.

Beeville

Operated by: Texas Agricultural Experiment Station and Texas Water Development Board.

Equipment type: Bureau of Plant Industry 6 ft 3 in. diameter pan.

Location: Bee County, 4.5 miles northeast of Beeville, lat. 28°27', long. 97°42'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1915		2.42 21	4.85 28	3.35 26	5.98 31	6.26 24	6.93 24	4.19 18	3.55 19	4.40 28	2.42 15	2.16 26	-
1916	2.08 31	3.26 29	6.39 31	6.48 30	6.79 29	10.03 30	5.63 31	5.72 31	5.78 30	4.74 31	3.49 30	2.66 31	63.51
1917	2.51 31	3.72 28	4.92 31	6.57 30	6.58 31	9.44 30	9.94 31	9.66 31	6.61 30	5.66 31	3.81 30	3.06 31	72.48
1918	3.63 31	2.54 28	5.13 31	4.83 30	6.11 31	7.27 30	9.03 31	8.64 31	6.67 30	3.93 31	2.60 30	1.86 31	62.24
1919	1.61 31	2.49 28	3.77 31	4.97 30	4.68 31	5.62 30	4.95 31	6.64 31	5.08 29	3.33 31	2.81 30	2.15 31	48.27
1920	1.80 31	2.67 29	4.47 31	5.78 30	5.98 31	5.51 30	6.81 31	6.66 31	7.87 30	5.15 31	3.05 30	3.07 31	58.82
1921	2.74 31	2.86 26	3.78 31	5.78 30	6.19 31	6.39 30	7.68 31	7.81 29	4.70 30	5.13 31	3.48 30	3.28 31	60.57
1922	2.45 31	3.07 28	4.55 31	4.49 30	5.52 31	6.25 30	6.87 26	8.69 31	5.37 30	4.94 31	2.76 30	3.03 31	59.31
1923	3.53 31	2.26 28	4.61 31	3.97 30	7.72 31	8.40 30	7.54 31	8.17 31	4.78 30	3.92 31	2.10 27	1.41 31	58.64
1924	2.19 30	3.17 29	3.87 31	5.64 30	5.60 31	6.73 30	8.27 31	9.22 31	7.93 30	5.41 31	4.28 30	2.23 31	64.61
1925	2.88 31	4.12 28	4.83 31	6.57 30	6.76 31	8.82 30	11.22 31	8.56 31	5.13 30	3.95 31	2.64 30	2.08 31	67.56
1926	2.04 31	3.56 28	3.40 31	3.93 30	5.45 31	6.71 30	5.49 31	6.07 31	6.24 30	5.39 31	3.27 30	2.09 31	53.64
1927	2.05 31	2.74 28	3.49 31	4.98 30	7.71 31	7.02 30	7.40 31	7.99 31	4.88 30	3.87 31	3.19 30	2.46 31	57.78
1928	2.84 31	2.52 29	4.51 31	5.81 30	6.45 31	6.65 30	8.14 31	7.42 31	4.29 30	4.26 31	3.04 30	2.14 31	58.07
1929	1.86 31	2.27 28	3.69 27	5.24 30	5.98 31	6.85 30	5.70 30	6.72 31	5.87 24	5.52 31	3.15 30	2.40 30	57.54
1930	1.98 29	3.04 28	3.88 31	5.11 30	3.62 31	6.00 30	7.60 31	8.22 31	6.47 30	3.84 31	2.47 30	2.16 31	54.52
1931	1.86 31	1.95 28	4.94 31	4.14 30	5.11 31	6.78 30	6.78 31	6.33 31	5.95 30	5.09 31	4.02 30	2.22 31	55.17
1932	1.96 31	2.71 29	4.68 31	5.22 30	6.30 31	7.07 30	7.82 31	7.04 31	4.67 30	4.18 31	3.19 30	2.23 31	57.07
1933	2.13 31	1.99 28	4.23 31	5.73 30	7.17 31	7.54 30	7.79 31	6.28 31	4.86 30	4.28 31	3.11 30	3.26 31	58.37
1934	2.28 31	3.28 28	4.83 31	4.97 30	6.87 31	8.63 30	9.14 31	7.41 31	5.59 30	4.78 31	3.23 30	2.24 31	63.25
1935	2.65 31	3.28 28	5.04 31	4.94 30	6.32 31	6.02 30	7.39 31	7.32 31	5.28 30	4.18 31	2.96 30	1.96 31	57.34
1936	2.08 31	2.18 29	4.28 31	5.70 30	5.70 31	7.27 30	5.48 31	6.13 31	4.25 30	3.74 31	2.78 30	2.07 31	51.66
1937	1.75 31	2.78 28	3.60 31	5.83 30	7.54 31	6.93 30	7.49 31	6.40 31	6.14 30	6.55 31	3.69 30	2.55 31	61.25
1938	2.99 31	2.55 28	3.88 31	5.30 30	6.80 31	7.75 30	9.23 31	7.54 31	5.31 30	5.63 31	3.89 30	2.92 31	63.79
1939	2.17 31	3.50 28	4.87 31	7.19 30	7.36 31	6.77 30	8.53 31	6.66 31	5.65 30	5.05 31	2.77 30	2.56 31	63.08
1940	1.60 26	2.91 29	4.77 31	5.19 30	6.62 31	6.31 30	6.39 31	6.93 31	5.96 30	3.73 31	2.76 30	2.38 31	55.86
1941	2.37 31	2.34 28	2.92 31	3.94 30	5.42 31	4.67 30	6.85 31	6.24 31	5.49 30	4.06 31	2.85 30	3.25 31	50.40
1942	2.88 31	2.26 28	5.07 31	3.99 30	5.24 31	5.72 30	3.95 31	5.13 31	3.88 30	4.02 31	3.95 30	3.11 31	49.20
1943	2.73 31	3.71 28	4.93 31	6.17 30	6.81 30	6.28 30	7.09 31	8.10 31	5.21 27	6.15 31	3.21 30	2.07 31	63.26
1944	1.79 31	2.31 29	4.47 31	5.66 30	6.04 31	7.53 30	8.91 31	7.69 31	4.93 30	4.59 31	2.31 30	1.93 31	58.16
1945	3.09 31	2.87 28	4.96 31	4.86 29	7.02 31	7.15 30	6.40 31	6.16 31	6.91 30	3.85 31	3.88 30	2.83 31	60.15
1946	2.80 31	2.43 28	5.04 31	5.83 30	6.23 31	6.27 30	8.03 31	7.42 31	4.02 30	3.17 29	3.15 30	2.42 31	57.03
1947	1.82 31	2.83 28	3.97 31	4.08 30	5.47 31	7.06 30	8.45 31	5.96 31	6.75 30	4.48 31	3.71 30	2.02 31	56.60
1948	2.59 31	2.22 29	3.46 31	4.86 30	6.29 31	8.15 30	7.46 31	8.06 31	5.30 30	4.78 31	3.80 30	2.47 31	59.44
1949	2.26 31	2.60 28	4.42 31	4.62 28	5.46 31	7.24 30	6.54 31	6.92 31	5.77 30	4.66 31	3.69 30	3.00 31	57.51

(Beeville — Bureau of Plant Industry 6 ft 3 in. diameter pan—Continued)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950	3.16 31	2.78 28	5.12 31	7.84 30	7.17 31	7.22 30	7.24 31	8.40 31	5.96 30	5.34 31	4.14 30	3.83 31	68.20
1951	3.70 31	2.35 28	5.36 31	6.29 30	6.17 31	6.34 30	8.20 31	10.06 31	5.63 30	4.47 31	3.00 30	2.80 31	64.37
1952	3.20 31	3.83 29	5.37 31	5.84 30	8.40 31	7.02 30	7.14 31	8.60 31	4.98 30	5.09 31	2.86 30	2.41 31	64.74
1953	3.18 31	2.76 28	3.85 31	5.49 30	6.36 31	7.77 30	8.60 31	8.01 31	5.12 27	2.34 31	3.05 30	2.66 29	59.94
1954	2.61 30	4.02 28	5.63 31	6.12 30	7.11 31	8.77 29	8.23 31	8.11 31	6.38 29	5.27 31	4.05 30	3.77 31	70.68
1955	2.76 29	3.99 24											-
DAILY AVG.	.08	.10	.15	.18	.20	.24	.24	.24	.19	.15	.11	.08	

Notes: Good exposure.

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1955			6.18 29	6.69 29	8.88 31	11.71 30	11.16 30	8.56 30	5.18 29	6.82 30	4.86 29	3.85 31	-
1956	3.31 30	4.71 28	6.32 31	5.80 30	6.47 30	7.62 30	9.60 31	9.81 31	6.24 30	5.14 31	3.97 29	3.61 28	73.60
1957	3.36 25	3.16 25	4.33 28	3.98 24	6.90 28	5.10 30	7.84 31	7.50 29	6.01 28	4.11 31	3.08 26	2.74 25	63.57
1958	3.01 26	2.60 23	3.63 30	3.74 27	4.99 31	7.84 30	10.35 31	8.94 31	4.54 30	3.63 27	2.83 28	2.70 28	61.51
1959	2.76 24	2.18 20	4.94 30	4.81 28	7.04 31	6.25 28	7.70 31	6.81 31	5.72 30	5.17 30	4.13 30	2.78 31	-
1960	2.35 26	3.18 27	2.87 30	5.29 30	6.20 31	7.88 28	7.69 31	7.58 30	5.88 30	4.23 30	3.56 28	2.99 28	62.00
1961	2.08 27	2.60 26	4.07 31	5.61 29	7.07 31	6.78 30	6.71 30	6.15 31	6.00 30	5.68 31	5.33 30	3.56 31	62.56
1962	4.27 31	4.69 28	6.61 31	6.40 28	8.42 30	6.27 26	9.89 31	8.17 29	4.44 28	5.41 31	3.91 28	2.58 30	74.00
1963	2.66 30	4.47 26	4.13 30	5.90 30	6.63 31	7.21 30	7.71 31	8.55 31	6.72 30	5.24 31	4.63 29	2.81 31	67.39
1964	2.93 31	2.91 29	3.54 31	5.21 30	5.26 29	7.65 30	7.68 31	9.37 31	5.78 29	5.70 31	5.15 30	3.23 31	64.97
1965	3.16 31	2.52 28	3.52 29	4.56 30	4.73 31	5.94 30	8.19 31	7.10 31	6.83 30	4.70 31	3.12 30	3.10 30	57.81
1966	2.87 29	2.40 26	3.56 31	4.88 28	5.17 29	5.38 29	6.39 31	6.32 31	4.87 30	5.44 31	4.38 30	3.88 30	56.93
1967	3.13 31	3.92 28	5.06 31	6.04 30	7.20 30	8.05 30	9.20 31	7.55 31	4.88 28	7.64 28	3.47 29	3.47 30	71.25
1968	2.13 29	2.82 29	3.57 31	3.31 29	5.25 31	4.55 30	5.16 31	6.17 31	4.68 30	4.09 28	4.28 30	3.09 30	49.89
1969	2.99 30	2.68 27	4.10 30	4.48 30	4.50 30	6.92 28	9.08 31	8.57 30	5.41 30	4.24 25	3.74 28	3.46 30	62.83
1970	2.45 29	3.29 28	3.73 30	4.29 29	5.65 31	5.80 29	6.03 30	5.65 27	5.41 30	5.10 30	4.71 28	3.78 31	58.07
DAILY AVG.	.10	.12	.15	.18	.21	.24	.26	.25	.19	.17	.14	.11	

Notes: Good exposure.

Beeville

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1968		3.04 28	3.83 28	5.45 28	6.28 26	7.28 28	6.89 26	8.59 29	5.24 26	4.81 26	4.87 28	3.44 28	-
1969	3.36 29	2.92 26	5.49 29	6.64 27	6.58 28	9.31 28	10.63 31	9.25 29	6.98 30	4.78 27	4.59 28	4.12 30	79.38
1970	2.82 27	3.66 26	4.99 29	6.01 27	7.40 27	7.47 27	6.64 28	6.96 27	6.82 30	5.63 27	5.29 28	4.64 31	74.92
DAILY AVG.	.11	.12	.17	.22	.25	.29	.28	.29	.22	.19	.18	.14	

Notes: Good exposure.

Belton Dam

Operated by: National Weather Service and Corps of Engineers.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Bell County, 3.5 miles northwest of Belton, lat. 31°06′, long. 97°28′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1953							10.71 31	10.43 31	7.59 30	5.79 31	2.99 30	2.97 31	-
1954	2.65 31	5.18 28	5.68 31	7.25 30	7.78 31	11.98 30	14.19 31	13.21 31	10.21 30	6.40 31	4.65 30	3.82 31	93.00
1955	2.78 31	2.72 28	5.43 31	7.71 30	8.86 31	9.11 30	9.86 31	9.67 31	7.66 30	7.26 31	5.22 30	3.31 31	79.59
1956	3.47 31	3.78 29	6.58 31	7.76 30	11.07 31	11.90 30	13.97 31	13.18 31	10.93 30	7.33 31	4.91 30	3.81 31	98.69
1957	2.39 31	2.82 28	4.59 31	3.20 30	5.76 31	7.79 30	11.39 31	11.67 31	7.16 30	4.80 31	2.34 30	3.15 31	67.06
1958	2.95 31	3.00 28	4.19 31	5.36 30	7.28 31	9.83 30	12.51 31	11.37 31	5.94 30	3.84 31	3.33 30	2.50 31	72.10
1959	-	2.39 28	7.06 31	5.97 30	8.20 31	8.84 30	9.38 31	9.20 31	7.46 30	5.22 31	3.33 30	2.75 31	-
1960	2.34 31	3.29 29	3.94 31	7.21 30	7.93 31	11.27 30	9.92 31	8.04 31	8.48 30	5.32 31	3.18 30	1.80 31	72.72
1961	2.25 31	3.44 28	5.70 31	7.23 30	8.82 31	8.39 30	8.29 31	8.83 31	8.14 30	5.05 31	2.86 30	2.56 31	71.56
1962	2.35 31	4.59 28	6.07 31	6.86 30	9.95 31	9.34 30	11.92 31	12.97 31	7.55 30	5.98 31	3.61 30	2.48 31	83.67
1963	2.23 31	3.28 28	6.15 31	6.84 30	8.17 31	11.53 30	13.40 31	12.44 31	8.64 30	7.64 31	4.66 30	2.16 31	87.14
1964	3.68 31	2.86 29	5.83 31	5.81 30	6.88 31	10.22 30	11.91 31	11.24 31	6.82 30	4.91 31	3.71 30	2.77 31	76.64
1965	3.40 31	3.21 28	4.19 31	5.99 30	5.56 31	7.86 30	11.82 31	10.47 31	8.00 30	4.42 31	3.09 30	1.83 31	69.84
1966	2.03 31	2.60 28	5.41 31	6.57 30	5.57 31	8.18 30	10.18 31	8.33 31	6.16 30	5.66 31	4.44 30	2.82 31	67.95
1967	3.70 31	4.16 28	7.66 31	7.20 30	7.42 31	9.43 30	10.76 31	12.14 31	6.24 30	5.76 31	2.86 30	2.23 31	79.56
1968	1.73 31	3.04 29	4.54 31	5.12 30	6.08 31	6.74 30	9.35 31	9.70 31	6.89 30	5.70 31	3.69 30	3.07 31	65.65
1969	2.82 31	3.17 28	4.48 31	6.33 30	6.29 31	10.91 30	12.52 31	10.95 31	5.87 30	5.86 31	3.45 30	2.35 31	75.00
1970	2.03 31	3.19 28	4.25 31	5.39 30	6.92 31	7.74 30	10.42 31	10.32 31	6.14 30	3.91 31	3.98 30	3.44 31	67.73
DAILY AVG.	.09	.12	.17	.21	.24	.32	.36	.35	.25	.18	.12	.09	

Notes: Good exposure.

Benbrook Dam

Operated by: National Weather Service and Corps of Engineers.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Tarrant County, 2.6 miles southeast of Benbrook, lat. 32°39', long. 97°27'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1953							12.03 31	11.67 31	10.96 30	7.55 31	3.81 30	3.65 31	-
1954	-	6.51 28	8.05 31	9.21 30	8.16 31	14.92 30	16.71 31	16.29 31	12.84 30	7.82 31	4.91 30	4.14 31	-
1955	2.78 31	3.78 28	6.83 31	9.27 30	11.01 31	11.23 30	13.88 31	12.30 31	10.46 30	8.82 31	6.51 30	3.70 31	100.57
1956	-	4.12 29	8.27 31	9.25 30	12.21 31	14.28 30	17.30 31	17.49 31	13.31 30	9.08 31	5.04 30	4.10 31	-
1957	2.82 31	2.71 28	4.65 31	4.70 30	6.46 31	9.53 30	14.11 31	14.23 31	8.35 30	5.19 31	2.75 30	3.98 31	79.48
1958	2.75 31	2.99 28	3.83 31	6.27 30	8.39 31	11.91 30	14.02 31	12.35 31	7.69 30	4.93 31	4.47 30	2.91 31	82.51
1959	2.67 31	3.04 28	8.75 31	8.06 30	8.90 31	9.95 30	10.37 31	12.57 31	9.37 30	6.06 31	3.92 30	3.29 31	86.95
1960	2.52 31	3.70 29	5.64 31	8.11 30	10.76 31	11.70 30	11.68 31	10.76 31	9.51 30	6.15 31	4.45 30	2.24 31	87.22
1961	2.13 31	3.87 28	7.01 31	8.47 30	9.80 31	9.42 30	10.13 31	10.84 31	10.36 30	6.18 31	3.41 30	2.65 31	84.27
1962	2.29 31	5.22 28	7.31 31	6.41 30	11.98 31	8.71 30	11.32 31	11.55 31	7.00 30	5.83 31	3.44 30	2.33 31	83.39
1963	-	-	7.25 31	8.52 30	8.40 31	11.12 30	13.40 31	13.02 31	8.44 30	8.49 31	4.72 30	2.49 31	-
1964	3.19 31	3.32 29	6.50 31	7.18 30	7.87 31	11.25 30	14.85 31	11.74 31	8.44 30	5.77 31	3.73 30	3.00 31	86.84
1965	3.19 31	3.30 28	4.31 31	7.32 30	5.90 31	9.24 30	13.11 31	11.34 31	10.18 30	5.57 31	3.36 30	2.22 31	79.04
1966	2.18 31	2.75 28	6.57 31	7.19 30	7.02 31	9.54 30	11.04 31	8.97 31	5.69 30	5.86 31	4.90 30	2.70 31	74.41
1967	3.91 31	4.44 28	7.64 31	7.36 30	9.58 31	10.00 30	10.94 31	11.87 31	6.44 30	6.70 31	3.30 30	2.70 31	84.88
1968	1.34 31	2.81 29	4.66 31	6.14 30	7.06 31	8.60 30	10.35 31	11.15 31	7.61 30	6.38 31	3.86 30	3.23 31	73.19
1969	2.91 31	3.26 28	4.61 31	6.66 30	7.33 31	11.20 30	13.27 31	9.92 31	6.45 30	5.68 31	3.37 30	2.44 31	77.10
1970	1.87 31	3.45 28	4.35 31	6.06 30	7.99 31	9.46 30	11.43 31	11.75 31	7.64 30	5.59 31	4.62 30	4.09 31	78.30
DAILY AVG.	.08	.13	.20	.25	.28	.36	.41	.39	.30	.21	.14	.10	

Notes: Good exposure.

