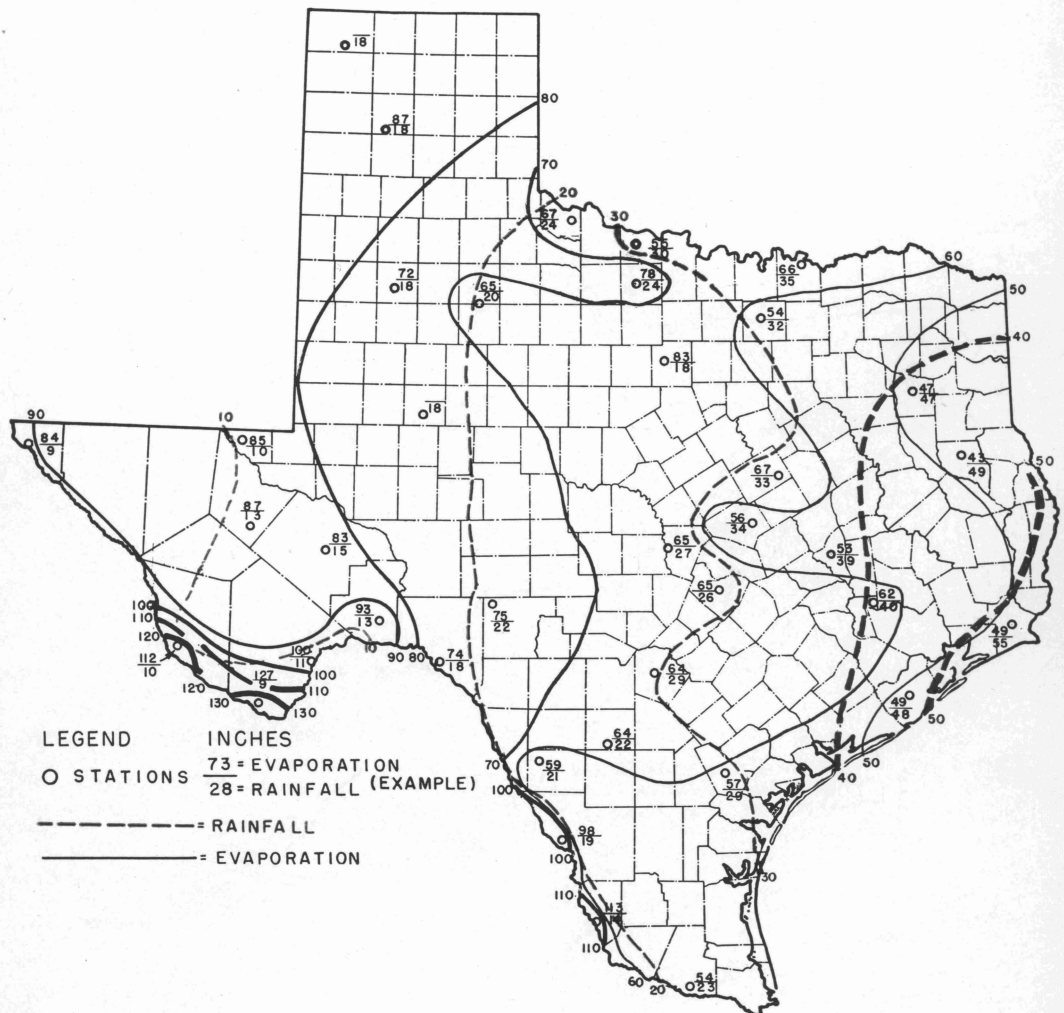




• *Water Evaporation Studies*

• *In Texas*



Isogram showing the relationship and comparison of evaporation losses from free-water surfaces and rainfall in Texas.

in cooperation with the
TEXAS BOARD OF WATER ENGINEERS
 and the
U. S. DEPARTMENT OF AGRICULTURE

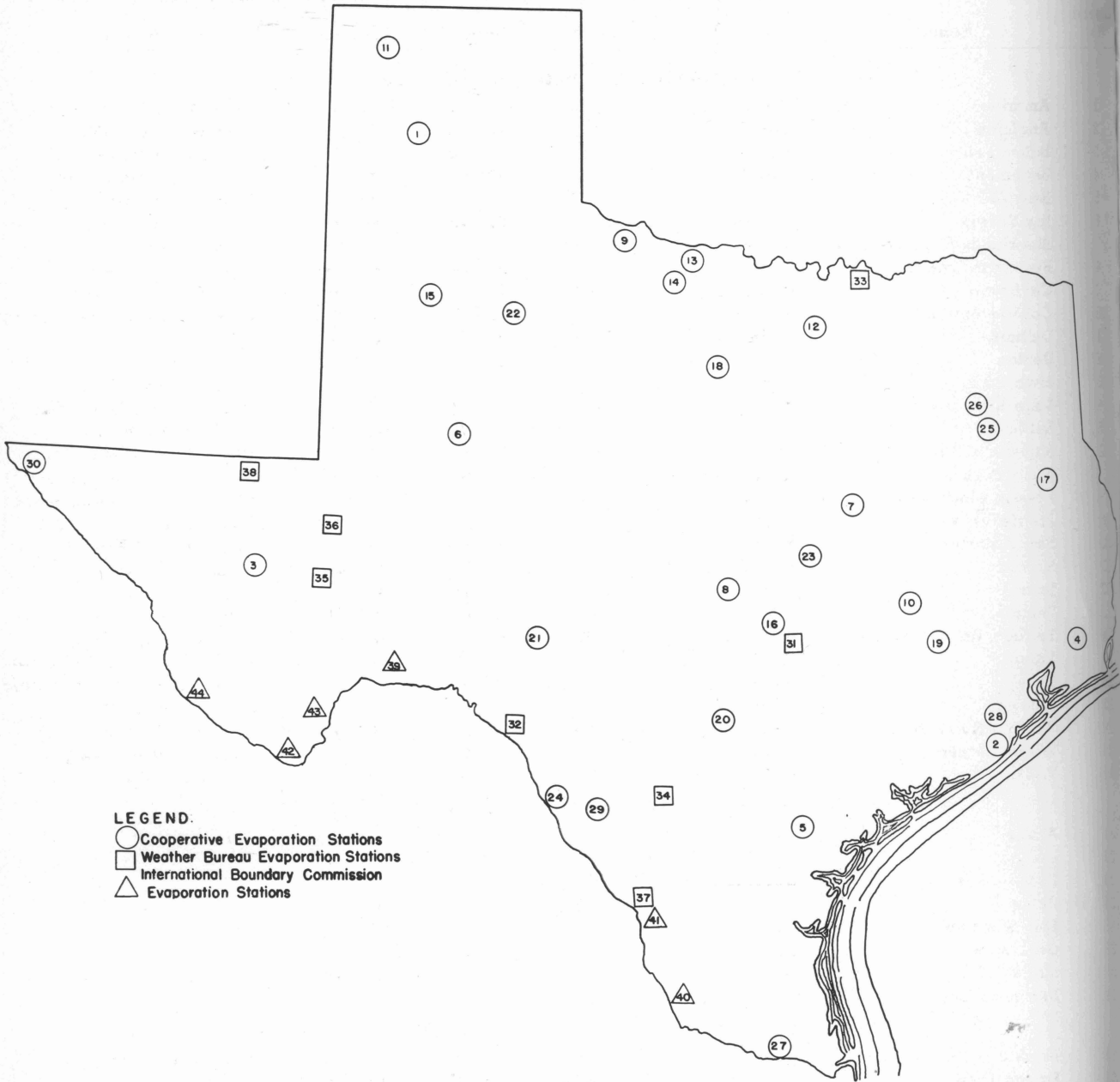


Figure 1. Location of cooperative, Weather Bureau and International Boundary Commission evaporation stations in Texas. For detailed information on each location, see the facing page.

LOCATION OF COOPERATIVE, WEATHER BUREAU AND INTERNATIONAL BOUNDARY COMMISSION
EVAPORATION STATIONS IN TEXAS, AS SHOWN IN FIGURE 1, ON FACING PAGE

Legend No.	Name	County	Elevation	Latitude	Longitude	Location
COOPERATIVE EVAPORATION STATIONS						
1	Amarillo	Potter	3,795	35° 10'	102° 05'	14 mi. W of Amarillo
2	Angleton	Brazoria	27	29° 12'	95° 23'	4 mi. NE of Angleton
3	Balmorhea	Reeves	3,225	31° 00'	103° 41'	4 mi. E of Balmorhea
4	Beaumont	Jefferson	30	30° 04'	94° 17'	10 mi. W of Beaumont
5	Beeville	Bee	225	28° 27'	97° 42'	5 mi. E of Beeville
6	Big Spring	Howard	2,528	32° 15'	101° 27'	1 mi. N of Big Spring
7	Blacklands Expt. Watershed	McLennan	450	31° 29'	96° 53'	1 mi. E of Riesel
8	Buchanan Dam (1)	Travis	1,025	30° 44'	98° 25'	10 mi. W of Burnet
9	Chillicothe	Hardeman	1,406	34° 17'	99° 29'	5 mi. SW of Chillicothe
10	College Station	Brazos	308	30° 36'	96° 20'	8 mi. SW of College Station
11	Dalhart	Dallam	3,998	36° 01'	102° 35'	
12	Denton	Denton	621	33° 15'	97° 11'	4 mi. W of Denton
13	Iowa Park	Wichita	978	33° 55'	98° 39'	2 mi. S of Iowa Park
14	Lake Kickapoo (2)	Archer	1,045	33° 40'	98° 47'	26 mi. SW of Wichita Falls
15	Lubbock	Lubbock	3,242	33° 35'	101° 48'	3 mi. E of Lubbock
16	Mansfield Dam (1)	Travis	550	30° 22'	97° 55'	15 mi. NW of Austin
17	Nacogdoches	Nacogdoches	435	31° 36'	94° 38'	2 mi. N of Nacogdoches
18	Possum Kingdom Dam (3)	Palo Pinto	1,142	32° 52'	98° 26'	20 mi. NW of Mineral Wells
19	Prairie View	Waller	254	30° 08'	46° 09'	Prairie View
20	San Antonio	Bexar	539	29° 09'	98° 21'	6 mi. S of San Antonio
21	Sonora	Sutton	3,600	30° 16'	100° 35'	28 mi. S of Sonora
22	Spur	Dickens	2,300	33° 29'	100° 52'	1 mi. W of Spur
23	Temple	Bell	660	31° 03'	97° 21'	2 mi. S of Temple
24	Tortuga Ranch (4)	Maverick	793	28° 43'	100° 24'	5 mi. E of Eagle Pass
25	Troup	Smith	484	32° 20'	95° 17'	10 mi. NE of Tyler at Lindale
26	Tyler	Smith	550	32° 27'	95° 22'	10 mi. NE of Tyler at Lindale
27	Weslaco	Hildago	80	26° 09'	97° 58'	2 mi. E of Weslaco
28	William Harris Reservoir (5)	Brazoria	40	29° 15'	95° 33'	3 mi. W of Chenango
29	Winter Haven	Dimmit	596	28° 38'	99° 52'	5 mi. S of Crystal City
30	Ysleta	El Paso	3,652	31° 42'	106° 19'	5 mi. E of Ysleta
WEATHER BUREAU EVAPORATION STATIONS						
31	Austin	Travis	615	30° 18'	97° 42'	Airport, Austin
32	Del Rio	Val Verde	1,091	29° 22'	100° 49'	Del Rio Airport
33	Denison Dam (6)	Grayson	613	33° 49'	96° 34'	
34	Dilley	Frio	569	28° 40'	99° 10'	
35	Fort Stockton	Pecos	2,925	30° 34'	102° 52'	
36	Grandfalls	Pecos	2,436	31° 15'	102° 53'	
37	Laredo	Webb	500	27° 32'	99° 28'	
38	Red Bluff Dam	Reeves	2,800	31° 54'	103° 55'	
INTERNATIONAL BOUNDARY COMMISSION EVAPORATION STATIONS						
39	Dryden	Terrell	2,800	30° 08'	102° 10'	W edge of Dryden
40	Falcon Dam	Zapata	311	26° 35'	99° 10'	
41	Fort McIntosh	Webb	438	27° 40'	99° 30'	Laredo
42	Johnson Ranch	Brewster	2,100	29° 05'	103° 25'	
43	Maravillus	Brewster	1,760	29° 30'	102° 50'	
44	Presidio	Presidio	2,594	29° 30'	104° 25'	

- (1) In cooperation with Lower Colorado River Authority, Austin.
- (2) In cooperation with Water Department, City of Wichita Falls.
- (3) In cooperation with Brazos River Conservation and Reclamation District, Mineral Wells.
- (4) In cooperation with Maverick County Water Control and Improvement District No. 1, Eagle Pass.
- (5) In cooperation with Dow Chemical Co., Freeport.
- (6) In cooperation with Corps of Army Engineers.

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Water Evaporation Studies in Texas

DEAN W. BLOODGOOD, R. E. PATTERSON and R. L. SMITH, JR.*

CONSIDERABLE DATA HAVE BEEN GATHERED IN Texas over the years on evaporation rates from free-water surfaces. Some of the data have never been published. Some have been published by various federal and state agencies but many of the publications are out of print and, therefore, are not readily available for general use.

This bulletin contains a complete compilation of all known data on water evaporation in Texas. It also contains information on proper installation and operation of evaporation stations, and discusses procedures and coefficients to use in converting pan evaporation losses to natural lake or reservoir losses.

IMPORTANCE OF EVAPORATION DATA

Evaporation data and their use are as important as rainfall and other meteorological records. The amount of such data available is small in comparison with rainfall, temperature and relative humidity records that have been obtained at many stations throughout the United States during the past century. Evaporation is the most important single meteorological factor affecting the formation of rain upon which man, animal and plant life depend so much for their existence. A large portion of rainfall is dissipated by evaporation losses from free-water and soil surfaces, evapo-transpiration losses from plant growth and other losses.

The Texas Agricultural Experiment Station as early as 1916 recognized the importance of evaporation data and established evaporation stations at some of its field units. At that time there was only one evaporation station being operated in Texas by the U. S. Weather Bureau, while 228 rainfall stations were in operation.

The usefulness of evaporation data is recognized by reservoir operators who are attempting to determine their evaporation losses. Its value also is recognized by administrators and investigators in regions where water rights are in dispute locally or where interstate water supply and demand are not in balance. Valley or basin investigations, to determine the proper division of the existing supply between contending users, also must consider evaporation losses.

Much of the present irrigated agriculture of Texas has been made possible by the impounding of flood waters. The future progress of irrigated agriculture also will depend on this water. Storage dams conserve a water supply for direct benefits to mankind that otherwise might be wasted. Reservoirs must be designed for a carry-over supply from wet years for use during years of water deficiency. During these periods, part of the carryover is lost by evaporation. Studies of evaporation from storage reservoir indicate that for long periods of deficient stream flow, reservoirs may yield, for useful purposes, as little as 50 percent of the total water impounded—the remainder is lost by evaporation.

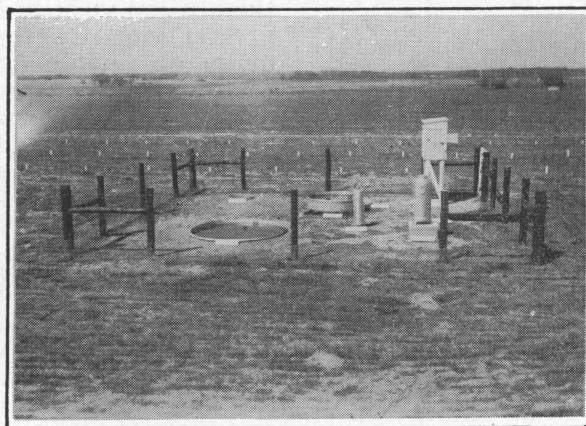
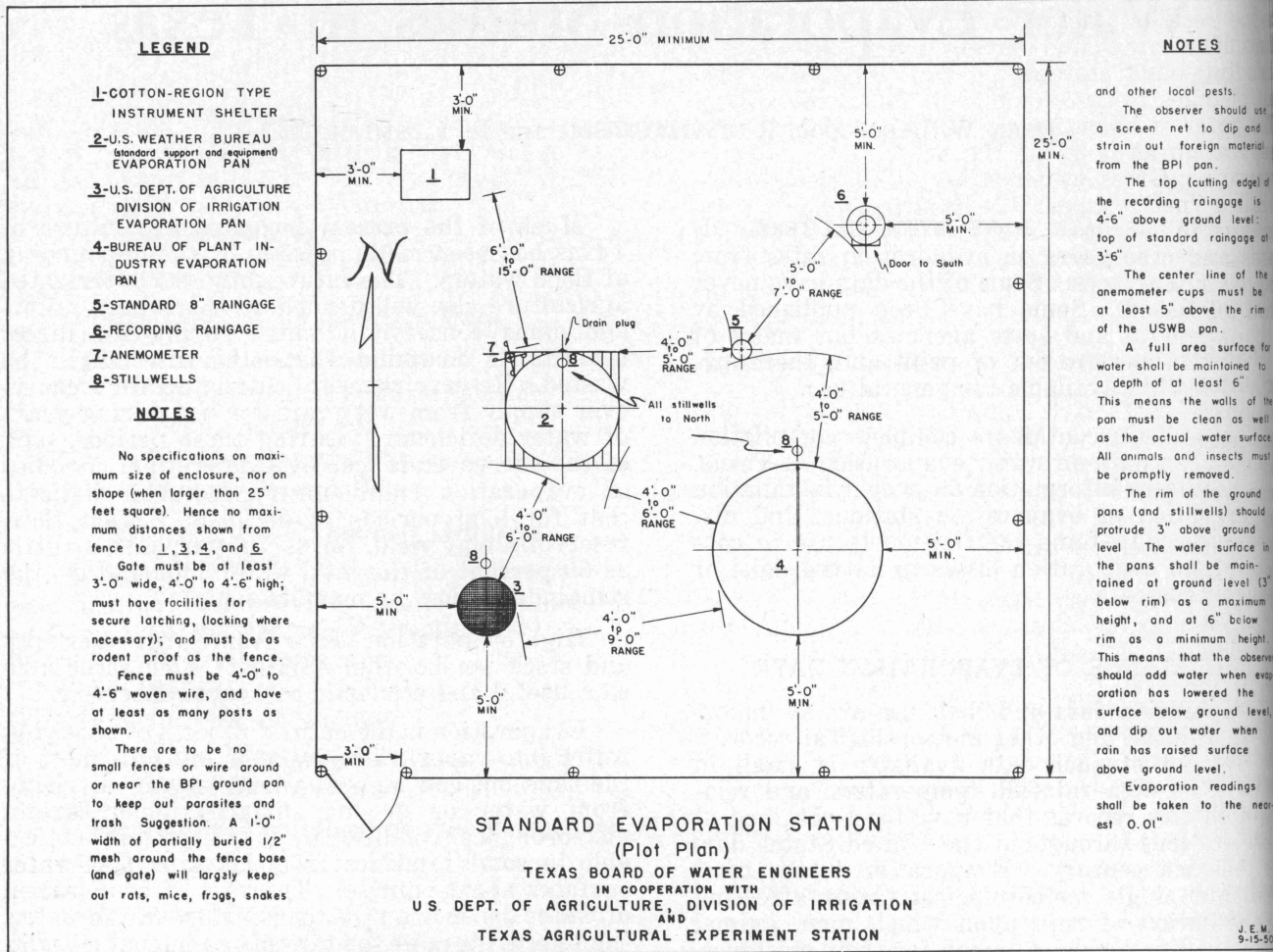
High evaporation losses from farm reservoirs and stock ponds often eliminate such structures as a useful and economic carryover reservoir.

Evaporation is the natural process of changing water into vapor. The vapor is invisible most of the time but can be seen when "steam" is rising from water or ground surfaces under certain meteorological conditions. It is especially noticeable in some localities from lakes or free-water surfaces about sunrise. The rate of evaporation of water depends on the temperature of the water, the temperature of the air that is in contact with the water, the amount of water vapor already in the air and velocity of the wind. Dry air has a greater capacity for absorbing moisture than moist air; hence, evaporation increases under conditions of low humidity. Wind increases evaporation from water surfaces by replacing moist air over the water with dried air moving in from a distance. Evaporation increases as temperatures increase. In general, relatively low evaporation occurs in the coastal areas and high evaporation occurs in the places of high temperatures, low humidity and high winds.

Usually, evaporation losses from a reservoir cannot be measured directly because of unknown amounts of water entering or leaving the reservoir. Therefore, research studies are necessary to determine the relationship between evaporation from small containers, which are measurable, and from large bodies of water which are not directly measurable.

Most of the evaporation data now recorded are obtained from small galvanized pans and by hook-gage measurement at regular intervals. Allowance is made for any rain falling in the pan and the net results give the actual depth of evaporation for the period of measurement. Since evaporation from small pans varies directly as evaporation from large reservoirs, evaporation

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A standardized evaporation and meteorological station at one of the cooperating stations. The instrument shelter is located in the northwest portion of the enclosure. Looking towards the west.

Figure 2. Plans and specifications and installation of a standardized evaporation and meteorological station at one of Texas agricultural experiment stations.

from large areas may be estimated by applying the proper coefficient to pan records. Evaporation from reservoirs or ponds may be considered as the residual factor in the summation of the items of inflow to and outflow from the reservoir, including bank storage, rain on the water area and changes in the volume of the water stored. This total is sometimes referred to as "gross" evaporation as it is the actual loss from lake or reservoir. Gross evaporation minus the rainfall is called "net" evaporation, a term indicating the net loss in storage resulting from evaporation losses and precipitation gains. Net evaporation may be a minus quantity. Gross evaporation allowed of the 0.70 value.

The earliest evaporation studies were made by Irrigation Investigations, Office of Experiment Stations, U. S. Department of Agriculture, in 1905 and dealt mostly with evaporation losses from soils (1). Evaporation studies from water surfaces were made in Denver in 1915 (2). Apparently, this was the first attempt to determine the characteristic evaporation rates from different pans. Each pan and type was found to have a different rate of loss. Two of these studied were a 12-foot diameter pan, 3 feet deep set in the ground, and a standard Weather Bureau pan, 4 feet in diameter by 10 inches deep, set on timbers in the ground surface. Evaporation from the 12-foot pan was found to be 0.70 of that from a Weather Bureau pan. Such ratios are termed coefficients, and as evaporation differs according to the size of the pan, there is a different coefficient for each size and type according to whether they are circular or square, set in the ground, floating on water surface or on the ground surface is positive.

Several years later, Rohwer and Parshall, began an intensive study at Fort Collins, Colorado, dealing largely with evaporation from an 85-foot diameter copper-lined reservoir (3). Measurements from a Weather Bureau pan were made simultaneously. The coefficient for conversion of evaporation from the Weather Bureau pan to evaporation from the reservoir averaged 0.70 which was the same value resulting from the Denver study. As a result, a subcommittee of the American Society of Civil Engineers recommended that this value be adopted for the conversion of evaporation from a standard Weather Bureau pan to equivalent evaporation from a larger body of water. More recent studies made in California and Texas indicate the average coefficients to be consistently higher, averaging 0.76 to 0.78 in-
crease.

TYPES OF EVAPORATION PANS

Bureau of Plant Industry Pan

This was the first pan generally used in the United States for recording evaporation losses from small galvanized tanks. The first records in Texas with the use of this pan were made about 1907 at the Bureau of Plant Industry experiment

stations. When the Texas Agricultural Experiment Station established substations throughout Texas, this type of pan was adopted. As a result, there are more installations and records in Texas for this type than for any other type of evaporation pan.

According to the standard specification, this type of pan is made of 22-gage galvanized iron, 6 feet in diameter by 24 inches in depth and set 20 inches in the ground with the water surface in the pan at ground level, as shown in Figure 3. Measurement of water loss is made with a hook gage in an outside stilling well.

Because this pan is set in the ground and contains a greater volume of water than the Weather Bureau pan, its water temperature is cooler during the day and warmer during the night. Evaporation is lower than that from the more exposed Weather Bureau type pan.

Young Screen Pan

This type of pan (formerly known as the Division of Irrigation screen pan) was first used in 1936. It is gaining prominence because of its high coefficient as compared with other types of pans and because of other favorable factors (5,6). This type pan has been adopted as a standard by the American Section, International Boundary and Water Commission, and by the Texas Agricultural Experiment Station for future installation and records.

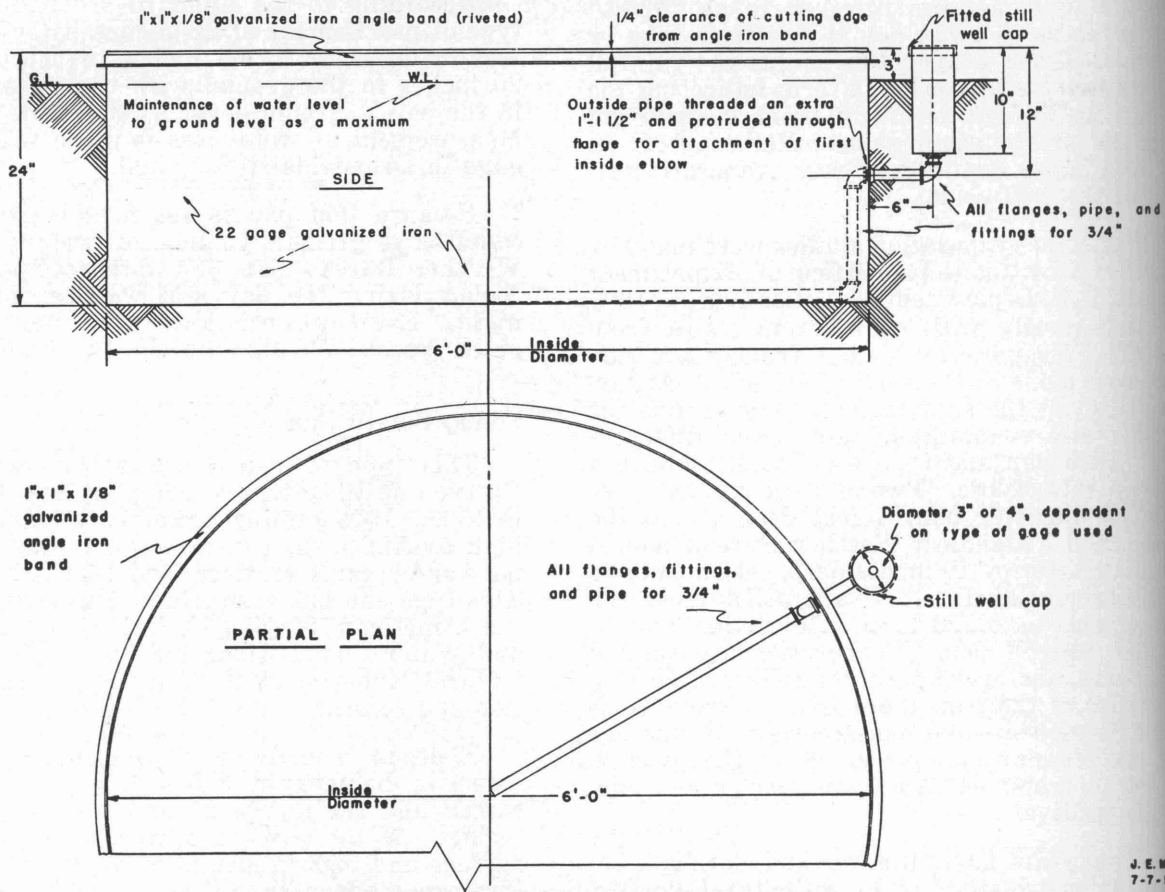
The pan is made of 22-gage galvanized iron, 2 feet in diameter by 3 feet deep covered with a screen and set in the ground to a depth of 33 inches. Water levels are maintained at ground surface and measurements of depths of evaporation are made with a hook gage in an outside stilling well. The screen is made of galvanized hardware cloth with one-fourth inch mesh and suspended horizontally in the pan midway between the rim and water surface, as shown in Figure 4.

Experiments are being carried on at the Del Rio and Laredo stations in cooperation with the International Boundary and Water Commission and the Weather Bureau where stainless steel alloy is used instead of galvanized material in the construction of this type of pan. One year's data at Laredo indicate that evaporation losses from the galvanized and stainless steel pans are practically the same. The stainless steel pan is highly resistant to corrosion and will have a much longer life than the galvanized pan.

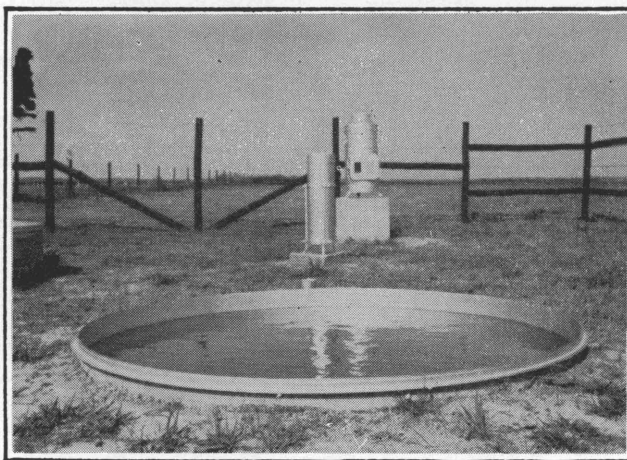
If pan evaporation could be reduced to an amount equivalent to that from a lake or reservoir, no reduction factor would be necessary for estimating reservoir evaporation from pan measurements. Experiments with the Young screen pan under different climatic conditions in Southern California and elsewhere indicated a conversion coefficient of near unity.

BUREAU OF PLANT INDUSTRY EVAPORATION PAN

TEXAS BOARD OF WATER ENGINEERS IN COOPERATION WITH U.S. DEPT. OF AGRICULTURE, DIVISION OF IRRIGATION AND TEXAS AGRICULTURAL EXPERIMENT STATION



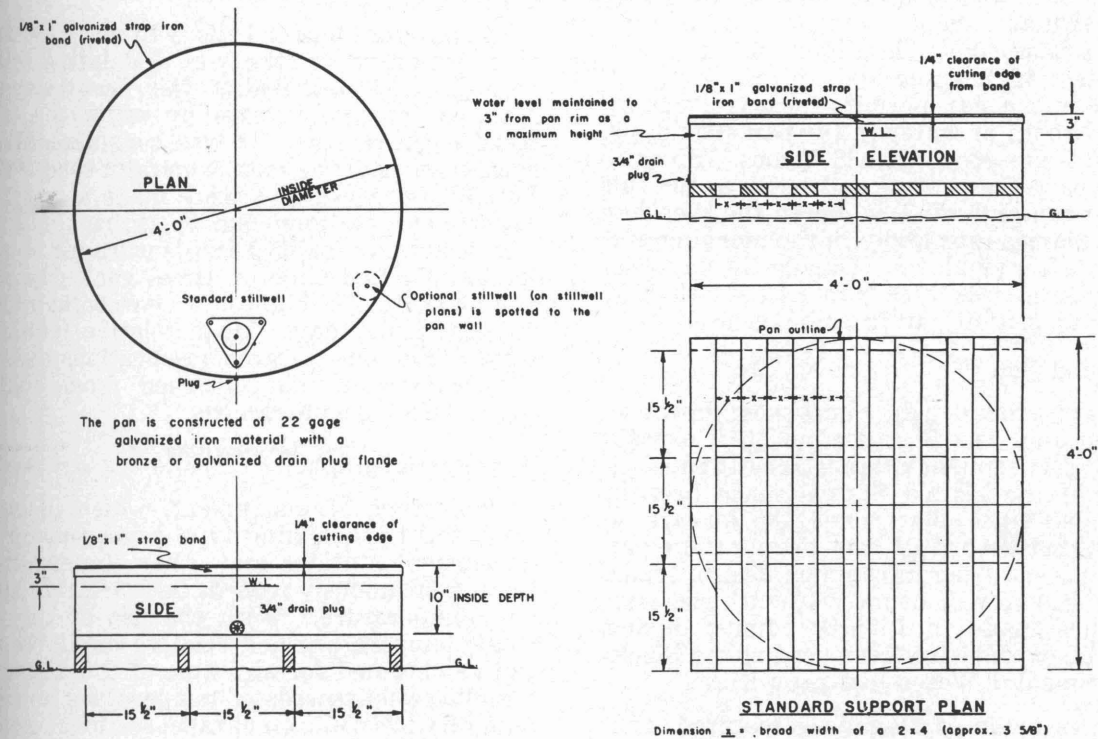
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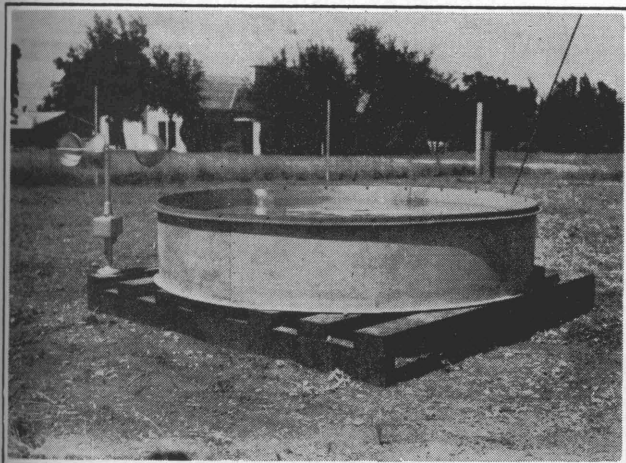
A standard installation and maintenance of a Bureau of Plant Industry type of evaporation pan.

Figure 3. Plans and specifications for a Bureau of Plant Industry evaporation pan.

U.S. WEATHER BUREAU STANDARD EVAPORATION PAN
 TEXAS BOARD OF WATER ENGINEERS IN COOPERATION WITH U.S. DEPT. OF AGRICULTURE, DIVISION OF IRRIGATION
 AND
 TEXAS AGRICULTURAL EXPERIMENT STATION



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A standard installation of the Weather Bureau type of evaporation pan at one of the cooperating stations. The anemometer is supported on a wooden platform in the northwest corner and the center of the cups are approximately 1.75 feet above ground surface.

Figure 4. Plans and specifications for a Weather Bureau Class A evaporation land pan.

Weather Bureau Pan

The Weather Bureau type pan first came into use in the Western States about 1916. Evaporation records from using this pan are the most numerous of any single type of pan now used in the West. As a result, these records are valuable for comparative study.

The Weather Bureau pan is 4 feet in diameter by 10 inches deep and mounted on a set of 2 x 4-inch timbers that permit circulation of air beneath the pan, as shown in Figure 5. The pan is constructed of 22-gage galvanized iron. A stilling well in the pan permits measurement by hook gage. Depth of water in the pan should not be less than 7 nor more than 8 inches. Since it is exposed above the ground and receives the full effect of the sun and wind, water in the Weather Bureau pan warms up rapidly in the morning and cools rapidly after sundown. During the daytime, evaporation from this type pan exceeds that of any other evaporation pan in common use.

Square Ground Pan

The square ground pan, sometimes known as the Colorado pan, was first used at the Colorado Agricultural Experiment Station about 1890. In some parts of the United States it has been in continuous use since that time. It appears to have the longest record of any evaporation pan known but has not been in common use in Texas. It was used, however, in connection with rice irrigation studies made in Liberty county during 1901-03. The pan also has been used at the Blacklands Experimental Watershed near Riesel.

The pan is made of 18-gage galvanized iron, 3 feet square by 18 inches deep and set 14 inches in the ground with the water held at ground level, as shown in one of the pictures of Figure 9.

METEOROLOGICAL EQUIPMENT REQUIRED

Since evaporation varies with atmospheric changes, each standardized station should have instruments for recording the influencing meteorologic data, such as wind movement, maximum and minimum temperatures, humidity and precipitation.

Anemometer

The anemometer used for recording wind movement should be set at the northwest corner of the 2 x 4's supporting the Weather Bureau pan where it will not throw shadows on the pan. When only the Young screen pan is used, the anemometer should be installed on the ground and in the same relative location as for the Weather Bureau pan. The center of the anemometer cups should be 21 inches above the surface of the ground.

Thermometers

Thermometers of the recording maximum and minimum Weather Bureau type should be kept

in a standard shelter about 5 feet above the ground. The standardized station should contain a thermograph for continuous temperature recordings but thermometers are essential for periodic checking of the thermograph. From a practical standpoint, recording temperature data to increments less than a full degree is not desirable.

Psychrometer (Whirling Type)

The psychrometer is used to measure the relative humidity of the air. Relative humidity records were obtained at the Texas experiment stations for many years by using the whirling type psychrometer. It was considered the most convenient and the most generally used. Relative humidity observations were made at most of the experiment stations one to three times a day. The relative humidity records were for an approximate specified time or times each day and did not measure the highest or lowest humidity for any particular day. Mean relative humidity obtained from one to three observations daily is not as accurate as that obtained from continuous hygrothermograph records.

Hygrothermograph

This type of instrument, which is gradually replacing the whirling type psychrometer at the experiment stations and other standardized stations, continuously records both relative humidity and temperature. With the use of this instrument, temperature and relative humidity records can be obtained for any time of the day or night. Simultaneous records of temperature and relative humidity are made on parallel sections of the same chart, thus making possible ready comparison of these inversely related functions. The hygrothermograph is placed in a standard instrument shelter along with the maximum and minimum thermometers. The American Section of the International Boundary and Water Commission has adopted the hygrothermograph as its only instrument for recording relative humidity and temperature data.

Rain Gage

A standard 8-inch Weather Bureau type rain gage is used at each of the standardized stations. Records obtained by using this gage are essential in determining actual water losses from evaporation pans.

A continuous recording rain gage also is used at each standardized station. This instrument is useful in recording the intensity and time of rainfall.

Instrument Shelter

The standard instrument shelter adopted is known as a cotton region type. It is used for housing and protecting the maximum and minimum thermometer and the hygrothermograph. The shelter house, 2 feet 6 $\frac{1}{4}$ inches x 1 foot

U. S. DEPT. OF AGRICULTURE (Division of Irrigation) PAN

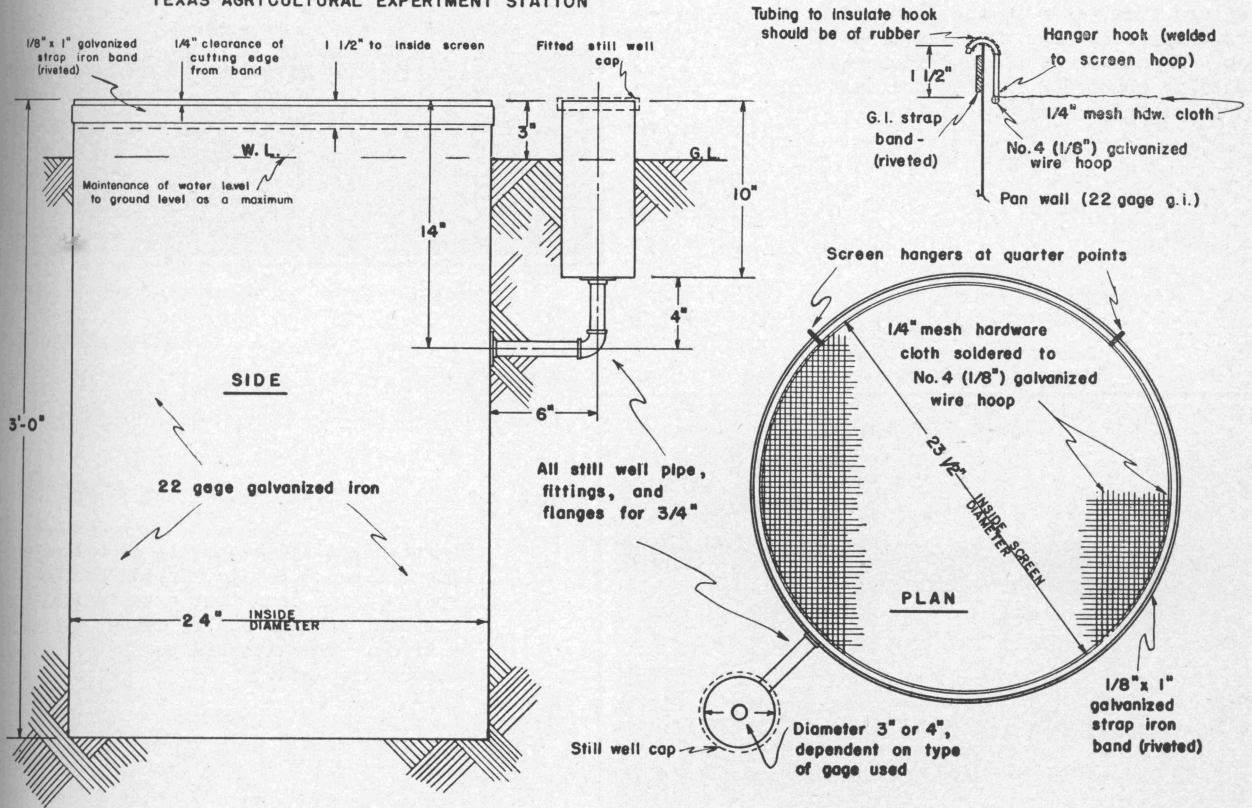
TEXAS BOARD OF WATER ENGINEERS

IN COOPERATION WITH

U. S. DEPT. OF AGRICULTURE, DIVISION OF IRRIGATION

AND

TEXAS AGRICULTURAL EXPERIMENT STATION



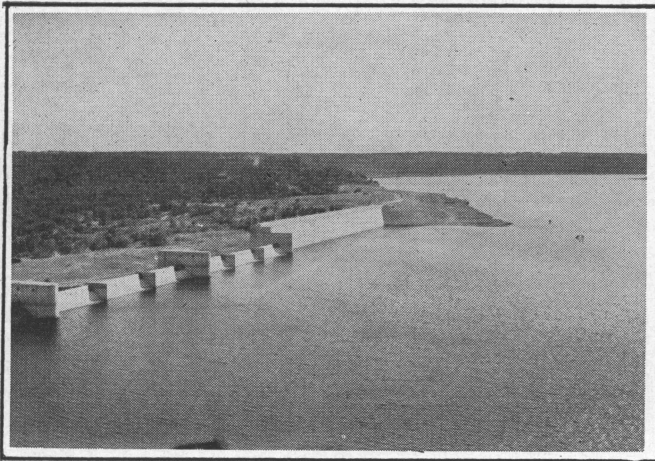
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A standardized installation of a Young (Division of Irrigation) screened ground pan that is installed at one of the cooperating stations. Some minor revisions have been made in the construction of this pan.



Figure 5. Plans and specifications for a Young screen evaporation pan.

A standardized evaporation and meteorological station at Possum Kingdom Dam. This station has good exposure to any factors from water in the lake and it is about 15 feet above spillway crest of dam. A portion of the dam (concrete wall) is about 200 feet to the east and 25 feet higher than the station.