Big Spring No. 1

Operated by: U.S. Department of Agriculture, Agricultural Research Service (formerly Bureau of Plant Industry); and Texas Water Development Board.

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

Location: Howard County, 1 mile north of Big Spring, lat. 32°16′, long. 101°29′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1915						11.49 30	11.34 31	8.15 31	6.12 30	-	-	-	-
1916	-	-	-	6.61 30	10.84 31	13.29 30	10.44 31	9.24 31	7.71 30	-	-	-	-
1917	-	-	-	10.01 30	10.87 31	13.38 30	13.16 31	12.25 31	8.13 30	-	-	-	-
1918	-	-	-	9.67 30	11.33 31	10.62 30	13.24 31	12.64 31	8.43 30	-	-	-	-
1919	-	-	-	6.99 30	8.35 31	8.03 30	10.27 31	10.58 31	6.67 30	-	-	-	-
1920	-	-	-	8.75 30	8.82 31	9.35 30	12.48 31	6.99 31	7.06 30	-	-	-	-
1921	-	-	-	9.21 30	9.11 31	9.13 30	11.51 31	12.84 31	8.82 30	-	-	-	-
1922	-	-	-	8.48 30	8.46 31	8.79 30	12.93 31	11.67 31	9.69 30	-	-	-	-
1923	-	-	-	5.95 30	8.85 31	9.79 30	10.37 31	10.33 31	6.93 30	-	-	-	-
1924	-	-	-	7.18 30	8.18 31	11.56 30	10.87 31	11.09 31	7.43 30	-	-	-	-
1925	-	-	-	4.44 30	8.17 31	11.24 30	11.87 31	8.10 31	6.42 30	-	-	-	-
1926	-	-	-	5.40 30	8.29 31	10.15 30	9.98 31	10.11 31	7.67 30	-	-	-	-
1927	-	-	-	8.58 30	11.71 31	10.37 30	10.15 31	12.12 31	7.06 30	-	-	-	-
1928	-	-	-	8.37 30	7.44 31	10.96 30	9.71 31	7.17 31	6.94 30	-	-	-	-
1929	-	-	-	7.33 30	7.22 31	10.69 30	9.28 31	10.10 31	6.86 30	-	-	-	-
1930	-	-	-	6.06 30	8.12 31	8.71 30	11.65 31	10.23 31	9.18 30	-	-	-	-
1931	-	-	-	5.61 30	7.55 31	9.47 30	9.55 31	9.55 31	9.21 30	-	-	-	-
1932	-	-	-	7.50 30	6.51 31	7.90 30	9.73 31	8.04 31	3.95 30	-	-	-	-
1933	-	-	-	8.17 30	9.08 31	11.41 30	10.38 31	8.32 31	7.00 30	-	-	-	-
1934	-	-	-	7.04 30	10.15 31	12.56 30	12.08 31	11.72 31	8.72 30	-	-	-	-
1935	-	-	-	8.23 30	7.79 31	7.66 30	9.10 31	9.34 31	4.40 30	-	-	-	-
1936	-	-	-	8.59 30	7.46 31	10.30 30	10.98 31	11.36 31	6.32 30	-	-	-	-
1937	-	-	-	8.00 30	8.94 31	10.31 30	11.33 31	10.93 31	8.09 30	-	-	-	-
1938	-	-	-	7.80 30	10.87 31	9.28 30	9.09 31	10.79 31	9.00 30	-	-	-	-
1939	-	-	-	8.94 30	9.03 31	11.97 30	11.77 31	9.06 31	9.89 30	-	-	-	-
1940	-	-	-	8.82 30	9.03 31	8.70 30	11.68 31	8.53 31	8.17 30	-	-	-	-
1941	-	-	-	5.67 30	6.07 30	7.23 30	8.74 31	4.07 31	6.50 30	-	-	-	-
1942	-	-	-	7.01 30	8.82 30	10.26 30	11.67 31	7.83 30	5.59 29	-	-	-	-
1943	-	-	-	9.51 30	8.61 31	9.96 30	9.65 31	12.95 31	7.34 30	-	-	-	-
1944	-	-	-	8.60 30	8.23 31	10.07 30	10.99 31	10.48 31	6.79 30	-	-	-	-
1945	-	-	-	6.50 30	10.82 31	11.32 30	7.19 30	7.99 31	7.98 30	-	-	-	-
1946	-	-	-	7.26 30	8.50 31	9.15 30	10.90 31	10.46 31	5.65 30	-	-	-	-
1947	-	-	-	6.28 30	7.54 31	9.68 30	11.22 31	9.99 31	8.32 30	-	-	-	-
1948	-	-	-	8.53 30	9.16 31	10.02 30	9.51 31	10.83 31	7.03 30	-	-	-	-
1949	-	-	-	4.70 30	6.62 31	9.09 30	9.98 31	9.48 31	6.14 30	-	-	-	-

(Big Spring No. 1 – Bureau of Plant Industry 6-ft diameter pan—Continued)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950	-	-	-	7.25 30	7.39 31	9.12 30	8.39 31	9.84 31	5.72 30	-	-	-	-
1951	-	-	-	8.05 30	8.76 31	9.65 30	10.65 31	11.29 31	8.54 30	-	-	-	-
1952	-	-	-	8.40 30	10.04 31	12.09 30	10.45 31	12.14 31	7.23 30	-	-	-	-
1953	-	-	-	8.62 30	10.07 31	12.61 30	11.14 31	9.00 31	9.33 30	-	-	-	-
1954	-	-	-	6.32 30	6.89 31	8.82 30	10.91 31	9.88 31	8.53 30	-	-	-	-
1955	-	-	-	8.93 30	8.14 31	10.24 30	9.16 31	8.18 31	7.14 30	-	-	-	-
1956	-	-	-	7.70 30	10.34 31	11.48 30	11.32 31	11.19 31	9.40 30	-	-	-	-
1957	-	-	-	6.05 30	6.16 30	8.29 30	10.38 31	10.38 31	7.23 30	-	-	-	-
1958	-	-	-	5.88 29	7.06 31	9.78 30	11.23 31	9.86 31	6.14 30	-	-	-	-
1959	-	-	-	7.46 29	9.35 31	10.35 30	8.81 31	10.42 30	10.71 30	5.47 31	3.70 30	2.73 31	-
1960	2.37 31	3.45 24	3.84 24	9.11 30	10.72 31	13.21 30	10.51 30	11.39 31	9.41 30	6.26 31	4.18 30	2.05 29	-
1961	2.16 31	2.85 28	5.89 31	9.25 30	11.19 31	9.72 29	9.98 31	10.68 31	8.60 30	7.13 31	3.04 30	2.64 27	83.85
1962	2.93 31	5.06 27	6.37 31	7.46 30	12.29 31	11.51 30	11.42 31	12.51 31	6.70 28	6.25 31	3.91 30	2.59 28	89.95
1963	3.07 31	3.79 28	7.18 31	8.73 30	8.68 31	9.65 30	13.04 31	11.75 31	8.11 30	7.20 31	4.73 30	1.53 18	-
1964	3.52 27	3.58 24	6.20 27	9.43 29	10.76 31	11.80 30	13.84 31	12.33 31	7.87 30	6.76 31	4.53 30	3.32 31	96.44
1965	3.75 31	3.70 28	5.99 31	9.34 30	8.25 30	11.10 30	13.58 31	9.93 31	8.70 30	6.52 31	4.34 30	3.10 31	88.57
1966	3.29 31	2.91 28	7.08 31	7.46 28	8.18 31	10.50 30	11.70 31	8.82 31	5.15 30	5.79 31	4.47 30	3.55 31	79.43
1967	3.82 31	4.62 28	7.05 31	8.36 30	12.22 31	11.44 30	11.08 30	9.99 31	6.06 29	7.28 31	3.64 30	2.38 26	88.98
1968	1.71 30	2.62 29	3.74 31	7.31 30	8.61 29	10.83 30	8.93 29	9.76 31	7.45 30	6.86 31	3.94 30	2.98 31	76.00
1969	3.38 31	3.57 28	5.11 30	7.55 29	8.01 29	11.55 30	13.44 31	10.94 31	6.11 30	5.71 31	3.36 29	2.31 31	82.12
1970	2.26 30	2.88 27	4.48 30	6.75 29	10.49 31	10.69 30	12.40 31	11.54 31	7.94 30	5.47 31	5.07 30	3.80 30	84.46
DAILY AVG.	.10	.13	.19	.26	.29	.34	.35	.33	.25	.21	.14	.10	

Notes: Exposure good until 1959 when encroaching tree growth restricted air movement. Station moved 250 yards northwest in March 1959.

Big Spring No. 1

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1956				9.05 29	12.43 31	13.43 30	13.41 31	13.09 31	11.09 30	-	-	-	-
1957	-	-	-	7.55 29	8.70 31	10.32 30	12.51 31	11.73 31	8.28 30	-	-	-	-
1958	-	-	-	7.41 29	9.23 31	12.05 30	13.36 31	11.30 31	6.97 30	-	-	-	-
1959	-	-	-	9.33 29	11.31 31	12.05 30	9.72 30	12.34 30	12.18 30	6.47 31	4.07 30	3.42 31	-
1960	2.97 31	4.37 29	5.01 29	10.19 30	12.63 31	15.57 30	12.21 30	12.68 31	10.41 30	7.14 31	4.89 30	2.70 30	101.60
1961	2.75 31	3.54 28	7.46 31	11.51 30	13.00 31	11.43 29	11.42 31	11.80 31	10.02 30	8.31 31	3.35 30	2.78 27	98.17
1962	2.98 31	5.09 27											-
DAILY AVG.	.09	.15	.21	.31	.36	.42	.39	.39	.33	.24	.14	.10	

Notes: Exposure partially restricted due to encroaching tree growth. Station moved 250 yards northwest in March 1959.

Big Spring No. 1

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1956				7.04 29	8.88 31	10.94 30	11.57 31	11.21 31	9.96 30	-	-	-	-
1957	-	-	-	6.00 30	5.10 31	7.49 30	10.43 31	9.72 30	7.56 30	-	-	-	-
1958	-	-	-	5.22 29	6.14 31	9.33 29	10.36 30	9.45 31	6.39 30	-	-	-	-
1959	-	-	-	6.74 30	7.97 31	9.22 30	7.40 30	10.47 31	10.67 30	5.38 31	3.92 30	2.76 31	-
1960	2.14 31	3.29 28	3.52 29	7.36 30	9.60 31	12.73 30	9.94 30	11.45 31	9.56 30	6.34 31	4.34 30	2.49 31	83.45
1961	2.07 31	2.60 25	5.29 31	8.61 30	10.34 31	8.69 29	8.87 30	10.51 31	8.84 30	7.58 31	3.17 30	2.51 31	79.98
1962	2.49 31	4.78 28	5.99 31	7.06 30	11.62 31	10.97 30	11.04 31	12.79 31	6.72 28	6.54 31	4.27 30	2.76 31	87.51
1963	2.78 31	3.03 28	5.70 31	7.06 30	6.92 31	7.66 30	11.86 31	10.77 31	7.51 30	6.91 31	4.69 30	2.43 28	77.58
1964	3.71 31	3.19 29	6.24 31	8.51 30	9.48 31	10.08 30	11.46 30	11.27 31	7.57 30	6.26 31	4.64 30	3.31 31	86.10
1965	3.77 31	3.42 28	4.98 30	8.41 30	6.72 30	9.47 29	12.63 31	9.21 31	7.99 30	5.67 31	3.79 30	2.85 31	79.61
1966	2.56 31	2.53 28	6.48 31	6.90 29	6.56 31	9.59 30	11.23 31	8.60 31	4.59 30	5.88 31	4.80 30	4.05 31	74.00
1967	3.77 31	4.61 28	6.58 31	8.06 30	11.53 31	11.09 30	10.68 31	10.57 31	5.80 29	8.01 31	3.97 27	3.14 31	88.45
1968	1.67 31	2.70 26	3.40 30	6.50 28	7.89 30	9.09 29	8.90 30	9.66 31	7.37 29	7.19 31	4.35 30	3.11 29	74.03
1969	3.51 30	3.80 28	5.15 31	6.29 28	6.61 29	11.17 30	14.14 31	11.18 31	5.69 30	5.72 30	3.62 30	2.26 31	80.35
1970	1.42 31	3.14 28	4.33 30	6.16 29	9.62 31	9.80 29	12.68 31	10.82 31	8.35 30	5.64 31	5.63 30	3.97 30	82.37
DAILY AVG.	.09	.12	.17	.24	.27	.33	.36	.34	.26	.21	.14	.10	

Notes: Exposure partially restricted due to encroaching tree growth. Station moved 250 yards northwest in March 1959.

Big Spring No. 2

Operated by: U.S. Department of Agriculture, Agricultural Research Service; and Texas Water Development Board.

Equipment type: Young screened 2-ft diameter pan.

Location: Howard County, 1.3 miles north of Big Spring, lat. 32°16', long. 101°29'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1968					6.78 24	9.18 26	10.31 30	9.48 26	8.06 27	7.20 28	4.36 29	3.77 30	-
1969	3.78 31	4.60 28	5.68 31	6.76 27	8.81 30	13.48 30	15.79 31	12.76 31	6.69 30	6.45 31	3.89 30	2.41 31	92.14
1970	1.41 31	3.35 27	4.34 30	8.07 30	10.41 31	9.97 28	13.39 30	12.87 31	7.78 30	5.74 30	6.13 30	4.50 29	89.87
DAILY AVG.	.08	.14	.16	.26	.31	.39	.43	.40	.26	.22	.16	.12	

Notes: Good exposure.

Brazoria Reservoir

Operated by: Dow Chemical Company and Texas Water Development Board.

Equipment type: Young screened 2-ft diameter pan.

Location: Brazoria County, 1.6 miles northeast of Brazoria, lat. 29°03', long. 95°33'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1955	2.85 26	2.73 27	5.12 31	4.16 29	6.15 31	7.30 30	6.48 30	6.06 30	4.46 28	6.47 31	5.48 30	4.08 31	62.86
1956	3.72 31	3.56 26	4.13 31	5.48 29	6.36 30	6.98 28	7.16 30	6.61 31	7.83 30	5.28 31	4.60 30	3.20 30	66.57
1957	2.87 31	3.36 28	4.78 30	5.02 30	5.06 29	6.09 30	7.86 31	7.21 31	5.67 27	5.59 29	3.64 26	3.13 31	62.35
1958	4.16 30	4.03 28	4.51 31	5.28 30	6.43 30	7.43 30	7.29 31	7.73 31	3.87 22	5.09 31	3.54 30	3.94 31	-
1959	2.87 29	2.98 24	4.87 31	4.24 29	5.49 27	6.18 29	5.41 29	5.80 28	5.78 29	4.79 31	5.16 30	3.20 30	59.92
1960	3.43 30	4.09 29	4.05 31	5.17 30	5.58 28	6.67 27	7.22 31	6.14 29	7.43 30	4.55 29	3.91 25	4.04 28	65.67
1961	3.45 29	3.07 27	4.69 31	5.09 30	6.76 31	4.77 28	6.18 27	6.56 28	4.84 27	6.22 31	5.84 29	3.57 31	64.07
1962	3.07 31	2.72 28	4.44 31	3.95 30	5.48 31	4.60 29	5.88 31	6.60 31	4.89 30	5.61 31	4.39 29	2.66 27	54.99
1963	2.89 30	2.88 28	3.28 31	4.10 30	5.29 31	6.42 29	6.56 31	7.57 31	5.47 30	4.71 31	3.94 29	3.45 31	57.01
1964	2.43 30	3.08 28	3.35 31	3.54 30	4.77 31	5.67 30	5.71 31	5.85 31	4.13 29	5.02 31	3.44 30	3.22 31	50.54
1965	3.21 31	3.04 28	4.04 31	4.21 29	4.08 30	5.05 30	5.32 30	4.92 31	4.86 30	4.60 31	2.72 28	2.63 27	49.71
1966	2.90 31	2.92 28	4.26 31	4.07 29	4.75 29	5.81 29	6.82 31	6.41 29	4.53 28	5.53 30	3.48 29	3.06 31	56.26
1967	3.13 31	3.19 28	4.32 31	4.70 30	6.07 31	7.75 30	6.84 31	5.34 29	5.55 28	5.36 29	3.42 30	2.84 29	59.81
1968	1.92 28	3.19 29	3.10 30	3.93 29	4.84 29	4.02 24	5.87 31	6.69 31	5.31 29	4.24 28	4.14 30	3.30 29	53.18
1969	3.09 30	2.43 24	4.40 31	3.29 26	3.87 27	6.81 30	7.02 29	6.36 29	5.52 30	5.42 31	3.97 29	2.73 30	57.61
1970	-	-	2.70 21	3.62 30	4.34 24	4.71 25	5.28 31	5.32 27	4.72 25	4.55 23	3.83 28	2.25 25	-
DAILY AVG.	.10	.12	.14	.15	.18	.21	.21	.21	.19	.17	.14	.11	

Notes: Good exposure.

Brazoria Reservoir

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1970	2.21 31	3.23 27	3.41 25	5.07 30	4.55 21	6.47 26	6.90 29	8.50 31	5.10 25	4.23 22	3.94 28	2.24 24	-
DAILY AVG.	.07	.12	.14	.17	.22	.25	.24	.27	.20	.19	.14	.09	

Notes: Good exposure.

Brownsville—3 SE

Operated by: International Boundary and Water Commission.

Equipment type: Evaporometer.

Location: Cameron County, 3.5 miles southeast of Brownsville, lat. 25°53', long. 97°27'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1958							6.90 31	7.75 31	3.12 30	1.73 31	2.52 30	2.60 31	-
1959	1.67 31	1.24 28	1.09 31	2.84 30	3.83 31	4.47 30	5.60 31	4.64 31	6.67 30	4.84 31	3.07 30	2.58 31	42.54
1960	2.49 31	3.19 29	2.67 31	4.81 30	4.67 31	6.29 30	7.72 31	6.03 31	3.62 30	3.36 31	2.23 30	1.36 31	48.44
1961	1.16 31	1.67 28	3.88 31	5.02 30	5.42 31	6.15 30	7.67 31	5.73 31	4.67 30	3.77 31	2.68 30	2.23 31	50.05
1962	1.97 31	3.28 28	3.97 31	4.67 30	6.08 31	5.98 30	7.08 31	6.97 31	5.68 30	5.54 31	3.65 30	2.06 31	56.93
1963	1.02 31	3.86 28	5.31 31	6.59 30	6.76 31	6.29 30	6.26 31	7.11 31	4.90 30	3.98 31	5.74 30	2.63 31	60.45
1964	2.89 31	3.03 29	5.41 31	5.32 30	5.85 31	5.58 30	7.66 31	8.93 31	5.74 30	4.75 31	-	3.20 31	-
1965	4.52 31	3.83 28	4.98 31	7.78 30	7.92 31	7.90 30	7.59 31	4.18 31	-	-	4.46 30	3.83 31	-
1966	2.03 31	2.63 28	4.63 31	4.28 30	2.40 31	4.79 30	4.79 31	7.41 31	6.56 30	3.86 31	5.01 30	4.40 31	52.79
1967	2.63 31	4.35 28	5.15 31	7.66 30	8.32 31	8.09 30	10.64 31	7.48 31	5.15 30	5.58 31	3.32 30	2.89 31	71.26
1968	2.46 31	3.00 29	6.09 31	3.43 30	5.35 31	6.05 30	5.76 31	6.16 31	4.09 30	5.51 31	4.43 30	4.69 31	57.02
1969	5.38 31	4.69 28	5.58 31	8.30 30	5.41 31	6.83 30	8.17 31	7.18 31	3.32 30	5.08 31	3.72 30	1.67 31	65.33
1970	1.93 31	5.21 28	3.52 31	6.37 30	5.12 31	5.55 30	6.07 31	5.84 31	4.89 30	3.92 31	3.15 30	3.79 31	55.36
DAILY AVG.	.08	.12	.14	.19	.18	.21	.23	.21	.16	.14	.12	.09	

Notes: Calibrated against the 2-ft Young screened pan.

Brownsville—6 NE

Operated by: Port of Brownsville and Texas Water Development Board.

Equipment type: Young screened 2-ft diameter pan.

Location: Cameron County, 6.3 miles northeast of Brownsville, lat. 25°57′, long. 97°25′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1959								4.54 18	8.24 30	6.05 31	5.00 30	3.54 31	-
1960	3.37 29	4.44 29	3.86 29	5.57 30	6.50 30	7.45 29	10.14 31	9.98 31	6.23 30	5.52 31	3.63 29	2.78 29	70.73
1961	2.34 27	3.01 28	4.65 31	6.17 28	2.32 9	.84 3	8.12 31	6.86 29	4.73 27	4.68 30	3.21 25	2.79 26	-
1962	3.03 31	3.66 28	5.54 31	4.98 27	7.00 28	8.65 28	9.05 31	6.51 28	5.02 30	5.18 31	3.25 27	3.32 26	68.80
1963	3.23 29	3.60 28	4.31 31	5.88 30	5.50 29	5.99 27	7.23 31	6.44 31	6.04 30	3.91 31	5.10 30	3.15 31	61.63
1964	2.91 31	3.20 29	3.80 31	4.80 30	7.32 31	6.33 30	7.16 28	8.00 27	6.13 30	5.52 30	4.08 28	3.49 26	65.83
1965	3.15 30	3.00 28	2.73 29	5.72 30	6.19 31	7.44 30	5.57 20	5.45 29	7.11 30	4.52 31	2.72 29	2.38 28	-
1966	3.40 29	2.47 28	3.94 31	4.87 30	5.35 30	5.15 29	6.68 31	8.00 31	5.97 30	4.11 26	3.10 25	3.43 29	58.70
1967	2.99 26	3.26 25	3.80 27	4.67 23	6.63 27	8.47 27	8.40 27	6.14 22	4.06 17	4.33 27	2.76 26	3.45 27	-
1968	2.05 25	2.46 22	4.94 31	4.97 27	5.60 29	5.35 24	5.73 29	5.77 26	3.27 23	2.74 19	4.99 26	4.60 28	-
1969	3.33 31	3.37 27	4.93 31	4.92 30	5.54 27	6.66 28	9.55 30	5.50 26	4.32 26	4.88 28	3.52 25	3.38 29	64.80
1970	2.89 22	1.90 18	3.85 25	5.30 27	5.13 29	5.46 26	1.51 6	4.97 20	-	2.58 16	2.69 15	1.40 8	-
DAILY AVG.	.11	.12	.14	.19	.21	.24	.27	.25	.20	.16	.14	.12	

Notes: Good exposure.

Brownsville—6 NE

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1969						4.35 10	12.09 30	8.21 26	6.48 26	6.31 29	4.09 23	3.97 31	-
1970	1.43 10	3.15 24	5.13 26	8.35 28	6.74 29	7.81 27	6.27 20	5.03 16	3.77 14	3.95 19	3.19 15	4.19 27	-
DAILY AVG.	.14	.13	.20	.30	.23	.33	.37	.32	.26	.21	.19	.14	

Notes: Good exposure.

Buchanan Dam

Operated by: Lower Colorado River Authority and Texas Water Development Board.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Llano County, 15.3 miles east of Llano, lat. 30°45', long. 98°25'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1943								14.03 31	7.33 30	5.60 31	4.22 30	2.28 31	-
1944	1.88 24	2.60 29	4.76 31	8.71 30	7.31 30	9.85 30	12.09 31	11.76 27	7.93 30	6.13 31	3.68 30	2.99 31	-
1945	2.75 31	3.44 28	5.61 31	5.85 29	10.03 31	10.44 30	9.61 31	9.96 31	9.31 28	-	4.69 30	3.06 31	-
1946	3.16 31	3.87 28	6.72 31	7.33 30	6.99 31	9.23 30	12.57 31	11.74 31	6.04 30	4.87 31	3.49 30	3.11 24	-
1947	2.09 23	3.48 28	5.61 31	6.77 30	8.00 31	11.35 30	12.50 31	10.41 31	-	6.73 29	3.80 30	2.19 31	-
1948	2.03 31	2.15 29	5.51 31	8.97 29	8.62 30	12.20 30	9.80 28	10.42 29	7.87 30	6.25 31	4.21 30	3.14 30	83.61
1949	1.78 28	2.29 23	5.31 31	5.45 30	7.62 31	9.79 30	10.90 31	10.01 31	7.80 30	4.95 31	4.96 30	3.05 31	74.60
1950	2.72 31	2.92 28	6.49 31	6.14 30	7.40 31	9.46 30	11.40 31	11.23 31	7.34 30	7.05 31	5.31 30	3.61 31	81.07
1951	4.49 31	2.99 23	6.63 31	8.52 30	2.32 8	3.95 9	13.49 31	13.90 31	8.40 27	8.97 31	4.29 29	3.43 29	-
1952	3.91 31	5.13 29	6.16 31	6.75 29	8.57 30	10.33 30	10.67 31	13.74 31	7.84 29	6.12 31	3.58 30	2.60 30	86.27
1953	4.21 31	3.44 28	5.40 31	7.46 30	8.20 31	12.43 30	11.58 31	9.83 31	7.12 30	5.28 31	3.00 30	2.88 31	80.83
1954	2.64 31	4.41 28	5.94 31	7.23 29	8.11 31	11.58 30	12.94 31	12.73 31	9.54 30	6.33 31	4.12 30	3.91 31	89.73
1955	3.07 31	2.95 28	5.41 31	7.79 29	8.89 29	9.87 28	10.28 31	9.17 31	7.91 30	6.39 31	4.23 30	2.79 31	80.31
1956	2.82 31	3.90 29	7.03 31	6.20 25	8.94 24	12.12 30	13.59 31	13.12 31	9.86 30	6.94 31	4.36 30	3.14 31	-
1957	2.38 31	2.77 25	5.50 31	3.72 17	4.94 30	7.75 27	12.06 31	10.02 27	7.10 29	4.38 26	2.41 27	3.05 31	-
1958	2.45 31	2.43 28	3.96 31										-
DAILY AVG.	.09	.12	.19	.24	.27	.36	.38	.38	.27	.20	.14	.10	

Notes: Good exposure.

National Weather Service 4-ft diameter pan reestablished January 1967.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1967	3.23 31	3.63 28	6.94 31	7.77 29	8.98 29	11.88 30	12.63 31	11.17 31	6.18 30	6.05 28	3.08 28	2.35 29	85.79
1968	1.51 25	2.52 29	3.91 30	4.73 28	6.45 28	5.10 24	7.58 27	9.81 31	6.64 29	5.81 31	3.32 25	3.03 30	65.32
1969	2.93 31	2.94 28	4.22 28	5.69 25	6.00 25	10.28 30	13.68 31	10.81 31	7.12 30	5.61 28	3.10 30	2.66 29	78.85
1970	1.73 28	2.84 25	4.22 29	6.33 30	7.86 28	9.70 30	11.37 31	11.92 31	6.54 25	4.09 25	4.79 30	2.94 21	-
DAILY AVG.	.08	.11	.16	.22	.27	.32	.38	.35	.23	.19	.13	.10	

Notes: Good exposure. This pan reestablished in accordance with the State's station standardization program.

Buchanan Dam

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1943								11.13 31	6.21 30	4.60 31	3.28 30	1.85 31	-
1944	1.10 24	1.96 29	3.89 31	6.88 30	5.84 30	8.51 30	9.74 31	9.71 27	6.64 30	4.85 31	2.58 24	2.15 31	-
1945	2.00 31	2.51 28	4.20 31	4.76 29	8.69 31	8.46 30	8.46 31	8.79 31	7.71 28	-	3.41 30	2.63 31	-
1946	2.04 31	2.84 28	5.13 31	5.89 30	6.02 31	8.09 30	10.46 31	10.22 31	5.48 30	4.25 31	3.06 30	2.00 24	-
1947	1.11 23	2.89 28	4.16 31	4.95 30	6.57 31	9.33 30	10.12 31	8.45 31	-	5.38 29	3.12 30	1.63 31	-
1948	1.71 31	1.28 24	3.52 23	7.04 29	7.15 30	10.00 30	8.31 28	8.92 29	6.59 30	5.17 31	3.98 30	2.41 30	-
1949	1.56 28	1.50 23	4.02 31	4.27 30	5.24 31	8.22 30	9.46 31	8.56 31	6.75 30	4.42 31	3.63 30	2.56 31	60.69
1950	2.29 31	2.31 28	5.43 31	4.74 30	6.00 31	7.84 30	9.94 31	9.70 31	6.24 30	5.53 31	4.56 30	2.87 31	67.45
1951	1.79 15	-	-	-	-	3.30 9	11.45 30	11.72 31	7.29 27	5.81 31	3.58 29	3.04 29	-
1952	2.95 31	4.06 29	4.93 31	5.81 29	6.89 30	8.62 29	9.10 31	11.54 31	6.89 29	5.84 31	3.34 30	2.16 30	73.15
1953	2.92 31	2.84 28	3.99 31	5.92 30	6.55 31	10.72 30	9.85 31	8.54 31	6.09 30	4.67 31	2.78 30	2.64 31	67.51
1954	2.18 31	3.53 28	4.67 31	5.54 29	6.95 31	9.75 30	9.85 31	7.42 22	7.88 30	5.60 31	3.48 30	3.18 31	-
1955	2.52 31	2.40 28	4.38 31	6.10 29	7.05 29	8.05 28	9.98 31	8.60 31	6.81 30	5.83 31	3.95 30	2.40 31	69.33
1956	2.46 31	2.99 29	5.61 31	5.95 30	8.68 31	10.21 30	11.37 31	11.00 31	8.41 30	5.68 31	4.04 30	2.60 31	79.00
1957	1.94 31	2.18 25	4.63 31	2.19 12	4.82 30	6.24 27	10.21 31	8.84 27	5.99 29	4.14 26	2.18 27	2.47 31	-
1958	2.27 31	2.15 28	3.75 31	4.96 30	5.74 31	6.78 29	9.93 30	7.06 25	4.88 28	3.51 31	3.01 30	2.12 27	59.07
1959	2.35 31	1.93 28	4.98 27	4.93 28	5.21 26	7.04 25	7.05 29	7.51 30	6.84 29	4.38 31	3.22 30	2.47 31	62.37
1960	1.96 31	3.16 29	3.22 31	5.84 30	7.50 31	9.43 30	8.33 30	7.82 30	7.44 30	5.18 31	2.77 29	1.94 31	65.21
1961	1.89 31	2.76 28	4.49 31	6.39 30	7.51 31								-
DAILY AVG.	.07	.09	.15	.19	.22	.29	.32	.31	.23	.16	.11	.08	

Notes: Good exposure.

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1943								10.07 31	6.22 30	4.14 31	3.53 30	2.55 31	-
1944	1.22 24	2.05 29	3.86 31	6.35 30	5.21 30	7.17 30	8.80 31	8.96 27	6.35 30	4.63 31	2.71 30	2.59 31	-
1945	2.11 31	2.59 28	3.79 31	4.68 29	7.57 31	7.75 30	7.50 31	8.25 31	6.72 28	-	3.60 30	2.80 31	-
1946	2.66 31	2.70 28	4.68 31	5.49 30	5.47 31	7.14 30	9.75 31	10.10 31	4.96 30	3.88 31	3.43 30	2.42 24	-
1947	1.36 23	2.90 28	4.00 31	5.13 30	6.12 31	8.93 30	9.58 31	8.17 31	-	5.37 29	3.88 30	1.92 31	-
1948	2.12 31	1.24 29	4.41 31	6.78 29	6.56 30	10.09 30	7.85 28	8.64 29	6.32 30	4.96 31	4.43 30	2.72 30	68.09
1949	1.91 28	1.55 23	3.78 31	4.05 30	5.60 31	7.81 30	8.74 31	8.09 31	6.52 30	4.27 31	3.62 30	3.15 31	59.63
1950	2.35 31	2.18 28	5.15 31	4.28 30	5.11 31	7.46 30	9.91 31	10.20 31	6.05 30	5.55 31	4.86 30	3.23 31	66.33
1951	3.90 29	2.04 23	5.62 31	5.96 30	1.70 8	3.09 9	10.41 31	11.21 31	7.29 27	6.36 31	4.12 29	3.60 29	-
1952	3.29 31	4.19 29	5.26 31	4.92 29	6.04 30	7.00 30	7.27 31	10.70 31	6.63 29	5.62 31	3.64 30	2.27 30	67.50
1953	2.88 31	2.86 28	3.71 31	5.22 30	6.19 31	9.55 30	9.28 31	8.11 31	5.81 30	4.90 31	3.29 30	3.14 31	64.94
1954	2.39 31	3.76 28	4.41 31	4.66 29	6.15 31	8.98 30	10.76 31	10.75 31	7.74 30	6.10 31	3.99 30	3.65 31	73.50
1955	2.83 31	2.67 28	5.06 31	5.19 29	6.53 29	6.97 28	10.33 31	7.03 31	6.11 30	5.87 31	4.56 30	2.77 31	67.03
1956	2.75 31	3.15 29	4.48 26	-	7.41 31	8.51 30	10.42 31	9.66 31	7.85 30	5.77 31	5.01 30	2.89 31	-
1957	1.89 31	2.29 25	3.94 31	2.42 16	3.26 30	4.65 27	8.85 31	7.28 27	5.51 29	4.04 26	2.42 27	2.41 31	-
1958	2.27 31	2.20 28	3.47 31	4.05 30	4.51 31	5.75 29	9.20 30	6.90 25	5.83 28	3.69 31	3.17 29	2.45 27	56.53
1959	2.53 31	2.41 28	4.85 27	5.20 29	4.37 26	6.71 25	7.59 30	6.81 30	7.17 29	4.67 31	4.00 30	3.00 31	63.10
1960	2.65 31	3.52 28	3.19 30	5.11 29	6.52 31	8.72 30	7.70 31	7.44 31	7.41 30	4.96 31	3.14 30	2.47 31	63.23
1961	2.19 31	2.72 28	4.02 31	6.19 30	7.17 31	7.28 30	5.71 28	9.96 31	6.78 30	2.51 16	3.52 30	2.36 31	-
1962	2.16 31	3.25 27	4.81 30	4.98 30	7.97 31	6.60 30	10.14 31	11.00 31	7.17 30	5.44 31	3.63 30	2.63 31	70.06
1963	2.90 31	2.86 28	4.20 31	5.77 30	6.09 31	7.88 30	10.42 31	10.19 31	7.27 30	6.28 31	3.88 30	2.56 31	70.30
1964	2.57 29	3.09 29	3.67 31	4.14 30	5.77 31	7.45 30	9.88 31	9.60 31	7.34 30	4.87 26	3.62 30	2.43 27	65.90
1965	2.98 31	2.55 26	2.94 30	3.33 27	2.39 21	5.72 26	7.91 31	8.13 31	7.55 30	3.69 26	3.83 27	1.58 27	-
1966	1.95 31	2.09 24	3.10 31	3.44 26	5.36 29	7.56 30	9.06 29	7.66 28	4.10 26	5.00 31	3.99 30	3.31 31	59.93
1967	2.66 30	3.14 28	4.82 31	4.94 27	6.49 29	8.73 30	10.15 31	9.03 31	4.99 28	5.21 28	2.51 26	2.50 29	67.71
1968	1.12 23	2.08 29	2.87 29	3.71 28	4.08 27	4.15 22	7.51 27	8.16 29	4.98 26	4.54 30	3.31 24	2.89 28	-
1969	2.44 31	2.32 27	2.32 27	3.60 30	4.38 24	7.84 28	10.23 31	8.31 31	5.33 30	4.26 28	2.72 25	2.28 30	-
1970	1.59 23	2.28 23	3.19 28	4.55 27	5.39 28	6.84 29	8.67 31	9.44 31	5.58 26	4.16 29	3.64 25	2.57 23	-
DAILY AVG.	.08	.10	.13	.17	.19	.26	.30	.30	.22	.16	.13	.09	

Notes: Good exposure.