The standardized evaporation station at Possum Kingdom Dam is located on the projection of land that extends into the lake near the far end of dam as indicated by arrow. The exposure to the natural elements is good.

A standardized evaporation and meteorological station at Buchanan Dam. The station is well exposed to any factors occurring from the lake waters which might influence evaporation losses in the pans.

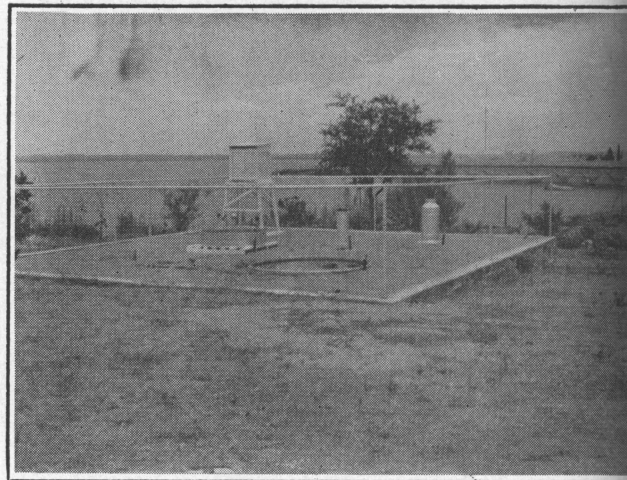


Figure 6. Standardized evaporation stations adjacent to lakes.

3/4 inches and 2 feet 8 inches high, is a wooden box consisting of louvered sides. The louvered sides allow freedom of air movement throughout the box at all times. The box is supported upon a strong rigid wooden stand 4 feet above the ground and firmly anchored in the ground to prevent the house from toppling over during hard windstorms. The standard height of the house is 6 feet 9 inches above ground and the latticed floor supporting the hygrothermograph is 4 feet 6 inches above ground. The thermometers are usually about 1 foot from the floor of the box. The standard location for the instrument shelter is in the northwest corner of the station area.

The purpose of the shelter is to screen off the direct and reflected sunshine and the radiation to and from the sky, as well as protecting the instruments from tampering and vandalism.

Wind Direction Vane

Wind direction vanes are not standard equipment but some stations have been equipped with them.

Fence Enclosure

Some protection is necessary for the open type of evaporation pans and the meteorological instruments. A woven wire fence enclosure is necessary to prevent animals from drinking water in the pans and thereby making the evaporation records inaccurate. It is not necessary, however, to install a rodent or animal proof fence where only the Young screen pan is used, since the wire mesh screen prevents any losses by animals.

STANDARDIZED EVAPORATION AND METEOROLOGICAL STATIONS

The Texas Board of Water Engineers first recognized the need for better and comprehensive evaporation data in 1941. An era of construction of large impounding lakes or reservoirs was initiated about this time, creating a demand for more accurate and reliable data on evaporation losses from free-water surfaces. Coefficients for conversion of evaporation losses from various pans used in Texas to losses from lake surface were not available. Coefficients were being applied from data obtained in California or Colorado which were not necessarily applicable to conditions in Texas. At that time, the types of pans being used and their exposures and settings varied widely.

Under cooperative agreements entered into by the Texas Board of Water Engineers with the Texas Agricultural Experiment Station, Soil Conservation Service of the U. S. Department of Agriculture, Lower Colorado River Authority, Brazos River Authority, Dow Chemical Company, Water Department of the City of Wichita Falls, and Maverick County Water Control and Improvement District No. 1, progress is being made in the standardization of all evaporation and

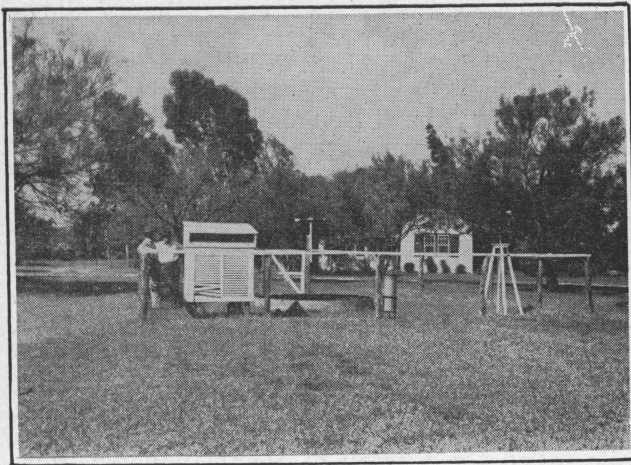
climatological stations at the various Texas experimental substations and at many other places in the State. Figure 1 shows the location of all cooperatively operated stations, those established and operated by the U. S. Weather Bureau and those established and operated by the American Section, International Boundary and Water Commission.

Prior to the standardization of evaporation stations in Texas, little attention was paid to the importance of using standard equipment or to standard installation. In some instances, the site of the station did not give the proper exposure to all of the instruments even when the station was established. After a few years, trees and shrubbery grew up around other locations, changing exposure conditions and affecting evaporation losses. The most common evaporation pan used, while called the Bureau of Plant Industry type, did not conform to the BPI pan specifications. Although the standard size is 72 inches in diameter by 24 inches deep, some of the pans ranged from 54 to 120 inches in diameter and from 20 to 24 inches in depth. In one instance, a 3-inch layer of concrete was placed in the bottom of the pan to eliminate leakage. Some of the pans were installed with the top rim as much as 11 to 14 inches above the ground—the standard installation is 3 inches above the ground surface. Also, some of the top rims were covered with chicken wire netting or other type of small fencing to prevent rabbits, dogs or other animals from drinking water from pans. The top rim, according to specifications, is unobstructed by netting, grass or other obstacles. In some pans, the top rim was reinforced by iron pipe extending around the pan which prevents the equal apportioning of rainfall entering the pan and on the ground. Figures 7 and 8 show a typical installation of instruments and equipment before and after standardization.

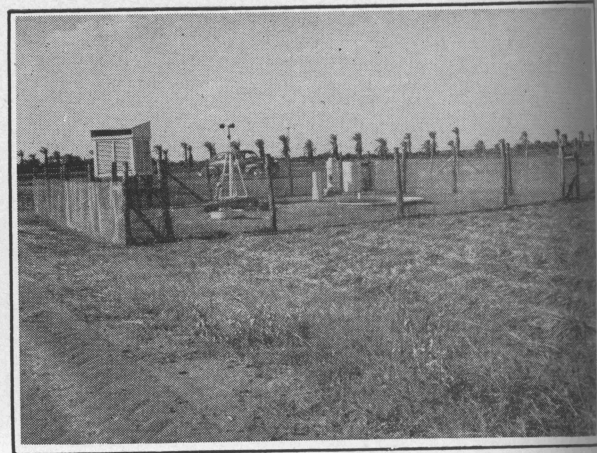
Most of the anemometer installations were about 6 feet above the ground. However, there was one instance where the anemometer was nearly 19 feet above the ground surface, as shown in one of the pictures of Figure 11. The standard Weather Bureau specification, and the one adopted at standardization stations, specify that the center of the anemometer cups should be 21 inches above the ground. Studies in Texas and elsewhere have indicated considerable difference in wind movement at various distances above the ground.

The height of the floor of the instrument shelter house at many of the stations ranged from 14 to 36 inches above the ground. At a standardization station, the floor of the shelter is 52 inches above the ground. Elevations have some influence on temperature.

The first standardized evaporation station using one to three different types and sizes of pans was established at Buchanan Dam in 1943 in cooperation with the Lower Colorado River Authority. A standardized station layout, shown



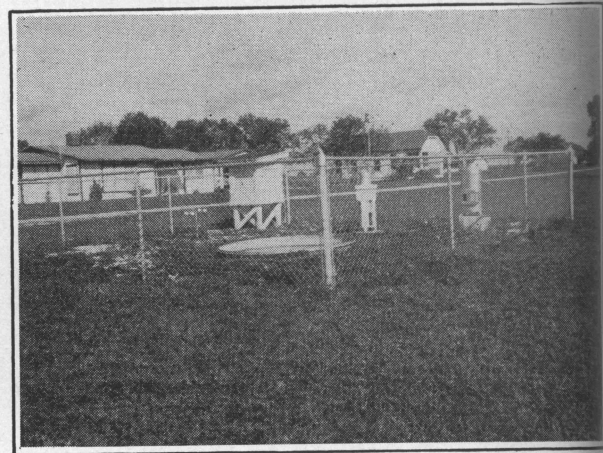
Before Standardization



After Standardization



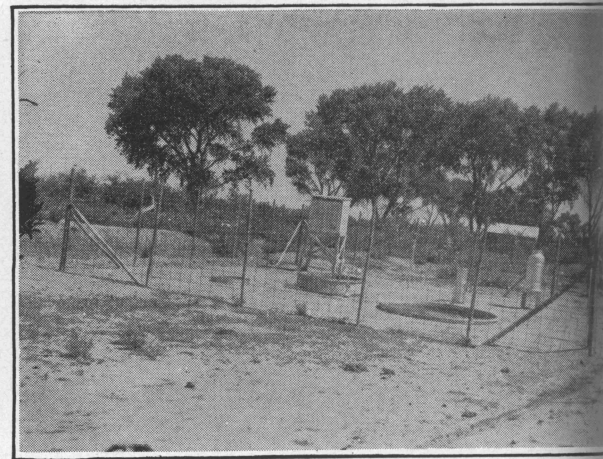
Before Standardization



After Standardization



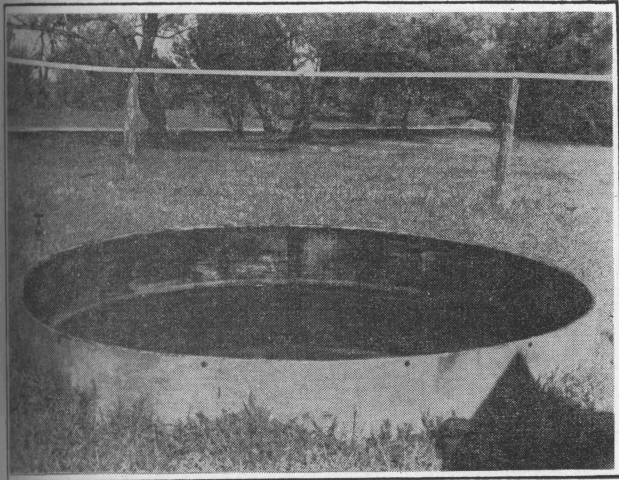
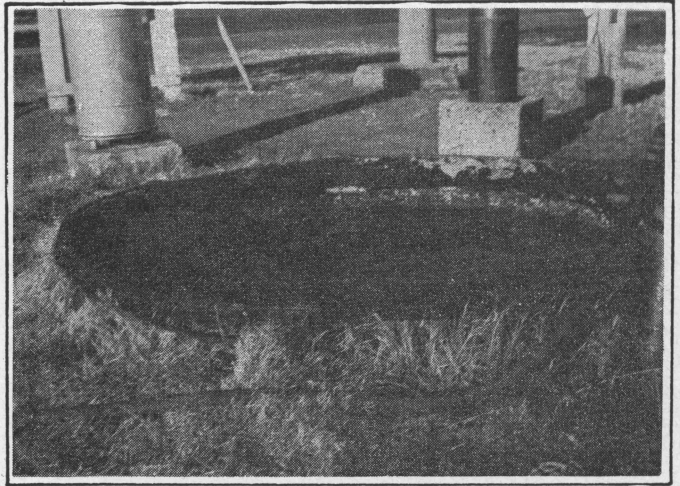
Before Standardization



After Standardization

Figure 7. Evaporation stations at the Texas agricultural experiment stations before and after standardization.

An installation of a Bureau of Plant Industry type of pan that has been used at one of the experiment stations. This station has since been standardized. The pan was badly rusted and corroded and many holes are noticeable at ground level or below. A wire screen was spread across the pan and sagged about 12" below upper rim of pan. All of the instruments and equipment were not protected with an enclosure. The wire screen was supposed to prevent animals and other obstacles affecting the evaporation losses.



The installation of a Bureau of Plant Industry evaporation pan at one of the cooperating stations before the removal and standardization of another well exposed location. The rim of the pan was 14" above the level of the ground to prevent small animals, toads, snakes, etc. from entering the pan. Note water faucet to supply water for replenishing water lost by evaporation.

An installation of a Bureau of Plant Industry evaporation pan at one of the stations before standardization. The wire fencing and improper installation influence evaporation losses from this type of pan.

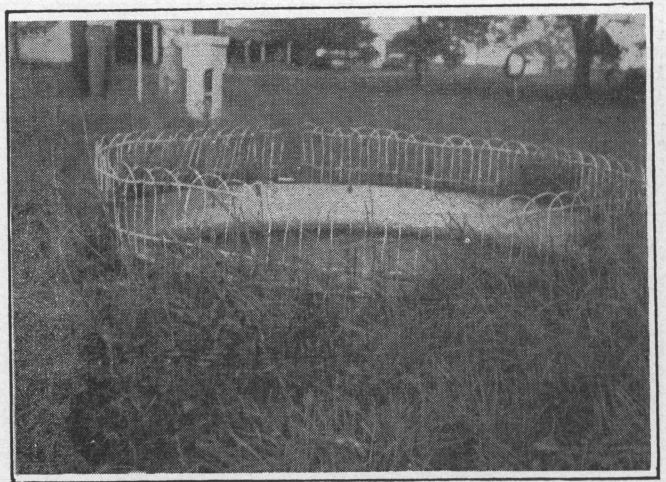
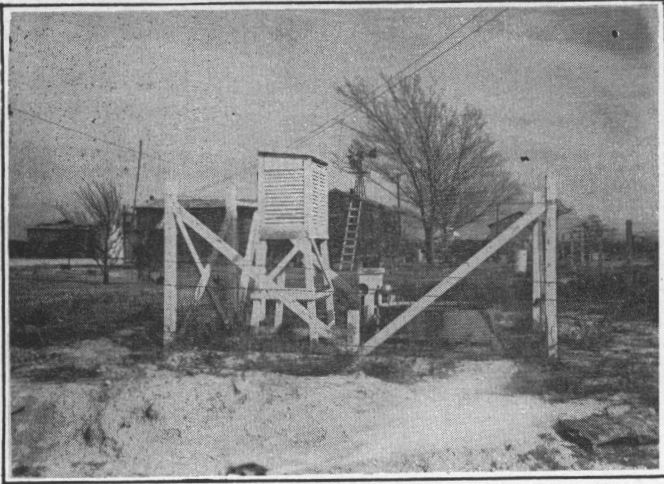
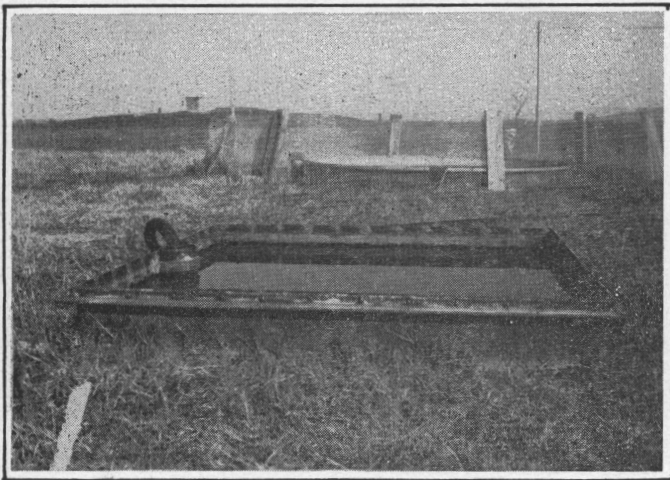
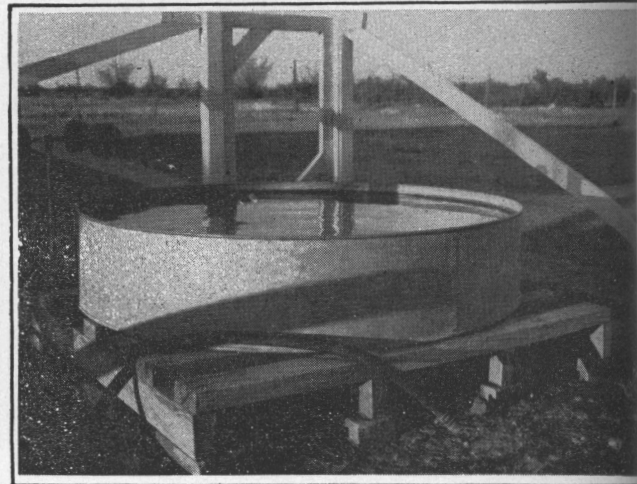


Figure 8. Improper installations of a Bureau of Plant Industry evaporation pan at several of the Texas agricultural experiment stations.



A good standardized Weather Bureau Class A evaporation station. The station consists of Weather Bureau pan, anemometer, standard rain gage, and shelter containing maximum and minimum thermometers and in some places a sling psychrometer.

A Weather Bureau type of pan and installation at one of the more recent stations in Texas. The specifications call for a sharp rim on the pan; instead this one has a rounded rim about 3/8" in diameter.



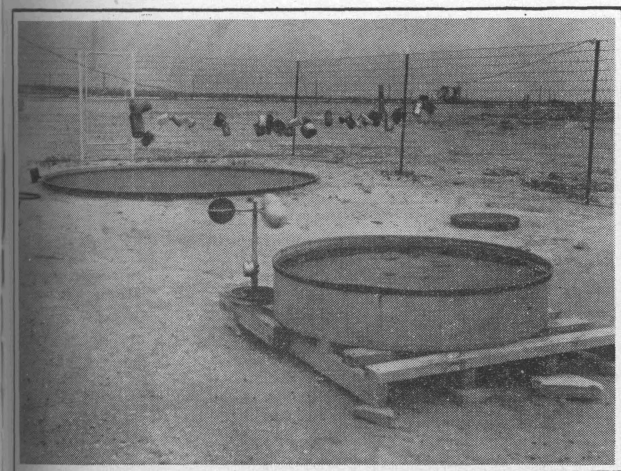
A Colorado type of evaporation pan that is used at one of the cooperative (State-Federal) experiment stations in Texas. The pan is 30" square and 30" deep. Note the improper installation of the Bureau of Plant Industry evaporation with the wire fencing surrounding it.

Figure 9. Installation of the Weather Bureau Class A and Colorado types of evaporation pans in Texas.

One of the two 12-foot diameter by 3 feet deep ground pans installed in Texas by the International Boundary in determining evaporation losses and a coefficient to apply to a Young screen ground pan, 2 feet diameter by 3 feet deep. The evaporation losses from the larger pan are approximately the same as for 85-foot diameter pan and from free water surfaces of lakes, ponds, reservoirs, etc. The coefficient for the 12-foot pan is considered unity (1.00) in the Texas evaporation studies. This installation is located at Fort McIntosh, Laredo.



Determination of evaporation and coefficients as applicable to the Young screen ground pan (small pan in ground) and Weather Bureau pan (on wooden support) using the 12-foot pan (larger pan) as evaporation losses from free water surface and a coefficient of unity (1.00). This installation was made by the International Boundary Commission at Dryden. The tin cans suspended on wire across fenced enclosure are used to frighten away birds who drink considerable water from the pans, especially in this area where rainfall is small and poils are scarce.



A typical installation of three different types of evaporation pans used at 15 standardized cooperative stations in Texas for the determination of coefficients. The nearest ground pan in the picture is the Bureau of Plant ;Industry Pan (6' diameter x 2' deep; coefficient .92 to .94). The Weather Bureau pan (4' diameter x 10" deep; coefficient .74 to .77) is supported on a wooden platform. The Young screen ground pan (2' diameter x 3' deep; coefficient .96 to .98) is shown on other side of the Bureau of Plant Industry Pan.

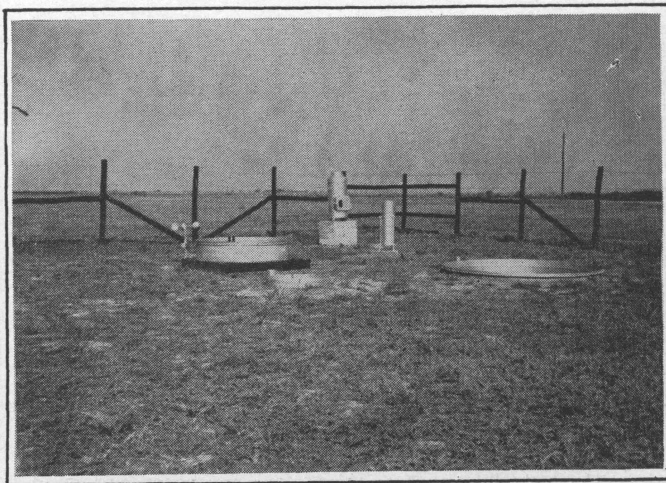
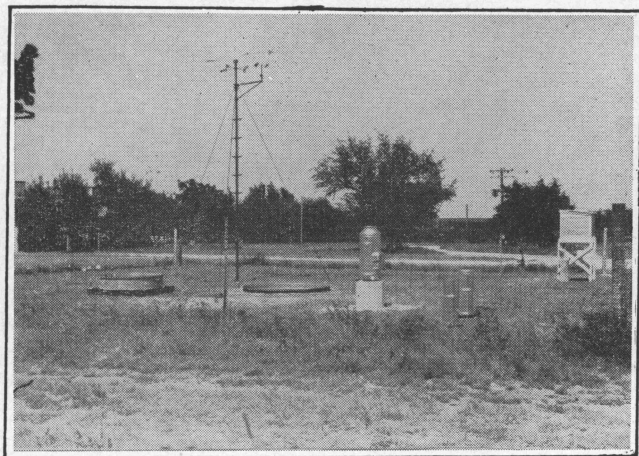
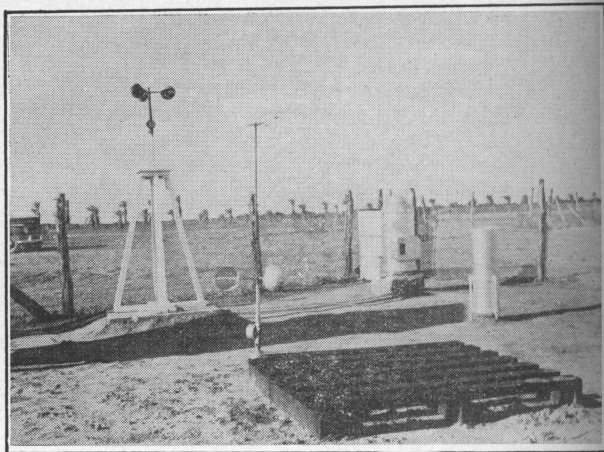


Figure 10. Various pans used in Texas for the determination of coefficients to be applied for evaporation losses from free-water surfaces.

The installation of anemometer No. 1 of approximately 6 feet above ground surface has been standard at most of the experiment stations for many years. The standard Weather Bureau installation (No. 2 anemometer) is 1.75 feet above ground. A study showed No. 1 anemometer recorded an annual movement of 50,092 miles as compared to 24,215 miles for No. 2 anemometer. The No. 2 installation has been adopted at all standardized evaporation stations. The Weather Bureau pan has not been installed on wooden platform at time picture was taken.



The installation of No. 1 anemometer at this particular station was 18.25 feet above ground while anemometer No. 2 was the standard installation of 1.75 feet above ground. During a six month study the No. 1 anemometer recorded 30,810 miles as compared to 14,370 miles recorded by No. 2 anemometer.

The installation of No. 1 anemometer at this particular station is approximately 5.5 feet above the ground while No. 2 anemometer is installed at the standard height of 1.75 feet (center of cups) above the ground. A study was carried on at this station and No. 1 anemometer recorded a total annual wind movement of 29,311 miles as compared to 20,094 miles for No. 2 anemometer.



Figure 11. Installation of anemometers for recording wind movement at various elevations above ground surface and stressing the importance of recognized standard installation.

in Figure 2, was adopted after consultations with recognized authorities on evaporation. Figure 6 also shows standardized stations at some of the larger lakes in Texas. Specifications adopted by the Weather Bureau for the installation of a Class "A" evaporation station, Figure 9, were considered in the plan of the standardized station for Texas.

COEFFICIENTS

The usefulness of evaporation coefficients is better understood when it is recognized that evaporation from small water surfaces is greater than the loss from larger areas. The relation of evaporation from a given size or type of pan to evaporation from a larger body of water is designated as a coefficient or ratio. This ratio is variable according to the integrated effect of the meteorological factors on the different pans. It is usually higher in summer than in winter.

Coefficients are useful for the reduction of depth of evaporation from a small pan to reservoir evaporation. Average annual coefficients usually are less variable than are monthly coefficients.

The coefficient for various pans used in California studies (5, 6) based on evaporation from a 12-foot pan and from an 85-foot diameter reservoir are:

TYPE	COEFFICIENT
Bureau of Plant Industry pan (circular, in ground)	0.94
Colorado pan (square, in ground)	0.89
Weather Bureau pan (circular, on surface of ground)	0.77
Young screen pan (circular, screened, in ground)	0.98

Coefficients have been determined for the Bureau of Plant Industry and Weather Bureau pans at 15 standardized stations in Texas by comparison with the evaporation losses from the Young screen pan, which is considered to give about the same evaporation losses as occur from a free-water or lake surface. The different types of pans used for determining coefficients are shown in Figure 10.

TABULATED DATA

The main purpose of the following tables is to have available complete evaporation and rainfall records that are useful in determining the evaporation losses for various locations in Texas. Some of the data have been published in Texas Agricultural Experiment Station bulletins (4, 7), in reports of the Weather Bureau (8) and in reports of the International Boundary and Water Commission (9, 10). Many of these publications are not readily available for general use. This bulletin is a consolidation of all available evaporation and associated rainfall data obtained by federal, state and other agencies. The data obtained at the cooperative stations, which heretofore have not been published, are incorporated in the main body of the publication. Data previously published by the

Weather Bureau and the International Boundary and Water Commission are incorporated in the appendix in Tables 61-90.

Summarized Meteorological Data

Table 1 contains evaporation, precipitation, temperature, relative humidity and wind movement data obtained at the experiment stations and data obtained at other locations in cooperation with federal, state, municipal and industrial agencies.

Evaporation Data

Tables 2-29 contain recorded monthly and annual evaporation losses from the Bureau of Plant Industry type of pan, unless otherwise specified, used at the various experiment stations and other cooperative stations in Texas.

The data include all available records from the first establishment of the stations through 1953. Some of the data have not been available nor published in previous reports.

Rainfall Data

Monthly and annual rainfall, being closely associated with evaporation losses from free-water surfaces, are included. Tables 30-58 contain all recorded rainfall data obtained at or near the location of evaporation stations.

Evaporation Coefficients

Table 59 contains mean monthly and annual evaporation losses for the three different types of pans used at the standardized evaporation stations located at the various experiment stations, and coefficients to apply for the Bureau of Plant Industry and Weather Bureau pans.

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- (4) Karper, R. E. Rate of water evaporation in Texas. *Texas Station Bulletin* 484, 27 pp. illus. 1933.
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- (8) Climatological Data (monthly and annual). U. S. Department of Commerce, Weather Bureau.
- (9) Flow of the Rio Grande and related data. *Water bulletins*, Department of State.
- (10) International Boundary and Water Commission, United States and Mexico.

Table 1. Mean Monthly and Annual Meteorological Data for Stations from which Evaporation Records are available.

	LENGTH OF RECORD YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
AMARILLO													
Evaporation - B.P.I. Pan (Inches)	2(1)	2.50	3.74	5.72	7.67	8.56	11.19	11.32	9.36	6.88	6.26	3.62	2.53
Evaporation - Y Pan (Inches)	3(1)	3.16	4.03	6.83	8.62	9.77	10.98	12.08	9.97	8.66	6.96	4.13	2.41
Evaporation - W.B. Pan (Inches)													
Experiment Station	26	-	-	-	7.64	9.28	10.87	11.12	10.17	7.85	-	-	-
Standardized Station	3	3.42	4.16	7.37	9.47	11.26	13.12	13.10	11.22	8.95	7.14	3.79	2.45
Rainfall (Inches)													
Amarillo W.B. Station	62	.54	.72	.80	1.56	3.06	2.81	2.61	2.98	2.21	1.76	.95	.71
Expt. Sta. Bushland	15	.55	.38	.41	1.30	2.91	2.53	2.51	2.57	1.68	2.14	.75	.71
Mean Maximum Temperature (Deg F)	15	51	56	65	72	80	89	91	90	85	74	61	53
Mean Minimum Temperature (Deg F)	15	23	26	30	40	50	60	63	62	54	44	31	25
Mean Relative Humidity (Percent)	14	60	58	48	49	54	50	50	50	51	52	53	59
Wind Movement (Miles)(2)	15	5,203	5,296	6,517	6,150	5,720	5,459	4,688	4,461	4,774	4,571	4,541	4,865
ANGLETON													
Evaporation - B.P.I. Pan (Inches)													
Experiment Station	39	1.71	1.97	3.08	3.89	4.84	5.36	5.32	5.13	4.30	3.64	2.45	1.89
Standardized Station	2	2.86	2.52	3.24	5.16	5.27	6.90	6.82	5.42	6.04	5.06	3.00	2.70
Evaporation - Y Pan (Inches)	2(1)	3.10	2.19	2.46	4.16	4.33	5.64	5.87	4.74	5.22	5.31	3.00	3.16
Rainfall (Inches)	39	3.56	3.13	3.37	2.97	4.01	3.99	5.29	4.62	4.83	3.90	3.69	4.58
Mean Maximum Temperature (Deg F)	39	65	68	72	78	84	90	91	92	89	83	74	68
Mean Minimum Temperature (Deg F)	39	45	47	51	58	65	71	72	72	68	59	50	46
Mean Relative Humidity (Percent)	39	84	82	80	80	80	79	80	80	81	79	80	84
Wind Movement (Miles)(2)	35	3,726	3,601	4,352	3,926	3,332	2,572	2,120	1,961	2,046	2,312	2,796	3,255
BALMORHEA													
Evaporation - B.P.I. Pan (Inches)													
Experiment Station	38	2.48	3.41	5.58	6.92	8.10	8.67	8.42	7.73	5.85	4.54	3.10	2.31
Standardized Station	4	4.25	4.24	6.84	8.96	9.90	10.86	9.90	9.58	7.34	5.67	3.91	3.47
Evaporation - Y Pan (Inches)	4(1)	4.60	4.51	6.96	8.99	10.01	10.80	9.63	9.43	7.70	5.76	4.26	3.72
Evaporation - W.B. Pan (Inches)	3(1)	5.47	5.54	9.02	10.86	12.52	13.07	11.56	11.61	9.24	6.70	4.25	4.04
Rainfall (Inches)	38	.60	.50	.39	.69	1.19	1.41	1.68	1.77	1.97	1.44	.56	.59
Mean Maximum Temperature (Deg F)	38	62	68	75	82	89	96	95	94	89	81	70	63
Mean Minimum Temperature (Deg F)	38	31	35	40	48	57	65	67	66	60	51	38	32
Mean Relative Humidity (Percent)	38	63	56	49	47	51	53	58	62	66	65	62	63
Wind Movement (Miles)(2)	38	2,672	2,933	3,684	3,470	3,354	2,968	2,554	2,207	2,044	2,108	2,143	2,398
BEAUMONT													
Evaporation - B.P.I. Pan (Inches)													
Experiment Station	37	2.16	2.32	3.43	4.34	5.30	5.64	5.63	5.50	4.52	3.85	2.76	2.15
Standardized Station	4	2.81	2.06	3.38	4.36	5.90	6.50	6.94	6.43	5.22	4.76	3.55	2.63
Evaporation - Y Pan (Inches)	4(1)	2.41	2.04	3.10	3.48	5.20	5.23	4.85	5.58	4.43	4.67	3.39	4.07
Evaporation - W.B. Pan (Inches)	4(1)	3.85	2.88	4.43	5.41	7.23	8.16	8.97	8.20	6.28	5.73	3.88	3.41
Rainfall (Inches)													
W.B. Station	71	4.12	3.96	3.47	3.97	4.72	4.62	5.46	5.12	3.93	3.17	4.08	5.01
Experiment Station	37	4.94	4.21	3.75	4.13	4.86	4.80	5.55	4.47	4.78	3.61	4.58	5.38
Mean Maximum Temperature (Deg F)	37	63	67	71	78	84	90	92	92	88	82	72	65
Mean Minimum Temperature (Deg F)	37	44	47	52	58	65	72	73	73	68	59	49	45
Mean Relative Humidity (Percent)	37	84	83	81	81	81	80	82	82	83	82	82	84
Wind Movement (Miles)(2)	35	4,003	3,949	4,800	4,453	3,738	2,864	2,311	2,140	2,274	2,529	3,151	3,612
BEEVILLE													
Evaporation - B.P.I. Pan (Inches)	39	2.45	2.82	4.46	5.31	6.28	7.05	7.49	7.37	5.58	4.56	3.22	2.52
Rainfall (Inches)	39	2.02	1.54	2.21	2.12	3.38	2.92	2.93	1.96	3.73	2.33	2.02	2.36
Mean Maximum Temperature (Deg F)	39	66	70	76	82	87	92	95	96	91	85	75	68
Mean Minimum Temperature (Deg F)	39	45	48	53	60	66	71	73	73	70	61	52	47
Mean Relative Humidity (Percent)	39	83	82	79	79	80	79	78	75	78	78	79	81
Wind Movement (Miles)(2)	39	4,852	4,740	5,885	5,479	4,817	4,050	3,716	3,604	3,277	3,348	3,893	4,237
BIG SPRING													
Evaporation - B.P.I. Pan (Inches)	38	-	-	-	7.58	8.77	10.15	10.63	9.99	7.42	-	-	-
Rainfall (Inches)	38	.64	.70	.98	1.54	2.72	2.19	1.77	2.06	2.10	1.96	.86	.80
Mean Maximum Temperature (Deg F)	38	56	62	69	79	86	93	95	95	87	78	65	57
Mean Minimum Temperature (Deg F)	38	28	32	39	49	58	67	70	69	62	52	38	30
Wind Movement (Miles)(2)	35	3,099	3,331	4,390	4,061	3,514	3,462	2,963	2,710	2,557	2,513	2,518	2,831

Table 1. Mean Monthly and Annual Meteorological Data for Stations from which Evaporation Records are available.-- Continued

	LENGTH OF RECORD YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
BLACKLANDS EXPERIMENTAL WATERSHED														
Evaporation - B.P.I. Pan (Inches)	14	2.52	2.99	5.05	5.72	6.32	8.04	8.83	8.98	7.62	5.71	4.10	2.82	68.70
Experiment Station 1940-1942	3	2.42	3.02	6.17	5.29	6.60	8.15	8.33	8.64	6.80	5.00	4.02	2.35	66.79
Evaporation - Colorado Pan (Inches) 1940-1942	3	2.83	3.45	7.14	5.75	7.76	8.18	9.64	10.15	8.22	5.85	4.00	2.99	75.96
Evaporation - W.B. Pan (Inches) 1940-1942 (5)	3	2.87	3.86	8.12	7.06	8.83	9.62	10.99	11.28	8.92	6.41	4.39	3.35	85.70
Rainfall (Inches)	16	2.34	2.64	2.74	4.03	4.78	3.32	1.65	1.49	2.32	2.04	2.83	2.89	33.07
Mean Maximum Temperature (Deg F)	10	60	64	71	78	84	91	94	96	90	81	69	62	78
Mean Minimum Temperature (Deg F)	10	39	42	48	55	63	70	73	72	66	57	46	42	56
Mean Relative Humidity (Percent)	16	77	75	69	72	75	75	73	69	69	67	70	75	72
Wind Movement (Miles) (2)	11	6,394	5,804	7,025	6,465	5,453	5,515	4,679	4,930	4,250	4,847	5,397	5,908	66,667
(3)	5	4,077	4,215	4,949	4,155	3,253	2,929	3,068	3,224	2,712	2,892	3,655	3,632	42,761
BUCANAN DAM														
Evaporation - B.P.I. Pan (Inches)	11(1)	1.93	2.58	4.49	5.60	6.62	8.75	9.76	9.75	6.67	5.08	3.43	2.37	67.03
Evaporation - Y Pan (Inches)	11(1)	2.33	2.52	4.44	5.30	6.05	7.97	8.97	9.30	6.40	4.95	3.75	2.76	64.74
Evaporation - W.B. Pan (Inches)	11(1)	2.87	3.28	5.85	7.22	8.16	10.44	11.54	11.55	7.84	6.10	4.19	2.93	81.97
Rainfall (Inches)	11(1)	1.74	1.95	1.76	3.79	3.11	1.91	1.32	2.25	4.02	1.61	1.32	1.94	26.72
Mean Maximum Temperature (Deg F)	11(1)	61	62	70	78	84	93	96	96	89	82	70	63	79
Mean Minimum Temperature (Deg F)	11(1)	36	39	45	53	61	69	71	71	65	56	44	36	54
Wind Movement (Miles)(3)	11(1)	2,373	2,259	2,860	2,875	2,428	2,685	2,559	2,480	2,014	1,882	2,414	2,387	29,216
HILLICOTHE														
Evaporation - B.P.I. Pan (Inches)	42	2.21	2.90	5.14	6.57	7.71	9.10	9.78	9.37	6.74	4.69	3.02	2.15	69.38
Rainfall (Inches)	50	.86	.94	1.38	2.42	3.69	3.36	2.08	2.19	2.63	2.89	1.26	1.15	24.85
W.B. Station Experiment Station	42	.87	.96	1.32	2.40	3.80	2.96	1.86	2.20	2.86	2.88	1.18	1.10	24.39
Mean Maximum Temperature (Deg F)	40	53	59	68	77	84	93	97	97	88	78	64	55	76
Mean Minimum Temperature (Deg F)	40	28	32	39	49	59	68	71	70	63	52	39	31	50
Mean Relative Humidity (Percent)	37	71	66	59	56	61	57	54	55	62	64	66	71	62
Wind Movement (Miles)(2)	41	4,753	5,121	6,570	6,299	5,876	5,425	4,262	3,849	3,769	3,904	4,198	4,403	58,429
COLLEGE STATION														
Evaporation - B.P.I. Pan (Inches)	36	2.14	2.42	3.87	4.56	5.64	6.65	7.19	7.13	5.47	4.40	3.05	2.31	54.83
Rainfall (Inches)	66	3.30	2.90	2.91	3.73	4.90	3.17	2.54	2.40	2.78	2.90	3.42	3.82	38.77
W.B. Station Experiment Station	38	3.40	3.05	3.00	3.74	5.15	3.15	2.77	2.38	2.64	3.13	3.18	3.68	39.27
Mean Maximum Temperature (Deg F)	38	61	66	72	79	86	92	96	97	90	83	71	63	80
Mean Minimum Temperature (Deg F)	38	41	44	50	57	64	70	72	72	67	58	48	43	57
Mean Relative Humidity (Percent)	38	85	83	80	80	81	79	78	77	80	81	83	85	81
Wind Movement (Miles)(2)	38	3,726	3,476	4,199	3,524	3,082	2,602	2,402	2,363	2,356	2,555	3,092	3,374	36,751
DALEART														
Evaporation - B.P.I. Pan (Inches)	40	-	-	-	6.88	8.42	9.40	9.93	8.84	7.09	-	-	-	-
Rainfall (Inches)	46	.29	.40	.66	1.65	2.81	2.73	2.54	2.66	1.50	1.66	.53	.45	17.88
Mean Maximum Temperature (Deg F)	40	48	52	59	69	77	87	91	89	83	72	59	48	70
Mean Minimum Temperature (Deg F)	40	17	20	27	38	48	58	62	61	53	40	27	19	39
Mean Relative Humidity (Percent)	20	-	-	-	51	54	52	51	56	58	-	-	-	-
Wind Movement (Miles)(2)	31	4,197	4,478	5,617	5,758	5,239	4,213	3,618	3,186	3,650	3,787	3,858	3,948	51,549
DENTON														
Evaporation - B.P.I. Pan (Inches)	36	1.69	2.29	4.03	4.93	5.54	7.02	7.89	7.85	5.87	4.28	2.87	1.92	56.18
Rainfall (Inches)	37	2.00	2.31	2.40	3.70	4.68	3.11	2.17	2.05	2.36	3.11	2.10	2.34	32.33
Mean Maximum Temperature (Deg F)	37	56	61	69	77	83	91	95	97	90	80	67	58	77
Mean Minimum Temperature (Deg F)	37	33	37	43	52	60	69	72	72	65	54	42	35	53
Mean Relative Humidity (Percent)	37	76	72	68	69	73	68	64	62	67	68	72	75	70
Wind Movement (Miles)(2)	37	5,287	5,507	6,780	6,359	5,384	4,960	4,100	3,924	4,068	4,387	4,774	4,870	60,400
IOWA PARK														
Evaporation - B.P.I. Pan (Inches)	27	1.56	2.08	4.00	5.07	5.97	7.46	8.20	7.79	5.94	4.19	2.59	1.64	56.49
Rainfall (Inches)	63	1.13	1.20	1.74	2.60	4.51	3.44	2.41	2.09	2.56	2.52	1.64	1.54	27.38
W.B. Station Wichita Falls Experiment Station	28	1.24	1.69	2.05	2.55	4.66	3.16	2.39	2.34	2.83	3.51	1.61	1.73	29.76
Mean Maximum Temperature (Deg F)	28	56	62	70	78	85	93	97	98	90	81	67	58	78
Mean Minimum Temperature (Deg F)	28	30	35	41	51	60	69	72	72	64	53	40	33	52
Mean Relative Humidity (Percent)	28	67	65	59	58	62	59	56	55	59	62	63	67	61
Wind Movement (Miles)(2)	28	3,638	3,873	5,103	4,714	3,914	3,893	3,020	2,699	2,716	2,728	3,035	3,138	42,471

Table 1. Mean Monthly and Annual Meteorological Data for Stations from which Evaporation Records are available.- Continued