Canyon Dam

Operated by: National Weather Service and Corps of Engineers.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Comal County, 11.6 miles north-northwest of New Braunfels, lat. 29°52', long. 98°12'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1961							9.05 31	9.25 31	-	5.06 31	3.20 30	2.48 31	-
1962	2.16 31	4.69 28	5.31 31	6.08 30	10.25 31	8.13 30	12.25 31	12.91 31	6.91 30	6.18 31	4.34 30	2.35 31	81.56
1963	2.63 31	4.20 28	6.23 31	8.08 30	8.53 31	10.28 30	12.07 31	11.76 31	8.87 30	7.67 31	4.08 30	2.45 31	86.85
1964	3.67 31	4.09 29	5.91 31	6.54 30	7.96 31	10.80 30	12.26 31	11.60 31	8.05 30	6.99 31	4.23 30	2.95 31	85.05
1965	3.99 31	3.15 28	4.66 31	5.97 30	6.14 31	9.66 30	12.60 31	11.25 31	10.08 30	5.48 31	3.42 30	2.46 31	78.86
1966	2.38 31	2.90 28	5.17 31	6.85 30	6.77 31	9.34 30	11.55 31	9.08 31	7.29 30	6.43 31	5.67 30	3.35 31	76.78
1967	3.51 31	4.28 28	7.31 31	7.48 30	9.67 31	11.65 30	12.54 31	11.13 31	6.58 30	6.48 31	3.82 30	2.97 31	87.42
1968	2.19 31	3.19 29	5.21 31	5.19 30	6.92 31	8.00 30	10.02 31	11.35 31	6.70 30	6.22 31	6.00 30	3.18 31	74.17
1969	2.85 31	3.81 28	5.74 31	6.40 30	7.15 31	10.22 30	12.42 31	10.96 31	7.11 30	5.77 31	3.84 30	3.32 31	79.59
1970	2.72 31	3.62 28	4.72 31	5.91 30	7.34 31	8.80 30	10.63 31	10.45 31	7.57 30	5.47 31	5.56 30	4.09 31	76.88
DAILY AVG.	.09	.13	.18	.22	.25	.32	.37	.35	.26	.20	.15	.10	

Notes: Good exposure.

Childress

Operated by: City of Childress and Texas Water Development Board.

Equipment type: Young screened 2-ft diameter pan.

Location: Childress County, 4.5 miles west of Childress, lat. 34°26′, long. 100°17′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1963								3.57 11	5.64 23	6.20 26	5.49 28	1.34 10	-
1964	3.24 31	3.70 29	6.09 28	7.69 25	9.71 26	9.80 29	11.08 26	12.74 31	6.66 22	5.65 25	3.79 28	2.68 30	-
1965	2.68 25	-	4.22 26	7.60 30	7.01 29	9.31 29	9.18 23	8.56 26	9.02 29	5.03 28	3.77 29	2.95 30	-
1966	1.95 31	1.63 28	5.94 29	5.68 24	8.10 28	9.74 25	11.02 25	9.18 26	6.02 27	6.80 31	5.12 30	3.27 31	84.16
1967	3.85 31	4.67 28	7.57 30	7.26 24	7.86 26	10.27 29	9.05 26	11.29 25	7.72 28	8.69 31	4.25 28	3.33 26	95.68
1968	2.70 31	1.95 29	2.82 31	4.02 25	5.59 31	9.76 28	7.83 26	7.90 23	5.01 21	7.38 31	4.32 30	1.53 31	-
1969	2.59 28	2.13 27	3.00 30	4.75 25	1.62 9	-	7.30 18	6.01 16	4.16 20	3.41 20	3.08 27	1.83 31	-
1970	.80 31	2.53 28	3.05 30	3.22 29	5.60 18	7.44 18	3.80 14	1.82 7	4.86 24	6.01 26	2.51 25	1.38 31	-
DAILY AVG.	.09	.10	.16	.22	.27	.36	.38	.37	.25	.23	.14	.08	

Notes: Good exposure. Inattention by observers has resulted in numerous lost days of record.

Chillicothe

Operated by: Texas Agricultural Experiment Station; U.S. Department of Agriculture, Bureau of Plant Industry (participating prior to 1960); and Texas Water Development Board.

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

Location: Hardeman County, 4.3 miles south-southwest of Chillicothe, lat. 34°12′, long. 99°31′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1912				6.63 30	9.11 31	8.79 30	10.69 31	9.29 31	7.02 30	-	-	-	-
1913	-	-	-	7.82 30	9.76 31	8.13 30	11.55 31	11.61 31	6.40 30	-	-	-	-
1914	-	-	-	5.86 30	4.84 31	8.35 30	9.31 31	7.08 31	5.77 30	-	-	-	-
1915	-	-	-	4.31 30	7.35 31	7.31 30	8.53 31	6.93 31	5.25 30	-	-	-	-
1916	-	-	-	5.73 30	8.73 31	10.31 30	10.72 31	10.67 31	7.07 30	-	-	-	-
1917	-	-	-	8.54	7.64	10.66 30	11.76 31	9.44 31	6.96 30	7.62 31	-	-	-
1918	-	-	-	5.00 19	11.06 31	8.46 23	11.82 31	12.98 31	7.50 30	3.25 22	-	-	-
1919	-	-	3.92 31	3.05 17	6.36 30	6.53 30	8.38 31	9.52 31	4.58 16	3.36 29	2.45 30	-	-
1920	-	-	6.10 27	8.67 30	6.46 23	8.25 30	9.51 31	4.78 24	6.64 30	4.12 24	-	-	-
1921	-	-	3.66 22	7.77 30	8.21 31	3.55 14	9.20 31	10.14 31	8.50 30	7.18 31	4.69 30	-	-
1922	-	-	4.85 26	5.89 30	7.03 31	8.44 30	10.16 30	10.49 31	8.09 30	5.54 31	3.09 30	3.35 31	-
1923	3.63 31	2.11 25	5.80 31	4.15 20	7.68 23	8.79 30	9.74 31	6.56 16	4.14 23	3.18 31	2.06 29	2.04 31	-
1924	2.59 31	3.27 29	3.74 31	6.42 30	8.02 31	10.65 30	8.65 31	8.40 31	6.66 30	4.90 31	3.41 30	2.16 31	68.87
1925	1.38 31	4.53 28	7.94 31	8.13 30	8.18 31	10.34 30	9.37 31	6.09 31	4.38 30	3.18 31	1.94 30	2.29 31	67.75
1926	1.92 31	4.46 28	3.94 31	4.97 30	7.13 31	8.25 30	6.77 31	6.16 31	4.56 30	3.27 31	2.88 30	1.87 31	56.18
1927	1.69 31	2.56 28	4.92 31	6.66 30	8.88 31	7.63 30	7.62 31	7.00 31	5.08 30	3.68 31	2.84 30	1.78 31	60.34
1928	2.54 31	2.44 29	5.57 31	7.21 30	8.02 31	8.21 30	7.54 31	6.54 31	5.93 30	4.46 31	2.09 30	1.59 31	62.14
1929	1.55 31	1.21 28	5.07 31	7.43 30	5.34 31	7.97 30	8.07 31	8.83 31	5.28 30	3.30 31	1.87 30	2.39 31	58.31
1930	.34 4	3.06 25	5.52 31	7.33 30	7.18 31	8.66 30	10.86 31	10.26 31	7.71 30	2.68 31	2.63 30	1.28 31	-
1931	1.56 31	2.08 28	3.31 31	4.34 30	6.33 31	9.30 30	8.25 31	7.40 31	8.77 30	4.57 31	2.25 30	1.50 31	59.66
1932	1.59 31	2.12 29	4.87 31	6.53 30	6.26 31	7.18 30	7.86 31	9.10 31	4.83 30	4.98 31	3.17 30	1.14 31	59.63
1933	2.43 31	2.10 28	4.83 31	7.25 30	6.82 31	9.87 30	9.21 31	7.50 31	5.18 30	4.08 31	1.77 30	1.61 31	62.65
1934	2.26 31	2.84 28	4.74 31	5.57 30	5.95 31	8.80 30	11.41 31	12.47 31	7.42 30	5.92 31	3.41 30	2.67 31	73.46
1935	2.72 31	3.42 28	6.72 31	8.37 30	6.35 31	9.37 30	11.67 31	11.81 31	5.12 30	4.80 31	2.24 30	1.89 31	74.48
1936	2.62 31	2.99 29	7.96 31	7.84 30	8.08 31	12.14 30	12.00 31	13.20 31	5.81 30	4.23 31	3.84 30	2.16 31	82.87
1937	1.87 31	3.98 28	4.59 31	7.45 30	9.55 31	9.22 30	11.44 31	9.52 31	7.06 30	4.91 31	3.64 30	1.70 31	74.93
1938	3.34 31	2.44 28	6.54 31	5.47 30	8.66 31	9.06 30	9.28 31	11.79 31	18.15 30	6.89 31	4.52 30	3.74 31	89.88
1939	3.07 31	3.55 28	5.80 31	7.37 30	8.27 31	10.19 30	12.27 31	8.95 31	11.09 30	6.80 31	3.59 30	3.36 31	84.31
1940	2.14 31	3.05 29	7.65 31	6.74 30	9.15 31	9.23 30	13.16 31	9.74 31	7.69 30	5.93 31	2.36 30	1.76 31	78.60
1941	1.99 31	2.09 28	3.57 31	5.24 30	6.62 31	7.52 30	9.01 31	8.51 31	6.56 30	2.90 31	2.51 30	1.86 31	58.38
1942	2.48 31	3.74 28	5.90 31	5.12 30	8.67 31	9.51 30	10.67 31	9.09 31	7.30 30	4.18 31	3.43 30	1.34 31	71.43
1943	2.63 31	4.45 28	4.67 31	6.86 30	5.33 31	9.15 30	9.91 31	13.12 31	8.15 30	5.63 31	3.75 30	1.24 31	74.89
1944	.83 31	2.10 29	4.19 31	7.33 30	7.26 31	8.84 30	8.46 31	8.59 31	5.66 30	3.92 31	2.92 30	1.54 31	61.64
1945	1.90 31	1.99 28	4.00 31	4.94 30	8.54 31	9.40 30	7.92 31	8.55 31	6.88 30	3.08 31	3.00 30	2.21 31	62.41
1946	2.02 31	3.09 28	5.72 31	7.78 30	7.99 31	7.73 30	10.96 31	10.67 31	5.10 30	4.48 31	2.92 30	2.46 31	70.92

(Chillicothe — Bureau of Plant Industry 6-ft diameter pan—Continued)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1947	1.80 31	3.59 28	3.82 31	4.46 30	6.14 31	10.40 30	10.88 31	10.72 31	9.19 30	5.52 31	2.78 30	1.96 31	71.26
1948	1.82 31	1.51 29	3.95 31	8.14 30	7.58 31	8.46 30	8.42 31	8.32 31	7.36 30	4.49 31	4.12 30	3.43 31	67.60
1949	.87 31	1.29 28	4.01 31	4.51 30	6.94 31	8.43 30	9.79 31	8.35 31	5.55 30	4.30 31	3.56 30	2.27 31	59.87
1950	2.43 31	3.59 28	6.19 31	7.02 30	5.89 31	8.68 30	6.62 31	7.31 31	4.45 30	5.61 31	4.66 30	2.29 31	64.74
1951	2.97 31	2.15 28	6.08 31	7.05 30	7.59 31	9.01 30	10.34 31	9.83 31	7.32 30	4.99 31	2.30 30	3.68 31	73.31
1952	3.26 31	3.28 29	4.99 31	6.12 30	7.75 31	12.30 30	10.61 31	12.25 31	8.01 30	7.23 31	3.60 30	2.02 31	81.42
1953	3.74 31	4.37 28	4.89 31	6.58 30	8.68 31	12.13 30	9.49 30	8.72 31	9.16 30	2.95 31	1.88 30	2.20 31	75.10
1954	2.05 31	3.75 28	4.89 31	5.81 30	5.50 31	10.02 30	12.48 31	12.13 31	8.62 30	5.62 31	3.59 30	2.36 31	76.82
1955	2.09 31	2.75 28	5.38 31	7.16 30	7.79 30	7.36 30	9.81 31	8.58 31	6.97 30	4.81 31	3.74 30	2.64 31	69.34
1956	2.11 31	2.54 29	6.09 31	7.07 30	8.26 31	10.70 30	10.34 31	10.63 31	9.26 30	4.50 31	2.37 30	1.68 30	75.61
1957	1.36 31	1.69 28	3.46 31	4.19 30	4.42 31	7.13 30	10.45 31	9.70 31	6.25 30	3.26 31	2.47 30	2.42 31	56.80
1958	1.54 31	1.89 28	2.24 31	4.42 30	5.86 31	9.12 30	8.15 31	8.29 31	4.93 30	2.96 31	3.34 30	2.12 31	54.86
1959	1.87 31	3.03 28	5.89 31	6.13 30	6.75 31	7.15 30							-
DAILY AVG.	.07	.10	.17	.01	.02	.30	.32	.30	.23	.15	.10	.07	

Notes: Station moved July 1, 1959 to provide better exposure due to encroaching orchard growth, at which time the 6-ft pan was discontinued and a 2-ft pan was installed.

Chillicothe

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1959							6.17 31	7.32 31	5.06 30	3.16 31	2.68 30	1.61 31	-
1960	1.52 29	2.60 29	2.73 31	7.50 30	7.27 31	9.94 30	8.83 31	9.62 31	7.43 30	4.20 31	4.34 30	2.21 31	68.29
1961	1.93 30	1.94 27	4.96 31	6.62 29	9.37 31	7.58 30	9.68 31	9.32 31	7.24 30	6.30 31	3.01 30	2.14 31	70.45
1962	1.36 31	4.02 28	5.81 31	6.20 30	13.55 30	10.71 28	11.82 31	14.70 31	6.68 30	6.31 31	3.63 30	2.43 31	88.43
1963	1.61 20	3.03 28	6.02 31	8.43 30	9.71 31	10.68 29	16.37 31	14.27 31	8.94 30	9.74 31	5.81 30	2.23 31	-
1964	3.63 31	3.55 29	6.88 31	8.90 30	9.63 31	11.07 30	15.34 31	12.71 31	8.61 30	5.73 31	3.44 30	2.44 31	91.93
1965	2.64 31	3.12 28	3.87 31	6.14 30	6.92 31	7.69 30	9.97 31	9.94 31	8.62 30	3.81 30	2.94 30	1.50 27	67.51
1966	1.39 30	1.78 28	4.44 31	5.70 30	7.15 31	9.97 30	10.99 31	9.01 31	5.61 30	5.81 31	4.35 30	3.01 31	69.26
1967	4.14 31	4.45 28	6.60 31	6.25 29	8.28 31	8.68 30	8.98 31	11.71 31	6.73 30	7.97 31	3.52 30	2.69 30	80.30
1968	1.13 29	2.36 29	3.53 31	5.31 30	5.32 31	9.32 30	8.88 31	9.33 29	8.53 30	7.06 31	3.76 30	2.43 31	67.67
1969	2.41 31	2.63 27	2.93 30	5.45 30	5.83 29	9.19 30	12.83 31	11.23 31	6.14 30	4.13 31	3.24 30	2.07 29	68.82
1970	1.43 31	2.76 28	2.65 30	4.51 30	7.69 31	10.72 30	12.70 31	10.98 31	7.37 30	6.38 31	5.04 30	3.89 31	76.21
DAILY AVG.	.07	.10	.15	.22	.27	.32	.36	.35	.24	.19	.13	.08	

Notes: Good exposure.

Chillicothe

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1969	1.92 31	3.72 28	4.08 30	8.60 30	8.92 29	13.88 30	17.60 31	13.64 31	8.31 30	5.35 30	4.40 30	2.69 31	94.03
1970	2.03 30	4.03 28	3.86 30	7.19 29	11.53 31	14.79 30	10.15 20	12.54 27	10.49 30	7.45 30	4.53 22	5.48 31	-
DAILY AVG.	.06	.14	.13	.27	.34	.48	.54	.45	.31	.21	.17	.13	

Notes: Good exposure.

College Station

Operated by: Texas Agricultural Experiment Station and Texas Water Development Board.

Equipment type: Bureau of Plant Industry 8-ft diameter pan.

Location: Brazos County, 1.3 miles west of College Station, lat. 30°37′, long. 96°22′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1915									4.64 30	4.40 31	3.00 30	2.02 29	-
1916	1.46 17	2.83 26	6.69 30	6.31 29	5.93 27	7.00 29	6.56 29	6.93 31	6.79 30	5.11 31	3.08 30	1.69 23	-
1917	1.97 31	1.95 28	4.02 30	4.71 30	5.41 31	9.49 30	9.28 31	9.09 31	5.99 30	5.92 31	3.41 30	2.62 31	63.99
1918	2.57 28	1.99 28	5.05 31	4.80 30	6.72 31	8.35 30	9.64 31	7.59 31	5.55 30	3.50 31	2.44 28	1.99 31	60.63
1919	1.52 31	1.94 25	2.93 31	4.72 30	4.88 31	4.64 30	6.32 31	6.08 31	4.53 30	3.00 31	2.58 30	2.15 31	45.52
1920	2.50 29	2.19 29	4.22 31	5.79 30	5.78 31	5.84 30	6.96 30	5.04 30	5.93 30	3.96 31	3.08 28	1.88 30	54.02
1921	2.56 31	2.65 28	3.52 31	4.75 26	6.09 31	8.73 30	9.45 31	7.89 31	5.92 30	5.46 31	3.44 30	3.22 31	64.41
1922	2.40 29	2.08 24	4.92 31	3.56 29	5.29 30	5.88 30	7.96 31	7.55 31	5.69 30	5.24 31	3.01 30	2.47 31	56.85
1923	2.48 31	2.38 28	3.78 30	3.60 30	7.56 31	6.93 30	7.33 31	7.99 31	4.48 30	4.06 31	2.43 30	2.10 31	55.24
1924	2.41 31	2.69 29	3.22 31	4.08 30	5.44 31	6.26 30	8.32 31	8.97 31	6.62 30	4.84 31	3.83 30	2.79 31	59.47
1925	1.72 31	3.56 28	5.03 31	6.85 30	8.11 31	9.25 30	9.85 31	8.14 31	5.46 30	3.79 29	2.83 30	2.07 31	66.92
1926	2.18 31	3.17 28	3.33 28	4.03 29	5.83 31	6.37 30	6.56 31	7.09 31	5.67 30	4.16 31	2.74 30	1.94 31	53.57
1927	2.18 31	2.24 28	3.28 31	5.40 30	6.66 31	5.88 30	6.66 31	3.86 15	5.40 30	3.90 31	3.01 30	2.94 31	-
1928	2.25 31	2.21 29	3.93 31	4.41 30	5.73 31	8.34 30	9.44 31	6.71 31	4.78 30	4.30 31	2.67 30	2.59 31	57.36
1929	3.11 31	2.24 28	4.15 31	4.73 30	5.43 28	7.01 30	6.10 31	7.32 31	5.92 30	4.89 31	3.48 29	1.74 27	57.08
1930	1.27 21	2.34 27	3.65 31	4.82 30	4.13 29	7.24 30	7.93 31	8.08 31	5.55 30	4.37 31	2.77 29	2.03 30	-
1931	1.67 31	2.71 28	4.40 31	3.84 30	6.19 31	6.73 30	6.18 31	7.10 31	6.63 30	5.23 31	2.76 30	1.77 30	55.27
1932	2.11 28	2.55 27	4.00 31	4.74 30	5.28 31	5.59 30	7.62 31	6.79 31	4.30 30	4.13 31	3.20 30	1.81 31	52.54
1933	1.83 31	1.94 28	3.84 31	5.07 30	5.88 30	7.72 30	7.19 31	6.11 31	5.36 30	4.54 31	3.09 30	2.42 31	55.18
1934	1.86 29	2.51 28	3.11 29	4.21 30	6.33 31	8.91 30	9.25 31	7.97 31	4.97 30	4.98 31	3.43 30	1.79 30	59.72
1935	1.80 30	2.52 28	4.04 31	3.78 30	3.94 31	5.35 30	6.93 31	7.25 31	4.34 30	3.64 31	2.40 30	2.06 30	48.18
1936	1.91 31	1.80 29	4.09 31	4.91 30	4.56 30	7.04 30	5.95 31	6.41 31	7.92 30	7.36 31	5.99 30	5.91 31	64.00
1937	4.01 31	6.05 28	5.61 31	7.51 30	5.64 26	5.77 30	7.41 31	6.84 31	5.54 30	4.55 31	2.61 29	1.47 31	64.18
1938	2.30 29	1.76 28	3.14 30	3.57 29	5.45 31	5.95 29	6.82 30	6.39 31	5.74 30	4.85 31	3.16 29	2.11 31	52.16
1939	1.90 28	2.18 26	3.41 31	5.40 30	5.76 30	5.93 30	7.95 31	7.22 31	6.92 30	5.39 31	2.49 30	2.30 29	57.57
1940	1.74 31	2.30 28	4.21 31	4.25 30	5.24 30	5.76 29	6.79 31	7.26 31	6.45 30	4.24 31	2.97 27	3.11 30	55.20
1941	2.37 31	2.30 28	3.06 29	3.25 30	4.65 31	4.78 30	5.65 29	7.22 31	4.32 30	3.02 29	2.46 30	2.54 31	46.42
1942	2.44 31	2.28 28	3.50 31	2.93 28	4.41 30	5.75 30	5.38 30	5.84 31	4.17 29	3.53 31	3.12 29	2.10 31	46.24
1943	1.90 31	2.85 28	3.12 31	4.86 30	5.86 30	6.08 30	7.41 31	6.85 31	4.83 30	4.06 31	2.78 30	1.83 30	52.68
1944	1.56 28	1.98 28	2.94 30	4.16 29	4.31 28	6.39 30	7.52 31	7.10 30	5.45 30	4.38 31	2.11 27	1.55 29	50.96
1945	1.76 31	2.04 28	2.66 31	3.92 30	5.81 31	6.09 30	6.63 31	6.13 31	4.72 30	3.16 31	2.97 30	2.01 31	47.90
1946	1.93 31	2.03 28	3.39 31	4.23 30	4.26 30	5.45 29	7.12 31	7.15 31	3.86 29	3.56 30	2.48 29	2.06 31	48.18
1947	1.26 31	2.64 28	2.78 31	3.68 30	5.78 30	6.04 30	6.74 31	6.03 30	5.55 30	4.30 31	2.90 30	1.68 31	49.77
1948	1.81 31	1.49 29	3.40 31	4.69 30	5.91 31	7.72 30	7.29 30	-	-	-	-	-	-
1949	-	-	3.45 31	3.50 29	6.16 31	6.24 30	6.35 31	6.72 31	5.68 30	3.55 29	4.22 30	2.90 31	-

(College Station — Bureau of Plant Industry 8-ft diameter pan—Continued)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950	2.25 31	2.06 28	4.31 31	3.66 28	5.37 31	5.87 29	6.84 31	7.64 31	5.12 30	4.47 31	3.85 30	2.86 31	54.76
1951	2.64 28	2.20 24	5.20 30	5.52 30	6.17 31	7.14 30	1.32 5						-
DAILY AVG.	.07	.09	.13	.15	.19	.22	.24	.23	.18	.14	.10	.08	

Notes: Good exposure.

College Station

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1960						5.47 26	4.75 30	3.80 24	4.65 28	4.88 29	2.93 26	2.74 30	-
1961	1.99 29	1.96 27	3.20 29	3.73 30	5.67 31	5.75 28	6.28 31	6.26 31	4.66 26	3.69 28	3.99 30	2.92 31	52.04
1962	2.83 31	3.10 28	3.81 30	4.50 30	7.30 31	6.73 29	7.61 31	9.12 31	5.61 29	5.51 31	3.93 29	3.03 29	63.97
1963	2.89 30	2.82 28	3.50 31	6.86 30	5.48 30	6.28 30	9.52 31	8.94 31	6.07 29	5.41 31	4.53 30	3.42 30	66.32
1964	2.84 28	2.69 29	3.30 30	3.63 27	2.90 25	2.64 25	3.78 25	5.82 26	3.72 25	2.84 26	2.52 27	2.08 29	44.54
1965	2.30 30	3.74 25	2.03 25	2.55 27	3.43 27	4.05 29	4.64 26	3.49 25	3.71 24	3.00 26	1.95 25	2.28 29	42.91
1966	3.17 31	3.36 28	3.84 28	3.80 26	4.33 29	5.75 30	5.48 26	6.37 29	5.81 29	4.37 29	4.01 30	3.40 30	57.06
1967	3.32 31	3.61 26	5.04 31	4.65 28	5.10 31	6.35 30	8.29 30	7.73 31	5.54 27	4.96 30	3.26 30	2.73 30	62.31
1968	2.86 27	3.04 27	3.02 31	4.71 29	4.88 28	5.06 30	4.51 30	6.65 31	4.83 30	5.14 31	3.44 28	2.91 29	52.96
1969	2.91 31	2.68 26	3.44 26	3.54 30	4.06 31	5.38 27	6.66 26	5.84 29	4.24 28	4.46 27	3.28 30	2.12 30	52.78
1970	1.73 30	2.25 26	3.43 30	2.73 25	4.73 31	5.05 28	6.94 31	7.95 30	5.11 30	4.00 28	3.34 27	2.99 30	52.66
DAILY AVG.	.09	.11	.12	.14	.16	.19	.22	.23	.18	.15	.12	.09	

Notes: Good exposure.

College Station

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1968												2.89 29	-
1969	-	.04 1	4.38 25	6.90 29	6.26 30	7.02 23	9.69 30	7.83 27	6.66 27	5.73 30	3.65 21	2.73 27	-
1970	1.22 29	3.77 26	3.76 25	4.77 25	6.97 28	8.86 29	10.60 31	10.32 31	6.67 26	5.50 27	4.32 28	3.01 30	75.28
DAILY AVG.	.04	.14	.16	.22	.23	.31	.33	.31	.25	.20	.16	.10	

Notes: Good exposure.

College Station—10 SW

Operated by: Texas Agricultural Experiment Station, Brazos River Field Laboratory; and Texas Water Development Board.

Equipment type: Young screened 2-ft diameter pan.

Location: Burleson County, 10 miles southwest of College Station, lat. 30°33′, long. 96°26′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1952		3.54 28	4.64 31	4.53 30	6.10 30	7.83 30	7.68 27	9.30 31	7.40 30	6.31 31	4.06 30	2.40 27	-
1953	3.03 31	2.36 28	3.17 30	3.07 29	5.00 27	6.14 29	6.61 30	7.08 31	5.16 29	4.99 30	3.63 28	3.10 29	55.52
1954	2.05 25	4.01 28	4.79 30	5.33 30	6.60 30	9.17 30	10.51 31	8.82 31	8.18 30	6.05 27	4.15 30	3.25 28	75.03
1955	2.32 26	2.17 24	4.49 31	5.04 29	7.17 30	8.00 27	8.35 31	7.36 31	6.01 30	7.13 31	4.51 30	2.94 28	67.91
1956	2.94 29	2.95 29	3.33 22	4.24 17	9.21 28	9.73 28	12.57 30	11.09 30	9.34 29	5.75 27	4.18 25	3.76 25	-
1957	3.09 22	2.83 19	5.74 28	3.62 21	4.73 20	5.08 22	8.60 27	8.15 29					-
DAILY AVG.	.10	.11	.15	.17	.24	.28	.31	.28	.24	.21	.14	.11	

Notes: Good exposure.

County Line

Operated by: International Boundary and Water Commission.

Equipment type: Evaporometer.

Location: Hudspeth County, 9 miles northwest of Fort Hancock, lat. 31°23', long. 105°59'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1941		4.80 28	6.15 31	11.39 30	13.18 31	17.47 30	11.06 31	6.37 31	5.87 30	4.97 31	2.88 30	3.19 31	-
1942	4.23 31	5.93 28	9.92 31	9.07 30	14.13 31	14.92 30	12.72 31	6.77 31	5.86 30	4.62 31	5.34 30	2.48 31	95.99
DAILY AVG.	.14	.19	.26	.34	.44	.54	.38	.21	.20	.15	.14	.09	

Notes: Calibrated against the 4-ft Weather Service pan.

Daingerfield

Operated by: Lone Star Steel Company and National Weather Service.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Morris County, 7.8 miles south of Daingerfield, lat. 32°55′, long. 94°43′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1959						7.96 30	7.78 31	8.67 31	7.10 30	5.55 31	3.39 30	2.96 31	-
1960	2.31 31	3.16 29	4.33 31	3.08 30	9.28 31	9.80 30	10.38 31	8.50 31	7.13 30	4.59 31	3.43 30	2.20 31	68.19
1961	2.54 31	2.93 28	6.10 31	7.80 30	9.23 31	6.34 30	8.50 31	8.10 31	8.23 30	-	2.75 30	2.74 31	-
1962	2.84 31	3.93 28	4.98 31	6.41 30	10.12 31	9.65 30	10.26 31	10.48 31	6.84 30	5.12 31	3.08 30	2.27 31	75.98
1963	1.85 31	3.31 28	6.64 31	6.90 30	7.97 31	9.41 30	8.31 31	11.55 31	7.37 30	7.01 31	4.81 30	2.65 31	77.78
1964	2.71 31	4.01 29	5.39 31	-	7.77 31	9.53 30	-	9.36 31	7.14 30	5.50 31	3.94 30	2.46 31	-
1965	3.03 31	3.31 28	4.13 31	7.61 30	7.25 31	8.72 30	11.43 31	9.94 31	7.85 30	5.27 31	3.09 30	2.52 31	74.15
1966	2.14 31	2.86 28	6.03 31	8.05 30	7.66 31	10.94 30	10.18 31	8.49 31	5.44 30	5.21 31	3.82 30	2.16 31	72.98
1967	2.71 31	3.36 28	6.75 31	5.75 30	8.73 31	-	9.01 31	10.77 31	15.92 30	6.41 31	3.41 30	2.71 31	-
1968	1.76 31	2.88 29	4.54 31	6.31 30	7.78 31	8.35 30	9.06 31	9.18 31	6.96 30	5.23 31	3.63 30	4.20 31	69.88
1969	3.14 31	3.51 28	4.87 31	6.61 30	7.19 31	10.07 30	12.07 31	11.89 31	7.53 30	6.60 31	2.93 30	3.10 31	79.51
1970	2.19 31	3.20 28	4.69 31	6.10 30	9.06 31	9.51 30	10.15 31	11.07 31	7.66 30	5.01 31	3.61 30	2.97 31	75.22
DAILY AVG.	.08	.12	.17	.22	.27	.30	.31	.32	.26	.18	.12	.09	

Notes: Good exposure.

Dalhart

Operated by: United States Department of Agriculture, Soil Conservation Service Experimental Nursery.

Equipment type: Bureau of Plant Industry 8-ft diameter pan.

Location: Hartley County, 4.5 miles southwest of Dalhart, lat. 36°01', long. 102°35'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1908				5.92 30	10.92 31	12.07 30	9.18 31	9.89 31	7.95 30	7.10 31	-	-	-
1909	-	-	-	8.53 30	9.90 31	10.89 30	11.69 31	10.57 31	7.84 30	-	-	-	-
1910	-	-	-	8.54 30	8.18 31	12.02 30	11.63 31	8.82 31	8.44 30	6.07 31	-	-	-
1911	-	-	-	7.56 30	9.90 31	12.37 30	9.71 31	10.90 31	8.77 30	-	-	-	-
1912	-	-	-	8.21 30	10.24 31	8.48 30	11.10 31	9.13 31	6.75 30	-	-	-	-
1913	-	-	-	7.69 30	10.06 31	8.71 30	12.70 31	10.77 31	6.34 30	-	-	-	-
1914	-	-	-	6.54 30	7.81 31	10.26 30	8.84 31	9.06 31	8.23 30	-	-	-	-
1915	-	-	-	5.78 30	8.08 31	8.74 30	9.26 31	7.92 31	6.85 30	-	-	-	-
1916	-	-	-	6.60 30	11.09 31	10.37 30	11.02 31	9.60 31	7.14 30				-
DAILY AVG.				.24	.31	.35	.34	.31	.25	.21			

Notes: Good exposure.