	LENGTH OF RECORD YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
LAKE KICKAPOO													
Evaporation - B.P.I. Pan (Inches)	6(1)	ice	3.47	5.42	7.75	8.12	10.63	10.03	10.56	8.37	6.16	4.29	3.28
Evaporation - Y Pan (Inches)	6(1)	ice	3.67	5.42	7.59	7.78	10.15	9.76	10.55	8.25	6.45	4.59	3.58
Evaporation - W.B. Pan (Inches)	6(1)	ice	3.80	6.64	10.17	10.99	13.99	12.80	12.78	10.00	7.63	4.99	4.00
Rainfall (Inches)	6(1)	1.12	.96	1.39	1.64	3.93	3.99	3.28	2.61	2.04	2.17	.66	.46
Mean Maximum Temperature (Deg F)	6(1)	51	55	64	74	82	91	95	95	88	78	62	55
Mean Minimum Temperature (Deg F)	6(1)	32	35	41	52	63	73	75	75	66	56	41	34
Mean Relative Humidity (Percent)	3(1)	55	74	63	63	70	67	68	66	67	64	68	67
Wind Movement (Miles)(3)	6(1)	4,853	4,415	5,513	5,456	5,204	5,015	4,020	3,441	3,282	3,671	4,312	4,438
LUBBOCK													
Evaporation - B.P.I. Pan (Inches)													
Experiment Station	37	1.77	2.68	4.94	6.69	7.38	8.65	8.83	8.09	6.02	4.23	2.71	1.81
Standardized Station	4	2.79	3.41	5.57	7.14	8.57	10.46	9.81	8.62	6.88	5.50	3.24	2.57
Evaporation - Y Pan (Inches)	4(1)	3.09	3.43	5.75	7.01	7.57	10.33	8.93	8.15	6.42	5.27	3.41	2.85
Evaporation - W.B. Pan (Inches)	4(1)	3.50	3.91	6.89	8.34	10.57	12.96	10.87	9.41	7.24	6.04	3.66	3.00
Rainfall (Inches)	37	.63	.49	.78	1.17	2.83	2.21	1.91	1.90	2.63	2.05	.63	.60
Mean Maximum Temperature (Deg F)	37	54	60	68	76	83	91	93	93	85	76	64	56
Mean Minimum Temperature (Deg F)	37	26	30	35	44	54	62	65	64	58	47	34	28
Mean Relative Humidity (Percent)	37	66	60	54	50	57	55	55	58	64	66	65	68
Wind Movement (Miles)(2)	37	4,020	4,204	5,554	5,498	5,156	5,105	4,006	3,454	3,566	3,677	3,623	3,690
MANSFIELD DAM													
Evaporation - Y Pan (Inches)	10(1)	2.16	2.48	4.00	4.89	6.17	8.21	9.19	9.50	6.66	5.42	3.85	2.58
Evaporation - W.B. Pan (Inches)	10(1)	2.45	2.75	4.95	5.96	7.35	9.60	10.63	10.41	7.37	5.78	3.76	2.78
Rainfall (Inches)	10(1)	1.62	2.26	2.00	3.77	2.79	2.16	.91	2.05	2.79	1.50	1.92	1.45
Mean Maximum Temperature (Deg F)	10(1)	65	65	74	79	87	94	98	99	92	84	73	65
Mean Minimum Temperature (Deg F)	9(1)	39	40	48	54	62	70	72	72	65	57	47	39
Wind Movement (Miles)(3)	10(1)	1,892	1,726	2,178	2,235	2,134	2,446	1,778	1,752	1,454	1,523	1,753	1,780
NACOGDOCHES													
Evaporation - B.P.I. Pan (Inches)	33	1.56	2.06	3.12	3.89	4.68	5.48	5.83	5.82	4.62	3.67	2.27	1.68
Rainfall (Inches)													
W.B. Station	55	3.93	3.91	4.09	4.80	5.47	3.50	3.89	2.45	2.80	2.98	4.44	5.07
Experiment Station	33	4.67	3.87	4.30	4.80	5.51	3.70	3.98	2.86	2.71	3.05	4.73	5.11
Mean Maximum Temperature (Deg F)	33	59	64	70	78	83	91	93	95	90	82	69	61
Mean Minimum Temperature (Deg F)	33	39	42	47	55	62	69	71	71	66	56	46	41
Mean Relative Humidity (Percent)	33	86	85	81	82	83	81	81	80	82	82	85	86
Wind Movement (Miles)(2)	33	3,167	3,305	3,822	3,086	2,467	1,898	1,682	1,580	1,567	1,842	2,429	2,993
POSSUM KINGDOM DAM													
Evaporation - B.P.I. Pan (Inches)	3(1)	3.15	3.70	5.42	7.18	7.86	11.13	10.75	11.17	8.58	6.25	3.26	2.78
Evaporation - Y Pan (Inches)	3(1)	3.48	3.96	5.39	6.84	7.27	10.95	10.99	11.08	9.31	6.92	3.77	3.22
Evaporation - W.B. Pan (Inches)	2(1)	3.68	4.97	6.90	8.87	9.75	11.84	13.24	14.19	9.74	8.00	4.22	3.40
Rainfall (Inches)	3(1)	.26	.55	1.52	1.90	3.19	2.12	1.09	.89	1.32	2.70	2.09	1.42
Mean Maximum Temperature (Deg F)	3(1)	64	62	68	76	83	95	97	99	92	80	62	56
Mean Minimum Temperature (Deg F)	3(1)	40	40	46	52	60	73	74	74	66	53	42	35
Mean Relative Humidity (Percent)	3(1)	61	56	56	58	60	59	54	50	58	55	63	59
Wind Movement (Miles)(3)	3(1)	2,834	2,932	3,586	3,348	3,347	3,631	2,640	2,411	2,259	2,566	2,605	2,940
PRAIRIE VIEW													
Evaporation - B.P.I. Pan (Inches)	3(1)	2.93	2.89	4.19	5.98	6.61	9.17	7.82	7.65	6.06	5.39	3.61	2.99
Evaporation - Y Pan (Inches)	3(1)	3.28	3.02	4.59	5.42	5.27	7.66	6.66	7.54	5.58	5.64	3.98	3.28
Evaporation - W.B. Pan (Inches)	3(1)	4.08	4.06	5.64	6.94	7.98	9.46	9.19	9.50	7.26	6.09	4.06	3.42
Rainfall (Inches)	3(1)	1.92	3.89	2.66	5.01	4.91	3.27	2.15	1.96	3.38	3.14	3.54	4.11
Mean Maximum Temperature (Deg F)	3(1)	66	64	72	74	81	90	93	96	89	84	68	63
Mean Minimum Temperature (Deg F)	3(1)	48	46	54	55	63	71	74	73	67	62	50	46
Mean Relative Humidity (Percent)	2(1)	70	70	-	74	77	78	74	71	74	75	72	63
Wind Movement (Miles)(3)	3(1)	3,566	3,033	3,446	3,140	2,548	2,072	1,907	1,730	1,519	1,881	2,783	3,026
SAN ANTONIO													
Evaporation - B.P.I. Pan (Inches)	24	2.46	3.03	4.46	5.53	6.51	7.95	9.10	9.19	6.81	5.10	3.16	2.45
Rainfall (Inches)													
W.B. Station	82	1.49	1.60	1.82	2.91	3.21	2.82	2.13	2.30	3.32	2.29	1.87	1.82
Experiment Station	26	2.00	1.82	1.92	2.60	3.86	2.68	2.70	3.98	1.94	1.67	2.29	2.29
Mean Maximum Temperature (Deg F)	26	64	69	75	82	87	93	96	97	91	85	74	66
Mean Minimum Temperature (Deg F)	26	43	47	52	60	67	73	74	74	71	63	52	46
Mean Relative Humidity (Percent)	26	66	64	58	60	62	60	57	61	60	60	62	66
Wind Movement (Miles)(2)	23	2,752	2,880	3,592	3,247	2,955	2,598	2,340	2,416	2,185	2,128	2,402	2,470

Table 1. Mean Monthly and Annual Meteorological Data for Stations from which Evaporation Records are available.- Continued

	LENGTH OF RECORD YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
SONORA														
Evaporation - B.P.I. Pan (Inches)	4(1)	2.94	3.69	5.87	7.41	7.90	10.39	10.06	9.93	7.31	5.80	3.69	2.86	77.85
Evaporation - Y Pan (Inches)	4(1)	3.02	3.82	5.39	6.80	7.43	9.20	9.89	9.54	6.76	5.57	3.93	3.18	74.53
Evaporation - W.B. Pan (Inches)	4(1)	4.03	4.67	7.21	9.35	10.52	12.48	12.85	12.46	8.74	7.10	4.45	3.56	97.42
Rainfall (Inches)	36	1.11	.88	1.27	1.77	3.09	2.70	2.05	1.91	3.08	2.33	.98	1.30	22.47
Mean Maximum Temperature (Deg F)	50	60	64	72	79	84	90	92	93	87	78	67	61	77
Mean Minimum Temperature (Deg F)	50	35	38	44	53	61	67	69	68	64	55	44	37	53
Mean Relative Humidity (Percent)	36	69	67	61	60	66	67	63	63	68	69	69	70	66
Wind Movement (Miles)														
Experiment Station(4)	36	5,210	5,188	6,672	6,622	6,401	6,288	5,491	5,007	4,746	5,032	4,994	4,695	66,346
Standardized Station(3)	4	2,614	2,442	3,152	3,208	3,192	3,478	2,212	2,324	1,818	2,243	2,566	1,892	31,141
SPUR														
Evaporation - B.P.I. Pan (Inches)	38	2.42	3.01	5.14	6.36	7.27	8.74	8.87	8.13	6.06	4.80	3.37	2.49	66.66
Rainfall (Inches)	38	.60	.67	.82	1.88	2.75	2.48	1.99	2.55	2.66	2.28	.81	.77	20.26
Mean Maximum Temperature (Deg F)	38	56	62	70	78	85	93	96	96	88	79	66	58	77
Mean Minimum Temperature (Deg F)	38	26	31	36	46	55	64	67	66	59	48	36	28	47
Mean Relative Humidity (Percent)	37	70	66	61	61	64	62	61	61	68	70	69	70	65
Wind Movement (Miles)(2)	37	4,600	4,957	6,033	6,132	5,847	5,322	4,500	3,884	4,021	4,046	4,356	4,395	58,093
TEMPLE														
Evaporation - B.P.I. Pan (Inches)	39	2.10	2.57	4.16	4.89	5.65	6.92	7.88	7.92	5.92	4.63	3.06	2.23	57.93
Rainfall (Inches)														
Temple W.B. Station	72	2.19	2.27	2.52	4.12	4.60	3.05	2.04	1.90	2.84	2.68	2.91	2.96	34.08
Experiment Station	39	2.56	2.31	2.26	4.13	4.70	2.88	1.90	1.76	3.28	2.66	2.68	2.69	33.81
Mean Maximum Temperature (Deg F)	39	60	65	72	79	85	92	95	96	90	82	70	63	79
Mean Minimum Temperature (Deg F)	39	43	42	54	54	62	72	73	73	66	71	48	39	58
Mean Relative Humidity (Percent)	39	78	76	70	72	74	72	68	67	71	72	75	78	73
Wind Movement (Miles)(2)	39	4,795	4,861	5,994	5,454	4,665	4,270	3,722	3,660	3,344	3,639	4,232	4,468	53,104
TROUP														
Evaporation - B.P.I. Pan (Inches)	18	1.59	2.21	3.49	4.47	5.62	6.78	7.21	7.15	5.45	4.10	2.56	1.82	52.45
Rainfall (Inches)	28	3.26	3.27	3.89	4.81	4.82	2.96	3.40	2.44	2.40	3.14	3.79	4.63	42.80
Mean Maximum Temperature (Deg F)	28	58	61	68	76	82	90	93	94	89	79	68	58	76
Mean Minimum Temperature (Deg F)	28	38	41	48	55	62	70	72	72	67	56	46	39	55
Mean Relative Humidity (Percent)	19	77	75	72	73	76	75	73	73	75	74	75	77	75
Wind Movement (Miles)(2)	19	4,532	4,460	5,581	5,077	4,392	3,677	3,110	3,068	2,919	3,376	3,868	4,435	48,495
TYLER(Lindale)														
Evaporation - B.P.I. Pan (Inches)														
Experiment Station	21	1.83	2.42	3.93	4.63	5.54	6.51	6.84	6.86	5.21	4.00	2.74	2.02	52.53
Standardized Station	3	1.96	2.60	3.76	4.04	5.42	7.06	6.22	6.85	4.73	4.22	2.43	1.89	51.18
Evaporation - Y Pan (Inches)	3(1)	2.08	2.60	3.23	3.67	4.48	5.92	4.98	6.21	4.75	4.25	2.48	2.18	46.83
Rainfall (Inches)	21	4.01	3.72	4.43	4.85	5.50	3.38	3.25	2.67	3.11	4.57	4.73	4.73	46.84
Mean Maximum Temperature (Deg F)	21	58	61	69	76	83	90	93	94	88	80	67	60	76
Mean Minimum Temperature (Deg F)	21	38	41	48	55	62	70	72	72	66	57	46	41	56
Mean Relative Humidity (Percent)	21	79	77	73	74	78	76	76	73	74	75	76	80	76
Wind Movement (Miles)(2)	21	4,101	3,985	4,754	4,111	3,372	2,844	2,394	2,293	2,224	2,474	3,306	3,685	39,543
WESLACO														
Evaporation - B.P.I. Pan (Inches)	22	2.47	2.82	4.26	5.18	5.92	6.57	7.04	6.75	4.91	4.41	3.34	2.40	56.07
Rainfall (Inches)	22	1.64	.93	1.12	1.31	3.12	2.48	1.93	2.82	3.93	1.58	.95	1.49	23.30
Mean Maximum Temperature (Deg F)	22	72	76	81	86	90	93	95	95	91	87	78	74	85
Mean Minimum Temperature (Deg F)	22	51	54	58	65	70	73	74	74	71	64	57	53	64
Mean Relative Humidity (Percent)	21	80	78	75	74	75	74	73	73	77	76	76	80	76
Wind Movement (Miles)(2)	19	2,575	2,450	3,147	3,046	2,814	2,809	2,579	2,275	1,630	1,644	1,953	2,098	29,020
WILLIAM HARRIS RESERVOIR														
Evaporation - B.P.I. Pan (Inches)	5(1)	2.30	2.32	3.95	4.48	5.65	6.56	6.21	6.90	5.25	4.59	3.42	2.28	53.91
Evaporation - Y Pan (Inches)	5(1)	2.21	2.23	3.59	4.11	4.75	5.69	5.49	6.23	4.71	4.19	3.36	2.30	48.86
Evaporation - W.B. Pan (Inches)	5(1)	2.72	2.75	4.75	5.47	6.91	7.85	7.31	7.87	5.90	5.00	3.85	2.50	62.88
Rainfall (Inches)	5(1)	3.19	4.24	2.49	4.79	4.39	4.59	4.18	2.84	3.43	5.60	3.91	3.37	47.02
Mean Maximum Temperature (Deg F)	5(1)	69	67	73	77	82	91	92	94	90	84	73	66	80
Mean Minimum Temperature (Deg F)	5(1)	50	50	55	59	70	72	73	73	69	61	51	47	61
Mean Relative Humidity (Percent)	5(1)	85	87	81	79	82	83	86	83	86	82	78	85	83
Wind Movement (Miles)(3)	5(1)	2,411	2,063	2,596	2,290	1,939	1,431	1,150	1,066	1,087	1,320	1,736	2,013	21,102

Table 1 . Mean Monthly and Annual Meteorological Data for Stations from which Evaporation Records are available.- Continued

	LENGTH OF RECORD YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
WINTER HAVEN														
Evaporation - B.P.I. Pan (Inches)	23	2.02	2.56	4.52	5.42	6.25	7.67	8.75	8.29	6.11	4.49	3.00	2.02	61.10
Rainfall (Inches)	23	1.18	1.07	1.17	1.84	3.52	2.05	1.64	2.33	2.91	1.61	.75	1.21	21.28
Mean Maximum Temperature (Deg F)	23	67	72	80	86	91	96	99	99	93	86	75	69	84
Mean Minimum Temperature (Deg F)	23	43	47	52	59	67	72	74	74	69	61	50	45	59
Mean Relative Humidity (Percent)	23	74	70	62	63	67	65	62	62	69	71	72	75	68
Wind Movement (Miles)(2)	23	1,720	1,938	2,460	2,398	2,504	2,697	2,472	2,275	1,772	1,556	1,460	1,328	24,580
YSLETA														
Evaporation - B.P.I. Pan (Inches)	2(1)	3.42	4.05	6.41	9.38	10.48	11.59	9.72	9.32	7.98	5.90	3.64	1.97	83.86
Evaporation - Y Pan (Inches)	2(1)	3.56	4.15	6.90	9.95	10.99	10.73	9.32	7.96	8.00	5.87	4.04	2.48	83.95
Evaporation - W.B. Pan (Inches)	2(1)	4.33	4.86	8.61	12.83	14.36	15.30	12.16	10.92	9.78	6.96	4.52	2.56	107.19
Rainfall (Inches)														
El Paso W.B. Station	98	.41	.43	.31	.26	.30	.63	1.58	1.64	1.33	.78	.48	.48	8.63
Experiment Station	6	.59	.38	.22	.35	.28	.41	1.48	.73	.50	.55	T	.42	5.91
Mean Maximum Temperature (Deg F)	14	56	63	69	77	86	94	94	93	88	79	66	58	77
Mean Minimum Temperature (Deg F)	14	32	35	41	50	58	67	70	69	62	52	38	33	50
Mean Relative Humidity (Percent)	12	50	42	33	29	28	32	42	45	43	43	44	50	40
Wind Movement (Miles)(3)	5	1,703	1,845	2,800	2,802	2,247	1,777	1,591	1,263	1,181	1,151	1,417	1,572	21,349

- NOTES: (1) Standardized Station.
(2) Anemometer about 6 feet above ground
(3) Anemometer about 21 inches above ground
(4) Anemometer about 18.75 feet above ground
(5) Pan made of copper rather than galvanized material

ABBREVIATIONS: B.P.I. = Bureau of Plant Industry
W.B. = Weather Bureau
Y. = Young

Table 2. Monthly and Annual Evaporation in Inches at the Experiment Station near Amarillo. Weather Bureau (W.B.) Pan.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1907	-	-	-	6.36	8.05	9.58	10.67	9.39	7.91	-	-	-	-
1908	-	-	-	7.32	9.28	10.38	8.08	8.58	6.78	-	-	-	-
1909	-	-	-	8.13	10.02	10.34	9.96	9.66	8.42	-	-	-	-
1910	-	-	-	8.49	8.03	12.01	12.17	8.81	9.09	-	-	-	-
1911	-	-	-	7.36	10.10	11.48	7.47	8.90	7.27	-	-	-	-
1912	-	-	-	7.05	9.90	8.99	10.95	9.49	6.49	-	-	-	-
1913	-	-	-	7.74	9.81	7.06	12.73	10.45	5.99	-	-	-	-
1914	-	-	-	6.70	6.74	10.12	8.75	8.93	8.04	-	-	-	-
1915	-	-	-	4.58	6.92	8.83	9.31	7.30	5.98	-	-	-	-
1916	-	-	-	5.96	10.29	10.66	11.66	10.21	7.66	-	-	-	-
1917	-	-	-	7.68	7.62	12.48	12.43	8.57	5.96	-	-	-	-
1918	-	-	-	6.99	11.01	10.13	10.74	10.34	7.38	-	-	-	-
1919	-	-	-	4.65	5.03	7.09	9.47	8.41	6.14	-	-	-	-
1941	-	-	-	7.28	6.45	9.05	8.13	9.75	7.19	-	-	-	-
1942	-	-	-	6.36	10.42	10.50	12.83	8.62	6.60	-	-	-	-
1943	-	-	-	9.55	9.53	13.73	10.81	12.93	9.18	-	-	-	-
1944	-	-	-	7.63	9.11	10.52	10.34	11.90	7.44	-	-	-	-
1945	-	-	-	6.46	11.74	11.84	12.57	11.58	10.97	-	-	-	-
1946	-	-	-	10.76	11.12	14.33	15.94	13.08	8.26	-	-	-	-
1947	-	-	-	6.36	8.28	12.12	13.88	13.05	11.88	-	-	-	-
1948	-	-	-	11.42	10.39	11.40	12.47	9.56	8.96	-	-	-	-
1949	-	-	-	6.28	7.35	7.81	10.15	9.56	6.79	-	-	-	-
1950	-	-	-	10.37	13.06	12.76	8.94	8.77	5.38	-	-	-	-
1951	-	-	-	9.27	9.67	10.69	12.86	12.18	9.66	-	-	-	-
1952	-	-	-	8.49	10.23	15.55	12.83	13.22	9.70	-	-	-	-
1953	-	-	-	9.47	11.26	13.12	13.10	11.22	8.95	-	-	-	-
Mean	-	-	-	7.64	9.28	10.87	11.12	10.17	7.85	-	-	-	-

Table 3. Monthly and Annual Evaporation in Inches at the Experiment Station near Angleton. Bureau of Plant Industry (B.P.I.) Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1915	1.83	2.22	3.42	3.31	6.40	6.84	6.91	4.56	4.71	3.85	2.87	1.39	48.31
1916	1.74	2.44	4.57	4.60	6.01	5.96	4.30	4.11	4.50	3.91	2.68	2.52	47.34
1917	1.80	2.25	3.23	3.89	4.68	5.55	6.28	5.34	4.74	4.24	2.72	1.96	46.68
1918	2.07	1.74	4.21	4.35	5.44	6.57	6.80	5.62	5.50	3.35	2.52	2.08	50.25
1919	1.57	2.22	3.17	4.31	4.68	4.32	4.57	5.06	4.71	3.22	2.66	2.02	42.51
1920	1.93	2.58	3.15	4.39	4.94	4.90	5.22	3.72	4.80	3.53	2.84	2.01	44.01
1921	2.12	2.34	3.05	4.20	5.18	4.80	5.07	5.48	3.92	4.49	2.57	2.47	45.69
1922	1.67	2.10	3.24	3.36	4.82	4.22	5.07	5.10	3.97	3.55	2.43	2.12	41.65
1923	1.94	1.85	2.93	3.11	5.62	5.35	4.76	5.30	3.44	3.72	2.01	1.69	41.72
1924	1.96	2.20	2.89	3.12	4.67	5.14	5.90	5.89	4.98	3.95	2.72	2.05	45.47
1925	1.47	2.52	3.73	5.41	6.07	4.81	5.87	5.45	3.55	3.44	2.30	1.98	46.60
1926	1.48	2.47	2.39	3.57	4.49	5.14	4.99	5.21	4.79	3.79	2.41	2.09	42.82
1927	1.72	1.91	2.64	3.96	5.53	5.04	5.15	6.38	4.01	3.57	2.28	2.16	44.35
1928	1.94	1.83	2.93	3.36	5.50	4.72	5.57	5.06	3.37	3.67	2.23	1.63	41.81
1929	1.88	1.71	2.61	3.86	4.31	5.07	4.60	4.97	4.47	4.29	2.46	2.32	42.55
1930	1.47	1.64	2.80	4.05	4.02	5.70	5.38	5.64	4.21	3.85	2.19	1.79	42.74
1931	1.53	1.90	3.43	3.24	4.76	5.94	5.71	5.04	5.20	3.88	2.28	1.55	44.46
1932	1.71	1.63	3.83	4.10	5.32	5.68	6.52	5.18	3.83	3.38	2.63	1.40	45.21
1933	1.49	1.52	2.94	4.50	4.70	6.43	5.20	4.98	4.27	3.45	2.46	2.17	44.11
1934	1.71	2.31	3.27	4.20	5.82	6.94	6.57	5.40	4.74	4.28	2.66	1.88	49.78
1935	1.88	2.64	3.70	4.28	4.53	4.94	5.09	5.59	3.73	3.32	2.44	1.81	43.95
1936	1.69	1.81	2.86	4.33	4.01	6.21	5.23	5.09	4.10	3.62	2.43	1.64	43.02
1937	1.09	2.12	2.69	3.85	5.76	5.54	6.28	5.22	4.41	3.92	2.34	1.51	44.73
1938	1.91	1.87	2.84	3.64	4.72	5.19	4.97	5.14	4.25	3.51	2.71	1.86	42.61
1939	1.60	2.10	3.04	4.17	4.93	5.34	5.60	5.47	5.07	4.10	2.19	2.07	45.68
1940	1.31	1.88	3.18	3.39	5.22	5.56	5.38	5.51	5.08	3.66	2.07	1.58	43.82
1941	1.79	1.76	2.31	3.27	4.76	4.66	4.81	5.05	3.69	3.46	2.20	1.58	39.34
1942	1.89	1.88	3.03	2.81	4.82	5.36	4.35	4.48	4.35	3.48	2.66	2.04	41.15
1943	1.96	2.31	3.07	4.26	5.36	5.46	5.37	5.08	3.24	3.40	2.39	1.47	43.37
1944	1.23	1.59	2.70	3.39	3.99	5.43	5.26	5.05	4.17	3.55	1.82	1.46	39.64
1945	1.69	1.81	2.58	3.70	5.21	4.60	4.57	4.16	4.17	2.87	2.36	1.61	39.33
1946	1.44	1.54	3.01	3.89	3.42	4.23	4.41	4.23	2.60	2.64	1.83	1.94	35.18
1947	1.36	2.00	2.80	3.66	4.20	4.93	5.24	4.23	4.27	2.93	2.16	1.47	39.25
1948	1.50	.98	2.45	4.11	4.31	5.84	5.01	5.94	3.77	2.77	2.67	1.51	40.86
1949	1.58	1.18	2.18	6.62	3.95	4.20	4.05	4.57	3.56	2.72	1.98	1.34	37.93
1950	1.26	1.64	2.95	2.65	4.28	4.62	4.19	5.19	4.15	3.20	2.98	2.23	39.34
1951	1.79	1.66	3.77	3.60	4.24	5.28	5.51	5.77	3.12	3.25	2.51	1.83	42.83
1952	1.76	2.13	3.33	2.01	2.75	5.71	4.98	5.47	5.66	5.37	2.99	2.92	45.08
1953	2.86	2.52	3.24	5.16	5.27	6.90	6.82	5.42	6.41	4.74	3.00	2.48	54.82
Mean	1.71	1.97	3.08	3.89	4.84	5.36	5.32	5.13	4.30	3.64	2.45	1.89	43.58

Table 4. Monthly and Annual Evaporation in Inches at the Experiment Station near Balmorhea. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1916	2.76	3.77	7.32	6.21	10.01	11.99	9.42	8.11	5.71	5.24	3.13	3.28	76.95
1917	2.91	4.20	6.52	8.54	10.17	11.17	11.58	9.44	6.58	6.15	3.67	2.87	83.80
1918	2.53	4.58	7.09	8.88	10.41	10.59	11.17	9.40	7.28	5.40	3.11	1.42	81.86
1919	1.94	4.39	5.47	7.88	8.60	8.58	9.18	9.71	5.96	3.18	2.87	1.99	69.75
1920	1.48	2.59	5.50	7.90	7.60	7.67	9.30	6.37	6.04	5.14	2.34	3.01	64.93
1921	2.98	3.45	6.17	8.87	9.37	7.60	9.78	10.04	7.28	6.17	4.22	3.71	79.64
1922	2.78	4.43	6.95	8.27	9.22	9.59	10.74	10.95	7.28	5.21	3.22	2.71	81.35
1926	3.52	5.37	4.42	5.87	8.94	9.64	8.81	6.72	5.60	3.89	3.93	1.97	68.68
1927	2.68	4.18	5.63	7.81	9.56	7.87	8.37	9.29	5.38	5.06	4.10	2.11	72.04
1928	3.12	3.70	7.09	7.48	7.63	9.81	6.98	5.03	5.21	4.36	2.44	2.05	64.90
1929	2.97	3.64	5.10	6.10	6.97	8.01	7.86	7.69	5.36	4.13	2.87	2.73	63.43
1930	2.07	4.17	5.42	6.01	7.93	6.83	7.95	7.40	6.65	3.28	2.50	1.87	62.08
1931	1.64	2.67	5.30	5.69	6.91	7.73	7.37	7.13	7.38	5.91	2.98	1.74	62.45
1932	2.58	3.06	5.30	6.82	5.88	7.81	6.82	6.12	3.78	3.54	3.09	1.61	56.41
1933	2.56	3.13	5.77	6.80	8.46	7.83	9.42	7.42	6.00	4.48	3.21	3.46	68.54
1934	2.78	3.75	5.32	6.40	8.24	9.33	8.62	7.72	6.59	5.14	3.37	2.15	69.41
1935	2.86	2.65	5.36	6.17	6.12	6.78	7.69	6.70	4.10	3.67	2.54	1.63	56.26
1936	2.53	3.66	5.02	5.72	5.99	8.35	6.70	6.16	3.61	3.76	2.09	2.15	55.74
1937	2.04	3.14	4.30	6.79	7.05	8.44	8.69	7.30	5.17	3.88	2.92	1.50	61.22
1938	2.30	2.52	5.46	6.37	7.93	7.08	6.05	6.72	4.93	4.31	3.50	2.10	59.27
1939	2.54	3.19	4.98	6.10	7.48	8.61	6.94	5.98	6.20	4.25	1.78	2.20	60.25
1940	1.56	3.02	5.28	6.78	6.82	6.11	7.26	6.00	5.94	4.30	2.12	1.54	56.73
1941	1.56	2.07	3.74	5.04	5.35	5.52	6.29	6.13	4.14	3.20	2.21	2.02	47.27
1942	2.01	2.65	4.70	5.65	7.36	8.38	7.94	5.49	5.09	3.80	3.35	2.27	58.69
1943	2.45	3.54	4.95	6.96	7.27	7.37	7.38	9.11	5.51	4.40	2.70	1.50	63.14
1944	1.66	2.22	5.30	6.90	8.04	8.80	8.56	6.79	3.91	3.85	2.49	1.80	60.32
1945	1.95	2.70	5.02	5.70	7.94	9.10	6.72	7.07	6.28	2.93	3.13	2.31	60.85
1946	1.41	2.86	5.50	6.05	7.20	7.89	8.66	7.76	4.13	3.68	2.64	2.00	59.65
1947	1.66	2.98	3.68	6.11	7.28	8.34	9.20	7.36	6.87	5.58	2.90	1.97	63.93
1948	2.02	2.62	5.51	7.51	8.33	9.70	8.83	8.67	6.78	4.04	3.80	2.75	70.59
1949	1.13	2.52	5.52	5.01	7.91	8.28	7.43	6.46	4.67	4.23	3.71	2.52	59.39
1950	3.09	3.26	6.00	6.79	10.08	10.14	7.17	8.85	5.55	5.26	4.68	4.01	74.88
1951	4.17	3.65	5.92	8.73	9.27	10.92	10.26	9.44	7.86	6.35	3.87	4.32	84.76
1952	3.60	4.84	7.48	8.41	10.16	10.26	8.84	9.74	7.44	5.97	3.44	3.06	83.24
1953	4.99	4.22	7.13	9.74	10.26	11.39	10.63	10.29	8.53	5.10	3.64	2.50	88.42
Mean	2.48	3.41	5.58	6.92	8.10	8.67	8.42	7.73	5.85	4.54	3.10	2.37	67.17

Table 5. Monthly and Annual Evaporation in Inches at the Experiment Station near Beaumont. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1917	2.18	2.18	3.49	4.29	5.28	7.06	6.71	6.07	4.31	3.78	2.59	2.08	50.02
1918	2.09	3.83	4.05	4.20	5.06	5.59	5.89	5.16	4.93	3.05	2.05	1.61	47.51
1919	1.43	2.11	3.43	4.44	4.39	3.87	4.16	4.54	4.02	2.24	2.54	2.86	40.03
1920	1.79	2.41	3.93	4.47	4.82	4.60	4.81	4.46	4.29	3.18	2.47	2.11	43.34
1921	1.99	2.28	3.36	3.95	5.14	4.58	5.10	5.88	3.58	3.88	2.36	1.87	43.97
1922	1.99	1.96	3.48	3.87	5.20	4.48	4.98	4.98	4.01	3.87	2.67	2.00	43.49
1923	2.14	1.99	3.27	3.37	5.29	5.57	4.87	4.69	3.68	3.67	2.17	1.88	42.59
1924	2.19	2.87	3.13	3.49	4.95	5.55	6.84	6.43	5.49	4.16	3.31	2.38	50.79
1925	1.96	2.54	4.25	5.58	6.35	5.65	6.14	6.53	4.02	3.43	2.48	2.62	51.55
1926	1.93	2.69	3.31	3.98	4.92	5.81	4.61	5.10	4.85	4.32	2.82	2.20	46.54
1927	2.00	2.13	3.11	4.38	5.78	4.48	5.44	6.34	4.52	4.28	3.30	2.49	48.25
1928	2.05	2.35	3.29	4.18	6.38	5.00	5.46	5.04	4.01	3.63	2.23	1.89	45.51
1929	2.23	1.87	3.46	4.82	4.98	5.01	4.98	6.14	4.95	4.21	2.62	2.14	47.41
1930	1.85	2.00	2.99	4.97	4.14	7.16	6.17	5.91	4.32	3.95	2.39	1.95	47.80
1931	1.85	2.16	3.84	4.14	5.46	6.23	5.87	5.82	5.04	3.97	2.60	2.06	49.04
1932	2.52	1.95	4.06	4.94	5.50	6.15	6.57	5.92	4.82	4.01	2.60	1.74	50.78
1933	1.83	2.37	3.29	4.68	5.08	6.20	4.76	4.99	4.34	3.53	2.59	2.24	45.90
1934	1.87	2.68	3.34	4.40	5.52	6.39	6.11	5.36	3.99	3.62	3.12	1.80	48.20
1935	2.39	2.55	3.64	4.42	4.37	4.54	4.79	5.17	3.97	3.84	2.84	2.16	44.68
1936	1.56	2.27	2.88	4.63	4.20	6.58	5.14	5.13	4.35	3.85	2.82	1.62	44.93
1937	1.62	2.59	2.72	4.15	6.49	5.30	5.82	5.35	4.50	3.86	2.59	1.64	46.63
1938	2.09	2.16	2.98	3.90	5.41	5.17	5.23	5.00	4.08	3.87	2.98	1.94	44.81
1939	1.94	2.09	3.31	4.72	5.44	5.61	6.00	5.19	5.31	4.88	2.60	2.19	49.28
1940	1.89	2.10	3.41	3.81	5.36	5.35	5.21	5.29	5.01	3.43	2.85	2.69	46.40
1941	2.09	2.08	2.76	4.21	4.77	4.98	4.85	5.08	4.19	3.44	2.71	1.80	42.96
1942	2.47	2.25	3.41	3.49	5.15	4.92	5.10	4.19	4.30	3.88	2.84	2.06	44.06
1943	2.20	2.55	3.78	4.25	5.01	5.52	5.29	5.85	4.25	4.20	2.46	2.07	47.43
1944	1.86	2.25	3.19	3.93	4.16	6.55	6.55	5.36	4.52	4.09	2.68	2.23	47.37

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Monthly and Annual Evaporation in Inches at the Experiment Station near Beaumont. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	2.78	2.52	3.30	4.23	5.74	5.47	5.57	5.34	4.35	3.68	2.79	2.34	48.11
1946	2.56	2.26	3.18	4.86	4.51	4.97	5.15	5.17	4.07	3.40	2.59	2.50	45.22
1947	1.93	2.55	3.07	3.74	5.34	5.71	6.01	4.90	5.16	3.65	2.66	1.75	46.47
1948	2.02	1.68	3.07	4.76	5.07	6.04	5.12	5.10	4.14	3.69	1.90	1.94	44.53
1949	2.17	2.29	4.03	5.53	6.87	6.69	6.10	6.49	5.18	2.88	3.75	2.23	54.21
1950	3.91	3.03	4.97	4.80	6.92	6.54	6.00	6.21	4.70	3.93	3.51	2.55	57.07
1951	2.42	1.68	4.04	4.32	6.01	6.32	7.00	7.17	5.23	4.44	3.22	2.62	54.47
1952	2.33	2.43	3.71	4.40	5.79	6.46	6.37	6.16	6.02	5.57	3.47	2.73	55.44
1953	3.67	-	2.39	-	-	6.72	7.45	5.97	4.93	5.08	4.01	2.62	-
Mean	2.16	2.32	3.43	4.34	5.30	5.64	5.63	5.50	4.52	3.85	2.76	2.15	47.60

Table 6. Monthly and Annual Evaporation in Inches at the Experiment Station near Beeville. B.P.I. Pan: 75" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1915	2.54	3.24	4.85	3.35	5.98	7.82	9.03	6.51	4.80	4.75	3.31	2.48	58.66
1916	2.08	3.26	6.39	6.48	6.79	10.03	5.63	5.72	5.78	4.74	3.49	2.66	63.05
1917	2.51	3.72	4.92	6.57	6.58	9.44	9.94	9.66	6.61	5.66	3.80	3.06	72.47
1918	3.63	2.54	5.13	4.83	6.10	7.27	9.03	8.64	6.67	3.93	2.60	1.86	62.23
1919	1.61	2.49	3.77	4.96	4.68	5.62	4.95	6.64	5.08	3.33	2.81	2.15	48.09
1920	1.80	2.67	4.46	5.78	5.98	5.51	6.81	6.66	7.87	5.15	3.05	3.07	58.81
1921	2.74	2.86	3.78	5.78	6.19	6.39	7.68	7.81	4.70	5.13	3.48	3.28	59.82
1922	2.45	3.07	4.54	4.49	5.52	6.25	6.87	8.69	5.37	4.94	2.76	3.03	57.98
1923	3.53	2.26	4.61	3.97	7.72	8.40	7.54	8.17	4.78	3.92	2.10	1.41	58.41
1924	2.19	3.17	3.87	5.64	5.60	6.73	8.27	9.22	7.93	5.40	4.28	2.23	64.53
1925	2.88	4.12	4.83	6.57	6.76	8.82	11.22	8.56	5.13	3.95	2.64	2.08	67.56
1926	2.04	3.56	3.40	3.93	5.45	6.71	5.49	6.06	6.24	5.39	3.27	2.09	53.63
1927	2.05	2.74	3.49	4.98	7.71	7.02	7.40	7.99	4.88	3.87	3.19	2.46	57.78
1928	2.84	2.52	4.51	5.81	6.45	6.65	8.14	7.42	4.29	4.26	3.04	2.14	58.07
1929	1.86	2.27	3.69	5.24	5.98	6.85	5.70	6.72	5.87	5.52	3.15	2.40	55.25
1930	1.98	3.04	3.88	5.10	3.62	6.00	7.60	8.22	6.47	3.84	2.47	2.16	54.38
1931	1.86	1.95	4.94	4.14	5.11	6.78	6.78	6.32	5.95	5.09	4.02	2.22	55.16
1932	1.96	2.71	4.68	5.22	6.30	7.07	7.82	7.04	4.67	4.18	3.19	2.23	57.07
1933	2.13	1.99	4.23	5.73	7.17	7.54	7.79	6.28	4.86	4.28	3.11	3.26	58.37
1934	2.28	3.28	4.82	4.97	6.87	8.62	9.14	7.41	5.59	4.78	3.23	2.24	63.23
1935	2.65	3.28	5.04	4.94	6.32	6.02	7.39	7.32	5.28	4.18	2.96	1.96	57.34
1936	2.08	2.18	4.28	5.70	5.70	7.27	5.48	6.13	4.25	3.74	2.78	2.07	51.66
1937	1.74	2.78	3.60	5.83	7.54	6.93	7.49	6.40	6.14	6.55	3.69	2.55	61.24
1938	2.99	2.55	3.88	5.30	6.80	7.75	9.23	7.54	5.30	5.63	3.88	2.92	63.77
1939	2.17	3.50	4.87	7.19	7.36	6.77	8.53	6.66	5.65	5.05	2.77	2.56	63.08
1940	1.60	2.91	4.77	5.19	6.62	6.31	6.39	6.93	5.96	3.73	2.76	2.38	55.55
1941	2.37	2.34	2.92	3.94	5.42	4.67	6.85	6.24	5.48	4.06	2.85	3.25	50.39
1942	2.88	2.26	5.07	3.99	5.24	5.72	3.95	5.13	3.88	4.02	3.95	3.11	49.20
1943	2.73	3.71	4.93	6.17	6.81	6.28	7.09	8.10	5.21	6.15	3.21	2.07	62.46
1944	1.79	2.31	4.47	5.66	6.04	7.53	8.91	7.69	4.93	4.59	2.31	1.93	58.16
1945	3.09	2.87	4.96	4.86	7.02	7.15	6.40	6.16	6.91	3.85	3.88	2.83	59.98
1946	2.80	2.43	5.04	5.83	6.23	6.27	8.03	7.42	4.02	3.17	3.15	2.42	56.81
1947	1.82	2.83	3.97	4.08	5.47	7.06	8.45	5.96	6.75	4.48	3.71	2.02	56.60
1948	2.59	2.22	3.46	4.86	6.29	8.15	7.46	8.06	5.30	4.78	3.80	2.47	59.44
1949	2.26	2.60	4.42	4.62	5.46	7.24	6.54	6.92	5.77	4.66	3.69	3.00	57.13
1950	3.16	2.78	5.12	7.84	7.17	7.22	7.24	8.40	5.96	5.34	4.14	3.83	68.20
1951	3.63	2.42	5.36	6.29	6.17	6.34	8.20	10.06	5.63	4.47	3.00	2.80	64.37
1952	3.20	3.83	5.37	5.84	8.40	7.02	7.14	8.60	4.98	5.09	2.86	2.41	64.74
1953	3.18	2.76	3.85	5.49	6.36	7.77	8.60	8.01	6.56	2.34	3.05	3.39	61.36
Mean	2.45	2.82	4.46	5.31	6.28	7.05	7.49	7.37	5.58	4.56	3.22	2.52	59.11

Table 7. Monthly and Annual Evaporation in Inches at the Experiment Station near Big Spring. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1916	-	-	-	6.61	10.84	13.29	10.44	9.24	7.71	-	-	-	-
1917	-	-	-	10.01	10.87	13.38	13.16	12.25	8.13	-	-	-	-
1918	-	-	-	9.67	11.32	10.62	13.24	12.64	8.43	-	-	-	-
1919	-	-	-	6.99	8.34	8.03	10.27	10.58	6.67	-	-	-	-
1920	-	-	-	8.74	8.82	9.35	12.48	6.98	7.06	-	-	-	-
1921	-	-	-	9.21	9.11	9.13	11.51	12.84	8.82	-	-	-	-
1922	-	-	-	8.48	8.46	8.79	12.93	11.67	9.69	-	-	-	-
1923	-	-	-	5.95	8.85	9.79	10.37	10.33	6.93	-	-	-	-
1924	-	-	-	7.18	8.18	11.56	10.87	11.09	7.43	-	-	-	-
1925	-	-	-	4.44	8.17	11.24	11.87	8.10	6.42	-	-	-	-
1926	-	-	-	5.40	8.29	10.15	9.98	10.11	7.66	-	-	-	-
1927	-	-	-	8.58	11.71	10.37	10.16	12.12	7.06	-	-	-	-
1928	-	-	-	8.36	7.44	10.96	9.71	7.17	6.94	-	-	-	-
1929	-	-	-	7.33	7.22	10.69	9.28	10.10	6.86	-	-	-	-
1930	-	-	-	6.06	8.12	8.71	11.65	10.22	9.18	-	-	-	-
1931	-	-	-	5.61	7.55	9.47	9.55	9.55	9.21	-	-	-	-
1932	-	-	-	7.50	6.51	7.90	9.73	8.03	3.95	-	-	-	-
1933	-	-	-	8.17	9.08	11.41	10.38	8.32	7.00	-	-	-	-
1934	-	-	-	7.04	10.15	12.56	12.08	11.72	8.72	-	-	-	-
1935	-	-	-	8.23	7.79	7.66	9.10	9.34	4.40	-	-	-	-
1936	-	-	-	8.59	7.46	10.30	10.98	11.36	6.32	-	-	-	-
1937	-	-	-	8.00	8.94	10.31	11.33	10.93	8.09	-	-	-	-
1938	-	-	-	7.80	10.87	9.28	9.09	10.79	9.00	-	-	-	-
1939	-	-	-	8.94	9.03	11.97	11.77	9.06	9.89	-	-	-	-
1940	-	-	-	8.82	9.03	8.70	11.68	8.53	8.17	-	-	-	-
1941	-	-	-	5.67	6.11	7.23	8.74	4.07	6.50	-	-	-	-
1942	-	-	-	7.01	9.16	10.26	11.67	7.87	5.68	-	-	-	-
1943	-	-	-	9.51	8.61	9.96	9.65	12.95	7.34	-	-	-	-
1944	-	-	-	8.60	8.23	10.07	10.99	10.48	6.79	-	-	-	-
1945	-	-	-	6.50	10.82	11.32	7.25	7.99	7.98	-	-	-	-
1946	-	-	-	7.26	8.50	9.15	10.90	10.46	5.65	-	-	-	-
1947	-	-	-	6.28	7.54	9.68	11.22	9.99	8.32	-	-	-	-
1948	-	-	-	8.53	9.16	10.02	9.51	10.83	7.03	-	-	-	-
1949	-	-	-	4.70	6.62	9.09	9.98	9.48	6.14	-	-	-	-
1950	-	-	-	7.25	7.39	9.12	8.39	9.84	5.72	-	-	-	-
1951	-	-	-	8.05	8.76	9.65	10.65	11.29	8.54	-	-	-	-
1952	-	-	-	8.40	10.04	12.09	10.45	12.14	7.23	-	-	-	-
1953	-	-	-	8.62	10.07	12.61	11.14	9.00	9.33	-	-	-	-
Mean	-	-	-	7.58	8.77	10.15	10.63	9.99	7.42	-	-	-	-

Table 8. Monthly and Annual Evaporation in Inches at the Blacklands Experimental Watershed Station near Riesel. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1940	1.53	3.06	6.66	6.05	7.36	8.77	8.35	9.43	7.85	6.14	3.17	2.36	70.75
1941	2.98	2.54	4.76	4.97	6.90	7.70	8.51	8.38	7.22	4.77	5.03	1.91	65.67
1942	2.75	3.46	7.10	4.85	5.53	7.98	8.13	8.11	5.34	4.08	3.85	2.77	63.95
1943	2.58	3.84	4.54	7.05	7.54	6.72	-	9.18	7.06	5.80	3.81	2.26	-
1944	2.57	2.60	3.83	7.47	4.57	8.70	10.45	9.42	8.24	6.53	3.52	3.93	71.83
1945	2.85	2.76	3.91	4.65	8.48	8.11	7.70	7.33	12.41	4.17	4.45	2.61	69.43
1946	2.57	2.73	3.83	7.47	4.52	8.70	10.45	9.42	8.24	6.53	3.52	3.93	71.91
1947	2.41	4.22	4.24	4.78	6.11	8.11	9.40	9.11	7.86	6.47	4.09	2.19	68.99
1948	1.49	1.67	5.17	6.70	6.41	8.41	8.54	9.18	7.26	6.31	4.92	3.44	69.50
1949	1.55	2.15	3.80	3.36	5.12	6.92	7.36	6.10	6.31	5.19	4.00	2.11	53.97
1950	2.20	2.95	6.79	7.06	5.75	7.05	8.40	9.03	6.72	5.89	5.53	3.93	71.30
1951	4.17	3.38	7.59	7.24	6.73	7.60	11.52	12.97	7.02	5.27	3.84	3.09	80.42
1952	3.23	3.88	5.63	5.34	6.48	8.79	8.19	10.04	8.77	7.29	3.80	2.28	73.72
1953	2.41	2.66	2.86	3.06	6.92	9.06	7.80	7.99	6.38	5.54	3.82	2.70	61.20
Mean	2.52	2.99	5.05	5.72	6.32	8.04	8.83	8.98	7.62	5.71	4.10	2.82	68.70

Monthly and Annual Evaporation in Inches at the Blacklands Experimental Watershed Station near Riesel. Colorado Type Pan: 3' deep x 3' square.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1940	1.72	3.08	8.45	6.97	9.31	7.63	9.53	11.18	9.87	7.09	3.45	2.45	80.73
1941	3.44	3.28	4.80	5.13	7.75	8.05	9.75	9.96	8.56	5.41	4.11	3.22	73.46
1942	3.33	3.98	8.17	5.15	6.22	8.86	9.63	9.32	6.24	5.06	4.44	3.30	73.70
Mean	2.83	3.45	7.14	5.75	7.76	8.18	9.64	10.15	8.22	5.85	4.00	2.99	75.96

Continued on next page

Continued from preceding page

Monthly and Annual Evaporation in Inches at the Blacklands Experimental Watershed Station near Riesel.
W.B. Pan: made of copper instead of standard galvanized material.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1940	1.56	4.06	9.50	8.17	10.11	9.76	10.76	11.84	9.88	7.84	3.45	2.70	89.67
1941	3.17	3.24	5.36	6.61	8.94	8.94	11.10	10.94	9.90	5.68	4.35	3.60	81.83
1942	3.89	4.27	9.51	6.40	7.44	10.17	11.12	11.05	6.98	5.72	5.36	3.74	85.48
Mean	2.87	3.86	8.12	7.06	8.83	9.62	10.99	11.28	8.92	6.41	4.39	3.35	85.70

Table 9. Monthly and Annual Evaporation in Inches at the Cooperative Station at Buchanan Dam. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1943	-	-	-	-	-	-	-	11.13	6.21	4.46	3.28	1.81	-
1944	1.14	1.96	3.89	6.94	5.76	8.51	9.74	9.71	6.50	4.99	2.64	2.19	63.97
1945	1.90	2.51	4.20	4.76	8.69	8.46	8.46	8.79	7.71	5.56	3.41	2.63	67.08
1946	2.04	2.84	5.37	5.65	6.02	7.40	11.17	10.22	5.48	4.25	2.98	2.08	65.50
1947	1.11	2.89	4.16	4.95	6.83	9.07	10.12	8.45	6.80	5.16	3.39	1.58	64.51
1948	1.47	2.27	4.41	7.04	7.15	10.00	8.31	8.92	6.59	5.17	3.79	2.41	67.53
1949	1.56	1.50	4.02	4.27	5.24	8.22	9.46	8.56	6.75	4.42	3.63	2.56	60.19
1950	2.29	2.42	5.32	4.84	5.90	7.84	9.94	9.70	6.24	5.53	4.56	3.06	67.64
1951	-	-	-	-	-	-	11.45	11.72	7.83	5.96	3.70	3.04	-
1952	2.95	4.06	4.93	6.01	7.12	8.80	9.10	11.54	7.13	5.84	3.38	2.12	72.98
1953	2.92	2.73	4.10	5.92	6.85	10.42	9.85	8.54	6.09	4.51	2.94	2.64	67.51
Mean	1.93	2.58	4.49	5.60	6.62	8.75	9.76	9.75	6.67	5.08	3.43	2.37	67.03

Monthly and Annual Evaporation in Inches at the Cooperative Station at Buchanan Dam. Young (Y.) Pan.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1943	-	-	-	-	-	-	-	10.07	6.22	4.03	3.53	2.48	-
1944	1.29	2.05	3.86	6.48	5.08	7.17	8.80	8.96	6.21	4.77	2.80	2.62	60.09
1945	1.99	2.59	3.79	4.68	7.57	7.75	7.50	8.25	6.72	5.16	3.60	2.80	61.64
1946	2.66	2.70	4.89	5.28	5.47	6.56	10.33	9.89	5.17	3.88	3.35	2.50	62.24
1947	1.36	2.90	4.00	5.13	6.44	8.61	9.58	8.17	6.65	5.13	3.95	1.85	63.07
1948	1.80	2.16	4.28	6.78	6.56	10.09	7.85	8.64	6.32	4.96	3.89	2.72	64.93
1949	1.91	1.55	3.78	4.05	5.60	7.81	8.74	8.09	6.52	4.27	3.62	3.15	58.49
1950	2.35	2.26	5.07	4.38	5.01	7.46	9.91	10.20	6.05	5.55	4.86	3.36	66.46
1951	3.77	2.04	5.62	5.96	-	-	10.41	11.21	7.91	6.40	4.42	3.60	-
1952	3.29	4.19	5.26	5.09	6.24	7.00	7.27	10.70	6.86	5.62	3.72	2.19	67.43
1953	2.88	2.75	3.82	5.22	6.47	9.27	9.28	8.11	5.81	4.70	3.49	3.14	64.94
Mean	2.33	2.52	4.44	5.30	6.05	7.97	8.97	9.30	6.40	4.95	3.75	2.76	64.74

Monthly and Annual Evaporation in Inches at the Cooperative Station at Buchanan Dam. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1943	-	-	-	-	-	-	-	14.03	7.33	5.40	4.22	2.28	-
1944	1.93	2.60	4.76	8.99	7.05	9.85	12.09	11.76	7.73	6.33	3.80	2.97	79.86
1945	2.65	3.44	5.61	5.85	10.03	10.44	9.61	9.96	9.31	7.00	4.69	3.06	81.65
1946	3.16	3.87	7.07	6.98	6.99	8.49	13.31	11.74	6.04	4.87	3.49	3.11	79.12
1947	2.09	3.48	5.61	6.77	8.41	10.94	12.50	10.41	8.57	6.73	3.93	2.06	81.50
1948	1.83	2.52	5.62	8.97	8.62	12.20	9.80	10.42	7.87	6.25	4.70	3.14	81.94
1949	1.78	2.29	5.31	5.45	7.62	9.79	10.90	10.01	7.80	5.05	4.96	3.05	74.01
1950	2.72	3.20	6.21	6.27	7.26	9.46	11.40	11.23	7.34	7.05	5.31	3.69	81.14
1951	4.41	2.99	6.63	8.52	-	-	13.49	13.90	9.07	7.13	4.23	3.43	-
1952	3.91	5.13	6.16	6.98	8.86	10.33	10.67	13.74	8.11	6.12	3.60	2.58	86.19
1953	4.21	3.32	5.52	7.46	8.57	12.43	11.58	9.83	7.12	5.12	3.16	2.88	81.20
Mean	2.87	3.28	5.85	7.22	8.16	10.44	11.54	11.55	7.84	6.10	4.19	2.93	81.97

Table 10 . Monthly and Annual Evaporation in Inches at the Experiment Station near Chillicothe. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1912	-	-	-	6.63	9.11	8.79	10.69	9.28	7.02	-	-	-	-
1913	-	-	-	7.82	9.76	8.13	11.55	11.61	6.40	-	-	-	-
1914	-	-	-	5.86	4.84	8.35	9.31	7.08	5.77	-	-	-	-
1915	-	-	-	4.31	7.35	7.31	8.53	6.93	5.25	-	-	-	-
1916	-	-	-	5.73	8.73	10.31	10.72	10.67	7.07	-	-	-	-
1917	-	-	-	8.54	7.64	10.66	11.76	9.44	6.96	7.62	-	-	-
1918	-	-	-	6.63	11.06	9.58	11.82	12.98	7.50	4.06	-	-	-
1919	-	-	3.92	5.70	6.36	6.53	8.38	9.52	6.90	3.36	2.45	-	-
1920	-	-	6.10	8.57	10.17	8.25	9.51	5.94	6.64	4.85	3.56	-	-
1921	-	-	3.66	7.77	8.20	9.36	9.20	10.14	8.50	7.18	4.69	-	-
1922	-	-	4.85	5.89	7.03	8.44	10.16	10.49	8.09	5.54	3.09	3.35	-
1923	3.63	2.49	5.80	6.08	10.26	8.79	9.74	10.88	5.80	3.18	2.06	2.04	70.75
1924	2.59	3.27	3.74	6.42	8.02	10.65	8.65	8.40	6.66	4.90	3.40	2.16	68.86
1925	1.38	4.53	7.94	8.13	8.18	10.34	9.37	6.09	4.38	3.18	1.94	2.29	67.75
1926	1.92	4.46	3.94	4.97	7.13	8.25	6.77	6.16	4.56	3.27	2.88	1.87	56.18
1927	1.68	2.56	4.92	6.66	8.88	7.63	7.62	7.00	5.08	3.68	2.84	1.78	60.33
1928	2.54	2.44	5.57	7.21	8.02	8.21	7.54	6.54	5.93	4.46	2.09	1.58	62.13
1929	1.54	1.21	5.07	7.43	5.34	7.96	8.07	8.83	5.28	3.30	1.87	2.39	58.29
1930	.88	3.12	5.52	7.33	7.18	8.66	10.86	10.26	7.71	2.68	2.63	1.28	68.11
1931	1.56	2.08	3.31	4.34	6.33	9.30	8.25	7.40	8.77	4.57	2.25	1.50	59.66
1932	1.59	2.12	4.87	6.53	6.26	7.18	7.86	9.10	4.83	4.98	3.17	1.14	59.63
1933	2.43	2.10	4.83	7.25	6.82	9.87	9.21	7.50	5.18	4.08	1.76	1.61	62.64
1934	2.26	2.84	4.74	5.57	5.95	8.80	11.41	12.46	7.42	5.92	3.40	2.67	73.43
1935	2.72	3.42	6.72	8.37	6.35	9.37	11.67	11.81	5.12	4.80	2.24	1.89	74.48
1936	2.62	2.99	7.96	7.83	8.08	12.14	12.00	13.20	5.80	4.23	3.84	2.16	82.85
1937	1.87	3.98	4.59	7.44	9.55	9.22	11.44	9.52	7.06	4.91	3.64	1.70	74.92
1938	3.34	2.44	6.54	5.47	8.66	9.06	9.28	11.79	8.15	6.89	4.52	3.74	79.88
1939	3.07	3.55	5.80	7.36	8.27	10.19	12.27	8.95	11.09	6.80	3.59	3.36	84.30
1940	2.14	3.05	7.65	6.74	9.15	9.23	13.16	9.74	7.69	5.93	2.36	1.76	78.60
1941	1.99	2.09	3.57	5.24	6.62	7.52	9.01	8.51	6.56	2.90	2.51	1.86	58.38
1942	2.48	3.74	5.90	5.12	8.67	9.51	10.67	9.08	7.30	4.18	3.43	1.34	71.42
1943	2.63	4.45	4.67	6.86	5.33	9.15	9.91	13.12	8.15	5.62	3.75	1.24	74.88
1944	.83	2.10	4.19	7.33	7.26	8.84	8.46	8.59	5.66	3.92	2.92	1.54	61.64
1945	1.90	1.99	4.00	4.94	8.54	9.40	7.92	8.55	6.88	3.08	3.00	2.21	62.41
1946	2.02	3.09	5.72	7.78	7.99	7.73	10.96	10.67	5.10	4.48	2.92	2.46	70.92
1947	1.80	3.59	3.82	4.46	6.14	10.40	10.88	10.72	9.19	5.52	2.78	1.96	71.26
1948	1.82	1.51	3.95	8.14	7.58	8.46	8.42	8.32	7.36	4.49	4.12	3.43	67.60
1949	.87	1.29	4.01	4.51	6.94	8.43	9.79	8.35	5.55	4.30	3.56	2.27	59.87
1950	2.43	3.59	6.19	7.02	5.89	8.68	6.62	7.31	4.45	5.61	4.66	2.29	64.74
1951	2.97	2.15	6.08	7.05	7.59	9.01	10.34	9.83	7.32	4.99	2.30	3.68	73.31
1952	3.26	3.28	4.99	6.12	7.75	12.30	10.61	12.25	8.01	7.23	3.60	2.02	81.42
1953	3.74	4.37	4.89	6.58	8.68	12.13	10.38	8.72	9.16	2.95	1.88	2.20	75.68
Mean	2.21	2.90	5.14	6.57	7.71	9.10	9.78	9.37	6.74	4.69	3.02	2.15	69.38

Table 11 . Monthly and Annual Evaporation in Inches at the Experiment Station near College Station. B.P.I. Pan: 95.5" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1916	2.67	2.83	6.69	6.31	5.93	7.00	6.56	6.93	6.79	5.11	3.08	1.69	61.59
1917	1.97	1.95	4.02	4.71	5.41	9.49	9.28	9.09	5.98	5.92	3.41	2.62	63.85
1918	2.57	1.99	5.05	4.80	6.72	8.35	9.64	7.59	5.55	3.50	2.44	1.99	60.19
1919	1.52	1.94	2.93	4.72	4.88	4.64	6.32	6.08	4.53	3.00	2.58	2.15	45.29
1920	2.50	2.19	4.22	5.78	5.78	5.84	6.96	5.04	5.93	3.96	3.08	1.88	53.16
1921	2.56	2.65	3.52	4.75	6.09	8.73	9.45	7.89	5.92	5.46	3.44	3.22	63.68
1922	2.40	2.08	4.92	3.56	5.29	5.88	7.96	7.55	5.69	5.24	3.01	2.47	56.05
1923	2.48	2.38	3.78	3.60	7.56	6.93	7.33	7.98	4.48	4.06	2.43	2.10	55.11
1924	2.41	2.69	3.22	4.08	5.44	6.26	8.32	8.96	6.62	4.84	3.83	2.79	59.46
1925	1.72	3.56	5.03	6.85	8.11	9.25	9.85	8.14	5.46	3.79	2.83	2.07	66.66
1926	2.18	3.17	3.33	4.03	5.83	6.37	6.56	7.09	5.67	4.16	2.74	1.94	53.07
1927	2.18	2.24	3.28	5.40	6.66	5.88	6.66	7.97	5.40	3.90	3.01	2.94	55.52
1928	2.25	2.21	3.93	4.41	5.73	8.34	9.44	6.71	4.78	4.30	2.67	2.59	57.36
1929	3.10	2.24	4.15	4.73	5.43	7.01	6.10	7.32	5.92	4.89	3.48	1.74	56.11
1930	1.27	2.34	3.64	4.82	4.13	7.24	7.93	8.08	5.54	4.37	2.77	2.03	54.16
1931	1.67	2.71	4.40	3.84	6.19	6.73	6.18	7.10	6.63	5.23	2.76	1.77	55.21
1932	2.11	2.55	4.00	4.74	5.28	5.59	7.62	6.79	4.30	4.12	3.20	1.81	52.11
1933	1.83	1.94	3.84	5.07	5.88	7.72	7.19	6.11	5.36	4.54	3.09	2.42	54.99
1934	1.86	2.51	3.11	4.21	6.33	8.91	9.25	7.97	4.97	4.98	3.43	1.79	59.32
1935	1.80	2.52	4.04	3.78	3.94	5.35	6.93	7.25	4.34	3.64	2.40	2.06	48.05
1936	1.91	1.80	4.09	4.91	4.56	7.04	5.95	6.41	7.92	7.36	5.99	5.91	63.85

Continued on next page

Continued from preceding page

Monthly and Annual Evaporation in Inches at the Experiment Station near College Station. B.P.I. Pan: 95.5" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1937	4.01	6.05	5.60	7.51	6.73	5.77	7.41	6.84	5.54	4.55	2.61	1.47	64.09
1938	2.30	1.76	3.14	3.57	5.45	5.95	6.82	6.39	5.74	4.85	3.16	2.11	51.24
1939	1.90	2.18	3.41	5.40	5.76	5.93	7.95	7.22	6.92	5.39	2.49	2.30	56.85
1940	1.74	2.30	4.21	4.25	5.24	5.76	6.79	7.26	6.45	4.24	2.97	3.11	54.32
1941	2.36	2.30	3.06	3.25	4.65	4.78	5.65	7.22	4.32	3.02	2.46	2.54	45.61
1942	2.44	2.28	3.50	2.93	4.41	5.75	5.38	5.84	4.16	3.53	3.12	2.10	45.44
1943	1.90	2.85	3.12	4.86	5.86	6.08	7.41	6.85	4.83	4.06	2.78	1.82	52.42
1944	1.56	1.98	2.94	4.16	4.31	6.39	7.52	7.10	5.45	4.38	2.11	1.55	49.45
1945	1.76	2.04	2.66	3.92	5.81	6.09	6.63	6.13	4.72	3.16	2.97	2.01	47.90
1946	1.93	2.03	3.39	4.23	4.26	5.45	7.12	7.15	3.86	3.56	2.48	2.06	47.52
1947	1.26	2.64	2.78	3.68	5.78	6.04	6.74	6.03	5.55	4.30	2.90	1.68	49.38
1948	1.81	1.49	3.40	4.69	5.91	7.72	7.29	-	-	-	-	-	-
1949	-	-	3.45	3.50	6.16	6.24	6.35	6.72	5.68	3.80	4.22	2.90	-
1950	2.25	2.06	4.31	3.66	5.37	5.87	6.84	7.64	5.12	4.47	3.85	2.86	54.30
1951	2.64	2.20	5.20	5.52	6.17	7.14	1.32	7.13	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	2.68	-	-
Mean	2.14	2.42	3.87	4.56	5.64	6.65	7.19	7.13	5.47	4.40	3.05	2.31	54.83

Table 12. Monthly and Annual Evaporation in Inches at the Experiment Station near Dalhart. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1908	-	-	-	5.92	10.92	12.07	9.18	9.89	7.95	7.10	-	-	-
1909	-	-	-	8.53	9.90	10.89	11.68	10.56	7.84	-	-	-	-
1910	-	-	-	8.54	8.18	12.02	11.63	8.82	8.44	6.07	-	-	-
1911	-	-	-	7.56	9.90	12.37	9.71	10.90	8.77	-	-	-	-
1912	-	-	-	8.21	10.24	8.48	11.10	9.13	6.75	-	-	-	-
1913	-	-	-	7.69	10.06	8.71	12.70	10.77	6.34	-	-	-	-
1914	-	-	-	6.54	7.81	10.26	8.84	9.06	8.23	-	-	-	-
1915	-	-	-	5.78	8.08	8.74	9.26	7.92	6.85	-	-	-	-
1916	-	-	-	6.60	11.09	10.37	11.02	9.60	7.14	-	-	-	-
1917	-	-	-	8.56	9.07	11.70	11.00	9.61	7.46	-	-	-	-
1918	-	-	-	6.37	10.64	9.16	11.23	10.85	6.32	-	-	-	-
1919	-	-	-	5.58	6.99	7.48	9.86	8.29	6.93	-	-	-	-
1920	-	-	-	7.00	8.05	8.74	7.88	7.62	6.95	-	-	-	-
1921	-	-	-	6.83	7.42	6.91	7.66	7.35	8.30	-	-	-	-
1922	-	-	-	6.40	7.96	9.09	9.58	9.91	6.81	-	-	-	-
1923	-	-	-	6.16	7.47	7.43	8.14	8.34	5.82	-	-	-	-
1924	-	-	-	7.31	7.46	9.41	9.09	9.08	6.39	-	-	-	-
1925	-	-	-	7.39	7.04	9.72	9.04	6.60	5.57	-	-	-	-
1926	-	-	-	4.62	6.31	6.96	8.50	9.27	6.95	-	-	-	-
1927	-	-	-	7.27	10.73	9.53	9.08	6.64	5.17	-	-	-	-
1928	-	-	-	6.61	7.24	7.55	7.54	7.21	7.43	-	-	-	-
1929	-	-	-	7.30	6.43	8.28	9.84	8.18	6.29	-	-	-	-
1930	-	-	-	7.52	9.27	9.97	11.16	9.36	8.07	-	-	-	-
1931	-	-	-	5.19	7.36	10.62	10.53	7.73	8.15	-	-	-	-
1932	-	-	-	7.32	8.34	7.92	10.41	9.86	6.75	-	-	-	-
1933	-	-	-	7.57	10.55	13.08	12.40	10.33	8.47	-	-	-	-
1934	-	-	-	7.93	9.68	11.56	13.40	10.88	7.68	-	-	-	-
1935	-	-	-	7.92	7.34	9.72	11.17	9.57	6.44	-	-	-	-
1936	-	-	-	8.19	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	7.43	9.09	10.89	11.00	9.75	8.88	-	-	-	-
1940	-	-	-	7.36	8.18	10.65	13.07	9.62	7.41	-	-	-	-
1941	-	-	-	5.93	7.05	7.36	7.66	7.02	6.12	-	-	-	-
1942	-	-	-	5.97	9.10	7.85	9.60	7.76	6.32	-	-	-	-
1943	-	-	-	6.62	7.52	9.42	10.18	9.68	7.09	-	-	-	-
1944	-	-	-	5.53	7.34	8.53	8.70	9.23	6.24	-	-	-	-
1945	-	-	-	5.77	8.68	9.70	8.01	8.24	7.62	-	-	-	-
1946	-	-	-	7.60	8.27	9.43	10.87	8.32	6.44	-	-	-	-
1947	-	-	-	5.60	6.75	8.31	8.86	8.41	8.72	-	-	-	-
1948	-	-	-	7.46	7.91	8.44	10.11	7.39	7.25	-	-	-	-
1949	-	-	-	5.06	5.85	7.24	8.55	7.66	6.33	-	-	-	-
1950	-	-	-	7.30	9.46	9.54	7.90	7.41	5.01	-	-	-	-
Mean	-	-	-	6.88	8.42	9.40	9.93	8.84	7.09	-	-	-	-

Table 13 . Monthly and Annual Evaporation in Inches at the Experiment Station near Denton. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1917	2.32	2.90	4.90	6.19	5.78	8.43	8.04	7.22	5.29	6.14	3.38	2.11	62.70
1918	.89	3.67	5.36	5.85	6.71	7.77	9.84	11.15	6.55	4.14	2.57	2.13	66.61
1919	1.31	2.05	3.36	4.95	4.42	5.57	7.07	6.82	4.76	2.85	2.42	1.51	47.09
1920	1.02	2.44	4.54	6.40	4.29	6.67	6.98	4.81	5.40	3.95	2.43	1.88	50.81
1921	1.89	2.52	3.38	4.55	6.20	6.00	8.04	8.79	7.22	6.28	3.40	2.38	60.65
1922	1.76	2.35	4.50	4.33	4.93	5.94	8.83	8.41	7.22	4.92	2.65	2.30	58.14
1923	2.42	1.58	3.80	3.91	6.04	7.56	8.41	9.30	5.48	3.75	1.94	1.31	55.50
1924	1.28	2.44	3.08	5.50	6.63	9.30	9.05	9.67	6.22	4.96	3.72	1.57	63.42
1925	1.85	3.72	5.90	6.81	6.34	9.64	10.71	7.77	6.83	4.45	2.64	2.66	69.32
1926	1.14	3.36	2.86	3.59	5.33	7.11	5.95	7.20	5.69	4.38	3.69	2.88	53.18
1927	1.50	2.48	3.35	4.06	6.74	6.67	6.81	7.20	5.62	3.54	3.16	2.53	53.66
1928	1.69	2.60	4.61	5.02	5.79	6.07	6.79	7.63	6.54	4.96	2.64	1.96	56.30
1929	2.34	.80	3.85	4.97	4.82	8.46	8.10	8.91	5.46	4.37	2.53	1.95	56.56
1930	.93	2.35	4.60	5.32	4.71	7.59	9.65	7.73	6.52	3.76	2.71	1.90	57.77
1931	1.55	1.97	3.77	4.02	5.24	7.40	7.39	8.12	7.76	4.68	2.47	1.65	56.02
1932	2.38	1.64	4.83	5.66	5.61	6.48	7.08	7.64	4.92	4.79	3.47	2.38	56.88
1933	1.92	2.12	4.39	5.84	5.91	8.43	7.97	6.48	5.43	4.19	2.81	2.36	57.85
1934	1.72	2.16	3.79	4.68	6.21	10.12	11.37	10.91	6.60	5.20	3.50	1.81	68.07
1935	1.66	2.42	4.53	4.47	4.67	6.23	7.58	7.92	4.17	3.44	2.18	1.67	50.94
1936	1.67	2.04	5.36	6.21	5.45	8.88	8.94	10.14	6.79	3.61	2.13	1.43	62.65
1937	.87	2.86	3.22	5.17	7.03	7.30	9.41	8.83	6.71	4.51	2.48	1.10	59.49
1938	2.13	1.58	4.04	3.79	5.41	6.83	7.36	8.29	6.94	4.94	3.36	2.36	57.03
1939	2.15	2.24	3.79	5.33	6.80	7.09	9.50	7.83	8.16	5.37	2.34	1.95	62.55
1940	1.27	1.92	4.96	5.04	5.93	5.81	6.87	7.00	5.99	4.28	2.33	1.52	52.92
1941	1.67	1.92	3.09	3.15	5.17	5.47	7.03	6.04	5.23	3.17	2.10	1.57	45.61
1942	1.85	2.51	4.76	4.34	5.65	6.45	7.90	6.30	4.81	3.45	3.15	1.57	52.74
1943	1.91	3.05	3.77	5.29	4.96	6.76	8.17	8.91	5.15	3.91	2.52	1.48	55.88
1944	1.26	1.82	3.04	5.11	4.53	7.38	7.27	8.01	5.03	3.71	2.34	1.88	51.38
1945	1.65	1.97	3.22	3.82	6.53	6.62	5.60	6.56	6.02	3.15	2.77	1.74	49.65
1946	1.60	2.74	3.64	4.94	4.73	6.07	8.31	7.62	3.78	3.60	2.03	1.97	51.03
1947	1.72	2.36	3.11	3.62	4.89	6.25	7.49	7.62	6.25	3.91	2.25	1.37	50.84
1948	1.65	1.16	3.27	5.94	4.98	7.05	6.86	7.60	6.16	4.32	4.21	2.52	55.72
1949	1.48	1.70	3.83	3.76	4.37	5.71	5.70	5.63	4.39	3.25	2.49	1.78	44.09
1950	1.48	2.39	4.28	3.93	4.28	5.03	4.60	5.83	3.38	3.86	3.30	2.13	44.49
1951	2.60	1.62	4.59	5.70	5.59	5.35	7.39	8.00	5.93	4.48	2.99	2.16	56.40
1952	2.44	2.87	3.76	6.09	6.76	7.42	9.86	8.76	6.86	5.88	6.26	1.82	68.78
Mean	1.69	2.29	4.03	4.93	5.54	7.02	7.89	7.85	5.87	4.28	2.87	1.92	56.18

Table 14 . Monthly and Annual Evaporation in Inches at the Experiment Station near Iowa Park. B.P.I. Pan: 96" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1926	1.33	3.47	3.54	4.12	6.53	8.72	8.30	7.98	5.99	4.28	3.88	1.98	60.12
1927	1.75	2.43	4.10	5.92	8.61	8.39	7.96	8.01	6.30	4.58	3.71	2.16	63.92
1928	2.17	2.53	5.69	6.86	7.28	9.08	8.69	8.07	7.16	5.81	2.30	1.90	67.54
1929	2.07	.94	4.34	6.28	5.58	7.68	8.95	9.41	5.60	4.07	2.10	1.80	58.82
1930	.49	2.74	4.86	7.14	6.37	8.18	10.24	7.80	7.77	3.46	2.74	1.76	63.55
1931	1.63	1.82	3.87	4.28	5.95	9.02	9.02	8.26	8.23	4.82	2.52	1.54	60.96
1932	1.77	1.85	5.58	6.57	6.90	7.58	10.44	7.89	4.72	4.95	2.85	1.27	62.37
1933	2.03	2.03	4.35	6.68	6.53	8.79	8.48	6.73	6.06	4.91	2.84	1.92	61.35
1934	1.82	2.39	4.16	4.84	6.33	10.04	10.41	9.66	6.19	4.78	3.03	1.86	65.51
1935	1.79	2.48	4.21	5.05	5.12	6.28	7.65	8.00	4.37	3.80	1.98	1.54	52.27
1936	1.45	2.20	5.24	5.80	6.06	8.52	8.92	9.18	5.33	3.52	2.24	1.53	59.99
1937	.79	2.68	3.26	5.43	6.79	7.25	9.58	7.21	6.41	4.24	2.67	1.12	57.43
1938	2.19	1.86	4.58	4.00	6.06	6.72	7.32	8.37	5.88	4.32	2.72	2.23	56.30
1939	1.96	2.31	4.51	5.97	6.11	7.72	8.65	6.74	6.95	4.54	2.19	1.60	59.25
1940	1.27	1.95	4.76	5.19	6.07	6.03	7.90	6.10	5.32	3.79	2.11	1.01	51.50
1941	1.40	1.58	2.73	2.84	4.71	5.26	6.38	6.01	4.85	3.82	1.83	1.73	43.14
1942	1.48	2.22	3.91	3.63	5.72	6.86	7.67	6.44	4.67	3.09	2.82	1.30	49.81
1943	1.61	2.69	3.53	4.89	5.14	6.88	8.04	8.49	5.35	4.13	2.79	1.19	54.73
1944	1.10	1.64	3.08	5.12	5.24	7.38	6.92	7.57	5.09	3.06	2.13	1.30	49.63
1945	1.16	1.58	2.50	3.33	5.94	6.39	5.81	6.47	6.46	2.80	2.63	1.60	46.67
1946	1.38	2.22	3.90	5.26	6.09	6.91	8.98	8.05	4.65	3.46	2.18	1.55	54.63
1947	1.22	2.17	2.75	3.64	5.06	7.62	7.86	8.48	6.87	4.57	2.22	1.46	53.92
1948	1.54	.97	3.14	5.69	5.70	6.57	7.56	7.48	6.71	4.05	3.06	2.05	54.52
1949	1.36	.82	3.04	3.63	5.15	6.73	7.99	6.81	4.92	3.60	2.56	1.62	48.23
1950	1.49	2.13	4.58	4.87	5.00	6.52	5.20	5.09	4.20	4.14	3.02	1.58	47.82
1951	1.97	1.82	4.09	5.32	5.13	6.08	8.36	8.31	6.31	4.40	1.89	2.04	55.72
1952	1.89	2.52	3.82	4.50	6.08	8.11	8.20	11.63	8.02	6.05	2.96	1.79	65.57
Mean	1.56	2.08	4.00	5.07	5.97	7.46	8.20	7.79	5.94	4.19	2.59	1.64	56.49

Table 15. Monthly and Annual Evaporation in Inches at the Cooperative Station at Lake Kickapoo. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	-	1.87	4.60	9.78	8.98	11.04	10.96	12.63	11.99	-	4.50	3.80	-
1949	-	-	4.71	5.20	-	9.11	10.97	9.14	6.19	4.86	4.34	2.78	-
1950	-	-	-	8.31	5.49	9.22	5.49	7.79	5.31	6.64	5.41	-	-
1951	-	-	5.61	7.96	7.87	8.03	11.45	11.48	8.45	6.36	3.84	-	-
1952	-	3.88	5.83	7.46	9.47	12.27	11.04	13.29	9.32	7.75	4.71	-	-
1953	-	4.66	6.33	7.77	8.77	14.13	10.25	9.03	8.96	5.21	2.96	3.15	-
Mean	-	3.47	5.42	7.75	8.12	10.63	10.03	10.56	8.37	6.16	4.29	3.24	-

Monthly and Annual Evaporation in Inches at the Cooperative Station at Lake Kickapoo. Y. Pan.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	-	1.81	4.60	9.24	8.78	9.39	10.05	10.76	9.48	-	4.95	4.59	-
1949	-	-	4.95	5.39	-	9.39	11.39	10.42	6.40	5.23	4.79	3.27	-
1950	-	-	-	8.42	6.23	9.24	5.48	7.78	4.55	6.19	5.22	-	-
1951	-	-	5.74	7.27	6.31	6.28	10.50	11.09	8.79	6.64	3.75	-	-
1952	-	4.39	5.82	7.21	8.75	11.46	10.98	13.62	10.10	8.53	5.67	-	-
1953	-	4.81	5.99	8.02	8.81	15.15	10.15	9.61	10.16	5.68	3.15	3.73	-
Mean	-	3.67	5.42	7.59	7.78	10.15	9.76	10.55	8.25	6.45	4.59	3.86	-

Monthly and Annual Evaporation in Inches at the Cooperative Station at Lake Kickapoo. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	-	2.64	5.68	11.82	11.85	15.42	13.61	14.06	11.82	8.08	5.72	5.45	-
1949	-	-	6.54	7.62	-	10.98	14.28	11.93	7.57	6.94	5.44	3.42	-
1950	-	-	-	10.96	7.83	11.22	7.60	9.04	6.42	7.32	6.14	-	-
1951	-	-	7.00	10.88	11.02	11.35	13.98	14.25	10.87	7.64	3.68	-	-
1952	-	4.97	7.32	9.47	12.41	16.07	14.43	16.11	11.56	9.21	5.62	-	-
1953	-	-	-	10.28	11.85	18.90	12.88	11.29	11.75	6.57	3.34	3.41	-
Mean	-	3.80	6.64	10.17	10.99	13.99	12.80	12.78	10.00	7.63	4.99	4.09	-

Table 16. Monthly and Annual Evaporation in Inches at the Experiment Station near Lubbock. B.P.I. Pan: 70.5" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1917	1.53	3.45	6.45	8.38	9.14	11.19	11.40	8.91	6.04	6.25	3.21	1.20	77.15
1918	.27	2.30	6.32	8.32	9.26	7.33	9.67	9.30	6.64	4.51	2.49	.96	67.37
1919	.59	3.27	2.45	5.61	5.30	5.41	7.84	7.69	4.77	2.65	1.74	1.62	48.94
1920	.73	2.36	5.30	7.34	5.83	6.37	7.24	5.30	5.32	3.90	1.88	2.35	53.92
1921	2.11	2.18	5.18	7.41	7.28	5.79	6.77	8.44	5.67	4.95	3.33	2.45	61.56
1922	1.62	3.19	5.08	6.36	6.76	6.97	8.94	8.46	7.31	4.72	2.24	2.26	63.91
1923	2.68	2.13	4.55	5.76	7.57	7.84	8.25	7.66	5.12	2.48	1.41	1.14	56.59
1924	1.74	2.22	3.82	6.71	6.74	10.36	8.40	8.32	5.59	3.96	2.96	1.80	62.62
1925	1.29	4.04	6.72	7.47	6.66	9.74	9.66	6.10	4.30	3.37	2.62	1.91	63.88
1926	1.46	3.62	3.31	4.13	6.05	7.23	8.16	7.51	4.72	3.08	2.75	1.12	53.14
1927	1.52	2.36	4.84	7.29	10.67	8.48	8.40	8.67	5.71	4.89	3.79	1.62	68.24
1928	2.42	1.98	5.88	7.91	6.64	10.44	8.96	5.86	6.22	4.80	1.88	1.81	64.80
1929	2.14	1.86	5.20	7.34	6.31	9.17	9.18	8.76	6.06	3.90	1.90	2.18	64.00
1930	.98	3.39	4.85	7.48	7.84	8.46	10.78	9.21	8.15	2.92	2.44	1.05	67.55
1931	1.33	1.84	3.75	4.65	6.47	10.29	9.43	7.52	8.31	4.79	2.20	1.35	61.93
1932	1.64	2.99	5.48	7.27	6.53	7.47	8.57	7.05	4.28	3.59	2.98	1.09	58.94
1933	2.32	2.09	5.35	7.46	8.52	11.54	9.95	8.27	6.10	4.69	2.72	2.59	71.60
1934	2.22	3.08	4.67	6.77	8.48	12.18	12.43	10.35	6.89	5.56	3.32	2.22	78.17
1935	2.82	3.05	5.86	7.77	6.26	8.37	9.57	8.97	4.67	4.09	2.22	1.52	65.17
1936	1.79	2.78	6.25	7.10	7.00	9.60	9.39	10.04	4.31	3.68	2.32	1.50	65.76
1937	1.72	3.11	3.74	6.09	8.09	7.39	9.38	8.04	5.03	3.68	2.68	1.43	60.38
1938	2.10	1.87	5.30	6.21	8.02	7.29	7.07	8.65	5.84	4.84	3.22	2.13	62.54
1939	1.78	2.33	4.53	6.84	6.95	10.00	9.19	7.54	8.06	4.99	2.53	2.05	66.79
1940	1.04	1.63	5.54	6.50	7.63	7.55	10.24	6.95	6.79	4.07	1.93	1.46	61.33
1941	1.69	1.87	3.24	5.15	4.54	6.72	6.85	6.44	4.60	2.66	2.01	1.56	47.33
1942	1.66	2.74	4.85	4.64	8.33	5.27	8.01	7.36	3.96	3.07	2.75	.74	53.38
1943	1.79	3.48	4.29	6.55	5.98	8.38	7.04	9.64	5.68	4.06	2.98	1.07	60.94
1944	1.41	1.76	3.97	6.81	6.86	8.92	7.71	7.62	5.02	3.42	2.28	1.31	57.09
1945	1.63	2.22	4.94	6.05	9.15	10.21	8.07	7.46	7.27	2.98	3.34	1.99	65.31
1946	1.89	3.02	5.10	7.40	7.83	9.92	9.56	9.32	4.54	4.30	2.28	1.74	66.90
1947	1.01	2.41	2.60	5.22	7.98	8.58	8.19	7.84	8.96	5.10	2.72	1.55	62.16
1948	1.31	2.55	5.25	7.59	7.70	8.05	8.95	8.11	6.24	4.46	3.45	2.96	66.62
1949	1.68	2.17	4.60	5.11	5.23	8.06	7.56	8.17	6.50	3.32	4.12	2.52	59.04

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Monthly and Annual Evaporation in Inches at the Experiment Station near Lubbock. B.P.I. Pan: 70.5" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1950	2.81	2.83	5.80	6.07	6.04	6.81	4.83	7.03	4.82	6.44	4.58	2.99	61.05
1951	3.08	3.70	6.76	8.66	9.12	10.50	11.96	9.68	7.94	5.63	2.95	3.02	83.00
1952	2.43	3.74	5.84	6.58	8.52	10.90	8.41	9.35	6.66	5.71	2.89	2.06	73.09
1953	3.27	3.38	5.06	7.42	8.80	11.20	10.69	7.94	8.69	5.12	3.10	2.76	77.43
Mean	1.77	2.68	4.94	6.69	7.38	8.65	8.83	8.09	6.02	4.23	2.71	1.81	63.60