Dalhart

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1917				8.56 30	9.07 31	11.70 30	11.00 31	9.61 31	7.46 30	-	-	-	-
1918	-	-	-	6.37 30	10.64 31	9.16 30	11.23 31	10.85 31	6.32 30	-	-	-	-
1919	-	-	-	5.58 30	6.99 31	7.48 30	9.87 31	8.29 31	6.93 30	-	-	-	-
1920	-	-	-	7.00 30	8.05 31	8.74 30	7.88 31	7.62 31	6.95 30	-	-	-	-
1921	-	-	-	6.83 30	7.43 31	6.91 30	7.66 31	7.35 31	8.30 30	-	-	-	-
1922	-	-	-	6.40 30	7.96 31	9.09 30	9.58 31	9.91 31	6.81 30	-	-	-	-
1923	-	-	-	6.16 30	7.47 31	7.43 30	8.14 31	8.34 31	5.82 30	-	-	-	-
1924	-	-	-	7.31 30	7.47 31	9.41 30	9.09 31	9.08 31	6.39 30	-	-	-	-
1925	-	-	-	7.39 30	7.04 31	9.72 30	9.04 31	6.60 31	5.57 30	-	-	-	-
1926	-	-	-	4.62 30	6.31 31	6.96 30	8.50 31	9.27 31	6.95 30	-	-	-	-
1927	-	-	-	7.27 30	10.73 31	9.53 30	9.08 31	6.64 31	5.17 30	-	-	-	-
1928	-	-	-	6.61 30	7.24 31	7.55 30	7.55 31	7.21 31	7.43 30	-	-	-	-
1929	-	-	-	7.30 30	6.43 31	8.29 30	9.84 31	8.18 31	6.29 30	-	-	-	-
1930	-	-	-	7.52 30	9.27 31	9.97 30	11.16 31	9.36 31	8.07 30	-	-	-	-
1931	-	-	-	5.19 30	7.36 31	10.62 30	10.53 31	7.73 31	8.15 30	-	-	-	-
1932	-	-	-	7.32 30	8.34 31	7.93 30	10.41 31	9.86 31	6.75 30	-	-	-	-
1933	-	-	-	7.57 30	10.55 31	13.08 30	12.40 31	10.33 31	8.47 30	-	-	-	-
1934	-	-	-	7.93 30	9.68 31	11.56 30	13.40 31	10.88 31	7.68 30	-	-	-	-
1935	-	-	-	7.92 30	7.34 31	9.72 30	11.17 31	9.57 31	6.44 30	-	-	-	-
1936	-	-	-	8.19 30	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	7.43 30	9.09 31	10.89 30	11.00 31	9.75 31	8.88 30	-	-	-	-
1940	-	-	-	7.36 30	8.18 31	10.65 30	13.07 31	9.62 31	7.41 30	-	-	-	-
1941	-	-	-	5.93 30	7.05 31	7.36 30	7.66 31	7.02 31	6.12 30	-	-	-	-
1942	-	-	-	5.97 30	9.10 31	7.85 30	9.60 31	7.76 31	6.32 30	-	-	-	-
1943	-	-	-	6.62 30	7.52 31	9.42 30	10.18 31	9.68 31	7.09 30	-	-	-	-
1944	-	-	-	5.53 30	7.34 31	8.53 30	8.70 31	9.23 31	6.24 30	-	-	-	-
1945	-	-	-	5.77 30	8.68 31	9.70 30	8.01 31	8.24 31	7.62 30	-	-	-	-
1946	-	-	-	7.60 30	8.27 31	9.43 30	10.87 31	8.32 31	6.44 30	-	-	-	-
1947	-	-	-	5.60 30	6.75 31	8.31 30	8.86 31	8.41 31	8.72 30	-	-	-	-
1948	-	-	-	7.46 30	7.91 31	8.44 30	10.11 31	7.39 31	7.25 30	-	-	-	-
1949	-	-	-	5.06 30	5.85 31	7.24 30	8.55 31	7.66 31	7.33 30	-	-	-	-
1950	-	-	-	7.30 30	9.46 31	9.54 30	7.90 31	7.41 31	5.01 30				-
DAILY AVG.				.23	.26	.30	.31	.28	.23				

Notes: Good exposure.

Del Rio

Operated by: National Weather Service.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Val Verde County, 2.4 miles southeast of Del Rio, lat. 29°20', long. 100°53'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1946	2.76 31	6.02 28	9.00 31	9.94 30	7.53 31	9.76 30	12.55 31	14.07 31	8.52 30	5.45 31	4.39 30	3.56 31	93.55
1947	2.16 31	4.73 28	7.03 31	8.06 30	10.25 31	10.32 30	12.86 31	10.04 31	9.42 30	8.00 31	4.25 30	2.71 31	89.83
1948	3.54 31	2.70 29	7.73 31	10.88 30	11.88 31	12.89 30	11.10 31	12.56 31	8.27 30	5.58 31	4.60 30	3.45 31	95.18
1949	2.06 31	3.41 28	5.88 31	5.18 30	8.53 31	10.59 30	10.66 31	8.79 31	8.11 30	4.82 31	4.19 30	2.24 31	74.46
1950	2.68 31	2.96 28	7.38 31	7.24 30	8.96 31	9.62 30	12.03 31	12.29 31	8.39 30	6.99 31	5.46 30	3.65 31	87.65
1951	4.82 31	-	7.48 31	9.35 30	9.32 31	10.88 30	14.06 31	13.17 31	9.74 30	6.17 31	3.86 30	3.39 31	-
1952	3.85 31	5.36 29	6.54 31	8.07 30	9.98 31	14.34 30	15.67 31	17.12 31	12.21 30	9.93 31	4.64 30	3.82 31	111.53
1953	6.22 31	6.33 28	8.69 31	12.38 30	15.72 31	18.24 30	19.80 31	13.99 31	9.56 30	7.10 31	5.27 30	3.76 31	127.06
1954	3.67 31	7.47 28	9.32 31	8.61 30	12.03 31	12.26 30	14.82 31	14.19 31	12.67 30	7.50 31	6.04 30	5.22 31	113.80
1955	3.64 31	5.05 28	7.79 31	12.57 30	12.22 31	13.80 30	14.00 31	11.97 31	9.92 30	9.63 31	5.25 30	3.41 31	109.25
1956	3.30 31	5.31 29	9.92 31	11.25 30	15.00 31	18.06 30	19.12 31	17.19 31	13.01 30	9.96 31	6.43 30	4.70 31	133.25
1957	3.45 31	4.11 28	9.83 31	9.50 30	8.03 31	10.60 30	16.34 31	15.12 31					-
DAILY AVG.	.11	.17	.26	.31	.35	.42	.47	.43	.33	.24	.16	.12	

Notes: Good exposure.

Denison Dam

Operated by: National Weather Service and Corps of Engineers.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Grayson County, 4.5 miles north of Denison, lat. 33°49′, long. 96°34′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1948	2.26 31	2.21 29	4.92 31	9.99 30	8.76 31	10.96 30	10.11 31	9.73 31	8.60 30	6.15 31	4.77 30	3.37 31	81.83
1949	-	-	4.66 31	6.09 30	7.50 31	10.26 30	11.20 31	9.34 31	6.79 30	4.66 31	4.55 30	2.29 31	-
1950		5.05 28	6.80 31	7.77 30	8.67 31	9.69 30	7.30 31	8.73 31	-	6.61 31	5.17 30	2.96 31	-
1951	4.27 31	-	6.65 31	8.70 30	8.20 31	9.68 30	11.44 31	12.82 31	8.62 30	7.29 31	3.22 30	3.38 31	-
1952	3.42 31	4.04 29	5.97 31	6.14 30	10.38 31	12.36 30	11.50 31	12.12 31	7.42 30	6.85 31	4.71 30	2.07 31	86.98
1953	3.09 31	3.46 28	5.83 31	7.51 30	8.96 31	14.22 30	10.20 31	9.44 31	8.51 30	5.26 31	2.86 30	3.36 31	82.70
1954	-	6.54 28	7.77 31	8.68 30	6.77 31	11.72 30	15.66 31	15.44 31	10.80 30	-	3.17 30	3.37 31	-
1955	2.66 31	2.85 28	6.84 31	7.94 30	8.66 31	10.38 30	12.00 31	10.03 31	7.54 30	7.89 31	5.45 30	2.93 31	85.17
1956	-	4.20 29	7.07 31	8.93 30	10.82 31	13.25 30	16.10 31	17.03 31	12.27 30	6.85 31	4.38 30	3.39 31	-
1957	2.66 31	2.40 28	3.74 31	4.37 30	7.20 31	9.10 30	11.93 31	9.97 31	6.38 30	3.60 31	-	3.33 31	-
1958	-	3.05 28	3.48 31	5.46 30	7.43 31	10.57 30	11.33 31	10.32 31	6.15 30	4.82 31	4.21 30	2.09 31	-
1959	2.13 31	3.11 28	7.54 31	7.56 30	8.06 31	8.28 30	8.26 31	9.39 31	7.85 30	5.10 31	3.12 30	2.42 31	72.82
1960	-	-	3.89 31	8.54 30	8.48 31	10.08 30	9.16 31	8.31 31	7.61 30	4.23 31	2.82 30	1.85 31	-
1961	1.70 31	3.18 28	5.72 31	7.40 30	8.26 31	7.59 30	10.43 31	9.14 31	7.75 30	5.63 31	3.14 30	1.96 31	71.90
1962	2.22 31	3.90 28	6.25 31	5.63 30	9.98 31	8.12 30	9.72 31	9.80 31	5.09 30	5.45 31	2.80 30	1.88 31	70.84
1963	-	2.11 28	7.40 31	7.89 30	8.30 31	10.17 30	12.11 31	10.89 31	7.22 30	7.86 31	4.45 30	-	-
1964	2.52 31	3.37 29	5.88 31	7.98 30	7.48 31	10.31 30	13.32 31	11.41 31	6.14 30	5.44 31	3.28 30	2.85 31	79.98
1965	2.72 31	3.05 28	3.94 31	8.19 30	7.38 31	8.05 30	11.77 31	10.95 31	9.55 30	5.20 31	3.09 30	2.41 31	76.30
1966	-	2.55 28	6.84 31	7.73 30	7.36 31	11.19 30	11.39 31	8.20 31	5.59 30	5.81 31	5.01 30	2.00 31	-
1967	4.19 31	4.33 28	7.71 31	6.33 30	8.06 31	9.13 30	8.98 31	10.22 31	5.38 30	6.78 31	2.99 30	2.12 31	76.22
1968	1.21 31	2.29 29	4.85 31	6.06 30	6.66 31	8.13 30	8.76 31	10.04 31	6.65 30	5.42 31	3.44 30	2.91 31	66.42
1969	2.43 31	2.99 28	4.59 31	6.10 30	6.53 31	10.35 30	11.46 31	9.78 31	6.33 30	4.97 31	3.53 30	2.57 31	71.63
1970	1.89 31	3.51 28	3.83 31	5.62 30	8.13 31	9.55 30	10.18 31	10.27 31	6.86 30	4.41 31	4.09 30	3.23 31	71.57
DAILY AVG.	.08	.12	.19	.24	.26	.34	.36	.34	.25	.19	.13	.09	

Notes: Good exposure.

Operated by: Texas Agricultural Experiment Station and Texas Water Development Board.

Equipment type: Bureau of Plant Industry 6-ft diameter pan.

Location: Denton County, 3.8 miles west-northwest of Denton, lat. 33° 14', long. 97° 12'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1916				5.08 28	6.75 29	6.43 25	8.48 31	8.90 30	7.13 30	4.57 31	3.45 30	2.43 31	-
1917	1.78 23	2.90 28	4.90 30	6.19 30	5.78 30	8.43 30	8.04 31	7.22 30	5.29 30	6.14 31	3.38 30	2.11 31	-
1918	.89 31	3.67 28	5.37 31	5.85 30	6.71 30	7.77 30	9.84 31	11.15 31	6.55 30	4.14 31	2.57 30	2.13 31	66.86
1919	1.31 28	2.05 28	3.36 31	4.95 30	4.42 31	5.57 30	7.07 31	6.82 31	4.76 30	2.85 29	2.42 29	1.51 31	47.50
1920	1.02 31	2.44 29	4.54 26	6.40 30	4.29 29	6.67 30	6.98 31	4.81 31	5.40 30	3.95 30	2.43 30	1.88 31	52.10
1921	1.89 31	1.44 16	3.38 31	4.55 29	6.20 31	6.00 30	8.04 31	8.79 31	7.22 30	6.28 31	3.40 30	2.38 30	-
1922	1.76 31	2.35 27	4.50 31	4.33 29	4.93 30	5.94 30	8.83 31	8.41 31	7.22 30	4.92 31	2.65 30	2.30 31	58.54
1923	2.42 27	1.58 25	3.80 31	3.91 27	6.05 29	7.56 28	8.41 31	9.30 31	5.49 30	3.75 29	1.94 28	1.31 27	58.04
1924	1.28 31	2.44 28	3.08 23	5.50 30	6.63 31	9.30 30	9.05 31	9.67 31	6.22 30	4.96 31	3.72 30	1.57 18	-
1925	1.85 31	3.73 28	5.90 31	6.81 30	6.34 31	9.64 30	10.71 31	7.77 31	6.83 30	4.45 29	2.64 30	2.66 30	69.72
1926	1.14 26	3.36 26	2.86 26	3.59 28	5.33 31	7.11 30	5.95 31	7.20 31	5.69 30	4.38 31	3.69 30	2.88 30	54.56
1927	4.21 23	2.48 28	3.35 30	4.06 30	6.74 31	6.67 30	6.81 31	7.20 31	5.62 30	3.55 31	3.16 30	2.53 29	-
1928	1.69 31	2.60 29	4.61 31	5.02 29	5.79 31	6.07 30	6.79 31	7.63 31	6.54 30	4.96 31	2.64 30	1.96 29	56.60
1929	1.89 29	.80 23	3.85 31	4.97 29	4.82 30	8.47 30	8.10 31	8.91 31	5.47 30	4.37 31	2.53 29	1.95 29	56.98
1930	.93 31	2.35 27	4.60 31	5.32 30	4.71 31	7.59 30	9.65 31	7.73 31	6.52 30	3.76 30	2.71 30	1.90 30	58.04
1931	1.55 31	1.97 26	3.77 31	4.02 30	5.24 31	7.40 30	7.39 30	8.12 31	7.76 30	4.68 31	2.47 30	1.65 31	56.41
1932	2.38 31	1.64 18	4.83 31	5.66 30	5.61 31	6.48 30	7.08 31	7.64 31	4.92 30	4.79 31	3.47 30	1.46 19	-
1933	1.92 30	2.12 28	4.39 31	5.84 30	5.91 31	8.43 30	7.97 31	6.48 31	5.43 30	4.19 31	2.81 30	2.36 31	57.91
1934	1.72 31	2.16 27	3.79 30	4.68 30	6.21 31	10.16 30	11.37 31	10.91 31	6.60 30	5.20 31	3.50 30	1.81 31	68.32
1935	1.66 29	2.43 28	4.53 31	4.47 30	4.67 28	6.23 30	7.58 31	7.92 31	4.17 30	3.44 31	2.18 30	1.67 31	51.56
1936	1.58 29	1.96 26	5.36 31	6.21 30	5.45 31	8.88 30	8.94 31	10.14 31	6.79 30	3.61 30	2.13 30	1.43 31	62.94
1937	.77 25	2.86 28	3.22 31	5.17 30	7.03 31	7.30 30	9.41 31	8.83 31	6.71 30	4.51 31	2.48 30	1.10 31	59.57
1938	2.13 31	1.58 27	4.04 29	3.79 30	5.41 31	6.83 30	7.36 31	8.29 31	6.94 30	4.94 31	3.36 30	2.36 31	57.36
1939	2.15 31	2.24 28	3.24 24	5.06 28	6.80 31	7.09 30	9.50 31	7.83 31	8.16 30	5.37 31	2.34 30	1.95 31	-
1940	1.27 31	1.92 29	4.96 31	5.04 30	5.93 31	5.81 30	6.87 31	7.00 31	5.99 30	4.28 31	2.33 30	1.52 31	52.92
1941	1.67 31	1.92 28	3.09 31	3.15 30	5.17 31	5.47 29	7.03 31	6.04 31	5.23 22	3.17 30	2.10 30	1.57 31	-
1942	1.85 31	2.51 28	4.76 31	4.84 29	5.65 31	6.45 30	7.90 31	6.30 31	4.81 30	3.45 31	3.15 30	1.57 31	53.40
1943	1.91 31	3.05 28	3.77 30	5.29 30	4.95 30	6.76 30	8.17 31	8.91 31	5.15 30	3.91 31	2.52 30	1.46 28	56.29
1944	1.23 27	1.82 29	3.04 31	5.11 30	4.53 31	7.38 30	7.27 31	8.01 31	3.03 30	3.71 31	2.34 30	1.87 29	49.65
1945	1.65 30	1.97 28	3.22 31	3.82 30	6.53 31	6.62 30	5.60 31	6.56 31	6.02 30	3.15 31	2.77 30	1.74 31	49.70
1946	1.60 31	2.74 28	3.64 31	4.94 30	4.73 31	6.07 30	8.31 31	7.62 31	3.78 30	3.60 30	2.03 30	1.97 31	51.15
1947	1.68 23	2.36 28	3.11 31	3.62 30	4.89 31	6.25 30	7.49 31	7.62 31	6.25 30	3.91 31	2.25 30	1.37 31	-
1948	1.63 24	1.15 25	3.26 29	5.94 30	4.98 31	7.05 30	6.86 31	7.60 31	6.16 30	4.32 31	4.21 30	2.52 31	-
1949	1.46 24	1.70 25	3.83 31	3.76 30	4.37 31	5.71 30	5.70 31	5.63 31	4.39 30	3.25 31	2.49 30	1.78 31	-
1950	1.48 30	2.13 25	4.28 31	3.93 30	4.28 28	5.03 28	4.60 31	5.83 31	3.38 30	3.86 31	3.30 30	2.13 28	45.59

(Denton – Bureau of Plant Industry 6-ft diameter pan—Continued)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1951	2.60 28	1.62 20	4.59 31	5.70 30	5.59 31	5.35 28	7.39 31	8.00 31	5.93 30	4.48 31	2.99 30	2.16 31	-
1952	2.44 31	2.87 29	3.76 31	5.20 27	6.76 31	7.42 30	7.91 28	8.76 31	6.86 30	5.88 31	2.90 28	1.82 31	64.22
1953	2.04 30	2.15 28	3.34 30	4.62 27	6.34 28	8.45 30	7.10 31						-
DAILY AVG.	.06	.08	.13	.17	.18	.24	.25	.25	.20	.14	.09	.06	

Notes: Air movement slightly altered by one- and two-story buildings located within 100 and 150 feet of the station.