Table 17. Monthly and Annual Evaporation in Inches at the Cooperative Station at Mansfield Dam. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1944	-	-	-	-	-	6.38	7.89	7.34	5.50	4.33	3.05	1.94	-
1945	1.83	3.47	2.90	3.44	6.93	6.12	6.18	7.00	6.66	5.06	3.46	2.45	55.50
1946	1.92	2.26	3.99	4.96	4.18	6.49	9.15	9.12	4.14	3.70	2.83	2.23	54.97
1947	1.01	3.07	3.54	4.23	6.33	9.11	9.85	8.15	8.43	6.66	4.30	2.15	66.83
1948	1.80	1.30	3.82	6.48	6.51	9.35	8.71	9.58	7.47	5.51	4.24	2.98	67.75
1949	1.77	1.44	3.32	3.74	6.55	8.68	9.28	8.67	7.51	4.72	4.34	2.13	62.15
1950	2.11	2.09	5.55	4.13	5.59	7.18	10.46	10.64	6.36	5.88	5.32	3.18	68.49
1951	3.11	1.95	4.48	6.20	6.07	8.70	11.51	12.25	7.17	6.25	4.01	3.03	74.73
1952	2.76	3.66	4.48	4.90	6.35	9.19	8.82	12.54	7.36	6.99	4.12	2.10	73.27
1953	3.16	3.11	3.94	5.93	7.00	10.87	10.07	9.71	5.95	5.14	2.83	3.68	71.39
Mean	2.16	2.48	4.00	4.89	6.17	8.21	9.19	9.50	6.66	5.42	3.85	2.59	65.12

Monthly and Annual Evaporation in Inches at the Cooperative Station at Mansfield Dam. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1944	-	-	-	-	-	7.65	10.48	9.51	6.55	5.04	2.81	1.82	-
1945	2.23	2.88	4.12	4.33	8.41	8.31	7.97	8.26	8.42	6.38	4.35	2.46	68.12
1946	2.57	3.09	5.43	6.83	5.48	8.35	10.56	10.26	4.49	4.05	2.67	2.29	66.07
1947	1.50	3.19	4.53	5.10	6.87	10.58	11.17	9.52	9.22	7.09	3.57	1.87	74.21
1948	1.52	1.54	4.85	7.32	7.79	11.09	10.82	10.78	7.81	5.85	4.47	3.09	76.93
1949	1.48	1.97	4.60	4.55	8.38	9.59	10.47	9.38	8.01	4.74	4.67	1.85	69.69
1950	1.97	2.47	5.94	5.26	7.11	8.75	11.26	11.34	7.02	6.11	4.83	3.02	75.08
1951	3.52	2.49	5.28	7.48	7.17	9.73	12.55	12.19	7.42	6.37	3.52	3.44	81.16
1952	3.14	4.07	5.16	6.05	7.46	9.66	9.88	13.22	8.00	6.99	3.93	2.35	79.91
1953	4.11	3.04	4.66	6.73	7.48	12.34	11.15	9.64	6.74	5.21	2.76	4.13	77.99
Mean	2.45	2.75	4.95	5.96	7.35	9.60	10.63	10.41	7.37	5.78	3.76	2.63	73.64

Table 18. Monthly and Annual Evaporation in Inches at the Experiment Station near Nacogdoches. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1915	1.47	2.04	2.63	2.63	4.32	5.77	6.56	4.38	4.09	3.81	2.21	1.29	41.20
1916	1.12	2.26	4.44	4.15	4.72	4.96	4.40	3.90	4.45	3.73	2.06	1.68	41.87
1917	1.32	2.31	3.37	4.35	4.61	6.88	5.84	7.17	4.46	4.50	2.61	1.71	49.13
1918	1.57	1.76	4.01	3.90	5.45	6.39	7.40	5.80	5.03	2.74	2.52	1.78	48.35
1919	1.39	2.20	3.15	4.80	3.89	3.36	4.94	5.63	4.49	2.27	2.32	1.85	40.29
1920	1.36	2.10	3.53	4.82	4.09	5.31	5.00	3.73	4.26	3.10	2.10	1.57	40.97
1921	1.62	2.08	3.18	3.34	5.21	4.15	4.98	5.97	4.02	3.73	2.21	1.71	42.20
1922	1.52	1.74	2.54	2.94	4.30	4.51	5.09	4.62	4.44	3.86	1.86	1.56	38.98
1923	1.69	1.77	2.73	2.96	4.63	4.85	5.23	6.04	3.01	3.49	1.69	1.19	39.28
1924	1.63	1.76	2.53	3.41	4.24	5.13	7.16	6.98	5.05	4.12	2.73	1.69	46.43
1925	1.45	2.42	3.22	5.18	5.34	7.17	6.24	6.78	5.22	3.40	2.03	1.98	50.43
1926	1.25	2.56	2.37	3.38	5.06	5.26	5.08	6.04	5.22	3.86	2.45	1.47	44.00
1927	1.60	2.30	2.74	4.12	5.10	4.44	5.89	6.87	5.13	3.69	2.71	2.11	46.70
1928	1.72	2.32	3.16	3.81	5.52	5.31	5.68	6.20	4.97	3.98	2.20	1.87	46.74
1929	1.64	1.78	3.18	3.91	3.60	5.28	5.75	6.37	4.88	3.86	2.01	1.18	43.44
1930	1.24	1.76	3.04	4.99	3.88	6.35	7.38	6.45	4.75	3.22	2.12	1.83	47.01
1931	1.69	1.98	2.99	3.35	4.32	6.46	6.48	5.75	5.94	4.25	2.22	2.01	47.44
1932	2.03	1.77	3.53	4.24	4.71	6.06	6.44	5.66	4.56	3.82	2.36	1.55	46.73
1933	1.66	1.91	3.30	4.25	5.49	6.17	5.23	5.71	4.31	3.80	2.87	2.14	46.84
1934	2.01	2.12	3.01	4.17	5.39	6.95	7.44	7.03	4.62	3.74	2.96	2.01	51.45
1935	2.04	2.54	3.69	3.57	4.13	5.31	5.13	6.13	3.98	3.74	2.33	1.80	44.39
1936	1.34	1.61	3.51	4.26	4.59	6.81	5.46	5.83	4.91	3.22	2.23	1.38	45.15

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Monthly and Annual Evaporation in Inches at the Experiment Station near Nacogdoches. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1937	1.43	2.05	2.28	3.68	6.04	5.84	6.47	6.23	4.45	3.93	2.31	1.87	46.58
1938	2.26	2.84	3.24	3.64	5.42	5.72	5.46	5.68	4.81	4.14	2.54	1.73	47.48
1939	1.66	2.20	3.12	4.32	4.68	5.29	6.96	6.12	6.03	4.92	2.10	1.95	49.35
1940	1.26	1.62	3.47	3.84	5.10	5.04	5.01	4.79	4.27	3.28	2.06	1.53	41.27
1941	1.70	1.78	2.74	3.49	4.13	4.25	4.74	4.60	3.99	3.18	1.98	1.74	38.32
1942	2.06	1.91	3.24	3.33	3.94	4.55	5.37	5.61	4.33	3.55	2.53	1.52	41.94
1943	1.68	2.82	3.10	4.24	5.49	5.90	6.26	6.72	4.26	3.92	2.28	1.53	48.20
1944	1.01	1.52	2.70	4.02	3.56	5.59	6.27	6.54	4.50	4.10	1.82	1.32	42.95
1945	1.62	1.79	2.71	3.72	4.95	5.47	5.30	4.85	4.05	2.80	2.30	1.90	41.46
1946	1.42	2.10	3.66	4.53	4.23	4.89	5.60	5.54	3.82	3.33	1.72	1.63	42.47
1947	1.14	2.21	2.72	3.07	4.38	5.52	6.25	6.30	6.05	3.99	2.50	1.42	45.55
Mean	1.56	2.06	3.12	3.89	4.68	5.48	5.83	5.82	4.62	3.67	2.27	1.68	44.68

Table 19. Monthly and Annual Evaporation in Inches at the Experiment Station near Possum Kingdom Dam. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	-	-	-	7.85	7.22	7.92	11.14	11.65	8.04	6.39	3.29	2.94	-
1952	2.76	3.78	5.37	6.61	8.18	11.48	11.23	12.86	8.74	7.28	3.69	2.25	84.23
1953	3.54	3.63	5.48	7.09	8.18	13.98	9.88	9.01	8.96	5.08	2.80	3.18	80.81
Mean	3.15	3.70	5.42	7.18	7.86	11.13	10.75	11.17	8.58	6.25	3.26	2.79	81.24

Monthly and Annual Evaporation in Inches at the Experiment Station near Possum Kingdom Dam. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	-	-	-	7.23	6.40	7.12	10.98	10.02	8.67	7.16	3.68	3.34	-
1952	3.09	4.08	5.43	6.17	7.65	11.26	11.52	13.65	9.68	8.08	4.41	2.56	87.58
1953	3.86	3.84	5.35	7.12	7.77	14.48	10.47	9.58	9.58	5.51	3.21	3.72	84.49
Mean	3.48	3.96	5.39	6.84	7.27	10.95	10.99	11.08	9.31	6.92	3.77	3.21	83.17

Monthly and Annual Evaporation in Inches at the Experiment Station near Possum Kingdom Dam. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	-	-	-	9.54	9.13	9.80	13.21	13.86	9.21	7.66	3.80	3.61	-
1952	3.68	4.97	6.90	8.21	10.37	13.88	13.26	14.52	10.26	8.33	4.63	2.82	101.83
Mean	3.68	4.97	6.90	8.87	9.75	11.84	13.24	14.19	9.74	8.00	4.22	3.22	98.62

Table 20. Monthly and Annual Evaporation in Inches at the Experiment Station near Prairie View. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	-	-	-	5.48	5.83	9.05	8.29	9.63	5.97	5.37	4.02	2.48	-
1952	2.97	3.36	4.88	7.40	8.92	9.25	7.83	7.87	7.24	6.41	3.78	3.63	73.54
1953	2.89	2.42	3.50	5.06	5.08	9.20	7.33	5.46	4.98	4.40	3.03	2.87	56.22
Mean	2.93	2.89	4.19	5.98	6.61	9.17	7.82	7.65	6.06	5.39	3.61	2.99	65.29

Monthly and Annual Evaporation in Inches at the Experiment Station near Prairie View. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	-	-	5.16	5.12	5.23	5.90	8.04	9.63	5.13	5.40	4.45	3.22	-
1952	3.07	3.23	5.16	5.71	6.73	7.89	6.06	7.68	7.25	7.17	4.12	3.83	67.90
1953	3.48	2.80	3.46	5.43	3.86	9.20	5.87	5.30	4.36	4.34	3.37	2.78	54.25
Mean	3.28	3.02	4.59	5.42	5.27	7.66	6.66	7.54	5.58	5.64	3.98	3.28	61.92

Monthly and Annual Evaporation in Inches at the Experiment Station near Prairie View. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	-	-	-	6.89	7.72	8.48	10.69	12.17	7.73	5.97	4.18	3.23	-
1952	3.79	4.71	6.46	8.12	9.17	10.42	8.72	9.74	8.20	7.55	4.43	4.31	85.62
1953	4.36	3.42	4.83	5.81	7.06	9.48	8.15	6.60	5.85	4.74	3.58	2.73	66.61
Mean	4.08	4.06	5.64	6.94	7.98	9.46	9.19	9.50	7.26	6.09	4.06	3.42	77.68

Table 21 . Monthly and Annual Evaporation in Inches at the Experiment Station near Sonora. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1950	-	-	-	-	-	10.82	9.17	9.05	6.58	5.40	4.53	3.08	-
1951	3.21	2.83	6.12	7.84	8.16	9.73	10.71	10.95	7.91	6.22	3.56	3.47	80.71
1952	1.79	4.51	6.39	7.08	8.01	10.61	9.80	11.74	8.85	6.93	3.24	2.17	81.12
1953	3.81	3.72	5.09	7.32	7.53	-	10.55	7.97	5.89	4.65	3.44	2.71	-
Mean	2.94	3.69	5.87	7.41	7.90	10.39	10.06	9.93	7.31	5.80	3.69	2.86	77.85

Monthly and Annual Evaporation in Inches at the Experiment Station near Sonora. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1950	-	-	-	-	-	9.72	9.29	8.40	5.88	4.67	4.43	3.24	-
1951	3.15	2.98	6.03	7.16	6.83	8.39	9.85	10.29	7.85	6.25	3.95	3.92	76.65
1952	1.91	4.55	5.76	6.26	7.08	9.49	9.91	11.35	8.18	7.15	3.84	2.57	78.05
1953	3.99	3.93	4.39	6.97	8.38	-	10.51	8.11	5.11	4.22	3.50	2.99	-
Mean	3.02	3.82	5.39	6.80	7.43	9.20	9.89	9.54	6.76	5.57	3.93	3.18	74.53

Monthly and Annual Evaporation in Inches at the Experiment Station near Sonora. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1950	-	-	-	-	-	12.28	12.31	11.07	7.76	7.08	5.13	3.72	-
1951	4.20	3.80	7.51	9.79	10.24	12.55	13.65	14.15	10.15	7.52	4.49	4.53	102.58
1952	2.48	5.55	6.98	8.67	10.07	12.61	12.21	14.47	9.66	8.24	4.01	2.89	97.84
1953	5.41	4.67	7.14	9.60	11.24	-	13.24	10.16	7.39	5.56	4.18	3.08	-
Mean	4.03	4.67	7.21	9.35	10.52	12.48	12.85	12.46	8.74	7.10	4.45	3.56	97.42

Table 22 . Monthly and Annual Evaporation in Inches at the Experiment Station near Spur. B.P.I. Pan: Standard size pan (72" x 24") up to October 1941 - new tank (4.5' x 1 9') commencing December 1941.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1916	1.48	2.07	6.59	1.96	9.13	10.54	10.76	9.66	6.32	5.92	3.37	3.47	71.27
1917	2.81	3.68	5.41	7.36	8.10	10.51	10.36	9.81	5.98	6.96	3.87	2.78	77.63
1918	1.29	3.36	7.01	7.66	9.90	9.16	10.54	10.27	6.80	5.56	3.58	1.95	77.08
1919	2.62	2.92	3.79	6.18	5.43	5.91	8.19	7.69	5.70	4.79	4.23	3.86	61.31
1920	3.47	4.24	5.08	5.62	5.60	5.92	7.74	6.59	5.76	5.10	3.79	4.23	63.14
1921	3.31	3.55	4.08	6.13	6.98	5.86	6.14	6.63	4.78	5.78	4.26	4.36	61.86
1922	3.10	4.12	5.97	5.94	6.70	7.92	10.94	9.04	7.34	5.14	2.90	2.69	71.80
1923	3.18	2.53	4.46	4.58	8.43	7.70	9.23	8.53	5.69	3.87	2.80	2.86	63.86
1924	2.64	2.98	3.80	6.38	6.41	10.64	8.55	8.62	4.58	4.66	5.18	2.07	66.51
1925	2.43	4.21	5.51	6.48	6.67	9.70	10.10	6.86	5.35	4.44	2.80	2.56	67.11
1926	2.61	3.83	3.49	3.92	5.14	7.50	6.38	6.35	4.97	3.96	3.43	1.52	53.10
1927	2.09	2.64	5.37	7.70	10.21	7.34	8.72	8.23	5.90	4.87	3.55	2.12	68.74
1928	2.89	2.53	6.22	7.64	6.14	9.74	7.98	5.08	6.05	5.39	2.47	2.30	64.43
1929	2.16	1.66	5.53	7.14	6.33	8.86	8.52	8.97	5.62	4.62	2.59	3.30	65.30
1930	1.25	3.77	4.92	7.17	7.36	8.40	11.33	8.91	7.86	3.36	3.15	1.54	69.02
1931	2.00	2.00	4.02	4.42	6.56	9.20	9.12	8.57	9.06	4.88	2.62	1.70	64.43
1932	2.08	3.13	5.67	6.63	6.34	7.71	8.80	7.31	3.62	4.45	3.34	2.21	61.29
1933	2.93	2.59	5.42	8.02	8.68	10.92	9.24	7.22	5.86	5.16	3.42	3.27	72.73
1934	2.78	3.45	5.22	6.32	8.14	11.65	12.76	10.57	7.43	6.23	3.49	2.86	80.90
1935	3.28	3.60	5.65	6.78	6.33	6.92	8.62	8.42	5.09	4.90	2.68	2.04	64.31
1936	2.71	2.66	6.87	6.70	6.67	9.71	8.54	10.03	5.27	4.15	3.09	2.39	68.79
1937	1.92	3.56	4.16	6.54	7.31	8.49	10.07	7.53	5.10	4.94	3.18	1.86	64.66
1938	3.05	2.13	5.63	5.18	8.06	7.62	7.08	9.00	6.90	5.58	4.01	3.09	67.33
1939	2.54	3.00	4.26	7.27	7.83	10.63	10.59	7.42	8.40	5.81	2.90	2.52	73.17
1940	1.80	2.65	6.25	6.94	7.54	7.80	11.03	7.18	7.77	5.39	3.29	2.04	69.68
1941	2.26	2.48	3.66	5.55	4.82	6.83	7.15	7.36	4.44	1.99	3.36	1.99	51.89
Mean	2.49	3.05	5.16	6.24	7.18	8.58	9.17	8.15	6.06	4.92	3.36	2.60	66.96
1942	2.20	3.26	5.83	4.94	7.78	8.26	8.88	7.77	5.06	3.57	3.78	1.18	62.51
1943	2.48	3.89	4.89	7.38	7.05	8.14	6.69	10.13	6.54	5.26	3.60	1.67	67.72
1944	1.88	2.29	4.42	7.84	7.00	9.25	7.67	9.29	6.13	4.12	2.80	1.59	64.28
1945	1.91	2.38	4.82	6.27	9.28	9.48	5.68	7.59	6.53	3.11	3.50	2.27	62.82
1946	2.26	2.71	5.09	7.46	7.33	8.56	10.06	9.53	4.95	3.84	2.98	2.04	66.81
1947	2.30	2.53	3.43	4.95	6.12	8.71	10.66	6.39	7.66	4.86	2.48	1.77	61.86
1948	1.50	1.94	4.70	7.38	7.65	8.28	8.02	7.94	6.71	4.65	3.80	3.36	65.82
1949	1.05	2.28	4.30	4.40	5.08	7.49	7.76	6.29	5.00	3.95	3.62	2.27	53.49
1950	2.40	2.87	6.01	6.81	5.68	7.83	6.36	7.67	4.12	4.68	4.04	2.30	60.77
1951	2.56	2.96	5.77	7.24	7.64	8.88	9.27	8.29	6.26	5.15	3.87	3.35	71.24
1952	2.50	4.04	5.83	6.42	8.60	12.54	8.57	9.36	6.76	5.80	3.47	2.46	76.35
1953	4.06	3.69	6.37	8.42	10.04	11.66	9.09	7.04	7.11	5.72	2.70	2.75	78.65
Mean	2.26	2.90	5.12	6.63	7.44	9.09	8.23	8.11	6.07	4.56	3.39	2.25	66.05

Table 23 . Monthly and Annual Evaporation in Inches at the Experiment Station near Temple. B.P.I. Pan: 96" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1915	2.13	2.84	4.09	3.48	5.83	7.99	9.34	6.90	5.28	4.80	3.68	2.35	58.71
1916	2.32	3.61	5.96	5.24	6.42	8.42	7.64	7.28	7.24	5.05	3.19	2.93	65.30
1917	2.70	3.50	5.06	6.27	6.34	9.17	8.94	8.97	5.47	6.22	3.21	2.51	68.36
1918	2.57	3.02	5.27	5.20	6.92	7.88	10.67	9.89	7.44	4.09	2.73	1.90	67.58
1919	1.78	2.71	3.05	4.68	4.98	5.18	6.19	6.13	4.22	2.91	2.46	1.57	45.86
1920	1.72	2.49	4.49	6.24	5.06	6.46	6.99	4.83	5.53	3.89	2.18	2.32	52.20
1921	2.27	3.02	3.32	3.95	5.75	6.03	7.43	7.97	5.01	5.56	3.29	2.62	56.22
1922	2.02	2.47	3.92	3.50	4.55	6.32	9.42	8.17	5.99	4.85	2.95	2.59	56.75
1923	2.65	2.15	3.74	3.06	5.89	7.28	8.02	8.82	4.45	3.82	2.98	1.22	54.08
1924	1.88	2.18	3.04	4.71	5.19	7.22	8.45	8.92	5.80	3.80	3.23	2.12	56.54
1925	1.98	3.81	5.44	7.47	7.19	8.94	10.72	7.90	6.04	3.96	2.64	2.51	68.60
1926	1.89	3.08	2.67	2.87	4.73	6.53	5.66	7.34	5.67	4.17	3.10	1.71	49.42
1927	2.51	2.40	3.22	4.73	5.80	5.33	7.32	8.90	6.17	6.23	3.12	2.62	58.35
1928	3.27	2.60	5.35	5.74	7.90	7.94	8.88	8.15	5.68	5.52	2.77	2.55	66.35
1929	2.78	2.22	3.91	5.50	6.01	7.50	7.83	9.20	7.38	5.59	2.50	1.95	62.37
1930	1.01	2.80	4.27	5.94	4.45	7.90	10.17	8.72	6.29	3.84	2.80	1.85	60.04
1931	1.69	2.35	4.70	5.04	6.77	7.38	8.10	8.47	8.03	5.36	3.22	1.59	62.70
1932	1.71	2.04	4.78	6.03	5.14	6.55	7.34	6.82	4.51	5.17	3.63	1.57	55.29
1933	1.91	2.28	4.42	6.88	6.92	8.12	8.69	6.79	5.89	4.82	3.20	3.07	62.99
1934	1.84	2.35	3.87	5.05	7.26	9.28	9.47	9.95	6.96	6.31	3.37	2.18	67.89
1935	2.12	2.84	5.02	4.52	4.70	5.60	7.16	7.59	3.98	3.82	2.49	2.13	51.97
1936	2.24	2.25	5.70	6.43	4.76	7.84	6.88	7.86	5.44	3.35	2.24	1.81	56.80
1937	.86	2.89	3.76	5.41	7.57	6.86	8.02	8.14	6.31	4.68	2.65	1.35	58.50
1938	2.53	2.22	4.12	4.29	5.83	6.25	6.58	7.57	6.31	4.87	3.58	3.18	57.33
1939	2.65	2.79	4.19	5.62	6.10	6.34	8.61	6.67	7.67	5.37	3.24	2.84	62.09
1940	1.80	2.47	4.42	4.48	6.13	5.94	5.98	7.21	6.41	4.28	2.87	2.52	54.51
1941	2.18	1.95	2.85	3.66	4.15	4.90	6.41	6.90	5.52	3.47	2.64	1.99	46.62
1942	2.49	2.61	5.00	3.32	4.32	6.14	6.95	6.54	4.57	3.42	3.14	2.14	50.64
1943	2.07	3.53	3.72	5.43	5.74	6.39	6.98	7.77	5.92	4.31	3.15	1.85	56.86
1944	1.40	1.80	2.75	5.11	4.13	6.52	7.78	7.80	5.72	4.63	2.42	1.94	52.00
1945	1.85	1.91	2.99	3.40	6.23	5.94	6.01	6.61	6.28	3.43	3.44	2.39	50.48
1946	1.84	2.36	4.15	4.81	4.25	5.86	7.72	8.42	3.75	3.35	2.68	2.18	51.37
1947	1.37	2.92	3.34	3.44	4.90	7.16	7.74	7.13	6.64	5.10	3.11	1.85	54.70
1948	1.74	1.54	4.03	6.15	5.58	8.12	7.84	8.79	6.69	5.55	4.10	2.99	63.12
1949	1.79	1.56	3.42	3.50	5.69	6.35	8.05	7.17	6.40	3.94	3.90	1.88	53.65
1950	1.60	1.90	5.02	3.72	4.79	5.43	7.16	8.41	4.97	4.92	4.21	2.68	54.81
1951	3.01	2.38	5.69	6.03	5.60	6.19	8.97	10.50	6.29	4.61	3.10	2.72	65.09
1952	2.66	3.67	4.01	4.82	5.69	6.52	7.49	9.97	7.44	7.20	3.46	2.11	65.04
1953	3.01	2.77	3.58	5.13	5.20	7.94	7.53	7.82	5.69	4.18	2.84	2.64	58.38
Mean	2.10	2.57	4.16	4.89	5.65	6.92	7.88	7.92	5.92	4.63	3.06	2.23	57.93

Table 24 . Monthly and Annual Evaporation in Inches at the Experiment Station near Tyler (Lindale). B.P.I. Pan: 96" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1933	2.16	2.91	3.98	4.54	5.59	7.94	6.39	5.57	4.23	3.68	2.63	2.08	51.70
1934	1.67	2.47	4.22	5.47	5.90	8.46	9.48	9.21	5.65	4.76	3.00	1.78	62.07
1935	2.20	2.94	4.48	4.08	4.07	5.60	5.88	7.60	4.18	3.19	1.90	1.69	47.81
1936	1.58	1.34	4.53	5.17	5.10	7.91	6.92	7.39	6.26	3.76	2.86	1.88	54.70
1937	1.64	3.09	3.41	4.71	6.71	6.75	7.74	7.06	5.39	4.41	2.76	1.83	55.50
1938	2.32	2.65	4.81	4.70	6.92	6.66	6.98	7.64	6.51	5.24	3.59	2.47	60.49
1939	2.62	3.07	4.22	5.37	6.41	6.73	8.32	7.78	7.26	5.39	2.80	2.63	62.60
1940	1.51	2.22	4.44	5.29	5.89	6.11	6.61	6.90	5.37	4.14	2.55	2.49	53.52
1941	2.00	2.37	3.80	4.44	5.36	5.66	6.65	6.19	5.10	3.60	2.52	2.21	49.90
1942	2.21	2.36	4.14	4.12	5.11	5.98	6.55	6.09	4.61	3.62	2.81	1.58	49.18
1943	1.89	3.19	3.57	5.28	5.78	6.30	6.76	7.25	4.84	3.48	2.50	1.61	52.45
1944	1.57	2.40	3.30	5.02	4.24	6.38	6.70	6.49	4.71	3.96	2.34	1.80	48.91
1945	1.78	2.44	3.10	4.00	5.93	5.91	5.33	5.45	5.97	3.74	2.96	2.10	48.71
1946	1.67	2.81	4.11	4.57	5.65	5.62	6.59	6.40	4.25	3.61	3.02	2.04	50.34
1947	1.45	2.84	3.76	3.52	5.09	6.28	7.22	6.83	5.58	4.15	2.99	2.13	51.84
1948	1.24	1.18	3.38	6.15	5.38	7.00	7.84	7.87	6.14	4.10	2.97	2.22	55.47
1949	1.31	1.61	3.04	3.54	5.33	5.59	6.42	5.75	5.51	2.94	2.77	1.82	45.63
1950	1.46	2.08	4.32	4.08	5.14	5.87	5.91	6.05	3.74	3.47	3.24	2.22	47.58
1951	2.30	1.71	4.36	5.04	5.86	5.92	-	-	3.13	3.80	2.57	2.13	-
1952	2.04	3.17	3.64	4.07	5.60	5.91	6.78	8.32	6.36	4.89	2.70	1.74	55.22
1953	1.88	2.04	3.87	4.00	5.23	8.20	5.66	5.38	4.70	3.97	2.01	1.87	48.81
Mean	1.83	2.42	3.93	4.63	5.54	6.51	6.84	6.86	5.21	4.00	2.74	2.02	52.53

Table 25. Monthly and Annual Evaporation in Inches at the Experiment Station near Weslaco. B.P.I. Pan: 96" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1932	2.96	3.35	5.52	5.59	5.27	6.95	6.48	7.88	4.24	5.51	3.98	2.53	60.28
1933	2.72	3.18	4.66	5.28	7.32	7.08	6.30	5.97	4.09	4.16	3.08	3.10	56.94
1934	2.00	3.12	4.25	5.21	5.90	7.44	6.55	6.68	3.39	4.55	3.94	2.14	55.17
1935	3.00	3.10	5.28	5.48	6.32	5.45	6.88	7.10	4.36	4.54	2.74	1.92	56.11
1936	2.41	2.27	4.09	5.63	4.83	7.16	5.11	5.99	4.20	3.99	2.69	2.20	50.57
1937	1.97	2.64	2.98	5.58	6.29	7.49	6.44	7.62	5.94	4.79	3.44	1.93	57.11
1938	2.82	2.95	4.28	5.22	5.90	6.71	8.50	6.64	4.85	4.77	3.49	2.54	58.61
1939	2.49	3.33	4.56	5.38	6.04	6.56	8.09	6.48	4.92	4.76	3.25	2.76	58.62
1940	2.35	3.43	3.86	5.22	6.14	6.15	6.51	7.93	5.62	4.59	3.34	2.51	57.61
1941	2.11	2.27	2.43	4.26	4.67	4.62	6.98	6.83	5.07	4.18	3.38	2.06	48.61
1942	2.25	2.02	4.28	4.61	5.62	5.69	6.29	6.04	4.92	4.08	3.43	2.94	52.17
1943	2.18	3.24	4.16	5.44	6.00	6.72	8.00	7.58	4.27	4.00	2.45	1.76	55.81
1944	2.05	2.66	4.07	4.89	5.37	5.84	7.00	6.33	4.72	4.09	2.69	2.27	51.98
1945	2.10	2.88	4.28	4.91	6.84	7.01	7.06	5.91	5.97	4.26	3.59	2.94	57.73
1946	2.12	2.41	4.75	4.82	5.48	6.15	7.99	6.73	4.19	3.85	3.41	2.44	54.34
1947	2.01	2.62	4.05	4.50	5.70	7.10	7.16	4.97	5.68	4.48	3.28	1.45	53.00
1948	2.35	1.85	4.66	6.54	5.54	7.25	6.96	7.19	4.71	4.08	4.51	2.66	58.30
1949	2.41	1.72	3.43	3.71	5.56	6.68	7.26	6.59	4.78	4.38	3.61	2.45	52.50
1950	2.94	3.06	4.61	5.23	7.68	6.00	7.80	7.97	5.27	4.24	4.03	2.84	61.67
1951	3.23	3.52	4.86	5.10	5.62	6.26	7.61	5.83	5.29	4.67	3.16	2.86	58.01
1952	2.77	3.66	4.21	5.67	6.00	6.00	6.02	7.40	5.73	5.01	2.73	2.07	57.27
1953	3.02	2.86	4.53	5.72	6.11	8.17	7.93	6.90	5.88	4.02	3.32	2.48	60.59
Mean	2.47	2.82	4.26	5.18	5.92	6.57	7.04	6.75	4.91	4.41	3.34	2.40	56.07

Table 26. Monthly and Annual Evaporation in Inches at the Cooperative Station at William Harris Reservoir. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	-	-	-	-	-	-	-	-	-	-	4.65	2.42	-
1949	1.89	1.39	3.24	3.83	5.57	6.39	5.78	6.88	5.25	3.87	3.34	2.74	50.17
1950	2.04	2.54	4.54	4.29	6.13	6.41	6.02	6.72	5.17	4.67	3.80	2.71	55.04
1951	2.58	2.33	4.48	4.85	5.40	6.17	6.50	8.82	4.45	4.13	3.17	2.06	54.94
1952	2.29	2.76	4.37	4.54	5.81	6.76	6.09	6.67	6.00	5.34	2.82	1.94	55.39
1953	2.71	2.54	3.14	4.91	5.34	7.09	6.64	5.41	5.40	4.95	2.71	1.84	52.68
Mean	2.30	2.32	3.95	4.48	5.65	6.56	6.21	6.90	5.25	4.59	3.42	2.28	53.91

Monthly and Annual Evaporation in Inches at the Cooperative Station at William Harris Reservoir. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	-	-	-	-	-	-	-	-	-	-	4.54	2.56	-
1949	1.91	1.37	2.86	3.41	4.68	5.68	5.09	6.12	4.48	3.16	3.01	2.72	44.49
1950	2.02	2.39	4.27	4.45	5.33	5.66	5.24	6.04	4.73	4.22	3.78	2.47	50.60
1951	2.50	2.19	4.31	4.24	4.75	5.28	5.78	8.72	4.18	3.89	3.22	2.16	51.22
1952	2.15	2.96	3.64	4.03	4.34	5.64	5.17	5.82	5.38	5.00	2.66	1.86	48.65
1953	2.47	2.24	2.85	4.41	4.65	6.21	6.15	4.44	4.80	4.69	2.93	2.02	47.86
Mean	2.21	2.23	3.59	4.11	4.75	5.69	5.49	6.23	4.71	4.19	3.36	2.30	48.86

Monthly and Annual Evaporation in Inches at the Cooperative Station at William Harris Reservoir. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	-	-	-	-	-	-	-	-	-	-	6.03	2.63	-
1949	1.79	2.12	4.22	4.54	6.79	7.49	6.91	7.90	5.68	4.22	3.85	2.79	58.30
1950	2.90	3.19	5.04	5.84	7.36	7.84	6.92	7.72	5.80	5.30	4.00	3.01	64.92
1951	3.00	2.78	5.27	5.74	6.49	7.54	7.93	10.05	5.23	4.61	3.13	2.39	64.16
1952	2.67	3.19	5.20	5.73	7.22	8.09	7.14	7.74	6.76	5.74	3.26	2.25	64.99
1953	3.25	2.46	4.00	5.51	6.69	8.27	7.66	5.93	6.01	5.11	2.82	1.94	59.65
Mean	2.72	2.75	4.75	5.47	6.91	7.85	7.31	7.87	5.90	5.00	3.85	2.50	62.88

Table 27. Monthly and Annual Evaporation in Inches at the Experiment Station near Winter Haven. B.P.I. Pan: 120" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1931	1.55	2.16	4.77	3.64	4.85	6.27	6.94	7.09	7.28	5.89	3.77	1.65	55.86
1932	2.10	2.34	5.22	5.98	6.21	8.86	8.95	8.14	4.42	4.19	3.09	1.62	61.12
1933	1.74	2.12	4.28	5.98	7.77	8.97	8.91	7.78	6.68	4.57	3.19	2.75	64.74
1934	1.82	2.99	5.12	5.64	7.40	10.05	9.53	9.07	6.85	5.16	3.86	1.82	69.31
1935	1.94	3.12	5.56	5.75	6.33	5.45	7.74	8.98	4.81	4.42	2.25	1.42	57.77
1936	2.21	2.99	4.97	6.46	5.79	7.90	7.50	8.57	5.42	3.58	2.08	1.76	59.23
1937	1.55	3.00	3.58	6.42	7.08	8.30	8.45	9.71	6.76	5.05	3.00	1.24	64.14
1938	2.04	2.16	4.74	4.84	6.44	8.59	9.21	9.01	6.92	5.51	3.74	2.36	65.56
1939	2.11	3.25	5.22	7.18	6.63	8.32	9.32	6.53	6.54	4.29	2.37	1.98	63.74
1940	1.90	2.74	4.22	4.70	5.42	6.03	7.46	7.32	6.44	4.28	2.40	2.00	54.91
1941	1.82	1.86	2.83	4.18	4.71	5.34	7.55	7.65	5.56	4.25	2.63	1.84	50.22
1942	2.22	2.48	4.92	4.25	5.38	7.48	7.30	7.96	4.81	3.96	3.18	2.20	56.14
1943	1.84	2.89	5.13	6.66	7.88	6.14	7.36	8.39	4.40	3.52	2.67	1.33	58.21
1944	1.79	1.96	3.96	5.61	5.17	6.50	8.20	7.35	4.78	4.29	2.41	1.73	53.75
1945	1.84	1.94	3.39	4.50	6.08	6.92	7.45	7.39	6.26	3.09	2.54	2.21	53.61
1946	1.95	2.48	4.70	4.87	3.93	6.38	7.76	7.37	4.68	3.16	2.82	1.95	52.05
1947	1.40	2.49	3.88	4.41	5.21	5.75	7.17	5.66	6.11	4.53	2.53	1.85	50.99
1948	2.04	1.60	4.23	5.30	6.41	7.43	7.44	7.42	5.30	3.10	3.25	2.07	55.59
1949	1.95	1.65	3.39	3.18	4.69	6.13	6.89	6.02	5.69	3.59	2.56	1.28	47.02
1950	1.34	1.72	4.31	3.98	5.00	5.70	7.30	6.63	4.82	3.91	2.75	2.13	49.59
1951	2.26	1.88	4.14	5.04	5.85	10.53	12.60	12.34	8.87	6.71	4.55	3.68	78.45
1952	3.36	4.88	6.01	7.20	8.70	10.35	16.20	13.38	10.09	7.69	4.01	2.47	90.98
1953	3.65	4.08	5.37	8.83	10.92	13.11	13.94	10.84	7.14	4.64	3.34	3.03	88.89
Mean	2.02	2.56	4.52	5.42	6.25	7.67	8.75	8.29	6.11	4.49	3.00	2.02	61.10

Table 28. Monthly and Annual Evaporation in Inches at the Experiment Station near Ysleta. B.P.I. Pan: 72" diameter x 24" deep.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1952	-	-	-	-	-	-	9.03	8.50	8.27	6.16	3.57	-	-
1953	3.42	4.05	6.41	9.38	10.48	11.59	10.40	10.15	7.69	5.63	3.70	1.97	84.87
Mean	3.42	4.05	6.41	9.38	10.48	11.59	9.72	9.32	7.98	5.90	3.64	1.97	83.86

Monthly and Annual Evaporation in Inches at the Experiment Station near Ysleta. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1952	-	-	-	-	-	-	8.81	7.98	8.75	6.27	4.46	-	-
1953	3.56	4.15	6.90	9.95	10.99	10.73	9.83	7.94	7.25	5.47	3.61	2.48	82.86
Mean	3.56	4.15	6.90	9.95	10.99	10.73	9.32	7.96	8.00	5.87	4.04	2.48	83.95

Monthly and Annual Evaporation in Inches at the Experiment Station near Ysleta. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1952	-	-	-	-	-	-	11.54	10.27	10.07	7.22	4.12	-	-
1953	4.33	4.86	8.61	12.83	14.36	15.30	12.79	11.57	9.49	6.70	4.92	2.56	108.32
Mean	4.33	4.86	8.61	12.83	14.36	15.30	12.16	10.92	9.78	6.96	4.52	2.56	107.19

Table 29. Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Amarillo from 1892 through 1906 and at the Experiment Station, about 4 miles West of Amarillo, from 1907 through 1952.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1892	.42	.57	2.10	.21	2.70	1.49	1.85	1.93	.24	2.85	.16	1.08	15.60
1893	.09	2.03	T	.16	2.19	2.03	2.05	2.67	5.27	.03	.28	.43	17.23
1894	.02	1.15	.05	.85	1.30	3.59	1.82	3.41	2.41	.39	.00	.82	15.81
1895	1.60	1.92	.16	1.31	1.78	6.84	2.88	3.87	.57	2.26	.81	.79	24.79
1896	.76	.41	.21	1.95	2.20	2.31	7.04	.63	2.45	3.09	.35	2.88	24.28
1897	2.26	.65	.47	1.08	4.44	2.32	2.16	2.71	.73	1.63	.08	.63	19.16
1898	.86	.82	.35	.98	3.52	4.81	3.88	4.03	.48	.41	.34	2.06	22.54
1899	.29	.07	.17	.23	3.12	4.45	6.96	.51	6.09	1.15	3.24	1.11	27.39
1900	.59	.47	.48	5.47	4.53	1.84	3.21	.83	5.25	1.58	.08	.07	24.40
1901	.03	.48	.02	4.90	5.99	.92	1.56	3.03	2.19	3.26	2.00	.04	24.42
1902	.04	T	.74	1.83	9.14	2.01	1.45	2.42	.95	1.74	2.24	.55	23.11
1903	.12	2.93	.26	.90	1.79	2.83	3.38	4.67	.82	2.58	.00	T	20.28
1904	.16	.08	T	.63	2.88	5.53	2.48	4.69	3.55	.44	.20	.69	21.33
1905	1.00	1.52	2.62	4.52	6.16	2.19	3.76	.63	3.08	.30	5.09	1.45	32.32
1906	.41	.51	.64	3.23	1.18	2.07	2.90	6.76	1.96	2.49	2.58	.19	24.92
Mean	.58	.91	.55	1.88	3.53	3.02	3.16	2.85	2.40	1.61	1.16	.85	22.50
1907	1.11	.24	.02	1.25	.99	1.97	1.49	6.20	.91	1.79	.66	1.46	18.09
1908	.26	.72	T	1.90	3.55	1.73	5.40	2.75	1.83	.40	.51	.00	19.05
1909	.07	.28	1.28	.50	1.00	4.72	3.63	.87	2.19	1.18	3.25	.54	19.59
1910	.05	.17	.34	.59	2.99	.66	3.57	2.19	.05	.26	.28	T	11.15
1911	.13	2.88	.50	2.76	5.88	.20	3.85	2.97	.83	.84	.94	.95	22.73
1912	T	1.94	.82	.72	1.67	1.90	1.88	2.28	2.28	.39	.02	1.18	15.08
1913	.11	.55	.59	1.76	1.41	2.32	1.80	.61	4.19	.81	1.98	2.84	18.97
1914	.06	.10	.15	.95	4.43	.84	3.07	2.97	1.07	4.46	T	1.17	19.27
1915	.72	1.60	1.00	5.05	1.70	1.04	4.14	5.85	4.69	1.55	.18	.13	27.65
1916	.36	.02	.57	1.71	.89	2.18	.94	3.82	1.76	2.90	.40	.88	16.43
1917	.69	.22	.25	.71	2.49	.83	2.68	6.17	2.05	.34	.59	.04	17.06
1918	1.01	.26	1.06	.48	2.23	1.44	2.23	2.36	.64	2.47	1.16	2.78	18.12
1919	T	.73	1.73	2.56	2.08	2.94	1.75	3.21	4.88	.67	1.26	.50	22.01
1920	1.11	.18	.51	.64	2.57	2.56	1.85	5.52	3.04	1.87	1.33	.64	21.82
1921	2.10	1.19	.68	.39	2.09	7.75	4.17	5.77	.76	.28	T	.06	25.24
1922	.78	1.44	4.06	3.25	1.60	3.77	1.04	.78	1.41	.23	1.39	.10	19.85
1923	.00	1.71	2.97	3.22	1.70	9.76	1.85	1.54	6.42	7.34	2.13	1.11	39.75
1924	.13	.56	1.75	.87	.67	2.82	3.66	3.57	1.13	.86	1.25	.63	17.90
1925	.51	.06	.11	1.33	1.94	1.71	5.13	3.19	4.88	3.35	.95	.37	23.53
1926	.48	.06	1.67	3.74	3.98	3.17	2.27	1.76	5.72	2.15	.29	.96	26.25
1927	.18	.23	.46	1.95	.07	1.51	1.68	5.31	3.40	.14	.02	.47	15.42
1928	T	1.11	.86	.77	6.48	3.45	5.39	6.15	1.31	2.77	3.54	.51	32.34
1929	.16	.34	1.84	T	3.19	.77	1.76	4.54	1.97	3.28	.91	.11	18.87
1930	.57	.00	1.27	2.19	1.49	4.47	2.42	1.61	.20	2.57	.33	.46	17.58
1931	.31	1.83	1.69	1.57	3.11	.69	1.40	2.19	.51	.92	2.89	1.24	18.35
1932	1.60	.41	.42	2.21	1.02	9.24	1.22	.70	2.79	.64	.02	.87	21.14
1933	.02	.29	.56	.64	2.01	.05	.66	6.02	.88	.49	.58	.02	12.22
1934	.09	.09	2.83	.77	3.21	1.94	.19	1.51	.96	.21	1.13	.40	13.33
1935	.75	.22	1.14	.05	2.57	.28	.81	5.32	2.03	.87	1.27	.18	15.49
1936	1.02	.25	T	.25	9.02	.84	.51	1.39	4.74	.82	T	.88	19.72
1937	.29	.18	1.10	.39	6.83	2.83	1.49	.64	2.61	.31	.14	.29	17.10
1938	.18	2.87	1.24	1.07	4.03	2.49	1.88	.15	1.62	3.06	.43	.08	19.10
1939	2.36	.05	.09	1.87	1.17	4.13	1.42	2.99	.11	1.04	.06	.79	16.08
1940	.15	.49	.09	.68	4.15	1.13	.24	.82	.55	.31	3.44	.08	12.13
1941	.03	.19	1.81	1.17	5.66	4.05	3.06	3.26	3.43	9.14	.21	.55	32.56
1942	.11	.14	.43	4.78	.20	1.22	.58	3.53	1.68	4.35	.00	1.48	18.50
1943	T	.00	.05	.61	2.90	2.12	5.26	1.33	1.15	.05	.18	3.41	17.06
1944	.76	.73	T	1.80	3.02	3.52	2.66	3.58	2.68	.69	1.22	1.03	21.69
1945	.79	.16	.31	.63	.36	1.55	1.30	2.70	4.44	.68	T	.01	12.93
1946	.55	.10	.29	.37	1.03	2.03	.30	1.57	1.44	7.23	.68	.29	15.88
1947	.09	T	.33	1.22	5.64	2.03	.84	1.94	.26	.12	.97	.91	14.35
1948	.15	2.04	.55	.29	3.32	2.25	1.88	5.09	1.18	.83	2.79	.01	20.38
1949	1.81	.60	.36	2.35	6.69	3.45	3.18	1.94	2.51	1.17	.00	.46	24.52
1950	T	.33	.00	.38	1.12	5.05	6.99	2.16	3.93	.11	.02	.21	20.30
1951	.58	.80	.76	.13	6.25	3.38	2.46	2.17	.98	1.23	.28	.29	19.31
1952	.43	.11	.73	2.97	1.40	2.00	2.64	2.69	.33	.00	1.04	.43	14.77
Mean	.49	.62	.85	1.42	2.86	2.62	2.36	2.95	2.13	1.68	.88	.69	19.55
Total Mean	.51	.69	.78	1.54	3.03	2.72	2.56	2.92	2.20	1.66	.95	.73	20.29

Table 30. Monthly and Annual Rainfall in Inches at the Experiment Station near Amarillo.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1907	1.11	.24	.02	1.25	.99	1.97	1.49	6.20	.91	1.79	.66	1.46	18.09
1908	.26	.72	T	1.90	3.55	1.73	5.40	2.75	1.83	.40	.51	.00	19.05
1909	.07	.28	1.28	.50	1.00	4.72	3.63	.87	2.19	1.18	3.25	.54	19.59
1910	.05	.17	.34	.59	2.99	.66	3.57	2.19	.05	.26	.28	T	11.15
1911	.13	2.88	.50	2.76	5.88	.20	3.85	2.97	.83	.84	.94	.95	22.73
1912	T	1.94	.82	.72	1.67	1.90	1.88	2.28	2.28	.39	.02	1.18	15.08
1913	.11	.55	.59	1.76	1.41	2.32	1.80	.61	4.19	.81	1.98	2.84	18.97
1914	.06	.10	.15	.95	4.43	.84	3.07	2.97	1.07	4.46	T	1.17	19.27
1915	.72	1.60	1.00	5.05	1.70	1.04	4.14	5.85	4.69	1.55	.18	.13	27.65
1916	.36	.02	.57	1.71	.89	2.18	.94	3.82	1.76	2.90	.40	.88	16.43
1917	.69	.22	.25	.71	2.49	.83	2.68	6.17	2.05	.34	.59	.04	17.06
1918	1.01	.26	1.06	.48	2.23	1.44	2.23	2.36	.64	2.47	1.16	2.78	18.12
1919	T	.73	1.73	2.56	2.08	2.94	1.75	3.21	4.58	.67	1.26	.50	22.01
1920	1.11	.18	.51	.64	2.57	2.56	1.85	5.52	3.04	1.87	1.33	.64	21.82
1921	2.10	1.19	.68	.39	2.09	7.75	4.17	5.77	.76	.28	T	.06	25.24
1922	.78	1.44	.406	3.25	1.60	3.77	1.04	.78	1.41	.23	1.39	.10	19.85
1923	.00	1.71	2.97	3.22	1.70	9.76	1.85	1.54	6.42	7.34	2.13	1.11	39.75
1924	.13	.56	1.75	.87	.67	2.82	3.66	3.57	1.13	.86	1.25	.63	17.90
1925	.51	.06	.11	1.33	1.94	1.71	5.13	3.19	4.88	3.35	.95	.37	23.53
1926	.48	.06	1.67	3.74	3.98	3.17	2.27	1.76	5.72	2.15	.29	.96	26.25
1927	.18	.23	.46	1.95	.07	1.51	1.68	5.31	3.40	.14	.02	.47	15.42
1928	T	1.11	.86	.77	6.48	3.45	5.39	6.15	1.31	2.77	3.54	.51	32.34
1929	.16	.34	1.84	T	3.19	.77	1.76	4.54	1.97	3.28	.91	.11	18.87
1930	.57	.00	1.27	2.19	1.49	4.47	2.42	1.61	.20	2.57	.33	.46	17.58
1931	.31	1.83	1.69	1.57	3.11	.69	1.40	2.19	.51	.92	2.89	1.24	18.35
1932	1.60	.41	.42	2.21	1.02	9.24	1.22	.70	2.79	.64	.02	.87	21.14
1933	.02	.29	.56	.64	2.01	.05	.66	6.02	.88	.49	.58	.02	12.22
1934	.09	.09	2.83	.77	3.21	1.94	.19	1.51	.96	.21	1.13	.40	13.33
1935	.75	.22	1.14	.05	2.57	.28	.81	5.32	2.03	.87	1.27	.18	15.49
1936	1.02	.25	T	.25	9.02	.84	.51	1.39	4.74	.82	T	.88	19.72
1937	.29	.18	1.10	.39	6.83	2.83	1.49	.64	2.61	.31	.14	.29	17.10
1938	.18	2.87	1.24	1.07	4.03	2.49	1.88	.15	1.62	3.06	.43	.08	19.10
1939	2.36	.05	.09	1.87	1.17	4.13	1.42	2.99	.11	1.04	.06	.79	16.08
1940	.15	.49	.09	.68	4.15	1.13	.24	.82	.55	.31	3.44	.08	12.13
1941	.03	.19	1.81	1.17	5.66	4.05	3.06	3.26	3.43	9.14	.21	.55	32.56
1942	.11	.14	.43	4.78	.20	1.22	.58	3.53	1.68	4.35	.00	1.48	18.50
1943	T	.00	.05	.61	2.90	2.12	5.26	1.33	1.15	.05	.18	3.41	17.06
1944	.76	.73	T	1.80	3.02	3.52	2.66	3.58	2.68	.69	1.22	1.03	21.69
1945	.79	.16	.31	.63	.36	1.55	1.30	2.70	4.44	.68	T	.01	12.93
1946	.55	.10	.29	.37	1.03	2.03	.30	1.57	1.44	7.23	.68	.29	15.88
1947	.09	T	.33	1.22	5.64	2.03	.84	1.94	.26	.12	.97	.91	14.35
1948	.15	2.04	.55	.29	3.32	2.25	1.88	5.09	1.18	.83	2.79	.01	20.38
1949	1.81	.60	.36	2.35	6.69	3.45	3.18	1.94	2.51	1.17	.00	.46	24.52
1950	T	.33	.00	.38	1.12	5.05	6.99	2.16	3.93	.11	.02	.21	20.30
1951	.58	.80	.76	.13	6.25	3.38	2.46	2.17	.98	1.23	.28	.29	19.31
1952	.43	.11	.73	2.97	1.40	2.00	2.64	2.69	.33	.00	1.04	.43	14.77
1953	.40	.02	.41	.18	.81	.03	4.84	2.73	.54	5.18	.33	.64	16.11
Mean	.49	.62	.85	1.42	2.86	2.62	2.36	2.95	2.13	1.68	.88	.69	19.55

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Amarillo.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1892	.42	.57	2.10	.21	2.70	1.49	1.85	1.93	.24	2.85	.16	1.08	15.60
1893	.09	2.03	T	.16	2.19	2.03	2.05	2.67	5.27	.03	.28	.43	17.23
1894	.02	1.15	.05	.85	1.30	3.59	1.82	3.41	2.41	.39	.00	.82	15.81
1895	1.60	1.92	.16	1.31	1.78	6.84	2.88	3.87	.57	2.26	.81	.79	24.79
1896	.76	.41	.21	1.95	2.20	2.31	7.04	.63	2.45	3.09	.35	2.88	24.28
1897	2.26	.65	.47	1.08	4.44	2.32	2.16	2.71	.73	1.63	.08	.63	19.16
1898	.86	.82	.35	.98	3.52	4.81	3.88	4.03	.48	.41	.34	2.06	22.54
1899	.29	.07	.17	.23	3.12	4.45	6.96	.51	6.09	1.15	3.24	1.11	27.39
1900	.59	.47	.48	5.47	4.53	1.84	3.21	.83	5.25	1.58	.08	.07	24.40
1901	.03	.48	.02	4.90	5.99	.92	1.56	3.03	2.19	3.26	2.00	.04	24.42
1902	.04	T	.74	1.83	9.14	2.01	1.45	2.42	.95	1.74	2.24	.55	23.11
1903	.12	2.93	.26	.90	1.79	2.83	3.38	4.67	.82	2.58	.00	T	20.28
1904	.16	.08	T	.63	2.88	5.53	2.48	4.69	3.55	.44	.20	.69	21.33
1905	1.00	1.52	2.62	4.52	6.16	2.19	3.76	.63	3.08	.30	5.09	1.45	32.32
1906	.41	.51	.64	3.23	1.18	2.07	2.90	6.76	1.96	2.49	2.58	.19	24.92
Mean	.58	.91	.55	1.88	3.53	3.02	3.16	2.85	2.40	1.61	1.16	.85	22.50

Table 31. Monthly and Annual Rainfall in Inches at the Experiment Station near Angleton.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1915	2.96	4.03	3.53	2.25	2.66	.00	3.95	13.87	6.29	2.49	2.04	4.74	48.81
1916	1.62	.13	.42	1.64	6.59	5.37	5.66	5.43	3.55	1.08	1.68	2.13	35.30
1917	2.34	2.98	.75	2.37	6.04	.44	3.12	1.66	1.15	.49	.84	.56	22.74
1918	.27	.85	2.30	5.65	1.68	1.41	2.48	3.51	2.87	5.67	6.91	3.93	37.53
1919	6.20	2.59	9.21	1.35	5.27	16.57	6.55	5.42	3.62	5.93	2.30	1.78	66.79
1920	6.02	1.85	1.36	.54	3.64	5.83	4.76	9.10	2.49	6.81	3.83	3.05	49.28
1921	3.33	.43	3.97	3.88	1.25	8.12	3.94	1.60	3.66	1.05	3.27	3.73	38.23
1922	5.87	1.65	8.49	2.17	4.98	15.05	9.29	2.92	5.67	7.02	1.80	3.05	67.96
1923	1.36	6.28	6.07	5.39	1.49	5.59	8.75	2.85	6.88	3.55	3.79	10.72	62.72
1924	4.74	5.13	2.24	1.15	4.64	4.62	1.06	3.94	1.83	.02	1.01	8.36	38.74
1925	3.25	.27	.78	1.23	1.49	3.73	6.52	2.71	7.06	10.54	5.31	3.72	46.61
1926	3.55	.99	6.65	2.57	3.83	2.31	5.32	2.47	1.59	3.98	1.67	3.50	38.43
1927	1.40	1.85	1.34	2.78	.14	4.42	2.72	.09	6.74	2.45	2.12	7.66	33.71
1928	.78	6.05	.74	1.38	2.75	4.75	.40	2.63	4.51	2.66	3.51	4.86	35.02
1929	4.54	1.29	5.08	2.94	8.35	2.21	4.45	3.17	1.82	5.41	6.71	5.08	51.05
1930	3.71	2.72	1.23	1.73	5.73	.45	2.95	2.56	3.61	9.79	4.93	3.75	43.16
1931	4.28	4.73	3.12	1.27	2.59	1.36	5.03	1.34	.96	3.99	3.07	9.07	40.81
1932	5.85	4.24	1.12	5.58	2.40	1.33	.79	12.55	5.66	2.71	1.66	2.73	46.62
1933	2.18	4.87	2.92	.40	2.96	.64	12.34	2.85	3.87	3.45	2.24	3.77	42.49
1934	9.59	3.24	4.17	4.95	4.09	.12	6.95	3.38	5.31	.47	10.30	4.57	57.14
1935	1.87	5.14	1.95	3.62	5.01	5.18	5.17	.31	12.09	4.37	1.08	8.87	54.66
1936	2.03	2.31	2.31	3.45	9.43	.56	8.11	3.57	5.19	2.56	2.61	3.93	46.06
1937	2.34	.92	4.86	.71	.45	4.85	1.81	3.94	3.73	3.52	3.41	7.44	37.98
1938	4.93	1.83	1.08	1.46	5.19	4.05	2.28	2.87	6.70	4.34	3.52	2.87	41.12
1939	4.18	3.13	1.03	2.05	2.69	4.94	15.50	1.86	3.00	1.07	2.12	2.27	43.84
1940	2.30	3.72	1.33	1.79	1.68	1.47	4.43	2.11	4.46	7.25	7.20	7.58	45.32
1941	2.32	3.32	5.13	7.28	2.64	4.16	8.64	6.41	17.49	9.22	2.34	1.93	70.88
1942	1.75	4.87	3.19	2.12	.32	5.39	9.16	7.24	5.72	.63	3.84	3.18	47.41
1943	3.10	2.63	3.60	2.96	1.01	2.99	9.24	1.67	2.01	.56	7.26	5.69	42.72
1944	10.46	1.97	8.10	.90	8.02	1.15	.68	8.22	8.39	.08	3.87	5.29	57.13
1945	1.41	3.60	6.42	5.65	4.01	3.02	7.69	12.64	2.15	4.12	1.11	7.09	58.91
1946	7.61	3.82	3.92	2.65	11.22	6.44	3.25	5.50	10.44	6.13	13.21	2.99	77.18
1947	3.05	1.00	5.54	1.96	10.23	2.02	4.78	9.37	2.49	1.30	5.81	4.73	52.28
1948	3.94	4.23	1.63	1.29	2.53	3.46	2.72	4.36	6.68	.83	4.21	.30	36.18
1949	3.83	6.66	5.69	14.94	1.12	4.41	7.44	5.58	2.09	21.59	.17	9.88	83.40
1950	3.93	3.79	1.06	4.95	1.69	7.05	4.59	1.20	1.76	.26	.16	1.49	31.93
1951	4.27	.75	5.89	2.06	1.93	3.56	3.46	3.16	9.25	1.07	.16	1.59	37.15
1952	1.13	7.41	3.17	4.21	3.50	1.76	7.70	2.35	4.64	.00	7.29	6.66	49.82
1953	.65	4.96	.08	.52	11.08	4.88	2.82	13.58	.80	3.69	5.68	3.90	52.64
Mean	3.56	3.13	3.37	2.97	4.01	3.99	5.29	4.62	4.83	3.90	3.69	4.58	47.94

Table 32. Monthly and Annual Rainfall in Inches at the Experiment Station near Balmorhea.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1916	.17	.05	.12	2.00	T	T	.45	2.54	1.56	1.79	.05	.01	8.74
1917	.08	T	.06	.02	.05	.06	T	.77	1.57	T	T	.00	2.61
1918	.16	.07	T	T	.97	.17	.64	2.05	.60	1.20	3.02	.59	9.47
1919	.34	.06	.87	.18	.64	1.30	.97	.62	4.22	2.87	1.34	.12	13.53
1920	2.01	.78	T	T	2.38	3.08	1.10	6.96	1.30	1.38	.71	.00	19.70
1921	.01	.37	.32	.02	3.07	4.12	2.30	.54	.87	T	T	T	11.62
1922	.29	T	.09	2.09	1.11	1.06	1.91	.37	.71	.60	.62	.00	8.85
1923	.87	2.14	.89	.43	.09	1.22	3.97	4.62	.90	1.48	1.48	2.17	20.26
1924	T	1.98	.33	.46	.02	T	1.50	.21	2.64	1.74	T	.23	9.11
1925	T	.00	.00	2.22	1.43	.13	2.13	3.73	2.27	2.65	T	.09	14.65
1926	.59	.00	1.68	.75	1.50	1.36	2.60	2.68	2.09	2.69	.74	1.62	18.30
1927	.13	.44	.63	T	.37	.54	.94	.46	3.74	.37	.00	.58	8.20
1928	.01	.12	.03	.39	1.33	.66	4.97	4.62	3.06	.93	.64	.12	16.88
1929	.00	.77	.93	.84	1.28	1.33	.59	.92	2.13	1.81	.33	.23	11.16
1930	.32	.16	.47	1.50	.93	4.87	.72	2.82	.47	1.98	.85	.73	15.82
1931	1.13	.90	.89	3.47	1.35	1.69	1.25	1.47	.43	.21	.86	2.25	15.90
1932	.48	3.79	.58	.45	2.19	.48	1.55	3.60	11.64	1.20	T	2.19	28.15
1933	.08	.61	T	.03	.22	.42	.60	1.09	.92	2.20	.22	.03	6.42
1934	.39	.07	.29	.32	.23	1.03	.52	.81	.14	T	.08	.01	3.89
1935	T	.71	T	.45	1.58	.97	.50	3.20	2.57	1.06	.34	1.05	12.43
1936	.54	.00	.82	.09	2.65	.48	.95	.59	5.15	.56	1.81	.11	13.75
1937	T	.45	.35	.93	1.94	1.10	.85	.80	1.43	2.89	.44	.87	12.05
1938	1.46	.74	.07	.09	.82	3.98	5.14	.96	1.59	.78	.00	.55	16.18
1939	1.71	.04	.43	.44	.71	2.99	3.48	2.17	.16	1.38	1.62	.39	15.52
1940	.49	.58	.35	.22	.98	3.85	.53	4.04	.10	4.70	1.46	.32	17.62
1941	1.51	1.26	.48	2.17	5.32	3.77	1.07	1.89	4.94	4.89	.08	.38	27.76

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Monthly and Annual Rainfall in Inches at the Experiment Station near Balmorhea.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1942	.21	.34	.22	.47	1.45	1.11	1.07	3.75	.63	.52	.23	1.52	11.52
1943	.15	T	T	.10	1.99	1.16	.59	.37	1.25	1.68	.80	.67	8.76
1944	.82	1.01	.00	T	.29	1.57	1.04	2.06	4.99	.15	1.28	1.33	14.54
1945	.16	.03	2.00	.07	.43	.17	6.60	1.22	.47	3.29	.00	.02	14.46
1946	4.05	T	T	.47	.43	1.74	.85	.33	2.23	2.31	.23	1.44	14.08
1947	1.29	T	.85	.22	2.17	.88	.44	1.17	.55	.15	1.20	.66	9.58
1948	.25	.32	.06	.52	.60	.46	.85	1.35	.79	.77	T	.55	6.52
1949	2.69	.29	.01	2.04	1.05	2.26	2.35	1.11	2.05	1.37	.00	.22	15.44
1950	.06	.14	.00	.66	.39	.60	2.73	.33	3.39	.47	.00	T	8.77
1951	.02	.18	1.07	T	1.40	.65	1.57	.66	.39	.23	.10	.10	6.37
1952	.07	.40	T	1.69	1.47	1.94	4.00	.17	.47	.00	.93	.66	11.80
1953	.08	.06	T	.32	.32	.43	.49	.15	.30	2.59	.01	.56	5.31
Mean	.60	.50	.39	.69	1.19	1.41	1.68	1.77	1.97	1.44	.56	.59	12.79

Table 33. Monthly and Annual Rainfall in Inches at the Experiment Station near Beaumont.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1917	3.20	2.35	1.36	2.92	1.68	.74	2.29	3.97	1.88	1.43	.63	1.69	24.14
1918	1.44	6.41	1.97	6.10	.46	2.63	3.14	3.17	4.34	5.26	9.05	4.67	48.64
1919	9.73	3.98	5.43	2.28	6.91	10.02	5.36	3.93	1.88	19.45	3.88	5.15	78.00
1920	7.93	3.23	3.52	.37	7.64	7.38	4.44	4.47	2.50	5.85	4.35	6.09	57.77
1921	4.80	1.02	4.53	7.88	2.40	10.21	7.26	.99	7.47	.89	2.54	4.17	54.16
1922	7.52	4.28	5.71	5.55	4.53	7.51	6.88	2.57	1.38	3.81	1.70	3.51	54.95
1923	3.17	7.23	3.90	9.97	14.23	3.18	3.12	9.53	7.41	3.33	3.25	16.73	85.05
1924	4.75	5.20	2.22	5.83	1.88	5.20	1.10	.45	3.18	.20	.85	5.27	36.13
1925	6.27	1.30	.89	2.91	.29	3.03	3.75	2.26	5.09	7.84	8.90	2.61	45.14
1926	3.96	1.70	10.99	4.83	3.66	5.06	3.46	4.15	1.96	4.39	2.81	5.29	52.26
1927	2.01	4.26	4.97	2.74	1.43	5.36	4.86	.03	1.78	1.39	2.92	10.36	42.11
1928	.45	4.34	3.12	3.27	.28	15.02	3.71	2.42	4.82	3.15	4.59	2.83	48.00
1929	6.04	5.46	5.87	4.31	8.29	3.75	3.68	1.17	2.33	3.32	14.62	2.50	61.34
1930	5.30	3.84	3.09	.74	3.87	.17	5.11	4.90	4.51	6.31	4.69	5.94	48.47
1931	4.26	5.78	3.15	1.21	3.22	1.60	4.41	4.36	2.85	3.48	5.04	9.08	48.44
1932	8.65	6.03	1.34	2.66	1.52	1.62	1.93	4.26	5.31	1.94	1.53	4.31	41.10
1933	4.29	4.59	3.66	1.38	4.24	4.11	18.56	4.09	3.02	1.07	1.18	4.10	54.29
1934	9.43	5.92	9.42	4.22	1.89	.69	5.30	5.24	12.56	.98	5.70	2.89	64.24
1935	2.92	4.08	4.91	4.30	3.56	10.07	3.94	6.67	12.91	.53	3.73	7.25	64.87
1936	1.73	4.19	.88	1.75	14.59	.85	5.19	5.32	4.38	1.48	2.65	5.47	48.48
1937	3.34	1.32	4.53	.74	1.00	4.97	4.18	5.59	3.50	5.67	1.76	4.47	41.07
1938	6.53	2.58	1.84	4.96	3.86	5.74	6.81	3.36	4.71	2.63	3.83	3.66	50.51
1939	8.24	3.17	.80	1.64	2.79	1.47	4.91	3.67	1.67	.97	3.52	3.10	35.95
1940	1.75	4.46	2.32	5.21	.92	5.85	5.25	11.90	2.26	3.47	6.58	7.65	57.62
1941	3.75	2.48	5.36	3.56	19.70	7.60	10.91	3.11	9.54	9.23	2.29	3.16	80.69
1942	1.53	3.53	3.50	10.59	2.15	6.71	11.81	14.08	4.82	3.68	1.68	3.22	67.30
1943	5.80	4.14	5.80	3.06	6.87	3.71	14.46	2.14	4.69	.63	5.40	5.74	62.44
1944	9.61	3.48	5.70	1.45	14.98	.94	1.60	8.59	4.05	.74	10.57	9.01	70.72
1945	3.72	5.28	2.57	8.00	1.80	6.33	5.65	11.04	1.67	6.21	3.22	9.90	65.39
1946	7.73	4.58	3.15	4.21	12.98	7.07	7.37	4.73	8.89	3.78	16.55	3.78	84.82
1947	6.26	1.02	4.50	1.31	5.89	3.68	2.08	6.23	1.09	.84	7.35	4.06	44.31
1948	7.64	4.70	1.42	2.66	3.55	1.35	4.52	2.24	1.42	.41	6.24	1.70	37.85
1949	5.40	9.50	7.27	9.06	.60	4.54	10.41	2.30	3.98	16.05	1.60	8.71	79.42
1950	1.93	6.46	2.51	8.64	3.17	11.40	3.95	2.88	15.93	.77	1.14	2.83	61.63
1951	7.42	1.83	3.70	.22	1.57	2.32	2.05	1.19	14.79	.67	1.78	6.64	44.18
1952	2.03	7.63	2.40	9.34	3.55	1.02	7.82	.18	1.62	.00	6.49	5.92	48.07
1953	2.14	5.54	.42	3.00	7.69	4.79	4.07	8.38	.80	1.67	4.95	5.50	48.95
Mean	4.94	4.21	3.75	4.13	4.86	4.80	5.55	4.47	4.78	3.61	4.58	5.38	55.06

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Beaumont.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1883	-	-	-	2.30	2.00	4.10	4.00	2.30	1.40	1.70	-	-	-
1884	-	-	-	2.80	3.20	.20	2.00	.18	1.20	2.60	-	-	-
1885	-	-	-	-	-	.10	3.90	-	.53	.36	-	-	-
1886	-	-	-	.10	.03	.48	.02	.00	2.54	.40	-	-	-
1887	-	-	-	-	-	.00	.40	3.03	4.17	5.00	-	-	-
1888	-	-	-	4.32	3.53	10.75	6.98	3.26	.63	2.94	-	-	-
1889	-	-	-	-	-	-	-	6.05	2.80	-	-	-	-
1890	-	-	-	-	2.87	-	9.98	6.29	5.61	4.84	1.90	-	-

Continued on next page

Continued from preceding page

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Beaumont.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1891	-	-	-	-	.22	2.79	8.14	-	5.19	.04	.46	-	-
1892	-	-	-	-	1.07	18.01	8.40	8.71	1.71	4.96	7.12	2.95	-
1893	1.65	1.62	2.28	.79	6.25	9.74	3.30	7.74	.74	1.02	6.06	3.02	44.21
1894	3.69	6.61	3.09	1.36	.22	11.07	4.88	11.64	3.97	1.03	3.30	.60	51.46
1895	1.80	5.07	2.30	.08	1.90	3.19	5.08	5.18	.14	3.24	4.21	3.07	35.26
1896	1.63	2.21	3.28	2.00	.02	.71	2.20	.08	2.53	1.22	3.39	1.56	20.81
1897	6.80	2.40	3.25	.50	1.06	.52	1.03	1.37	2.06	2.59	1.29	5.10	27.97
1898	5.72	5.14	4.14	3.30	1.21	5.16	4.77	4.12	3.10	T	4.50	2.00	43.16
1899	2.00	2.00	T	3.44	2.00	3.70	.65	5.90	1.32	1.00	1.00	2.56	25.57
1900	5.00	3.00	2.00	5.20	3.89	12.70	6.99	7.11	2.00	2.20	.00	5.44	55.53
1901	1.00	3.41	1.98	1.95	2.04	4.89	3.41	3.68	4.89	2.18	1.22	7.29	37.94
1902	1.16	2.17	2.86	3.55	2.02	1.23	6.92	.09	8.24	10.24	22.74	2.43	63.66
1903	4.51	8.78	8.66	2.22	2.74	6.17	8.29	4.76	.90	.67	.36	4.03	52.09
1904	1.02	2.57	1.58	3.40	4.85	4.82	4.68	4.76	3.19	3.25	3.70	2.47	40.29
1905	6.94	5.68	4.82	7.55	3.52	11.96	4.72	2.47	3.27	2.22	5.49	4.12	62.76
1906	1.73	3.02	2.30	4.46	.48	2.28	6.56	2.55	3.36	8.76	1.03	2.86	39.39
1907	.69	1.96	2.24	2.72	19.40	.93	5.62	4.89	4.01	7.66	4.69	1.94	56.75
1908	2.63	5.52	2.71	8.08	4.08	2.93	13.41	3.85	9.39	T	4.90	2.09	59.59
1909	.97	3.58	2.39	2.26	6.50	4.49	2.54	8.09	.27	3.53	2.87	5.17	42.66
1910	3.41	4.98	1.59	.68	7.59	3.68	10.29	3.35	1.69	3.61	.69	4.86	46.42
1911	3.06	1.32	5.94	5.96	1.71	3.81	8.91	2.48	2.79	5.73	2.09	15.12	58.92
1912	2.77	3.31	3.32	9.37	6.96	4.32	6.15	6.33	.21	1.91	1.19	13.39	59.23
1913	6.64	4.72	1.78	4.05	4.31	3.64	1.71	8.93	16.33	5.21	5.17	3.59	66.08
1914	.43	1.66	6.39	9.23	19.35	1.16	6.39	8.91	2.61	.85	6.03	8.65	71.66
1915	5.76	2.82	2.80	2.64	7.56	.68	1.86	17.21	1.57	1.65	1.84	5.99	52.38
1916	4.40	.22	.16	4.10	7.82	2.82	5.62	6.88	1.50	1.29	2.28	6.38	43.47
1917	3.18	3.01	1.19	4.02	1.50	.14	3.22	6.44	2.23	.95	1.35	1.67	28.90
1918	1.91	4.97	4.62	4.42	.58	4.52	2.22	7.07	5.56	8.61	7.92	4.62	57.02
1919	8.79	5.02	3.63	3.16	8.98	7.47	9.72	7.58	3.48	13.01	3.34	6.02	80.20
1920	7.61	2.64	3.29	.64	7.19	6.20	5.56	6.79	2.69	6.62	3.99	8.09	61.31
1921	6.00	1.61	4.79	10.71	4.19	9.89	6.23	3.98	9.39	1.02	.69	6.46	64.96
1922	9.34	4.64	5.35	4.66	5.01	9.78	10.16	2.07	2.72	2.27	2.59	3.47	62.06
1923	3.53	9.02	4.30	9.42	20.58	5.22	3.14	8.68	8.39	2.04	3.97	16.99	95.28
1924	5.71	4.62	1.45	4.45	1.97	4.65	2.12	.54	2.05	.07	.77	4.44	32.84
1925	5.38	1.00	.74	.97	.41	3.54	3.43	1.86	6.83	10.02	5.92	1.57	41.67
1926	3.84	1.47	11.61	5.99	2.60	5.95	6.18	7.21	3.27	5.32	2.46	3.89	59.79
1927	2.38	3.34	4.68	2.94	.78	3.71	6.45	.10	3.62	1.47	3.09	9.80	42.36
1928	.36	4.42	4.41	3.00	.23	7.65	2.68	3.62	4.66	3.69	4.10	2.83	41.65
1929	6.17	5.38	6.44	4.10	6.56	2.03	4.07	1.10	3.12	2.55	15.32	3.04	59.88
1930	4.33	3.45	2.66	.81	4.09	.50	2.73	3.83	6.67	5.50	6.29	5.36	46.22
1931	4.37	5.49	3.57	.30	4.52	.83	4.57	3.80	1.58	3.74	3.78	9.89	46.44
1932	6.99	5.20	1.01	3.15	2.07	3.33	5.40	4.63	2.52	1.66	1.95	4.68	42.59
1933	3.72	4.23	4.18	1.74	2.49	.58	12.61	2.94	1.72	1.03	1.07	3.19	39.50
1934	5.25	6.30	9.68	4.21	2.86	1.75	4.17	6.02	12.05	1.32	6.39	3.09	63.09
1935	3.90	3.75	3.41	4.14	6.34	8.09	4.68	3.67	8.46	.47	2.62	6.38	55.91
1936	1.74	4.13	.88	2.72	14.70	.66	5.23	6.99	4.79	1.45	3.56	5.75	52.60
1937	4.60	1.16	3.80	.57	1.38	6.20	2.14	5.33	4.36	5.45	1.69	3.71	40.39
1938	5.44	2.57	2.20	4.11	3.23	5.13	4.46	5.76	3.40	2.04	3.52	3.11	44.97
1939	6.73	3.17	.72	2.06	3.40	3.18	5.33	6.49	.83	.42	4.34	2.90	39.57
1940	1.95	4.92	2.40	6.10	.75	4.91	3.86	9.60	2.43	1.37	8.24	8.45	54.98
1941	3.06	2.51	4.18	3.24	14.55	7.52	8.34	3.42	9.44	6.64	2.80	2.93	68.23
1942	2.12	3.00	3.68	10.96	1.60	8.56	13.35	8.48	7.08	3.25	2.01	3.95	68.04
1943	5.46	2.98	5.15	2.33	6.25	3.39	14.35	2.28	6.52	.60	3.57	5.48	58.36
1944	8.78	3.09	7.12	2.41	15.01	.84	2.01	13.35	5.62	.63	9.68	6.19	74.73
1945	3.66	4.72	2.34	8.96	1.57	7.26	5.81	8.99	.74	8.82	3.54	9.26	65.67
1946	7.75	4.26	3.02	5.87	12.33	10.81	7.32	6.60	6.37	4.16	12.37	2.96	83.82
1947	5.69	.84	4.65	1.56	5.90	5.07	.90	6.97	1.88	.58	6.98	3.15	44.17
1948	5.89	4.48	1.52	3.24	4.29	.68	3.99	2.58	1.74	.77	5.10	1.53	35.81
1949	6.81	9.26	7.55	7.02	.35	6.11	10.39	4.33	7.76	16.86	2.24	8.72	87.40
1950	1.87	9.83	2.33	12.82	4.85	8.25	7.14	5.98	2.78	1.15	1.67	2.61	61.28
1951	7.88	2.45	4.03	.26	2.55	.57	4.25	2.19	14.08	.86	2.16	5.02	46.30
1952	2.12	9.06	1.83	9.64	5.29	2.03	6.71	.26	.54	.00	6.53	5.63	49.64
1953	1.37	5.83	1.20	3.20	9.65	4.39	7.14	9.86	1.52	1.93	3.96	7.24	57.29
Mean	4.12	3.96	3.47	3.97	4.72	4.62	5.46	5.12	3.93	3.17	4.08	5.01	51.63

Table 34 . Monthly and Annual Rainfall in Inches at the Experiment Station near Beeville.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1915	1.36	.83	2.06	2.40	1.82	T	.33	.81	2.06	.94	.08	1.89	14.58
1916	.81	T	T	1.36	.94	1.28	5.47	5.19	1.14	1.62	1.22	.33	19.36
1917	.36	.18	.16	1.65	2.91	.81	1.00	.13	.81	.21	1.18	T	9.40
1918	T	2.24	1.09	2.96	4.28	3.14	.87	.48	3.45	5.29	4.05	2.98	30.83
1919	4.80	1.87	3.17	2.86	6.17	3.93	5.69	1.03	11.36	5.96	1.54	.38	48.76
1920	4.21	.34	.72	.63	5.30	3.68	.78	1.64	.27	2.15	2.28	.31	22.31
1921	1.16	.97	2.82	1.96	2.55	3.20	1.13	1.57	8.26	.36	.57	1.24	25.79
1922	1.62	1.73	4.14	1.98	6.47	5.52	2.13	2.62	6.21	1.93	2.93	.44	37.72
1923	1.20	9.10	3.50	1.93	.19	.25	4.36	1.90	6.85	4.49	3.85	8.83	46.45
1924	1.23	1.32	.85	1.04	6.60	4.32	.30	.06	1.71	.00	.20	4.02	21.65
1925	.43	.15	4.39	1.69	2.33	.91	2.83	3.38	6.47	4.50	1.38	2.67	31.13
1926	3.11	.32	4.48	.71	3.59	2.61	4.52	.37	.58	7.42	.88	3.00	31.59
1927	.41	.82	3.76	.72	.37	4.86	2.56	.80	2.43	2.05	.52	1.29	20.59
1928	.91	2.90	1.61	.69	2.67	4.42	.34	2.80	6.85	.65	7.47	5.53	36.84
1929	3.88	.24	4.08	1.46	8.87	1.57	5.52	1.20	.32	2.35	3.77	5.12	38.38
1930	1.75	2.11	2.45	2.36	2.60	2.80	1.68	.20	2.90	3.35	3.42	1.29	26.91
1931	5.72	1.79	1.68	1.78	3.72	8.05	4.01	1.98	.31	2.84	.79	5.08	37.75
1932	9.66	3.94	1.98	4.28	1.50	3.28	.15	5.98	8.07	.54	1.09	2.23	42.70
1933	1.15	2.68	2.55	.42	1.99	3.33	4.99	2.19	5.39	1.25	3.42	.30	29.66
1934	8.02	.58	2.97	2.68	1.42	.22	5.43	.14	2.55	.64	5.50	1.96	32.11
1935	.72	1.94	4.75	1.59	3.93	5.20	2.31	.18	7.11	.33	.87	4.27	33.20
1936	.76	.65	2.50	2.02	6.73	5.22	4.24	2.43	3.86	2.60	1.08	1.63	33.72
1937	1.14	.71	2.26	.30	1.29	1.80	1.75	1.52	.16	2.40	1.38	8.59	23.30
1938	1.51	1.12	.27	3.01	2.75	.99	.11	1.85	2.99	1.43	1.58	3.44	21.05
1939	1.44	.37	.46	.49	1.31	2.42	4.13	.48	3.72	.24	.29	1.46	16.81
1940	.38	1.25	2.21	.40	4.35	6.26	2.51	1.52	1.43	3.82	4.55	4.35	33.03
1941	1.64	2.74	2.06	6.77	6.94	3.94	7.62	3.93	3.08	2.53	2.48	3.80	47.53
1942	.70	1.68	1.02	2.03	2.34	2.80	13.50	7.54	3.49	3.64	.48	.74	39.96
1943	2.09	.48	2.36	.34	6.78	3.18	3.58	.49	4.79	1.13	5.77	2.58	33.57
1944	3.12	.73	5.53	.03	4.91	1.55	.71	3.84	3.66	.34	2.37	1.61	28.40
1945	.52	.87	4.31	3.91	1.13	3.17	3.72	2.12	2.43	2.36	.03	1.28	25.85
1946	3.24	2.61	1.52	2.53	3.05	4.54	1.02	4.26	6.74	5.92	.83	.88	37.14
1947	2.68	.07	1.24	4.95	6.21	.97	.06	2.89	.56	1.20	2.43	1.93	25.19
1948	1.49	1.84	1.36	2.09	1.44	2.76	1.18	1.54	3.08	2.14	1.10	.09	20.11
1949	2.17	2.26	.90	8.77	.83	3.28	5.81	2.71	.36	5.14	.00	3.38	35.61
1950	1.27	.41	.40	2.94	2.06	1.83	3.39	1.03	.57	.06	.13	.00	14.09
1951	1.71	.73	2.74	1.09	2.75	4.80	.34	T	5.24	1.64	3.75	.14	24.93
1952	.34	3.84	1.58	1.76	3.51	.94	4.03	.02	12.05	.00	3.07	1.02	32.16
1953	.19	1.74	.39	1.95	1.57	.14	.11	3.49	2.02	5.38	.37	1.92	19.27
Mean	2.02	1.54	2.21	2.12	3.34	2.92	2.93	1.96	3.73	2.33	2.02	2.36	29.48

Table 35 . Monthly and Annual Rainfall in Inches at the Experiment Station near Big Spring.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1916	.13	.00	1.74	2.12	.14	1.59	2.42	4.31	.87	1.30	1.01	.10	15.73
1917	.28	.00	.03	.97	.61	.98	.73	.17	.79	.00	.12	.00	4.68
1918	.60	.73	.09	.10	1.19	3.53	.16	.24	1.66	1.99	.74	1.32	12.35
1919	.57	.06	3.06	1.45	1.43	8.28	.95	3.60	7.43	6.31	.78	.09	34.01
1920	1.97	.20	.12	.08	5.32	1.33	.91	6.30	.69	1.95	2.22	.20	21.29
1921	.25	.90	1.15	.11	3.69	2.77	.45	.85	.91	.23	T	T	11.11
1922	.38	.08	1.73	12.77	2.36	2.89	.38	.22	.00	1.15	1.35	.00	23.31
1923	.29	3.01	2.16	4.58	1.24	2.61	1.68	.98	1.53	5.31	1.18	1.69	26.26
1924	.03	.50	.62	.91	3.62	.05	.96	1.92	.68	1.42	.05	.13	10.89
1925	.15	.00	T	4.43	2.09	1.00	1.22	2.96	3.06	3.11	.14	.00	18.16
1926	.98	.06	2.18	2.24	1.96	4.38	2.27	1.62	3.56	3.49	.32	2.19	25.25
1927	.53	1.69	.27	1.10	1.28	2.18	1.22	.42	4.00	.45	T	.42	13.56
1928	.35	.75	.02	.48	10.10	.95	1.87	2.68	.76	1.31	.71	.06	20.04
1929	.32	.85	2.89	.13	3.18	1.08	2.81	1.72	5.44	3.28	.74	.00	22.44
1930	.46	.00	.11	2.33	1.95	1.65	.68	2.18	.24	2.62	2.32	1.43	15.97
1931	1.31	.97	1.20	2.53	.75	.59	2.48	.95	.04	7.06	3.38	1.33	22.59
1932	1.12	3.81	.17	2.24	5.17	4.63	.23	4.68	8.70	.50	T	3.00	34.25
1933	.11	.79	.18	.05	.96	.16	1.41	4.76	.64	.54	1.15	.54	11.29
1934	.31	.56	1.50	1.73	.08	1.25	.99	2.94	.91	.17	1.60	.05	12.09
1935	.13	1.32	1.88	1.16	4.60	5.98	.88	1.54	3.93	2.59	1.48	.46	25.95
1936	.16	.03	1.94	.51	4.55	.48	.95	.00	10.52	1.90	.58	.63	22.25
1937	.14	.09	1.51	.63	3.36	1.14	.89	1.95	.34	1.35	1.58	1.56	14.54
1938	1.91	1.96	1.33	.95	1.80	6.85	5.35	.45	.11	1.06	.73	.02	22.52
1939	2.71	.13	.06	.44	2.90	2.61	1.45	2.47	.00	.08	1.21	.66	14.72
1940	.40	1.08	.09	.55	1.82	5.03	.07	3.03	.19	1.44	1.81	.62	16.13
1941	1.19	1.02	3.14	2.84	4.89	4.19	3.10	2.06	3.62	3.94	.18	1.45	31.62