Denton

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1953								7.47 31	7.00 29	3.93 27	2.48 27	2.95 31	-
1954	1.61 28	3.86 28	5.06 30	4.74 30	4.54 31	6.72 30	9.53 31	9.21 31	8.08 30	4.79 29	3.33 30	2.89 31	65.03
1955	2.33 29	3.00 25	3.81 30	4.85 30	7.96 31	4.89 30	7.11 31	2.75 11	-	-	-	3.37 30	-
1956	3.59 28	2.85 25	5.04 31	5.72 29	5.70 30	8.08 30	10.06 31	9.91 31	9.39 30	5.59 31	3.80 29	2.87 30	74.04
1957	1.82 28	2.20 25	3.20 30	3.81 26	4.02 27	5.60 28	6.86 31	7.85 31	5.54 30	3.70 31	2.49 26	2.44 28	52.30
1958	2.08 29	1.89 26	2.20 28	2.65 28	4.72 31	7.23 29	7.17 30	7.09 31	4.76 30	3.61 31	3.23 30	2.03 28	50.08
1959	2.00 30	2.11 25	4.97 31	4.79 30	4.55 31	6.33 30	4.86 31	7.05 31	5.95 30	4.95 30	3.59 28	2.51 27	54.76
1960	2.17 26	2.39 23	2.69 27	4.21 28	5.41 31	6.27 30	6.61 30	5.69 31	5.43 30	3.63 31	3.40 30	2.02 30	51.95
1961	2.04 24	1.95 24	3.17 26	4.29 30	4.75 29	4.33 28	5.03 31	6.52 31	5.03 30	3.41 31	3.07 29	2.58 29	-
1962	1.43 25	2.52 24	3.66 28	3.24 28	6.01 31	4.54 28	5.57 30	5.78 31	3.37 26	3.66 31	2.82 25	3.45 27	49.52
1963	2.39 31	3.31 28	4.40 28	4.23 26	5.11 30	5.26 30	7.03 30	7.37 30	5.98 30	5.51 31	3.95 30	2.56 31	58.86
1964	2.45 31	2.85 28	3.92 31	3.86 28	3.88 30	5.59 30	8.28 31	7.33 30	4.34 25	4.06 31	2.76 27	2.28 30	53.60
1965	2.36 30	2.40 26	3.03 28	3.49 29	4.69 29	5.69 30	5.43 31	5.77 30	5.75 29	4.32 30	2.58 26	2.57 29	50.19
1966	1.76 31	1.75 24	3.75 31	3.59 24	3.89 29	6.49 30	4.65 30	4.63 31	3.51 30	4.02 31	3.34 29	2.37 28	45.71
1967	2.48 31	2.82 28	3.88 31	3.99 30	5.07 29	5.58 29	6.28 31	8.01 31	4.80 26	5.49 31	3.68 28	2.53 29	56.30
1968	1.42 26	2.65 29	3.14 28	3.25 25	4.09 30	5.39 30	5.57 28	7.20 31	5.58 30	4.59 31	3.73 29	2.65 31	51.38
1969	2.24 31	2.64 23	3.10 28	3.80 29	3.77 27	5.75 27	8.22 31	7.46 30	5.24 30	4.70 29	3.46 30	2.18 27	55.68
1970	1.80 28	2.32 26	3.11 29	3.36 27	4.95 30	5.81 30	7.71 30	7.35 30	5.03 27	3.87 30	3.75 29	3.26 29	54.96
DAILY AVG.	.07	.10	.13	.14	.16	.20	.22	.23	.19	.14	.12	.09	

Notes: Air movement slightly altered by one- and two-story buildings located within 100 and 150 feet of the station.

Denton

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1968									.79 4	5.39 28	3.72 26	3.49 28	-
1969	2.60 29	3.24 25	3.86 30	5.95 27	6.38 29	9.72 28	11.36 30	10.94 31	6.94 30	5.30 29	3.61 30	2.32 27	75.77
1970	2.02 31	3.06 23	3.82 28	5.05 27	7.86 31	9.13 29	11.00 30	9.79 27	6.76 27	3.53 23	4.17 30	3.67 30	-
DAILY AVG.	.08	.13	.13	.20	.24	.33	.37	.36	.24	.18	.13	.11	

Notes: Air movement slightly altered by one- and two-story buildings located within 100 and 150 feet of the station.

Devils River Bridge

Operated by: International Boundary and Water Commission.

Equipment type: Evaporometer.

Location: Val Verde County, 10 miles northwest of Del Rio, lat. 29°28', long. 101°02'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1940			12.64 31	11.61 30	15.78 31	15.54 30	22.55 31	16.75 31	13.88 30	11.26 31	4.96 30	5.45 31	-
1941	4.82 31	4.13 28	7.34 31	11.49 30	12.25 31	15.33 30	19.07 31	23.36 31	15.09 30	8.17 31	4.32 30	3.64 31	129.01
1942	4.80 31	5.86 28	12.37 31	10.86 30	13.94 31	19.47 30	22.02 31	18.09 31	8.05 30	6.43 31	5.93 30	4.15 31	131.97
DAILY AVG.	.16	.18	.35	.38	.45	.56	.68	.63	.41	.28	.17	.14	

Notes: Calibrated against the 4-ft Weather Service pan.

Dilley

Operated by: National Weather Service.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Frio County, 0.6 mile southeast of Dilley, lat. 28°40′, long. 99°10′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1963	2.48 31	3.91 28	6.72 31	8.39 30	8.82 31	10.89 30	11.32 31	12.16 31	7.93 30	6.49 31	4.22 30	2.10 31	85.43
1964	3.26 31	3.31 29	5.59 31	7.41 30	7.72 31	10.49 30	12.17 31	11.45 31	7.22 30	5.73 31	3.79 30	-	-
1965	-	2.89 28	4.79 31	6.57 30	6.23 31	9.28 30	11.55 31	10.33 31	9.58 30	4.29 31	2.49 30	2.06 31	-
1966	2.37 31	3.10 28	5.18 31	6.80 30	6.11 31	8.57 30	11.47 31	10.15 31	6.99 30	6.17 31	5.04 30	3.76 31	75.71
1967	3.62 31	4.14 28	7.30 31	8.54 30	10.14 31	12.37 30	13.50 31	10.01 31	5.64 30	4.71 31	2.69 30	2.35 31	85.01
1968	1.89 31	2.62 29	4.21 31	4.60 30	6.80 31	8.35 30	9.83 31	10.88 31	5.43 30	4.94 31	3.90 30	2.87 31	66.32
1969	2.58 31	2.78 28	5.61 31	6.51 30	7.71 31	11.33 30	12.67 31	10.92 31	7.31 30	5.21 31	2.72 30	2.42 31	77.77
1970	1.86 31	3.42 28	4.63 31	6.58 30	8.18 31	8.04 30	9.79 31	9.73 31	7.69 30	4.70 31	4.46 30	3.07 31	72.15
DAILY AVG.	.09	.13	.19	.24	.27	.33	.36	.35	.26	.19	.12	.09	

Notes: Station moved 0.4 mile east of the original site on February 12, 1930 and moved again 0.4 mile southeast of the second location on October 1, 1943. Exposure good during entire period of record.

Dryden

Operated by: International Boundary and Water Commission.

Equipment type: National Weather Service 4-ft diameter pan.

Location: Terrell County, at Dryden, lat. 30°03', long. 102°07'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1928						11.83 30	13.30 31	11.72 31	7.65 30	7.16 31	3.64 30	2.40 31	-
1929	3.46 31	3.84 28	7.09 31	8.17 30	9.71 31	10.38 30	10.65 31	11.90 31	9.42 30	7.18 31	3.09 30	2.96 31	87.85
1930	1.88 31	4.66 28	5.49 31	7.50 30	5.93 31	7.57 30	10.54 31	11.00 31	8.00 30	4.82 31	2.49 30	2.56 31	72.44
1931	2.58 31	2.74 28	6.16 31	5.49 30	6.67 31	8.32 30	8.64 31	8.39 31	8.25 30	6.68 31	4.20 30	2.22 31	70.34
1932	2.89 31	3.34 29	5.83 31	6.88 30	8.44 31	9.84 30	10.24 31	9.89 31	5.45 30	4.57 31	3.52 30	2.03 31	72.92
1933	2.46 31	2.40 28	5.61 31	8.09 30	9.51 31	10.37 30	11.38 31	8.77 31	6.62 30	5.87 31	3.80 30	3.80 31	78.68
1934	2.78 31	4.11 28	6.22 31	7.07 30	9.52 31	11.44 30	11.50 31	10.91 31	7.95 30	5.77 31	4.26 30	2.62 31	84.15
1935	2.64 31	3.97 28	7.68 31	6.35 30	7.40 31	6.77 30	9.54 31	11.21 31	6.14 30	3.99 31	2.61 30	1.73 31	70.03
1936	2.90 31	3.54 29	5.87 31	7.89 30	6.72 31	9.15 30	7.55 31	9.28 31	5.28 30	4.88 31	2.73 30	2.28 31	68.07
1937	1.68 31	3.64 28	4.31 31	7.89 30	9.45 31	10.38 30	9.93 31	11.63 31	7.80 30	6.62 31	3.93 30	1.55 31	78.81
1938	2.49 31	3.08 28	5.17 31	5.82 30	7.40 31	9.48 30	11.49 31	10.88 31	8.43 30	7.56 31	4.73 30	3.31 31	79.84
1939	2.50 31	3.82 28	6.30 31	9.04 30	8.71 31	9.70 30	12.04 31	9.51 31	8.79 30	6.31 31	3.50 30	3.10 31	83.32
1940	2.25 31	3.39 29	5.56 31	6.40 30	8.03 31	6.38 30	8.60 31	10.48 31	8.36 30	5.80 31	2.66 30	2.52 31	70.43
1941	2.71 31	2.32 28	3.69 31	5.80 30	6.49 31	7.05 30	9.40 31	10.40 31	7.85 30	6.10 31	3.98 30	2.54 31	68.33
1942	3.18 31	2.90 28	6.84 31	5.65 30	6.53 31	10.04 30	8.65 31	10.00 31	5.81 30	4.32 31	3.70 30	3.56 31	71.18
1943	2.69 31	4.78 28	6.58 31	7.67 30	-	-	-	-	6.04 30	6.51 31	3.75 30	2.69 31	-
1944	3.54 31	2.52 29	5.79 31	8.79 30	8.67 31	9.91 30	13.26 31	11.45 31	7.97 30	7.08 31	4.42 30	2.08 31	85.48
1945	3.19 31	3.25 28	7.01 31	8.12 30	11.69 31	12.18 30	11.97 31	12.40 31	11.55 30	5.31 31	4.14 30	3.38 31	94.19
1946	3.20 31	4.20 28	8.16 31	9.14 30	6.60 31	10.11 30	13.16 31	12.49 31	5.74 30	3.79 31	3.24 30	2.62 31	82.45
1947	2.59 31	3.77 28	6.25 31	8.01 30	8.68 31	9.44 30	11.93 31	9.53 31	9.78 30	7.22 31	3.88 30	2.53 31	83.61
1948	3.47 31	2.95 29	6.25 31	9.69 30	10.70 31	13.26 30	10.67 31	11.12 31	7.64 30	4.90 31	4.13 30	3.15 31	87.93
1949	2.26 31	3.34 28	4.98 31	5.00 30	6.96 31	7.80 30	10.26 31	-	-	-	-	-	-
1950	4.30 31	5.50 28	6.63 31	6.02 30	8.61 31	9.01 30	10.70 31	10.68 31	8.31 30	6.15 31	4.53 30	3.10 31	83.54
1951	4.11 31	-	6.99 31	8.31 30	8.34 31	9.57 30	12.80 31	12.46 31	8.63 30	6.58 31	3.88 30	3.21 31	-
1952	3.82 31	5.06 29	6.95 31	7.54 30	10.09 31	10.56 30	11.98 31	13.92 31	8.92 30	7.55 31	4.05 30	3.00 31	93.44
1953	5.05 31	4.69 28	6.26 31	9.07 30	11.24 31	13.68 30	14.28 31	11.90 31	8.04 30	5.71 31	3.40 30	3.03 31	96.35
1954	2.93 31	5.98 28	7.41 31	7.28 30	9.60 31	10.97 30	11.42 31	12.34 31	10.29 30	7.01 31	5.21 30	4.51 31	94.95
1955	3.05 31	3.97 28	6.88 31	8.91 30	9.81 31	11.27 30	11.44 31	10.33 31	7.52 30	7.38 31	4.35 30	3.23 31	88.14
1956	3.34 31	4.20 29	7.16 31	8.92 30	11.12 31	13.37 30	14.31 31	13.16 31	10.26 30	7.80 31	4.94 30	4.04 31	102.62
1957	3.41 31	4.01 28	6.96 31	6.87 30	6.84 31	8.51 30	12.67 31	12.38 31	9.26 30	5.02 31	2.37 30	2.64 31	80.94
1958	2.69 31	2.78 28	4.11 31	5.67 30	7.68 31	9.97 30	11.56 31	12.07 31	6.08 30	3.04 31	2.88 30	2.30 31	70.83
1959	2.79 31	2.26 28	6.01 31	5.37 30	7.85 31	9.71 30	10.84 31	10.57 31	8.76 30	5.10 31	3.41 30	2.83 31	75.50
1960	1.95 31	4.06 29	4.56 31	6.64 30	8.27 31	11.83 30	10.48 31	9.35 31	8.08 30	5.58 31	2.82 30	1.67 31	75.29
1961	2.19 31	3.47 28	5.37 31	7.27 30	10.52 31	10.31 30	10.07 31	9.28 31	9.23 30	6.82 31	3.42 30	2.38 31	80.33
1962	3.03 31	5.51 28	6.94 31	7.99 30	11.03 31	9.72 30	13.26 31	12.49 31	8.22 30	7.42 31	3.80 30	2.15 31	91.56

Notes: Good exposure.

(Dryden — National Weather Service 4-ft diameter pan—Continued)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1944										6.65 31	4.32 30	3.30 31	-
1945	4.06 31	4.93 28	10.41 31	12.31 30	15.66 31	17.72 30	11.67 31	16.87 31	12.03 30	5.03 31	5.25 30	4.98 31	120.92
1946	4.40 31	6.72 28	12.11 31	13.52 30	10.49 31	12.76 30	17.76 31	17.84 31	10.81 30	6.43 31	5.81 30	4.43 31	123.08
1947	3.67 31	6.24 28	7.85 31	11.78 30	13.64 31	15.30 30	18.01 31	13.40 31	11.95 30	9.87 31	5.05 30	3.43 31	120.19
1948	3.84 31	5.14 29	11.02 31	14.69 30	17.23 31	19.19 30	16.59 31	16.93 31	11.76 30	6.71 31	6.93 30	5.47 31	135.50
1949	2.06 31	-	9.28 31	10.19 30	11.75 31	15.03 30	15.18 31	11.20 31	11.01 30	6.28 31	6.10 30	4.32 31	-
1950	3.60 31	4.89 28	11.42 31	11.23 30	14.39 31	15.82 30	14.93 31	13.50 31	11.49 30	8.91 31	7.97 30	6.31 31	124.46
1951	6.51 31	5.85 28	9.78 31	13.91 30	15.45 31	14.21 30	19.50 31	18.53 31	13.79 30	9.83 31	5.87 30	5.78 31	139.01
1952	5.76 31	8.39 29	11.02 31	13.50 30	16.68 31	16.26 30	17.95 31	18.81 31	13.07 30	10.27 31	5.56 30	3.63 31	140.90
1953	8.39 31	7.77 28	9.17 31	16.17 30	18.83 31	19.97 30	21.27 31	14.80 31	12.05 30	9.94 31	5.98 30	4.65 31	148.99
1954	3.97 31	8.21 28	11.94 31	9.94 30	14.57 31	15.85 30	17.99 31	15.53 31	13.68 30	8.01 31	7.22 30	6.57 31	133.48
1955	3.83 31	5.82 28	10.35 31	13.89 30	16.51 31	15.69 30	16.67 31	13.20 31	10.31 30	9.78 31	6.28 30	5.49 31	127.82
1956	4.73 31	6.76 29	10.41 31	13.88 30	18.39 31								-
DAILY AVG.	.15	.23	.34	.43	.49	.54	.55	.50	.40	.26	.20	.16	

Notes: Good exposure.