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Monthly and Annual Rainfall in Inches at the Experiment Station near Big Spring.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1942	.10	.30	.00	2.57	1.85	1.27	.54	8.43	4.26	1.47	.08	2.81	23.68
1943	.20	.02	.86	.25	4.44	.93	3.05	.10	.28	.18	1.17	2.76	14.24
1944	1.05	2.62	T	.14	2.90	1.36	2.13	.99	1.64	.90	2.70	1.36	17.79
1945	.85	.29	1.94	.00	.68	1.15	9.25	6.06	1.65	3.03	.03	.38	25.31
1946	1.42	.13	.56	.12	1.08	1.80	.09	1.21	2.31	2.68	.16	1.47	13.03
1947	.58	.05	1.54	T	4.51	.72	1.42	.02	.70	.56	1.49	1.35	12.94
1948	.10	.75	.16	.00	.94	1.16	5.79	1.11	.02	2.08	.00	.36	12.47
1949	2.14	.90	.31	2.23	4.42	2.76	.52	.91	1.43	1.91	.00	.56	18.09
1950	.88	.30	.00	2.60	7.99	1.62	4.26	.71	2.39	.00	.00	.00	20.75
1951	.09	.14	.56	1.38	2.06	1.95	2.28	2.42	1.00	.94	.12	.22	13.16
1952	.10	.23	.22	.51	.82	.00	.71	.71	3.22	.00	1.61	1.07	9.20
1953	.03	.39	1.91	1.20	.71	.29	.67	.70	.55	6.35	.12	.13	13.05
Mean	.64	.70	.98	1.54	2.72	2.19	1.77	2.06	2.10	1.96	.86	.80	18.32

Table 36 . Monthly and Annual Rainfall in Inches at the Blacklands Experimental Watershed Station near Riesel.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1938	4.16	3.05	2.86	4.01	2.50	3.17	1.56	.57	.96	.14	.96	2.71	26.65
1939	3.80	2.90	1.16	.78	4.90	2.75	.30	2.26	.73	1.73	2.21	.92	24.44
1940	.94	2.47	.51	4.50	1.88	6.41	1.72	3.00	1.09	4.01	9.39	3.65	39.57
1941	2.86	5.49	3.66	4.24	5.00	7.26	3.55	1.35	.74	3.49	2.18	2.47	42.29
1942	.65	1.72	1.13	6.68	4.31	8.14	.71	1.13	7.40	2.30	3.14	3.53	40.84
1943	1.01	.13	2.20	1.51	5.02	2.58	3.52	.29	1.85	2.86	1.92	3.13	26.02
1944	4.88	5.75	3.84	7.09	12.55	1.56	1.98	1.51	1.67	.14	6.70	4.46	52.13
1945	2.44	2.95	7.50	5.82	3.17	3.84	1.79	4.63	3.51	3.09	1.06	4.91	44.71
1946	2.88	3.06	4.14	2.87	9.02	2.33	1.23	1.75	4.71	1.61	4.86	2.40	40.86
1947	3.86	.57	4.34	2.76	4.28	.35	.78	1.39	1.44	.22	1.39	3.65	25.03
1948	2.09	1.96	1.03	5.53	5.50	1.38	1.25	.64	1.79	.64	1.13	1.43	24.37
1949	4.16	1.68	2.55	4.03	1.14	4.90	5.19	1.59	.20	4.45	.23	2.98	33.10
1950	1.98	3.59	.25	3.65	2.99	2.45	1.77	.08	2.71	.91	1.14	.40	21.92
1951	1.44	2.39	1.76	2.61	3.11	4.36	.13	.11	5.92	1.31	1.02	.49	24.65
1952	.78	2.79	3.23	5.26	5.11	1.18	.61	T	.63	.00	7.08	4.73	31.40
1953	.57	1.81	3.72	3.15	5.98	.51	.35	3.60	1.78	5.70	.93	4.36	32.46
Mean	2.34	2.64	2.74	4.03	4.78	3.32	1.65	1.49	2.32	2.04	2.83	2.89	33.07

Table 37 . Monthly and Annual Rainfall in Inches at the Experiment Station at Buchanan Dam.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1943	-	-	-	-	-	-	-	.00	5.71	1.68	2.16	1.88	-
1944	2.47	3.40	2.53	2.41	7.19	1.34	.19	9.21	2.18	2.76	3.05	3.35	40.08
1945	2.19	2.82	1.68	6.09	.85	4.30	.93	3.12	6.32	-	2.68	1.43	-
1946	3.42	2.01	1.56	2.69	3.94	1.41	.00	1.28	4.43	1.37	1.39	2.67	26.17
1947	5.05	.32	2.67	2.69	1.04	2.70	.95	1.84	-	.00	1.80	1.56	-
1948	.32	1.52	1.03	4.15	2.39	2.01	4.00	2.93	.71	2.20	.00	1.73	22.99
1949	2.38	2.41	1.70	5.64	1.54	2.95	1.24	1.39	3.49	2.42	.00	2.37	27.53
1950	.95	2.08	.37	2.57	2.87	1.32	2.04	1.47	1.94	.76	.13	.00	16.50
1951	.00	1.97	2.13	1.80	4.11	.47	.56	.71	4.37	.61	.54	.25	17.52
1952	.32	1.71	2.11	6.21	4.84	2.57	1.46	.00	8.33	.00	2.65	5.22	35.42
1953	.31	1.22	1.79	3.63	2.34	.06	1.88	2.84	2.72	4.30	.18	.90	22.17
Mean	1.74	1.95	1.76	3.79	3.11	1.91	1.32	2.25	4.02	1.61	1.32	1.94	26.72

Table 38 . Monthly and Annual Rainfall in Inches at the Experiment Station near Chillicothe.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1912	.00	1.86	3.22	1.82	.53	4.69	1.39	3.35	2.92	2.69	.10	.34	22.91
1913	.53	1.90	1.32	1.77	1.01	2.33	.29	.05	4.21	4.71	2.79	5.51	26.42
1914	T	.30	1.68	2.40	6.16	1.67	1.76	8.47	1.04	1.44	.41	1.28	26.61
1915	.34	1.88	1.22	5.13	2.15	6.71	4.07	3.73	3.83	5.07	.15	.53	34.81
1916	1.00	T	1.48	3.62	1.02	1.17	.48	1.19	1.77	3.06	1.53	.02	16.34
1917	.20	.30	.30	.73	2.33	.34	4.05	1.11	2.06	:35	.82	T	12.59

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Monthly and Annual Rainfall in Inches at the Experiment Station near Chillicothe.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1918	.25	.42	1.56	1.15	.95	4.49	.76	.26	3.35	6.35	2.82	3.44	25.80
1919	.26	.76	2.28	5.27	8.79	2.88	1.22	1.41	2.64	13.23	2.24	.29	41.27
1920	1.92	.63	1.49	2.41	7.36	1.45	1.39	8.37	3.61	5.42	2.83	.52	37.40
1921	.31	1.02	1.20	.69	.14	9.60	.06	2.73	1.52	.03	T	.13	17.43
1922	.61	.66	1.46	5.14	4.03	1.53	3.56	.10	.85	.85	.48	.05	19.32
1923	2.02	.57	.61	2.77	6.75	4.17	.13	5.31	2.81	8.24	2.80	1.08	37.26
1924	.13	.13	1.90	2.10	1.05	2.57	3.80	2.23	.67	2.31	.40	.34	17.63
1925	.45	.10	.19	2.44	4.34	1.95	2.47	5.23	7.79	.91	1.01	.16	27.04
1926	.88	.00	1.66	4.45	2.67	4.29	2.85	4.78	4.60	1.94	.17	3.55	31.84
1927	1.42	.70	1.09	2.38	2.24	2.63	2.81	2.20	4.16	.78	.29	.49	21.19
1928	.34	1.95	1.15	1.04	2.95	3.49	5.53	1.19	.14	2.12	1.45	.18	21.53
1929	.33	.45	2.13	.97	5.81	3.26	6.62	.31	3.48	1.41	1.47	.23	26.47
1930	1.20	T	.81	3.59	1.57	.95	.43	1.40	.58	8.30	1.07	2.49	22.39
1931	.76	1.95	2.50	1.60	.54	1.38	1.33	.35	.26	4.28	3.47	2.43	20.85
1932	2.11	1.48	.20	2.99	1.32	4.85	1.78	.96	1.76	1.35	.25	3.71	22.76
1933	.15	1.19	.52	.82	3.66	1.17	1.72	4.09	1.89	.32	2.06	.91	18.50
1934	.53	.65	2.17	1.86	4.46	2.00	.81	2.21	4.95	.09	2.50	.04	22.27
1935	.07	1.03	1.10	2.14	5.00	2.45	.95	1.42	6.00	2.29	1.94	.85	25.24
1936	.69	.01	.02	2.23	2.59	1.22	.46	T	13.67	1.01	.10	.32	22.32
1937	.70	T	2.13	1.50	1.50	2.63	1.81	2.91	.99	3.15	.89	.71	18.92
1938	.64	2.83	2.71	1.08	6.44	5.31	2.96	.39	.11	.82	1.19	.18	24.66
1939	2.18	.23	2.12	1.02	2.53	2.80	.35	2.92	.00	.90	.53	.92	16.50
1940	.75	2.44	T	2.46	5.36	1.94	.05	2.59	2.16	2.75	2.75	.44	23.69
1941	1.55	2.64	.86	5.97	11.62	8.34	2.48	3.23	4.20	4.76	.58	1.02	47.25
1942	.14	.51	.95	6.27	1.08	1.12	.59	2.16	4.31	5.28	.56	2.21	25.18
1943	.23	.10	1.43	2.75	7.15	1.98	.16	.01	1.04	.64	.75	2.79	19.03
1944	1.42	2.30	.90	1.42	.92	2.48	1.52	2.28	1.71	1.57	1.58	1.59	19.69
1945	2.66	1.66	1.33	2.81	.47	6.10	2.22	1.12	5.13	1.22	.82	.01	25.55
1946	1.42	.99	1.10	.40	3.73	1.72	.24	.28	5.46	2.41	1.95	1.67	21.37
1947	1.14	.26	1.01	2.67	10.16	.29	.58	.20	.07	2.92	1.57	2.32	23.19
1948	.80	2.09	1.13	.43	5.61	4.10	1.30	.51	.03	.81	.28	T	17.09
1949	3.45	.41	1.20	1.88	4.95	2.80	.75	2.06	1.53	3.86	.00	1.06	23.95
1950	.82	1.65	T	1.40	4.81	5.32	3.75	3.01	7.46	.20	T	.10	28.52
1951	1.01	1.10	.86	.84	8.19	3.16	3.66	3.86	1.43	2.17	.35	T	26.63
1952	.98	.57	1.74	3.97	4.83	.03	2.88	T	.93	.00	1.60	1.10	18.63
1953	.11	.44	2.53	2.34	.99	1.05	2.08	2.46	-	9.05	.95	-	-
Mean	.87	.96	1.32	2.40	3.80	2.96	1.86	2.20	2.86	2.88	1.18	1.10	24.39

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Chillicothe.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1895	-	-	-	-	3.00	6.90	8.80	1.00	.00	4.55	.25	.32	-
1896	.87	T	.20	1.50	1.75	1.33	.32	.36	1.75	1.07	1.93	2.45	13.53
1906	-	-	-	-	-	-	-	-	5.02	4.58	-	-	-
1907	1.18	.23	1.99	.98	7.81	2.58	1.46	1.52	1.71	6.60	.80	1.15	28.01
1908	.70	T	.28	3.51	6.60	8.41	5.68	T	2.22	1.88	4.13	.00	33.41
1909	.02	.32	2.59	1.41	.56	8.06	.49	1.07	.26	1.84	4.57	.60	21.79
1910	.67	.12	1.08	1.62	2.74	1.97	1.42	1.74	1.22	1.30	T	.15	14.03
1911	.17	3.89	.12	1.85	1.93	.06	3.35	3.41	3.04	.81	.70	5.07	24.40
1912	.00	1.86	3.22	1.82	.53	4.92	1.00	3.83	3.54	2.54	.10	.64	24.00
1913	.53	1.90	1.12	1.81	1.11	1.84	1.28	.12	3.84	4.51	2.83	5.80	26.69
1914	T	.30	1.75	2.10	7.40	1.10	1.90	8.43	1.56	1.70	.49	1.51	28.24
1915	.39	2.63	1.39	5.73	4.45	7.18	6.10	3.76	3.59	5.20	.26	.42	41.10
1916	1.02	T	.58	5.84	1.05	1.65	1.10	1.43	1.22	3.92	1.94	.11	19.86
1917	.32	.25	.40	.75	2.32	.22	3.12	1.44	1.02	.31	1.12	.51	11.78
1918	.40	.47	1.74	.61	1.22	4.67	.61	.30	2.07	4.68	2.39	3.43	22.59
1919	.30	1.15	2.37	5.05	6.22	3.71	1.86	1.76	1.70	11.94	1.84	.29	38.19
1920	1.40	.76	.66	2.96	5.71	2.12	1.35	9.01	5.50	6.51	2.75	.77	39.50
1921	.50	1.10	1.96	1.33	.59	9.63	.82	1.03	1.20	T	T	.12	18.28
1922	.59	.66	1.66	4.33	4.61	.97	3.34	.66	.47	1.01	.55	.07	18.92
1923	2.01	.62	.68	3.50	4.55	6.65	.21	3.29	1.23	8.88	1.89	1.04	34.55
1924	.04	.23	2.61	2.32	.49	2.68	2.86	3.07	.64	2.23	.22	.24	17.63
1925	.58	.17	.39	4.77	3.39	1.26	4.62	6.40	6.60	.96	1.05	.17	30.36
1926	1.15	.00	2.09	5.04	5.04	2.97	2.87	4.43	5.15	2.18	.20	3.07	34.19
1927	1.50	1.46	.90	2.49	1.22	2.09	2.29	1.58	6.26	.49	.50	.52	21.30
1928	.30	1.95	1.30	.93	2.55	2.50	2.12	.56	.05	1.44	2.15	.18	16.03
1929	.35	.61	2.33	.28	7.50	4.12	5.80	.28	4.96	1.49	1.60	.20	29.52
1930	1.70	T	.65	3.44	1.77	1.31	.87	1.66	.77	9.52	1.03	2.36	25.08
1931	.62	1.67	2.52	1.66	.26	.79	1.41	.27	.21	4.37	3.65	2.18	19.61
1932	2.47	1.44	.31	2.22	1.34	7.32	2.16	.81	3.04	1.35	.21	3.68	26.35
1933	.15	1.35	1.47	.28	3.89	.88	.92	6.88	1.78	.33	1.79	.61	20.33

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Chillicothe.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1934	.60	.69	2.29	2.13	3.01	2.00	.70	1.86	3.55	.03	2.28	1.60	20.74
1935	.08	1.06	1.70	2.25	5.70	3.32	1.87	1.09	5.37	1.85	1.83	.87	26.99
1936	.77	.00	.01	2.02	2.52	2.10	.29	T	15.76	.95	.12	.40	24.94
1937	.37	.25	2.17	1.55	1.69	1.64	1.45	3.10	1.88	2.57	.94	.55	18.16
1938	.74	2.88	2.97	1.13	4.49	4.60	.97	.94	.24	.92	1.20	.27	21.35
1939	2.35	.21	3.02	1.06	4.00	3.97	.97	3.48	.00	1.20	.45	.85	21.56
1940	.50	2.53	T	2.61	3.34	1.72	.09	1.97	3.84	2.09	2.82	.41	21.92
1941	1.50	2.57	.80	5.46	12.24	9.46	1.67	4.16	2.13	7.25	.49	1.05	48.78
1942	T	.48	1.50	6.91	1.85	1.92	1.47	2.45	5.00	5.45	.34	1.98	29.35
1943	.20	.10	1.62	2.29	8.11	1.73	.63	.14	1.16	.63	.84	3.01	20.46
1944	2.01	1.99	.63	2.09	.70	2.58	1.47	2.81	2.38	2.14	1.34	1.46	21.60
1945	2.75	1.36	.97	2.67	.60	5.71	1.98	.81	4.26	1.14	1.00	.05	23.30
1946	-	.63	1.29	.51	3.15	1.62	1.42	.76	5.16	2.47	2.00	1.57	-
1947	1.03	.30	.81	3.69	7.88	.42	.80	.07	.06	3.71	1.80	2.33	22.90
1948	.76	1.61	1.56	.48	6.49	5.36	2.17	1.17	.08	.76	.35	.02	20.81
1949	4.29	.40	1.35	2.38	4.82	3.24	.87	2.33	2.31	4.19	.00	.84	27.02
1950	.83	1.10	.07	1.41	4.06	3.88	4.82	2.94	4.90	.00	.00	.20	24.21
1951	.57	.59	.87	.90	7.74	8.06	2.02	3.87	1.46	1.38	.20	.00	27.66
1952	1.06	.69	1.49	2.82	5.81	.05	2.45	.03	.48	.00	1.51	1.17	17.56
1953	.09	.50	2.92	1.88	.84	1.31	3.72	3.04	.00	7.65	1.18	T	23.13
Mean	.86	.94	1.38	2.42	3.69	3.36	2.08	2.19	2.63	2.89	1.26	1.15	24.85

Table 39 . Monthly and Annual Rainfall in Inches at the Experiment Station near College Station.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1916	5.90	.00	.36	.83	11.55	2.94	1.59	.80	.81	1.35	1.56	.36	28.05
1917	1.86	2.21	.45	2.74	1.86	.00	.60	2.48	2.09	.16	.99	.06	15.50
1918	1.96	4.39	.62	4.78	2.52	2.73	.47	1.23	.81	5.72	5.83	3.48	34.54
1919	4.12	6.58	2.55	1.32	8.28	9.02	4.07	5.41	3.26	8.19	2.45	1.76	57.01
1920	6.35	.80	1.41	.64	5.97	5.09	4.64	7.49	3.63	6.30	3.01	2.38	47.71
1921	2.09	1.88	4.15	12.64	1.84	10.92	.43	.20	3.67	.16	.38	4.74	43.31
1922	5.39	4.13	3.95	7.28	9.31	4.56	.58	.98	1.72	1.82	3.04	.75	43.51
1923	3.28	4.80	6.35	4.01	3.80	.66	2.32	1.62	4.84	3.37	5.33	8.33	48.71
1924	4.24	6.51	2.67	6.22	6.18	1.75	1.28	.12	1.06	.26	1.08	1.72	33.09
1925	1.72	.62	.38	1.95	.02	1.67	1.12	2.54	3.02	11.62	5.82	.99	31.47
1926	4.37	.21	8.09	4.79	4.51	.90	3.16	1.92	.91	7.21	2.38	9.48	47.93
1927	1.63	6.25	2.88	6.63	1.80	5.01	3.47	.02	.71	8.40	.33	4.15	41.28
1928	.39	4.31	2.29	2.84	1.64	4.63	4.60	1.33	1.45	1.76	2.71	6.39	34.34
1929	5.09	1.17	2.68	7.35	13.87	.24	5.95	.47	.10	3.00	7.50	.98	48.40
1930	3.41	3.64	3.78	.74	10.51	1.42	.63	2.24	3.33	6.44	4.56	3.57	44.27
1931	3.58	5.76	3.63	3.33	1.93	1.04	2.61	1.03	.55	1.58	2.10	7.65	34.79
1932	10.53	5.63	2.50	2.32	3.19	2.77	.76	3.47	7.53	.24	1.47	4.81	45.22
1933	3.16	3.64	2.46	1.89	4.61	.24	4.99	6.12	4.30	1.60	.61	3.23	36.85
1934	10.20	2.81	6.14	6.01	.36	.02	.84	1.23	4.41	.96	5.47	5.90	44.35
1935	2.10	2.44	1.38	3.24	10.29	1.42	4.54	1.66	4.55	1.78	2.77	5.39	41.56
1936	.30	2.12	1.00	3.33	7.88	1.00	13.27	1.88	5.20	2.67	2.40	1.87	42.92
1937	5.01	.49	4.28	1.36	.95	2.91	1.46	1.04	.74	5.87	3.49	3.25	30.85
1938	4.34	1.62	5.41	4.60	2.89	4.02	3.23	1.93	.82	1.08	2.74	2.23	34.91
1939	4.44	5.36	.98	.93	6.41	1.79	1.96	.96	1.22	2.26	3.05	5.10	34.46
1940	1.00	4.25	.92	4.20	4.46	8.97	3.55	.87	1.89	2.26	8.27	8.38	49.02
1941	1.55	3.64	6.63	1.91	3.06	6.39	5.49	2.76	2.67	6.75	1.61	2.12	44.58
1942	.56	1.15	1.27	7.79	3.91	5.36	2.58	3.05	6.17	2.05	5.18	2.32	41.39
1943	2.98	.18	2.17	.67	7.04	1.76	5.66	.50	3.14	.77	2.44	3.19	30.50
1944	6.97	4.18	3.96	.30	10.70	1.52	.95	5.82	2.84	.15	8.89	7.26	53.54
1945	2.83	2.66	2.87	3.02	1.63	3.76	2.64	8.11	1.70	3.66	.27	1.39	34.54
1946	3.20	3.27	3.72	3.53	7.49	6.69	.58	2.72	4.88	5.27	6.34	2.94	50.63
1947	3.32	.98	5.54	1.22	8.39	1.90	2.64	12.60	.26	.33	2.65	4.07	43.90
1948	1.58	3.17	1.36	2.58	2.92	1.74	2.51	.66	1.00	.05	1.74	1.86	21.17
1949	5.82	3.59	3.05	6.19	.87	3.10	3.26	.89	3.31	8.40	.04	7.35	45.87
1950	1.37	3.62	2.84	5.26	5.52	6.27	2.81	.73	2.15	.33	.12	.10	31.12
1951	.61	2.54	5.44	1.38	2.91	1.51	.52	.51	4.53	.53	2.54	1.34	24.36
1952	.01	2.58	1.57	5.19	7.23	.49	1.20	.00	1.88	.00	7.09	4.47	31.71
1953	2.13	2.65	2.44	6.93	7.27	3.58	2.00	2.95	3.03	4.46	2.68	4.49	44.61
Mean	3.40	3.05	3.00	3.74	5.15	3.15	2.77	2.38	2.64	3.13	3.18	3.68	39.27

Continued on next page

Continued from preceding page

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in College Station.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1882	-	-	-	-	4.26	.40	1.26	3.90	-	2.79	4.96	.38	-
1883	-	1.90	4.89	3.44	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	-	-	-	-	-	1.88	5.27	6.00	-
1889	7.07	2.29	2.39	2.74	2.42	9.01	2.47	1.19	14.86	.11	6.06	.07	50.68
1890	6.94	3.28	3.93	5.55	4.33	4.95	.45	.75	4.92	2.62	.99	1.73	40.44
1891	8.67	2.05	.88	7.01	1.99	1.60	1.36	.09	4.93	.00	4.46	9.24	42.28
1892	3.04	1.96	2.50	2.44	3.54	3.84	4.20	2.15	2.32	2.49	4.47	11.03	43.88
1893	.80	1.24	2.14	1.41	9.10	3.50	.45	1.85	1.75	.17	5.59	1.73	29.73
1894	3.54	2.07	2.56	3.24	1.66	1.88	.70	7.01	1.52	1.17	.30	.26	25.91
1895	1.45	1.63	2.22	1.71	12.44	5.25	1.51	2.81	1.12	3.35	4.67	2.18	40.34
1896	10.93	4.38	2.32	1.46	3.30	.10	.48	.60	9.59	3.42	1.45	1.87	39.90
1897	3.85	.15	2.87	1.57	2.70	2.82	1.45	4.68	2.46	5.07	1.28	3.61	32.51
1898	3.83	5.43	4.51	4.69	3.38	5.15	2.60	.21	.92	2.48	2.18	6.44	41.82
1899	4.42	1.22	1.87	2.75	3.14	3.81	1.50	.01	.00	2.87	1.55	5.87	29.01
1900	4.55	2.88	3.47	9.13	12.28	.23	6.63	4.61	5.82	2.89	6.71	1.55	60.75
1901	1.00	3.20	2.44	2.30	3.55	.74	1.61	.76	2.91	1.05	1.95	.35	21.86
1902	.90	1.10	1.10	2.35	3.80	1.40	9.30	.00	3.78	4.81	9.45	1.15	39.14
1903	2.71	5.54	2.06	1.25	1.75	1.81	6.58	1.28	.37	4.74	.44	3.17	31.70
1904	1.27	1.75	.41	3.03	5.99	2.71	1.60	3.60	.75	3.07	1.10	3.95	29.23
1905	.22	1.67	3.27	6.31	3.10	15.03	1.15	1.61	.96	4.48	3.68	4.09	45.57
1906	.95	1.79	1.09	1.24	2.09	1.89	5.50	4.72	2.93	4.65	1.21	3.66	31.72
1907	1.15	2.65	2.96	3.73	6.50	.40	2.93	.90	1.13	5.43	13.06	1.83	42.67
1908	-	-	-	-	-	-	-	-	-	-	-	-	-
1909	-	-	-	-	-	-	-	-	-	-	-	-	-
1910	.07	2.47	1.44	4.25	5.58	3.64	.98	1.14	1.50	.77	2.26	6.72	30.82
1911	.31	3.50	3.05	7.08	2.70	.38	5.67	2.64	1.61	3.55	1.87	7.25	39.61
1912	.92	2.53	6.58	2.11	4.12	2.21	2.98	.21	1.14	1.64	.92	5.33	30.69
1913	2.98	3.63	3.23	2.98	2.44	1.53	.06	.88	3.15	4.43	4.74	12.66	42.71
1914	.58	3.77	4.64	3.45	8.36	.26	.83	7.72	.69	.43	6.50	5.36	42.59
1915	3.04	1.70	2.66	9.29	1.65	2.99	1.11	11.25	.78	.94	1.58	5.09	42.08
1916	5.66	.01	.43	.83	10.51	3.11	1.86	.90	1.57	1.55	1.91	.49	28.83
1917	1.90	2.37	.58	2.81	1.86	.05	.81	2.66	2.23	.22	.93	1.54	16.66
1918	1.87	4.51	.50	5.11	2.49	2.95	.15	1.01	1.85	5.85	4.17	3.23	33.99
1919	3.72	7.19	2.63	1.16	8.41	8.90	3.56	4.69	3.82	8.54	1.81	1.45	55.88
1920	7.34	.80	1.30	.53	5.77	3.86	5.19	8.55	3.60	6.07	3.28	2.37	48.66
1921	2.00	1.83	4.27	11.15	2.36	10.92	.92	.23	3.85	.14	1.78	4.83	44.28
1922	5.56	4.14	3.79	7.85	8.45	3.94	.51	.74	1.51	1.55	3.35	1.01	42.40
1923	3.10	4.54	6.07	3.93	3.45	.94	3.30	1.68	4.09	3.19	5.29	8.20	47.78
1924	4.36	7.12	3.17	5.62	6.81	2.54	.26	.18	.73	.11	1.27	1.79	33.96
1925	1.78	1.25	1.55	1.18	.12	1.62	1.28	2.35	2.41	12.21	5.67	.88	32.30
1926	4.53	.13	8.03	5.97	3.40	.68	2.41	1.94	1.10	6.61	2.50	8.20	45.50
1927	1.28	6.10	2.20	5.09	1.97	5.43	3.51	.01	2.30	6.02	.20	4.15	38.26
1928	.62	5.48	2.17	4.11	1.92	4.45	4.68	1.42	1.53	2.11	3.25	5.21	36.95
1929	3.72	1.98	2.54	7.64	14.70	.17	6.04	.39	.02	3.06	9.28	.83	50.37
1930	3.70	3.55	4.05	.90	11.03	1.09	.78	1.96	3.93	6.47	3.39	3.42	44.27
1931	3.37	6.20	3.54	3.44	2.00	.84	1.96	1.18	.76	1.67	3.02	5.82	33.80
1932	10.84	5.69	2.66	2.49	4.06	2.81	.29	2.77	7.12	.19	1.82	5.06	45.80
1933	3.22	3.56	2.64	1.91	5.26	.29	5.46	4.69	3.23	1.66	1.09	3.49	36.50
1934	9.79	2.66	6.24	6.55	.48	.04	.79	1.22	4.15	.86	5.39	5.71	43.88
1935	2.02	2.61	1.26	3.07	10.40	1.65	3.60	1.30	5.98	2.03	3.04	4.83	41.79
1936	.21	2.10	.84	3.69	8.07	6.61	6.66	1.36	5.13	2.21	1.90	1.87	40.65
1937	5.01	.49	4.28	1.36	.95	2.91	1.46	1.04	.74	6.32	3.49	3.25	31.30
1938	4.34	1.62	5.41	4.60	2.89	4.02	3.23	1.93	.82	1.08	2.74	2.23	34.91
1939	4.44	5.36	.98	.93	6.41	1.79	1.96	.96	1.22	2.26	3.05	5.10	34.46
1940	1.00	4.25	.92	4.20	4.46	8.97	3.55	.87	1.89	2.26	8.27	8.62	49.26
1941	1.55	3.64	6.63	1.91	3.06	6.39	5.49	2.76	2.67	6.75	1.61	2.12	44.58
1942	.56	1.15	1.27	7.79	3.91	5.36	2.58	3.05	6.17	2.05	5.18	2.32	41.39
1943	2.98	.18	2.17	.67	7.04	1.76	5.66	.50	3.14	.77	2.44	3.19	30.50
1944	6.97	4.18	3.96	.30	10.70	1.52	.95	5.82	2.84	.15	8.89	7.26	53.54
1945	2.83	2.66	2.87	3.02	1.63	3.76	2.64	8.11	1.70	3.66	.27	1.39	34.54
1946	3.20	3.27	3.72	3.53	7.49	6.69	.58	2.72	4.88	5.27	6.34	2.94	50.63
1947	3.32	.98	5.54	1.22	8.39	1.90	2.64	12.60	.26	.33	2.65	4.07	43.90
1948	1.58	3.17	1.36	2.58	2.92	1.74	2.51	.66	1.00	.05	1.74	1.86	21.17
1949	6.05	3.59	3.05	6.19	.87	3.98	3.26	.89	3.31	8.40	.06	7.35	47.00
1950	1.30	3.62	2.84	5.26	5.52	6.26	2.81	.73	2.15	.33	.12	.10	31.04
1951	.61	2.54	5.44	1.38	2.91	1.51	.52	.51	4.53	.53	2.54	1.34	24.36
1952	3.95	2.58	1.57	5.19	7.23	.49	1.20	T	1.88	.00	7.09	4.47	35.65
1953	2.13	2.65	2.44	6.93	7.27	3.58	2.00	2.95	3.03	4.46	2.68	4.49	44.61
Mean	3.30	2.90	2.91	3.73	4.90	3.17	2.54	2.40	2.78	2.90	3.42	3.82	38.77

Table 40 . Monthly and Annual Rainfall in Inches at the Experiment Station near Dalhart.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1908	T	.85	.04	2.28	.53	2.83	4.11	1.08	.39	.29	.99	.00	13.31
1909	T	.28	.71	.18	1.70	5.10	1.27	.65	2.12	2.60	1.21	.15	15.71
1910	.20	.03	.12	1.51	2.96	4.04	2.48	3.28	.05	.00	.07	.02	14.76
1911	.00	.54	.43	.59	3.37	.28	3.65	1.87	.58	1.72	.25	1.28	14.54
1912	.00	1.30	.38	2.56	2.37	3.36	1.68	2.64	1.98	.05	.00	.03	16.33
1913	.06	.14	.02	.88	2.35	1.29	.85	1.50	1.45	.19	1.78	3.18	13.63
1914	.05	T	T	3.98	7.29	3.65	2.58	1.38	.32	3.00	.00	.56	22.83
1915	.19	.72	.42	5.15	2.58	2.15	3.70	2.11	1.21	2.60	.10	.01	20.93
1916	.44	.00	.12	1.49	.69	4.42	2.55	3.45	.72	.22	.03	.37	14.53
1917	.14	.09	.03	.37	2.70	.93	1.64	2.28	1.28	.31	1.02	.00	10.77
1918	.27	.05	2.85	.89	4.87	1.23	1.49	1.67	1.49	1.87	.25	1.74	18.67
1919	.09	.96	3.18	3.48	2.75	1.88	2.41	3.45	5.12	2.50	1.14	T	26.93
1920	.36	.43	.05	.32	3.25	6.81	2.56	1.33	.81	4.49	.34	.08	20.87
1921	1.80	.08	.15	.76	3.70	5.82	5.12	.69	.04	.54	.00	.26	18.93
1922	.37	.67	.73	5.20	5.06	3.40	1.57	1.88	.52	.15	.36	.02	19.93
1923	.00	1.03	1.72	4.09	1.78	6.05	.87	6.92	2.10	6.29	1.23	1.32	33.43
1924	.05	.09	1.61	1.16	2.44	.69	1.32	5.00	1.72	1.01	.24	.03	15.33
1925	.07	.34	.54	1.12	3.36	1.93	4.09	3.00	4.56	1.16	.35	.14	20.63
1926	.19	.01	1.00	2.84	3.70	4.00	.68	1.32	2.05	.33	.10	.81	17.07
1927	T	.33	.29	.90	.00	3.59	4.85	4.53	2.76	.22	T	.05	17.52
1928	.00	.27	.80	.47	6.28	3.37	3.14	4.91	.13	4.25	1.75	.79	26.13
1929	.04	.56	2.43	.40	2.21	2.91	1.60	5.66	1.53	1.04	.89	.09	19.33
1930	.09	T	.63	2.53	1.50	5.58	4.09	2.28	.66	6.79	.36	T	24.53
1931	.27	.40	1.64	2.13	1.92	.85	2.37	2.40	.80	.85	.36	.31	14.37
1932	.42	.46	.30	1.61	1.44	8.74	1.24	1.68	1.71	.81	.18	.86	19.47
1933	.02	.17	.04	.08	.80	.66	.56	5.61	.54	.76	.90	.00	10.11
1934	T	.34	.09	.81	1.52	1.48	.66	1.14	1.94	1.46	.34	T	9.73
1935	.68	.02	.27	T	2.63	1.63	2.91	2.26	1.89	.65	.87	.08	13.33
1936	.37	.01	T	.01	3.67	2.44	1.49	.25	1.19	.07	T	.43	9.93
1937	.01	.10	.60	1.04	5.81	1.28	1.68	1.27	1.10	1.12	.15	.32	14.43
1938	T	.40	.61	.77	1.47	1.11	1.49	1.04	4.12	2.52	.04	.51	14.03
1939	2.04	.15	.35	2.15	.62	3.14	.81	2.79	.57	.61	.10	1.11	14.44
1940	.27	.46	.31	.50	2.74	.28	.89	1.17	1.90	.03	3.83	.36	12.73
1941	.25	.36	2.18	2.71	9.94	5.34	6.78	2.29	5.24	5.67	.02	.13	40.93
1942	T	.40	.87	3.35	.15	2.99	1.80	4.32	1.87	4.66	T	.85	21.23
1943	.06	.06	.01	1.07	1.55	4.48	.75	3.79	.31	.08	.51	1.06	13.73
1944	.92	.49	.31	3.32	3.19	.36	3.16	2.78	1.47	1.65	.71	1.19	19.53
1945	.95	.23	.43	.81	.10	.62	4.67	2.14	3.01	.44	-	.16	-
1946	T	.16	.33	2.15	3.28	1.64	1.31	4.20	1.45	4.37	.90	.02	19.83
1947	.19	.25	.49	2.22	5.57	1.32	3.81	2.82	T	.30	.85	1.06	18.83
1948	.52	2.46	.40	.12	2.46	1.59	2.37	4.93	.10	2.29	.02	.06	17.33
1949	.74	1.27	.80	2.77	5.92	3.25	6.31	1.11	.64	.13	.04	.50	23.43
1950	.01	.02	.02	.75	1.24	4.65	5.64	1.51	4.84	.18	.03	.18	19.07
1951	.83	.75	.48	.42	2.80	1.06	4.45	1.13	.07	.91	.11	.03	13.04
1952	.21	.71	.91	3.98	1.69	1.25	1.30	3.90	.35	.00	.78	.29	15.37
1953	T	.16	.79	.08	1.20	.24	2.02	4.73	.13	5.00	.69	.25	15.23
Mean	.29	.40	.66	1.65	2.81	2.73	2.54	2.66	1.50	1.66	.53	.45	17.83

Table 41 . Monthly and Annual Rainfall in Inches at the Experiment Station near Denton.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1917	.69	1.41	1.68	5.75	5.87	1.28	4.45	4.26	2.38	.19	.81	.03	28.83
1918	1.50	.08	.86	5.66	2.26	4.52	.71	.33	3.62	5.14	6.07	4.43	35.13
1919	2.84	2.64	3.17	2.87	4.00	3.23	4.10	4.09	3.54	10.99	3.31	.97	45.75
1920	3.49	.42	2.39	1.82	11.01	6.76	5.24	5.74	3.12	6.13	1.76	2.05	49.93
1921	2.47	2.28	1.82	5.02	2.52	2.27	2.57	1.16	.74	.10	.23	1.71	22.83
1922	1.66	1.57	2.29	8.73	4.00	3.04	.26	.78	.57	1.89	4.57	.19	29.53
1923	2.43	1.55	1.99	3.39	.88	5.57	.50	1.79	1.61	7.38	2.40	5.52	35.03
1924	.65	1.16	4.04	2.93	1.70	.92	.57	2.12	3.23	.00	.21	2.09	19.63
1925	1.32	.77	.05	4.28	4.56	.66	.56	4.32	1.54	3.23	1.53	.01	22.83
1926	4.23	.38	3.54	2.75	4.65	3.16	5.40	3.30	1.71	6.08	.59	3.89	39.63
1927	2.08	4.93	1.72	3.72	.69	2.91	4.12	.69	2.60	4.27	.03	5.47	33.23
1928	.67	2.23	.67	3.18	4.03	5.74	1.96	2.30	.13	2.35	1.82	3.81	28.94
1929	2.66	1.11	1.30	2.51	8.75	.69	1.39	.23	2.46	3.26	1.45	2.95	28.76
1930	.79	1.69	1.24	1.78	7.64	1.72	.53	3.30	1.05	7.30	2.63	1.22	30.83
1931	1.35	3.77	3.87	1.71	2.19	1.37	2.01	2.48	.33	4.16	2.11	2.17	27.52
1932	7.12	4.15	.61	1.96	4.57	4.82	2.79	.74	2.08	1.33	.04	5.60	35.63
1933	3.33	1.68	3.41	2.24	5.22	.05	4.11	3.70	1.91	1.26	.59	1.54	29.04
1934	1.25	1.85	3.75	4.19	4.24	.23	.05	.19	3.37	.14	2.69	.41	22.36
1935	4.45	2.55	2.20	3.54	11.52	5.27	3.08	.21	7.36	3.11	3.09	2.86	49.24

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Monthly and Annual Rainfall in Inches at the Experiment Station near Denton.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1936	.85	.11	1.82	.60	7.77	.02	1.60	.12	9.75	3.72	.89	1.60	28.85
1937	1.73	.46	3.22	.92	1.00	4.10	1.42	2.56	.43	3.72	1.82	4.54	25.92
1938	3.29	4.44	8.58	2.75	2.34	3.08	2.29	T	.70	.07	1.55	1.67	30.76
1939	2.92	3.51	1.96	5.02	2.14	3.06	.97	2.04	T	.67	2.23	.73	25.25
1940	.61	3.17	.51	6.04	6.63	4.91	4.00	2.59	1.02	2.34	6.31	4.22	42.35
1941	.39	3.75	1.70	4.60	2.60	9.26	.65	5.36	1.50	7.27	.72	1.46	39.26
1942	.17	.80	1.16	11.55	4.22	5.20	.17	3.05	3.15	3.97	1.29	1.51	36.24
1943	.15	.83	4.69	1.38	8.75	2.40	2.03	.00	4.29	.99	1.08	4.22	30.81
1944	2.53	5.60	1.50	5.43	5.73	.31	1.36	5.07	.66	2.80	3.96	3.78	38.73
1945	1.36	6.80	6.57	5.08	1.00	3.79	3.69	.79	3.82	4.13	1.29	.91	39.23
1946	2.43	4.03	3.08	4.35	7.46	2.63	1.31	2.37	1.65	1.11	8.17	3.24	41.83
1947	.97	.37	2.98	3.00	3.19	2.76	.00	2.16	2.97	2.49	2.71	5.97	29.57
1948	.56	4.86	.70	.64	4.20	2.81	2.30	.51	1.10	1.33	.50	.33	19.84
1949	5.11	3.05	2.76	.92	7.50	3.85	2.44	2.41	4.88	6.11	.00	1.84	40.87
1950	4.54	2.20	.96	4.09	5.95	4.45	5.83	2.36	3.98	.14	.05	.04	34.59
1951	.59	2.29	.81	1.67	3.28	5.82	1.60	.64	2.49	2.06	1.17	.36	22.78
1952	.54	2.00	2.41	6.46	4.30	.30	1.69	.34	.27	.08	5.07	2.18	25.64
1953	.34	1.07	2.86	4.59	4.73	2.09	2.66	1.78	1.15	3.76	3.15	1.07	29.25
Mean	2.00	2.31	2.40	3.70	4.68	3.11	2.17	2.05	2.36	3.11	2.10	2.34	32.33

Table 42 . Monthly and Annual Rainfall in Inches at the Experiment Station near Iowa Park.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1926	1.69	.03	2.79	3.85	2.29	3.88	7.93	5.66	4.06	3.66	.28	5.08	41.20
1927	1.78	2.54	1.43	3.27	1.61	5.45	3.27	.95	1.90	1.33	1.31	1.29	26.13
1928	.72	1.18	1.08	2.13	3.90	6.10	8.33	1.19	.16	2.67	.85	1.21	29.52
1929	.42	1.27	3.45	.53	7.30	1.48	4.64	.46	4.51	1.31	1.63	.02	27.02
1930	.95	.52	1.46	2.62	3.68	5.13	2.69	1.31	2.13	12.14	1.40	2.80	36.83
1931	1.71	3.79	3.13	1.61	2.74	.77	1.73	1.06	.59	8.41	3.24	2.34	31.12
1932	3.09	4.51	.30	1.95	2.11	2.73	3.09	5.19	2.49	1.39	.15	6.09	33.09
1933	.55	.93	4.17	.71	7.82	.25	.28	5.98	.78	.26	1.67	2.65	26.05
1934	.52	1.06	4.21	1.22	2.93	1.42	.48	2.40	4.13	.64	5.62	.07	24.70
1935	.41	1.33	2.97	1.41	9.70	4.40	1.93	1.07	3.63	2.79	1.68	1.18	32.50
1936	1.21	.11	.30	1.29	3.69	.67	.85	.00	12.56	1.89	.16	.62	23.35
1937	.91	.01	2.66	1.23	2.71	3.32	1.79	4.72	.35	6.14	1.13	1.85	26.82
1938	1.54	7.30	6.10	2.28	6.76	6.57	2.95	2.85	2.07	.26	1.64	.36	40.68
1939	2.43	.44	2.73	.83	3.07	3.58	1.68	3.24	.49	2.13	1.72	.70	23.04
1940	.24	2.11	T	4.39	5.23	3.14	3.44	4.00	2.72	3.71	4.60	2.38	35.96
1941	2.55	3.23	.83	4.98	11.30	7.20	1.71	3.26	4.56	16.62	.86	1.68	58.78
1942	.17	.43	1.06	7.20	1.45	2.29	1.02	1.38	2.66	7.44	1.71	2.32	29.13
1943	.13	.12	2.35	6.75	4.58	1.88	.02	.02	2.05	1.50	.95	2.59	22.94
1944	2.15	2.90	.83	1.23	2.31	1.81	.98	3.54	1.75	5.74	2.51	1.85	27.60
1945	1.81	3.74	3.26	3.71	1.09	6.18	2.71	1.99	6.75	1.49	.40	.20	33.33
1946	2.26	1.90	1.52	1.58	3.91	1.42	1.06	.42	4.50	.80	2.80	4.42	26.59
1947	.62	.40	1.41	5.56	7.82	.75	.62	.07	.68	1.47	2.97	2.94	25.31
1948	.36	2.14	1.06	1.25	5.01	3.99	.89	3.12	.00	2.11	.59	.94	21.46
1949	4.36	1.38	1.70	1.14	6.48	3.25	.92	.78	4.62	3.93	.00	1.21	29.78
1950	.83	1.13	.03	3.11	7.84	3.97	6.88	6.40	4.68	.63	-	.04	-
1951	.40	1.46	1.86	1.87	4.65	2.73	2.55	.31	2.77	1.58	.31	.00	20.49
1952	.66	.61	1.69	1.83	6.42	.12	1.52	.83	.04	.00	2.38	1.37	17.47
1953	.20	.64	2.91	1.96	2.19	4.08	.97	3.26	1.60	6.13	.85	.19	24.98
Mean	1.24	1.69	2.05	2.55	4.66	3.16	2.39	2.34	2.83	3.51	1.61	1.73	29.76

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Wichita Falls (Iowa Park).