Dryden

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1949									7.09 30	3.90 31	4.49 30	3.58 31	-
1950	2.03 31	3.34 28	8.81 31	7.27 30	10.02 31	11.98 30	11.67 31	10.27 31	7.85 30	6.99 31	6.33 30	4.89 31	91.45
1951	4.98 31	4.40 28	7.32 31	9.61 30	9.78 31	9.24 30	13.95 31	13.32 31	10.40 30	7.78 31	5.10 30	4.56 31	100.44
1952	4.43 31	6.12 29	8.03 31	9.11 30	10.56 31	11.18 30	13.30 31	14.08 31	10.33 30	8.49 31	5.03 30	3.49 31	104.15
1953	5.92 31	5.80 28	6.07 31	11.80 30	13.53 31	15.43 30	15.96 31	12.85 31	8.97 30	7.23 31	5.16 30	4.27 31	112.99
1954	3.21 31	5.56 28	8.43 31	6.56 30	9.88 31	11.78 30	13.69 31	12.18 31	11.27 30	6.96 31	5.90 30	6.54 31	101.96
1955	3.21 31	4.46 28	7.81 31	9.00 30	11.16 31	10.97 30	13.23 31	9.58 31	6.88 30	8.88 31	5.20 30	4.24 31	94.62
1956	3.59 31	5.03 29	7.08 31	9.91 30	12.76 31								-
DAILY AVG.	.13	.18	.25	.30	.36	.39	.44	.39	.30	.23	.18	.15	

Notes: Good exposure.

Dryden

Equipment type: 12-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1949										4.49 31	4.47 30	3.23 31	-
1950	2.48 31	3.76 28	7.29 31	8.99 30	11.21 31	13.16 30	11.66 31	10.37 31	8.10 30	6.67 31	5.66 30	4.07 31	93.42
1951	4.70 31	3.51 28	7.12 31	9.88 30	9.79 31	10.25 30	13.25 31	13.12 31	9.75 30	6.94 31	4.73 30	4.17 31	97.21
1952	3.96 31	6.05 29	7.62 31	9.35 30	11.50 31	12.10 30	12.77 31	13.02 31	9.43 30	7.57 31	4.31 30	2.98 31	100.66
1953	5.40 31	5.51 28	6.25 31	11.74 30	13.09 31	14.72 30	15.13 31	12.96 31	9.06 30	7.14 31	4.59 30	3.51 31	109.10
1954	2.97 31	5.74 28	8.32 31	6.89 30	9.20 31	11.60 30	13.19 31	11.52 31	10.05 30	6.33 31	5.25 30	4.74 31	95.80
1955	2.92 31	4.49 28	7.65 31	10.12 30	12.40 31	11.09 30	11.56 31	-	-	8.24 31	4.77 30	3.70 31	-
1956	2.91 31	5.02 29	7.35 31	9.65 30	12.51 31								-
DAILY AVG.	.12	.17	.24	.32	.37	.41	.42	.39	.31	.22	.16	.12	

Notes: Good exposure.

Eagle Pass

Operated by: International Boundary and Water Commission.

Equipment type: Evaporometer.

Location: Maverick County, at Eagle Pass, lat. 28°43′, long. 100°30′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1941		2.24 28	3.93 31	6.83 30	6.13 31	8.18 30	11.96 31	14.07 31	9.28 30	7.50 31	4.46 30	3.06 31	-
1942	4.04 31	4.00 28	10.40 31	9.14 30	10.68 31	16.46 30	15.52 31	15.63 31	6.75 30	7.12 31	6.45 30	4.17 31	110.36
DAILY AVG.	.13	.11	.23	.27	.27	.41	.44	.48	.27	.24	.18	.12	

Notes: Calibrated against the 4-ft Weather Service pan.

Eagle Pass

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1964	3.95 31	4.46 29	6.23 31	8.54 30	7.16 31	11.00 30	14.23 31	12.07 31	6.20 30	4.02 31	3.67 30	-	-
1965	3.50 31	2.70 28	5.43 31	6.03 30	5.60 31	10.62 30	11.24 31	11.31 31	7.53 30	8.22 31	2.97 30	4.37 31	79.52
1966	2.28 31	2.43 28	4.24 31	5.73 30	3.28 31	8.42 30	12.88 31	8.87 31	4.65 30	7.10 31	4.32 30	3.62 31	67.82
1967	3.18 31	4.10 28	5.79 31	7.91 30	10.43 31	11.91 30	12.04 31	10.06 31	6.77 30	5.75 31	3.20 30	3.49 31	84.63
1968	2.11 31	2.92 29	3.59 31	5.53 30	4.90 31	10.13 30	9.53 31	9.07 31	6.05 30	4.72 31	4.33 30	3.91 31	66.79
1969	3.33 31	3.29 28	5.06 31	6.20 30	7.11 31	10.69 30	14.01 31	13.81 31	7.34 30	5.61 31	2.81 30	2.46 31	81.72
1970	3.47 31	2.78 28	4.11 31	5.62 30	6.50 31	9.11 30	8.90 31	10.97 31	11.84 30	5.43 31	4.10 30	2.93 31	75.76
DAILY AVG.	.10	.11	.16	.22	.21	.34	.38	.35	.24	.19	.12	.11	

Notes: Good exposure.

Falcon Dam

Operated by: International Boundary and Water Commission.

Equipment type: Young screened 2-ft diameter pan.

Location: Starr County, 13.4 miles northwest of Roma, lat. 26°34′, long. 99°08′.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950				8.94 30	12.14 31	13.41 30	15.99 31	14.03 31	10.98 30	8.24 31	7.83 30	5.74 31	-
1951	5.24 31	6.21 28	10.31 31	9.26 30	11.14 31	13.58 30	14.31 31	12.00 31	8.36 30	6.82 31	5.32 30	4.60 31	107.15
1952	4.48 31	5.84 29	7.54 31	9.15 30	11.69 31	11.38 30	12.66 31	12.96 31	10.64 30	9.32 31	5.52 30	3.94 31	105.12
1953	5.36 31	6.44 28	7.58 31	9.81 30	11.01 31	13.57 30	14.45 31	10.98 31	7.12 30	5.55 31	4.18 30	3.95 31	100.00
1954	2.42 31	5.94 28	6.77 31	7.67 30	9.75 31	11.12 30	12.15 31	11.63 31	9.48 30	6.38 31	4.41 30	4.72 31	92.44
1955	3.84 31	3.99 28	7.98 31	8.62 30	9.86 31	12.47 30	13.55 31	11.36 31	5.46 30	6.69 31	5.05 30	3.59 31	92.46
1956	4.11 31	4.82 29	6.96 31	7.95 30	10.15 31	12.41 30	14.86 31	12.87 31	10.22 30	8.62 31	6.59 30	4.58 31	104.14
1957	3.98 31	4.86 28	7.53 31	7.35 30	8.85 31	9.88 30	14.62 31	13.33 31	10.17 30	7.37 31	4.52 30	4.05 31	96.51
1958	2.92 31	3.13 28	4.48 31	7.09 30	8.34 31	8.18 30	11.81 31	12.38 31	5.14 30	2.82 31	3.22 30	3.10 31	72.61
1959	2.01 31	2.15 28	4.83 31	5.58 30	10.04 31	9.21 30	11.31 31	10.56 31	8.47 30	6.20 31	4.75 30	3.58 31	78.69
1960	2.43 31	4.54 29	4.21 31	5.80 30	9.11 31	11.71 30	12.81 31	10.36 31	6.31 30	6.52 31	3.47 30	2.30 31	79.57
1961	2.80 31	4.13 28	6.54 31	9.61 30	11.10 31	10.59 30	13.15 31	8.81 31	8.57 30	6.14 31	3.49 30	3.30 31	88.23
1962	4.13 31	5.44 28	7.00 31	8.24 30	12.65 31	11.08 30	15.77 31	13.23 31	9.33 30	8.54 31	5.27 30	3.78 31	104.46
1963	3.18 31	4.89 28	8.00 31	10.09 30	10.36 31	11.23 30	14.00 31	13.30 31	9.61 30	7.71 31	5.02 30	2.80 31	100.19
1964	3.66 31	4.09 29	6.83 31	8.30 30	8.71 31	11.38 30	13.27 31	16.14 31	9.54 30	7.47 31	-	3.20 31	-
1965	3.95 31	4.25 28	5.21 31	7.20 30	7.52 31	12.30 30	14.15 31	12.61 31	9.76 30	5.76 31	4.16 30	2.37 31	89.24
1966	2.68 31	2.79 28	4.84 31	6.06 30	5.21 31	7.13 30	10.78 31	11.38 31	7.76 30	6.60 31	5.97 30	5.03 31	76.23
1967	3.64 31	4.66 28	6.79 31	9.40 30	10.08 31	12.48 30	15.53 31	9.07 31	5.94 30	5.22 31	2.55 30	3.04 31	88.40
1968	2.42 31	2.85 29	5.33 31	4.34 30	6.78 31	9.72 30	9.02 31	10.22 31	5.19 30	5.40 31	4.25 30	4.02 31	69.54
1969	3.10 31	3.34 28	6.17 31	7.35 30	8.01 31	9.71 30	13.28 31	10.17 31	7.09 30	7.01 31	5.16 30	3.04 31	83.43
1970	1.64 31	3.82 28	6.03 31	7.77 30	7.98 31	9.09 30	10.01 31	10.28 31	7.35 30	5.68 31	5.50 30	4.18 31	79.33
DAILY AVG.	.11	.16	.21	.26	.31	.37	.43	.38	.27	.22	.16	.12	

Notes: Good exposure.

Falcon Dam

Equipment type: 12-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1956				7.21 30	10.26 31	11.56 30	13.52 31	12.15 31	9.58 30	8.14 31	5.77 30	3.97 31	-
1957	3.75 31	4.91 28	7.72 31	5.88 30	8.72 31	9.71 30	13.16 31	11.85 31	8.78 30	6.10 31	4.25 30	3.89 31	88.72
1958	2.76 31	3.01 28	4.68 31	6.93 30	7.79 31	7.83 30	11.44 31	11.79 31	5.40 30	2.94 31	2.92 30	2.51 31	70.00
1959	2.22 31	2.16 28	5.02 31	5.38 30	7.12 31	7.38 30	9.54 31	9.99 31	8.55 30	5.98 31	4.20 30	3.18 31	70.72
1960	2.15 31	4.27 29	4.56 31	6.32 30	8.42 31								-
DAILY AVG.	.09	.13	.18	.21	.27	.30	.38	.37	.27	.19	.14	.11	

Notes: Good exposure.

Falcon Dam

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1956				10.70 30	15.22 31	15.54 30	19.18 31	16.39 31	13.46 30	11.47 31	7.69 30	5.36 31	-
1957	5.06 31	6.72 28	11.40 31	10.68 30	12.00 31	13.22 30	17.91 31	16.84 31	12.09 30	8.50 31	6.44 30	5.49 31	126.35
1958	3.72 31	4.13 28	6.19 31	9.72 30	13.19 31	12.30 30	15.19 31	16.49 31	7.03 30	5.07 31	4.02 30	3.22 31	100.27
1959	3.18 31	3.03 28	7.05 31	8.18 30	13.52 31	13.30 30	15.94 31	-	11.75 30	8.01 31	5.47 30	4.65 31	-
1960	2.96 31	6.26 29	6.50 31	9.31 30	12.75 31	14.77 30	17.08 31	13.56 31	8.44 30	7.33 31	3.87 30	2.75 31	105.58
1961	3.10 31	5.93 28	10.45 31	13.25 30	14.18 31	14.37 30	15.82 31	12.70 31	9.80 30	7.89 31	4.73 30	3.73 31	115.95
1962	5.70 31	8.30 28	10.36 31	11.69 30	15.99 31	14.84 30	18.58 31	16.38 31	12.01 30	10.11 31	6.28 30	3.80 31	134.04
1963	4.70 31	6.68 28	10.47 31	13.16 30	11.88 31	14.67 30	16.15 31	17.38 31	10.46 30	8.65 31	6.56 30	2.78 31	123.54
1964	4.82 31	5.26 29	8.80 31	10.60 30	11.75 31	12.62 30	16.08 31	18.52 31	11.71 30	7.67 31	5.91 30	3.80 31	117.54
1965	5.20 31	5.40 28	7.60 31	10.00 30	11.95 31	16.15 30	18.23 31	14.90 31	13.12 30	6.90 31	4.85 30	2.99 31	117.29
1966	2.63 31	3.59 28	6.74 31	9.86 30	8.98 31	10.52 30	14.21 31	14.05 31	10.34 30	7.76 31	7.40 30	5.68 31	101.76
1967	4.88 31	5.86 28	9.52 31	13.88 30	13.84 31	15.96 30	19.25 31	13.39 31	7.45 30	6.20 31	2.97 30	2.97 31	116.17
1968	2.84 31	3.70 29	6.72 31	7.49 30	9.78 31	12.47 30	11.49 31	13.22 31	7.27 30	6.50 31	5.25 30	4.76 31	91.49
1969	3.96 31	4.00 28	8.20 31	9.69 30	11.75 31	12.99 30	17.36 31	13.30 31	8.93 30	8.08 31	5.28 30	3.65 31	107.19
1970	2.63 31	4.60 28	8.01 31	10.42 30	10.66 31	13.23 30	13.65 31	13.40 31	10.45 30	6.63 31	6.47 30	5.13 31	105.28
DAILY AVG.	.13	.19	.27	.35	.40	.46	.53	.49	.34	.25	.18	.13	

Notes: Good exposure.

Fort McIntosh

Operated by: International Boundary and Water Commission.

Equipment type: 12-ft diameter pan.

Location: Webb County, 1 mile southwest of Laredo, lat. 27°30', long. 99°31'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950		3.62 28	6.58 31	6.94 30	8.89 31	9.85 30	12.30 31	11.63 31	7.13 30	6.99 31	4.74 30	3.41 31	-
1951	3.88 31	3.97 28	7.38 31	7.52 30	8.52 31	9.72 30	12.82 31	10.49 31	8.52 30	5.80 31	4.27 30	3.78 31	86.67
1952	3.84 31	4.69 29	6.22 31	7.73 30	9.58 31	10.83 30	11.54 31	11.59 31	9.49 30	7.31 31	4.24 30	2.59 31	89.65
1953	4.11 31	4.28 28	5.72 31	8.82 30	10.31 31	12.48 30	13.90 31	9.91 31	7.31 30	5.05 31	3.66 30	3.11 31	88.66
1954	2.42 31	5.38 28	6.52 31	7.05 30	9.56 31	11.15 30	9.49 31	11.04 31	8.30 30	5.63 31	3.91 30	3.76 31	84.21
1955	2.71 31	3.36 28	6.72 31	7.67 30	9.57 31	11.24 30	11.33 31	9.74 31	6.28 30	6.87 31	3.74 30	2.42 31	81.65
DAILY AVG.	.11	.15	.21	.25	.30	.36	.38	.35	.26	.20	.14	.10	

Notes: Good exposure.

Fort McIntosh

Equipment type: National Weather Service 4-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950		5.31 28	8.25 31	9.90 30	13.30 31	13.69 30	17.16 31	16.48 31	10.85 30	9.34 31	5.98 30	4.45 31	-
1951	5.45 31	6.18 28	9.54 31	11.41 30	12.36 31	14.09 30	17.95 31	14.89 31	12.32 30	7.44 31	5.10 30	5.44 31	122.17
1952	5.41 31	6.55 29	9.04 31	11.22 30	13.86 31	13.90 30	14.90 31	15.44 31	12.62 30	9.04 31	5.25 30	3.89 31	121.12
1953	6.46 31	6.12 28	9.20 31	12.70 30	14.87 31	16.94 30	17.17 31	13.49 31	10.04 30	6.38 31	4.86 30	3.72 31	121.95
1954	3.66 31	7.42 28	9.19 31	9.74 30	12.32 31	14.18 30	13.44 31	15.31 31	11.17 30	7.75 31	5.23 30	4.85 31	114.26
1955	4.23 31	5.04 28	8.88 31	11.30 30	13.45 31	15.84 30	14.55 31	12.61 31	8.15 30	8.65 31	4.76 30	3.19 31	110.65
1956	4.08 31	5.63 29											-
DAILY AVG.	.16	.21	.29	.37	.43	.49	.51	.47	.36	.26	.17	.14	

Notes: Good exposure.

Fort McIntosh

Equipment type: Young screened 2-ft diameter pan.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1950		3.78 28	6.52 31	8.21 30	8.92 31	10.90 30	13.83 31	13.04 31	8.97 30	8.01 31	5.66 30	4.01 31	-
1951	4.59 31	4.48 28	7.93 31	8.75 30	8.98 31	11.40 30	14.59 31	12.08 31	9.26 30	7.57 31	-	4.62 31	-
1952	4.46 31	5.39 29	6.88 31	8.73 30	9.86 31	11.67 30	13.34 31	14.28 31	11.30 30	8.37 31	5.12 30	3.21 31	102.61
1953	4.78 31	4.89 28	6.65 31	10.12 30	12.08 31	14.95 30	16.19 31	11.70 31	8.09 30	5.87 31	4.13 30	3.65 31	103.10
1954	2.85 31	5.75 28	7.33 31	8.36 30	10.35 31	11.73 30	10.56 31	12.38 31	9.15 30	6.38 31	4.26 30	4.27 31	93.37
1955	3.35 31	3.81 28	7.61 31	8.57 30	10.49 31	12.60 30	12.06 31	10.74 31	6.43 30	7.69 31	4.38 30	2.75 31	90.48
1956	3.40 31	4.50 29											-
DAILY AVG.	.13	.16	.23	.29	.33	.41	.43	.40	.30	.24	.16	.12	

Notes: Good exposure.

Fort Quitman

Operated by: International Boundary and Water Commission.

Equipment: Evaporometer.

Location: Hudspeth County, 8 miles west-southwest of Sierra Blanca, lat. 31°06', long. 105°36'.

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ADJ. ANNUAL
1942		4.96 28	9.15 31	10.37 30	11.86 31	12.87 30	10.65 31	6.97 31	7.91 30	4.19 31	4.10 30	2.37 31	-
DAILY AVG.		.18	.30	.35	.38	.43	.34	.22	.26	.14	.14	.08	

Notes: Calibrated against the 4-ft Weather Service pan.