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1891	4.30	.03	1.70	6.40	2.69	5.80	3.30	1.80	1.90	.50	.50	2.50	31.42
1892	.40	.20	2.43	.50	6.41	.00	3.00	-	-	-	-	-	-
1893	.25	-	-	.60	2.80	-	-	-	-	T	.20	1.83	-
1894	1.38	.88	2.29	3.14	5.61	3.12	1.25	3.19	1.23	.40	T	1.28	23.77
1895	.60	.90	1.49	1.43	.99	8.30	4.97	.72	T	2.70	3.04	2.93	28.07
1896	.99	.57	.94	.20	.40	2.14	.32	.36	.92	1.07	1.93	2.54	12.38
1897	1.39	.42	3.65	1.63	6.60	4.06	2.15	1.75	2.00	1.75	.83	1.37	27.60
1898	1.43	2.00	4.65	1.92	2.73	4.85	1.96	2.43	.29	.48	.65	2.77	26.16
1899	1.63	.20	.33	3.14	2.86	6.39	8.35	.00	1.51	5.36	6.70	3.26	39.73
1900	.03	.40	1.44	6.60	10.84	.48	5.39	2.67	7.11	7.10	.35	T	42.41
1901	.16	1.50	.50	1.10	12.79	1.65	1.80	.10	2.36	T	1.10	.91	23.97

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Wichita Falls (Iowa Park).

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1902	.10	.00	2.66	2.07	11.05	T	.98	.00	6.95	4.90	7.39	1.45	37.55
1903	1.35	6.80	2.30	.35	6.20	3.59	.03	2.53	1.02	.55	.00	.50	25.22
1904	1.50	.45	.00	3.35	4.02	3.35	.82	3.10	7.58	.60	.00	.00	24.77
1905	1.37	1.80	4.71	4.12	9.90	3.61	3.17	1.40	6.22	1.90	4.00	1.90	44.10
1906	1.50	.75	.33	3.30	4.65	4.93	2.48	5.72	4.33	1.47	1.87	.94	32.27
1907	1.18	.23	1.99	1.30	5.62	2.78	2.72	1.68	1.10	4.32	1.94	.15	25.01
1908	.05	.11	.07	8.05	7.57	6.90	5.06	.50	.84	1.77	2.01	.00	32.93
1909	.06	.18	1.96	.80	1.40	6.08	.60	1.68	.50	1.50	3.28	1.30	19.34
1910	.25	.59	.61	1.54	5.07	2.34	2.62	1.42	.30	1.60	.63	1.21	18.18
1911	.24	1.83	.25	2.68	.19	.29	4.66	1.87	.73	.43	.62	6.21	20.00
1912	.07	2.30	3.19	2.15	.96	5.04	1.19	2.42	2.00	3.97	.00	1.50	24.79
1913	1.00	.80	1.10	3.45	3.20	2.70	1.80	.00	5.65	2.20	7.20	4.27	33.37
1914	.00	.00	3.06	3.87	7.00	1.25	3.95	11.05	.44	1.10	2.26	2.25	36.23
1915	1.20	2.35	.95	6.25	11.48	7.40	2.05	6.00	3.45	4.35	.20	.90	46.58
1916	1.75	.00	1.95	6.70	1.45	1.90	2.15	2.55	1.40	1.10	.90	.00	21.85
1917	.30	1.00	.32	1.50	3.55	1.40	3.85	3.05	1.15	.00	1.65	.10	17.87
1918	1.00	.00	3.30	3.25	2.35	2.85	.85	.45	3.30	5.85	1.55	4.80	29.55
1919	3.05	1.20	3.05	1.50	9.90	7.15	2.90	1.40	6.50	7.95	2.55	.00	47.15
1920	2.20	.40	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	2.43	-
1924	.09	1.07	2.46	2.15	1.44	1.78	.39	2.38	2.68	.37	1.06	.75	16.62
1925	1.12	.33	.14	4.69	2.84	1.97	1.13	1.05	5.73	3.26	1.38	.16	23.80
1926	2.06	.04	3.57	3.55	2.34	5.50	5.10	3.40	2.84	1.80	.15	4.77	35.12
1927	2.21	2.54	.78	2.64	.99	5.35	4.20	1.45	3.63	2.29	1.78	1.30	29.16
1928	1.04	1.45	1.11	1.47	3.99	6.28	5.68	2.67	.30	1.93	1.05	1.06	28.03
1929	1.43	.97	2.08	.46	7.33	1.54	3.71	1.05	3.53	1.80	1.09	.18	25.17
1930	1.82	1.09	1.47	1.30	3.04	4.08	.42	1.35	1.02	9.79	1.48	2.34	29.20
1931	1.37	4.16	3.18	1.17	3.35	1.00	1.76	.54	.60	5.81	3.10	2.25	28.29
1932	3.44	4.14	.29	2.11	1.28	3.35	3.02	3.30	2.57	1.02	.05	4.63	29.20
1933	.27	.79	3.02	.45	8.94	.05	.99	4.20	.92	.19	1.20	2.24	23.26
1934	.67	.87	2.72	1.19	2.98	1.52	.06	2.41	3.62	1.14	4.37	.05	21.60
1935	.41	1.34	1.84	1.29	6.45	6.57	1.75	.96	2.22	3.61	1.37	.96	28.77
1936	.74	.09	.09	1.54	4.22	.62	.62	.00	9.93	1.82	.16	.52	20.35
1937	.40	.04	1.99	1.06	1.59	2.32	.53	3.87	.44	4.73	1.96	1.48	20.41
1938	1.86	4.50	3.12	1.89	3.13	3.87	3.09	.85	.51	.14	1.74	.36	25.06
1939	2.12	.23	2.30	1.10	2.96	1.62	.66	3.15	T	2.36	1.31	.50	18.31
1940	.08	1.10	T	3.15	3.23	3.20	2.25	3.77	1.98	1.78	2.83	1.82	25.19
1941	1.78	2.28	.85	4.93	3.91	8.22	2.42	2.29	3.53	11.77	.60	1.12	43.70
1942	.13	.59	.50	7.35	1.12	3.34	.58	1.25	3.63	5.33	1.66	1.47	26.95
1943	.07	.12	1.91	3.14	3.30	3.83	T	T	.51	.39	.69	2.56	16.52
1944	1.83	2.34	.77	.98	3.71	3.09	1.32	2.41	3.42	4.55	2.10	1.38	27.90
1945	2.00	3.43	3.64	2.83	1.09	8.38	2.38	2.62	5.89	1.34	.31	.17	34.08
1946	2.32	1.57	1.59	1.48	5.44	1.62	1.67	1.22	3.95	1.13	2.64	4.32	28.95
1947	.53	.31	1.42	5.24	5.15	3.29	.81	.02	.93	1.04	3.08	1.80	23.62
1948	.47	2.78	1.35	1.20	6.74	3.97	1.47	1.45	T	1.75	.50	.37	21.85
1949	3.92	1.28	1.16	1.92	6.35	1.41	1.27	1.77	4.89	3.69	.00	1.06	28.72
1950	1.09	.87	.07	3.28	7.29	3.93	11.86	6.51	4.13	.20	T	.02	39.25
1951	.35	1.25	2.63	3.02	5.42	3.77	2.88	.51	1.18	1.43	.20	.07	22.71
1952	.71	.56	1.72	2.47	4.07	.80	2.17	.24	.03	T	2.45	1.14	16.36
1953	.16	.83	1.90	1.80	2.25	2.88	1.33	2.71	.37	5.07	1.58	.52	21.40
Mean	1.13	1.20	1.74	2.60	4.51	3.44	2.41	2.09	2.56	2.52	1.64	1.54	27.38

Table 43 . Monthly and Annual Rainfall in Inches at the Experiment Station near Lake Kickapoo.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	-	1.86	1.06	1.28	2.25	7.56	1.16	.35	.10	1.26	.63	.59	-
1949	3.30	1.50	2.01	.28	7.00	5.95	.98	1.29	5.36	3.15	.00	1.23	32.05
1950	.58	.58	.02	3.39	6.72	4.49	11.35	10.78	2.87	.00	.00	.00	40.78
1951	.42	.71	.54	1.67	2.90	3.81	1.03	.75	2.78	1.56	.00	-	-
1952	-	.34	1.06	1.48	3.37	.90	1.64	.75	.28	.00	2.24	1.03	-
1953	.16	.74	3.63	1.74	1.36	1.21	3.52	1.75	.87	7.03	1.08	.13	23.22
Mean	1.12	.96	1.39	1.64	3.93	3.99	3.28	2.61	2.04	2.17	.66	.60	24.39

Table 44 . Monthly and Annual Rainfall in Inches at the Experiment Station near Lubbock.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1917	.35	.05	.21	.58	1.07	.64	1.42	1.16	3.03	.14	.08	T	8.73
1918	.84	.58	.05	.72	1.67	2.95	.53	.79	.79	.51	.69	2.03	12.15
1919	.12	.25	3.39	3.53	2.10	3.52	2.28	2.83	5.70	7.34	.36	.19	31.61
1920	.90	.11	.24	.15	2.91	3.66	2.19	2.64	1.63	1.43	2.21	.09	18.16
1921	.14	.45	1.47	.24	.43	7.71	.84	.92	4.50	.02	T	T	16.72
1922	.34	.20	.55	3.59	3.50	2.43	1.36	.28	.17	.60	1.50	.07	14.59
1923	.24	.76	1.04	3.18	2.77	3.98	1.65	1.59	2.67	6.80	.85	.64	26.17
1924	T	.17	.96	.86	.90	1.79	1.20	1.76	1.25	.47	.03	.06	9.45
1925	.65	.02	T	1.12	2.31	.86	3.38	3.32	9.44	1.33	.11	.21	22.75
1926	.56	.04	1.64	1.81	5.14	1.10	1.03	2.75	4.15	8.40	.67	1.77	29.06
1927	.79	.37	T	.40	T	2.91	2.16	.59	1.16	.40	T	.81	9.59
1928	.31	1.18	T	.09	3.08	1.06	6.78	4.04	.08	2.10	.74	.28	19.74
1929	.43	.34	2.03	.15	6.91	.90	.20	1.68	1.36	3.56	1.00	.07	18.63
1930	.61	.03	.45	1.04	1.71	1.70	.12	1.34	.11	3.91	.94	1.44	13.40
1931	.32	1.98	1.34	1.82	1.32	.95	2.17	2.44	.72	3.47	1.39	1.44	19.36
1932	.93	1.09	.04	1.84	2.37	5.66	1.90	3.15	3.41	1.29	.00	2.48	24.16
1933	.37	.95	.02	.06	2.97	.21	1.36	2.19	.71	.42	.99	.06	10.31
1934	.06	.06	1.98	1.08	1.26	.28	.65	1.66	1.86	.28	.55	T	9.72
1935	.12	.60	.89	.04	3.49	2.57	1.25	1.69	3.02	1.22	2.04	.33	17.26
1936	1.08	T	.59	.92	5.86	.92	1.13	.13	13.93	1.52	.74	.21	27.03
1937	.26	.01	1.81	2.01	4.00	3.12	1.32	2.06	3.85	3.22	.07	.52	22.25
1938	.91	1.18	.49	.14	1.99	5.89	4.01	.47	.63	.51	.27	.03	16.52
1939	2.45	.19	.09	.28	1.82	.67	1.73	2.75	.01	.94	.18	.60	11.71
1940	.23	1.97	T	1.84	1.74	2.06	T	1.57	.73	1.07	2.35	.20	13.76
1941	.55	.61	3.56	2.23	12.69	4.13	3.68	1.85	4.47	5.89	.17	.72	40.55
1942	.04	.18	.51	3.25	.35	1.74	2.58	4.97	7.61	3.39	.01	2.70	27.33
1943	.04	.02	.25	.53	2.71	2.37	3.17	.00	1.16	.10	.62	1.87	12.84
1944	1.28	1.36	1.09	.84	3.03	1.75	2.93	2.37	3.73	.80	1.72	1.64	22.54
1945	.69	.39	.10	.46	.46	.36	3.08	2.17	2.22	2.26	.27	.32	12.78
1946	1.18	.15	.76	.07	1.49	2.72	.58	3.55	3.49	4.67	.44	1.04	20.14
1947	.82	T	.92	1.13	6.03	.55	1.18	.25	.13	.74	1.37	.51	13.63
1948	.11	1.59	.22	.48	2.05	1.22	1.22	.31	1.06	1.09	.02	.10	9.47
1949	3.67	.38	.78	1.78	6.95	4.62	2.47	2.36	4.87	1.02	.00	.39	29.29
1950	.23	.07	.00	.68	2.51	.77	2.67	1.40	2.24	.29	.03	.02	10.91
1951	.21	.72	.61	.55	2.61	1.91	1.92	3.93	.50	.64	.13	T	13.73
1952	1.16	.14	.02	3.39	1.73	1.76	3.31	1.17	.90	.00	.74	.22	14.54
1953	.35	.09	-	.48	.85	.45	1.07	2.21	.08	4.02	.12	-	-
Mean	.63	.49	.78	1.17	2.83	2.21	1.91	1.90	2.63	2.05	.63	.64	17.87

Table 45 . Monthly and Annual Rainfall in Inches at the Experiment Station near Mansfield Dam.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1944	-	-	-	-	-	2.72	.10	5.92	2.18	.58	3.44	3.17	-
1945	2.77	3.73	3.27	4.90	1.89	6.19	2.83	2.94	2.85	-	1.84	1.52	-
1946	3.48	3.42	2.28	4.95	4.84	2.42	.57	2.47	3.60	1.10	5.24	3.08	37.45
1947	3.52	.31	1.63	2.17	4.04	.05	.35	.89	.00	.00	1.42	1.56	15.94
1948	.80	2.42	.96	1.90	2.63	1.67	.85	.88	1.32	1.95	-	1.18	-
1949	2.63	2.05	2.82	5.82	.39	2.03	1.29	3.18	2.58	3.14	.00	2.96	28.89
1950	.55	2.76	.43	6.30	2.14	1.99	.84	.99	1.81	.74	.06	.00	18.61
1951	.13	2.25	3.04	.58	3.89	1.90	.00	.75	4.48	.92	.57	.56	19.07
1952	.45	1.77	2.12	5.29	4.17	1.26	1.85	.00	4.65	.00	4.18	2.85	28.59
1953	.29	1.62	1.43	2.01	1.14	1.36	.41	2.48	4.42	5.06	.56	2.07	22.85
Mean	1.62	2.26	2.00	3.77	2.79	2.16	.91	2.05	2.79	1.50	1.92	1.90	25.67

Table 46 . Monthly and Annual Rainfall in Inches at the Experiment Station near Nacogdoches.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1915	4.72	3.87	2.51	4.04	4.11	1.09	5.56	11.14	2.14	.97	4.51	3.35	48.01
1916	8.29	.23	.79	5.26	11.32	2.22	4.09	1.92	.77	1.40	3.73	3.29	43.31
1917	3.12	3.87	2.38	3.75	2.73	.48	5.92	.41	2.77	1.27	.84	.72	28.26
1918	1.18	1.11	1.99	8.20	2.10	2.84	1.39	5.18	2.81	4.91	7.05	2.86	41.62
1919	5.36	4.69	3.58	.95	7.37	16.81	2.48	4.82	1.75	10.64	3.52	1.87	63.84
1920	6.77	1.20	4.18	4.33	3.66	2.86	3.88	8.36	1.48	4.80	5.13	5.68	52.33
1921	3.12	1.92	6.50	7.32	2.48	7.04	7.33	2.30	2.42	1.46	.79	3.82	46.50
1922	7.19	6.44	9.03	12.91	5.41	3.81	3.92	3.45	.93	.64	4.38	4.10	62.21
1923	3.89	6.85	6.36	9.78	4.30	3.10	4.19	1.71	13.52	2.74	5.29	10.03	71.76

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Monthly and Annual Rainfall in Inches at the Experiment Station near Nacogdoches.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1924	5.33	5.00	4.51	5.90	8.22	4.07	.13	.04	2.25	.04	1.81	3.29	40.59
1925	5.56	1.48	1.47	1.16	3.03	.39	3.47	1.11	3.29	11.26	8.18	1.51	41.91
1926	3.82	.85	9.58	4.81	3.13	7.01	6.97	1.22	.96	1.45	3.75	8.52	52.07
1927	1.36	3.54	6.58	6.60	3.80	10.50	.76	2.12	1.22	3.82	1.19	4.23	45.72
1928	.76	3.64	5.58	3.18	2.46	4.10	6.92	.74	1.00	2.53	5.48	3.60	39.99
1929	3.72	3.41	3.15	4.34	12.79	1.97	3.76	.66	.69	1.38	7.61	6.17	49.65
1930	6.77	4.42	2.59	.67	8.46	2.34	1.91	3.08	4.18	5.46	5.64	3.25	48.77
1931	3.87	6.11	4.08	4.97	3.61	.60	3.72	5.70	.32	2.30	4.23	10.64	50.15
1932	11.79	8.58	3.44	2.40	2.07	.99	2.51	2.39	1.52	1.51	2.79	7.66	47.65
1933	2.78	6.23	5.69	5.14	8.65	.67	13.76	1.05	1.52	.51	.37	7.99	54.36
1934	10.29	4.28	6.50	6.43	3.03	.78	1.25	1.33	3.36	.46	10.30	5.21	53.22
1935	3.31	3.01	2.44	8.53	17.05	3.97	3.49	.95	4.80	2.96	5.61	6.08	62.20
1936	1.25	1.83	1.71	3.35	6.12	.27	4.17	2.78	1.33	3.10	2.75	4.74	33.40
1937	8.22	2.54	4.35	3.76	1.25	2.83	2.14	1.94	5.51	3.71	4.85	6.54	47.64
1938	4.16	3.26	6.18	4.70	3.36	4.09	4.39	.43	1.28	1.89	3.75	2.43	39.92
1939	4.87	7.42	1.94	2.56	4.48	1.02	3.01	1.35	.67	1.85	5.28	8.69	43.14
1940	2.21	7.13	2.68	6.56	4.36	6.35	3.07	6.93	1.91	1.87	16.12	8.85	68.04
1941	1.99	4.82	3.64	2.19	5.25	7.76	7.33	2.16	7.63	12.64	3.64	3.77	62.82
1942	2.40	1.65	2.80	5.28	3.97	6.60	1.00	4.66	4.70	.76	1.71	3.51	39.04
1943	3.48	1.31	2.74	.88	3.02	2.78	4.22	1.80	2.99	2.41	2.57	4.90	33.10
1944	6.00	4.88	5.58	4.95	10.63	2.37	1.04	5.00	1.49	.29	7.43	8.92	58.58
1945	4.64	4.68	4.65	5.69	4.80	4.11	6.94	2.51	4.48	6.67	1.62	4.46	55.25
1946	7.50	5.55	7.78	3.17	8.80	3.14	4.29	4.71	2.92	1.82	9.14	3.51	62.23
1947	4.45	2.06	5.07	4.49	5.96	3.29	2.28	.40	.80	1.19	5.08	5.17	40.24
Mean	4.67	3.87	4.30	4.80	5.51	3.70	3.98	2.86	2.71	3.05	4.73	5.13	49.31

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Nacogdoches.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1892	1.76	3.99	3.78	4.39	4.65	3.51	1.82	3.41	1.18	1.70	7.10	4.30	41.59
1900	4.70	1.16	6.44	7.00	8.13	6.59	3.72	3.28	3.77	4.04	6.54	1.67	57.04
1901	1.83	5.14	3.51	5.79	2.25	5.41	4.62	2.18	5.17	4.50	2.59	2.19	45.18
1902	2.51	3.60	5.21	2.91	4.54	14.22	5.77	.48	10.03	5.57	6.19	2.04	63.07
1903	4.86	6.70	5.05	1.23	2.98	2.99	7.52	3.01	.15	5.98	.37	5.17	46.01
1904	1.86	3.86	3.23	4.41	2.71	4.06	5.54	3.56	4.68	.33	.88	8.03	43.15
1905	3.19	3.98	5.62	8.88	8.99	5.21	9.43	3.69	2.74	1.78	10.16	5.86	69.53
1906	4.85	1.73	1.63	4.26	1.54	4.65	7.91	1.68	1.74	4.12	1.91	3.60	39.62
1907	2.96	2.84	2.15	4.65	9.07	.21	2.33	.15	.63	6.44	10.39	4.55	46.37
1908	2.31	6.37	3.40	4.12	6.87	.92	2.46	3.92	5.59	.12	2.98	1.56	40.62
1909	.44	3.24	2.01	3.93	4.79	3.90	4.33	1.15	1.23	2.89	.85	8.40	37.16
1910	1.56	9.76	.89	4.22	8.52	4.92	2.14	1.84	.94	2.27	3.41	5.24	45.71
1911	T	2.93	3.89	9.62	.61	.52	11.17	2.09	.53	1.84	5.00	10.51	48.71
1912	1.96	3.57	7.18	7.46	9.44	4.66	.64	2.30	T	.91	.80	6.49	45.41
1913	4.04	3.98	4.63	4.42	5.01	1.61	.81	.68	11.87	3.81	2.75	6.44	50.05
1914	1.00	3.87	4.32	4.64	7.32	1.03	T	5.22	1.83	.67	4.11	3.90	42.91
1915	4.61	3.19	2.30	2.82	2.87	.75	4.61	7.85	1.53	1.21	3.03	2.44	37.21
1916	7.66	.58	.81	5.28	10.74	2.43	3.57	.76	.67	1.27	3.75	3.18	40.70
1917	3.79	4.26	1.91	3.27	3.25	.77	5.83	.06	3.74	1.38	.69	.11	29.06
1918	1.45	.92	1.81	6.99	1.67	2.63	2.28	3.31	3.87	4.50	6.55	3.02	39.00
1919	4.16	4.49	2.48	1.29	6.96	8.72	1.82	5.49	2.42	9.65	4.06	1.50	53.04
1920	6.93	1.17	5.33	4.94	4.57	3.06	4.74	6.83	1.47	3.51	4.66	5.69	52.90
1921	3.12	2.16	7.28	6.30	1.71	5.90	7.10	3.21	3.22	1.05	.61	4.20	45.86
1922	6.36	6.10	8.35	11.66	5.05	2.74	3.11	3.41	1.03	.70	5.26	3.88	57.65
1923	3.75	6.20	6.22	9.90	4.92	4.20	1.42	1.84	8.80	2.71	5.07	9.38	64.41
1924	5.01	5.16	4.35	5.71	9.46	3.07	.06	T	1.97	.05	2.14	2.75	39.73
1925	5.77	1.44	1.00	1.10	1.85	.28	3.02	.63	2.63	11.14	8.79	.93	38.58
1926	3.65	.60	8.39	4.95	2.40	6.62	7.35	1.76	.50	.68	3.50	7.61	48.01
1927	1.27	2.25	7.10	6.13	3.54	7.47	.89	.56	2.49	3.65	1.22	4.42	40.99
1928	.82	3.38	5.66	2.46	2.92	4.38	5.15	.94	1.08	2.31	5.53	3.03	37.66
1929	3.76	2.63	3.00	4.67	12.73	3.28	3.98	.89	1.47	1.55	7.69	7.39	53.04
1930	6.45	4.46	2.35	.48	6.66	2.36	1.74	2.45	4.57	5.48	5.53	3.17	45.70
1931	3.63	5.73	3.52	3.85	2.96	.78	1.99	6.41	.22	2.10	4.17	9.77	45.13
1932	11.61	9.50	3.42	2.42	2.37	.95	1.43	2.36	.92	1.32	2.98	6.85	46.13
1933	1.90	4.32	5.50	4.09	5.50	.60	12.72	.60	1.77	.73	.35	7.40	45.48
1934	8.01	4.86	6.68	6.38	4.39	.93	1.28	.96	3.64	1.88	9.45	4.55	53.01
1935	3.03	2.25	2.37	7.23	15.60	2.73	1.61	.50	3.44	2.83	5.65	5.53	52.77
1936	1.77	1.72	1.02	3.04	4.89	.40	4.09	3.55	1.00	2.90	2.79	5.01	32.18
1937	7.75	2.70	3.91	5.11	1.44	3.86	3.15	3.34	2.96	3.65	4.18	5.13	47.18
1938	4.13	2.47	5.88	5.32	2.46	3.60	3.81	.43	.56	1.72	4.64	2.57	37.59
1939	5.62	6.89	1.86	2.64	4.20	1.38	2.88	.94	.58	2.55	3.84	9.05	42.43
1940	1.85	8.09	2.44	6.67	3.96	5.78	.80	7.46	2.53	.67	18.85	8.87	67.97

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Nacogdoches.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1941	2.25	4.95	3.65	1.61	6.66	7.69	7.56	2.46	5.89	12.79	3.47	3.70	62.68
1942	2.58	1.51	3.04	5.51	4.23	5.74	2.00	4.09	3.40	1.02	1.94	3.67	38.73
1943	2.94	1.90	2.15	.64	2.46	1.37	3.89	2.80	2.03	2.61	3.19	4.39	30.37
1944	6.38	5.49	6.57	5.23	12.57	3.60	1.93	5.15	2.07	.76	7.74	8.89	66.38
1945	5.99	4.68	4.65	5.69	4.80	4.11	6.94	2.51	4.48	6.74	1.62	4.46	56.67
1946	7.40	5.55	7.78	3.17	8.80	3.14	4.29	4.75	2.92	1.82	9.14	3.51	62.27
1947	4.45	2.06	5.07	4.49	5.96	3.29	2.28	.40	.80	1.19	5.08	5.17	40.24
1948	3.95	4.20	2.28	5.16	4.10	.99	3.11	.76	1.02	1.04	5.98	4.30	36.89
1949	7.16	3.37	4.36	5.05	5.47	2.47	3.23	1.40	3.27	13.24	.59	5.57	55.18
1950	5.91	6.51	1.72	5.34	10.61	6.09	4.78	.72	8.84	1.09	2.37	4.32	58.30
1951	3.84	3.56	4.31	1.53	1.40	3.59	2.94	.46	5.45	.64	3.06	6.30	37.08
1952	2.79	3.16	3.71	5.12	5.34	1.01	4.21	.82	.94	T	6.05	6.02	39.17
1953	3.09	4.14	7.57	8.71	11.82	5.41	6.15	3.21	1.94	3.05	3.21	6.02	64.32
Mean	3.93	3.91	4.09	4.80	5.47	3.50	3.89	2.45	2.80	2.98	4.44	5.07	47.33

Table 47. Monthly and Annual Rainfall in Inches at the Experiment Station near Possum Kingdom Dam.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	-	-	-	1.12	3.46	5.15	1.92	1.02	2.46	2.60	1.37	.03	-
1952	.50	.51	1.19	3.22	2.71	.58	.52	.01	1.19	.00	3.69	.79	14.91
1953	.01	.59	1.86	1.35	3.40	.63	.84	1.65	.32	5.50	1.20	.39	17.74
Mean	.26	.55	1.52	1.90	3.19	2.12	1.09	.89	1.32	2.70	2.09	.40	18.03

Table 48. Monthly and Annual Rainfall in Inches at the Experiment Station near Prairie View.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	-	-	4.73	1.02	3.99	4.63	1.43	.46	8.01	.92	1.55	2.06	-
1952	2.51	3.87	2.56	7.93	6.62	1.61	3.86	.04	1.83	-	6.50	3.49	-
1953	1.34	3.91	.70	6.08	4.12	3.57	1.16	5.37	.29	5.35	2.58	6.78	41.25
Mean	1.92	3.89	2.66	5.01	4.91	3.27	2.15	1.96	3.38	3.14	3.54	4.11	39.94

Table 49. Monthly and Annual Rainfall in Inches at the Experiment Station near San Antonio.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1923	.46	5.47	3.07	3.25	1.33	.79	2.54	2.94	2.98	1.39	4.21	4.29	32.72
1924	.97	4.45	1.33	2.91	4.95	5.83	.07	T	4.63	.58	.12	2.58	28.42
1925	.21	.09	.80	.28	3.09	.10	2.06	2.05	3.35	2.32	1.77	1.29	17.41
1926	2.42	.11	5.01	5.65	3.39	3.59	.66	1.11	1.83	2.60	1.83	2.73	30.93
1927	.92	3.04	2.77	2.98	2.58	5.71	.34	.56	1.35	2.57	T	2.23	25.05
1928	.78	2.77	1.30	2.08	5.55	2.43	4.29	.42	8.10	2.05	2.65	3.11	35.53
1929	1.21	.25	3.14	1.75	13.26	2.24	3.81	.12	1.01	2.68	2.18	1.89	33.54
1930	1.24	1.27	1.71	1.52	.93	4.57	2.96	.15	2.49	4.05	2.76	1.25	24.90
1931	6.38	2.57	3.60	2.26	2.66	2.26	7.00	.78	.03	.78	.37	3.47	32.16
1932	4.40	2.99	1.20	2.17	2.28	1.35	2.97	3.98	5.56	.55	.73	1.34	29.52
1933	.32	2.08	.50	1.82	3.24	1.77	7.05	3.20	1.98	.54	.69	.67	23.86
1934	5.46	.80	2.38	5.37	1.33	.11	3.16	.26	3.08	.23	3.65	5.34	31.17
1935	.58	2.55	1.24	4.35	8.79	4.96	2.06	.16	9.20	.99	.65	3.14	38.67
1936	.38	.42	1.56	2.00	5.43	4.62	3.44	2.89	5.34	2.44	2.10	1.25	31.87
1937	.72	.09	1.90	.97	5.85	1.72	2.53	2.21	.01	2.55	.74	7.67	26.96
1938	3.80	1.11	3.08	5.47	3.55	.79	1.51	.34	1.37	.03	.62	1.89	23.26
1939	1.91	1.00	.33	.12	1.40	.44	2.93	3.04	1.83	.10	.93	.71	14.74
1940	.75	1.73	1.84	3.63	1.91	5.62	1.34	1.03	1.62	3.57	3.94	4.57	31.55
1941	2.56	2.69	1.98	4.89	4.78	4.22	.22	3.92	5.18	2.43	1.00	1.10	34.97
1942	.09	1.87	.63	4.44	2.37	2.03	8.56	1.64	7.73	8.88	1.67	.24	40.15
1943	.92	.03	1.50	.49	2.32	1.21	4.47	.18	4.11	1.39	3.12	.86	20.60
1944	4.38	1.04	2.21	.67	5.05	1.41	.20	3.28	1.94	1.42	3.35	2.87	27.82
1945	3.54	3.98	2.20	1.41	1.57	4.33	2.06	.16	4.10	1.77	.20	.83	26.15
1946	3.16	1.80	2.45	5.58	5.09	3.58	.05	6.32	21.96	2.37	1.83	1.92	56.11
1947	3.63	.19	1.74	.40	4.36	.10	.17	7.30	.06	.29	1.34	2.01	21.59
1948	.75	2.99	.56	1.44	3.22	3.84	3.64	1.24	2.79	1.89	1.09	.33	23.78
Mean	2.00	1.82	1.92	2.60	3.86	2.68	2.70	1.90	3.98	1.94	1.67	2.29	29.36

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station in San Antonio.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1871	1.38	.60	1.10	.76	3.44	.18	.00	.95	5.81	6.65	1.92	.00	22.79
1872	.40	1.56	1.14	.70	4.58	8.30	1.84	1.62	.05	2.49	2.80	3.61	29.09
1873	.50	.62	2.43	.58	4.34	9.37	2.56	1.89	5.94	3.86	1.56	.37	34.02
1874	.44	1.27	3.64	.55	1.32	2.26	2.74	1.02	11.71	.52	9.16	6.92	41.55
1875	.19	3.21	.69	3.09	.48	.30	1.54	3.11	2.19	.50	4.62	2.03	21.95
1876	1.19	1.90	2.61	.69	2.78	2.59	1.93	.15	-	-	-	.78	-
1877	.37	1.64	1.01	2.47	.56	3.59	2.87	.56	2.67	5.61	1.67	7.27	30.29
1878	1.70	2.32	.94	2.25	6.71	4.53	6.09	3.93	3.98	.56	4.68	1.91	39.60
1879	.98	1.07	.28	5.71	.61	2.32	.12	4.07	5.91	1.26	.00	.47	22.80
1880	3.48	4.01	2.42	3.94	3.09	2.26	6.30	8.67	2.93	2.35	2.06	.40	41.91
1881	.58	1.24	1.06	3.25	4.70	T	1.37	.95	5.86	4.19	2.07	1.51	26.78
1882	1.91	2.18	4.24	.92	6.79	.11	2.92	3.84	8.95	2.71	1.12	.70	36.39
1883	.37	.33	5.30	1.54	.29	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	3.00	T	3.87	5.12	7.92	.86	6.56	.95	1.51	.65	.70	1.78	32.92
1886	.75	3.15	2.39	2.23	2.61	3.52	1.41	4.79	4.12	.62	.33	.30	26.22
1887	.21	.70	.51	.60	2.61	2.21	.70	3.63	1.77	2.17	2.44	2.58	20.13
1888	1.61	2.56	2.13	7.72	4.25	4.00	.79	7.76	1.93	.82	4.58	2.40	40.55
1889	5.11	3.46	3.74	2.91	.55	4.79	4.04	3.19	5.47	.97	4.46	.27	38.96
1890	1.87	2.92	.98	5.22	2.39	4.16	.88	1.44	5.41	1.92	1.02	1.58	29.79
1891	5.63	1.38	1.18	4.57	2.36	2.16	.85	1.06	3.60	.60	.92	5.73	30.04
1892	1.51	.71	1.75	.16	.89	3.83	.05	9.09	1.09	1.48	1.09	4.16	25.81
1893	.11	1.11	2.14	2.18	3.36	1.90	.96	.92	.10	.08	4.62	.76	18.24
1894	1.42	.52	.80	2.65	1.71	3.09	.60	8.55	1.48	.89	T	.04	21.75
1895	1.24	3.97	2.24	.29	6.66	2.09	1.07	1.90	1.25	1.43	3.38	.55	26.07
1896	2.90	2.36	.66	2.73	2.74	.61	2.69	2.96	8.87	6.04	.79	.74	34.09
1897	1.55	.15	1.65	1.84	3.13	2.19	.28	.40	1.61	1.35	.43	1.34	15.92
1898	.46	1.16	1.47	1.46	1.06	7.06	2.24	3.35	1.32	.03	1.34	1.54	22.49
1899	.38	.31	T	2.60	2.22	4.32	2.85	.00	.57	1.31	1.70	3.39	19.65
1900	5.42	.34	4.35	9.11	4.47	.78	2.24	4.05	.97	2.94	1.82	.70	37.19
1901	.41	.71	.54	.59	2.47	1.86	3.79	.96	4.20	.12	.64	.15	16.44
1902	.70	.55	.12	2.31	3.14	.02	3.85	.00	5.52	3.54	3.53	2.51	24.79
1903	2.39	7.88	1.29	1.74	1.95	4.75	7.52	.20	2.96	1.61	T	.82	33.11
1904	.30	.64	.16	3.25	5.93	1.73	3.50	1.97	7.74	2.86	.24	1.06	29.38
1905	.88	1.62	2.74	6.08	4.11	6.01	2.82	.51	1.80	1.83	2.63	1.56	32.59
1906	.29	1.07	1.29	3.94	.86	.62	4.34	2.25	1.74	1.09	1.33	1.60	20.42
1907	.80	.78	1.88	3.77	4.64	.18	2.68	.80	1.11	3.54	6.79	.80	27.77
1908	1.01	2.42	1.31	2.87	6.07	.30	.66	4.27	3.92	1.47	2.61	1.61	28.52
1909	.10	.71	.88	.82	1.77	1.65	3.27	1.70	.56	1.55	.53	1.38	14.92
1910	.88	.78	.42	3.31	1.56	.55	1.37	.37	.56	3.35	1.38	1.69	16.22
1911	.02	1.66	2.72	3.41	2.01	.30	1.03	.48	.12	3.57	2.01	1.35	18.68
1912	.28	5.12	1.86	1.78	1.49	3.22	1.27	.29	1.47	2.74	1.45	2.76	23.73
1913	.90	1.91	1.36	1.32	2.88	2.90	.03	1.29	7.21	8.86	4.55	4.47	37.68
1914	.09	1.38	.83	5.26	5.59	.01	.02	7.80	2.24	5.78	3.24	1.43	33.67
1915	.53	1.81	1.20	11.64	1.89	.03	.92	3.90	2.39	1.11	.29	1.57	27.28
1916	2.25	.01	.79	1.85	3.85	.49	4.53	5.07	3.78	2.57	2.14	.33	27.66
1917	.95	.49	.16	.28	3.30	.02	2.19	.10	1.39	.48	.75	T	10.11
1918	.10	1.10	1.45	5.14	2.80	3.35	1.68	2.61	1.49	4.05	2.53	3.61	29.91
1919	3.78	1.56	1.39	3.60	3.06	7.01	7.88	2.14	7.61	8.66	1.56	2.05	50.30
1920	3.36	.37	.83	1.09	2.42	2.83	.39	2.26	.15	2.85	2.95	.16	19.56
1921	1.40	.23	5.91	2.78	2.01	4.59	.48	.45	8.27	1.02	1.16	.23	28.53
1922	1.23	1.26	3.29	5.46	3.46	3.92	.10	.27	.97	3.55	.98	.10	24.99
1923	.46	5.47	3.07	3.24	1.33	.79	2.54	2.94	2.98	1.39	4.21	4.29	32.71
1924	.97	3.02	1.29	3.36	4.71	4.66	.05	T	2.52	.52	.24	2.31	23.65
1925	.36	.09	.24	.18	2.85	.48	1.24	1.72	2.87	2.23	1.44	1.29	14.99
1926	3.42	.08	4.77	7.06	3.33	3.57	1.37	.31	.43	1.82	1.99	2.24	30.39
1927	.65	1.96	2.02	2.05	2.04	7.91	.49	.15	1.52	1.44	.03	2.49	22.75
1928	.65	2.85	2.34	1.70	3.90	3.29	1.03	1.21	6.30	1.69	2.29	2.95	30.20
1929	2.21	.16	3.12	2.37	7.73	2.19	2.58	.01	2.02	1.60	3.17	2.08	29.24
1930	1.25	.94	1.76	2.20	.89	4.03	1.99	.41	1.74	4.01	2.69	.88	22.79
1931	5.86	2.68	2.06	2.28	1.36	3.10	3.09	.30	.01	.75	.72	2.79	25.00
1932	3.30	1.86	1.05	2.61	2.10	1.94	5.52	6.71	8.77	.60	.10	1.01	35.57
1933	.66	1.92	.54	1.30	2.23	1.74	1.98	2.78	3.18	.27	.65	.39	17.64
1934	4.88	.43	2.05	4.56	1.65	.18	3.83	.88	1.95	.19	2.88	4.17	27.65
1935	.31	1.87	2.31	3.52	14.07	8.41	1.61	.98	5.61	1.94	.44	1.86	42.93
1936	.43	.40	2.66	2.77	6.13	6.43	2.68	2.73	4.07	1.89	2.17	1.75	34.11
1937	.96	.13	2.10	.84	7.68	2.19	1.82	.14	.04	3.09	.86	6.22	26.07
1938	3.35	.33	3.82	6.06	3.88	.65	.91	.44	1.82	.13	.63	1.24	23.26
1939	2.08	.95	.65	.78	3.22	.10	2.12	5.08	1.90	.07	.99	.89	18.83
1940	.64	1.86	.94	2.50	4.19	7.47	.64	1.22	1.42	4.66	2.40	2.85	30.79
1941	2.14	1.86	2.95	4.56	2.50	2.03	.62	.23	4.88	3.13	.47	.97	26.34
1942	.13	2.01	.29	3.48	2.19	1.95	8.19	1.88	7.67	9.56	.47	.64	38.46
1943	.73	.09	1.58	1.48	2.56	1.91	3.72	.78	4.34	.17	1.95	1.20	20.51

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station in San Antonio.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1944	3.49	1.68	3.72	.94	6.76	1.64	T	4.32	1.30	1.52	3.66	4.16	33.19
1945	2.97	3.90	2.73	2.91	1.24	5.31	1.19	1.19	3.00	3.49	1.35	1.18	30.46
1946	3.64	2.24	1.75	5.54	3.47	2.92	.20	4.03	15.78	1.31	1.86	2.43	45.17
1947	2.14	.29	1.46	.30	3.32	.31	1.00	5.34	.06	.19	1.01	1.90	17.32
1948	.61	1.86	.59	1.40	1.59	2.96	2.35	5.83	1.98	3.24	1.00	.23	23.64
1949	2.91	2.98	2.27	8.99	.85	8.26	2.24	1.03	.78	7.58	.13	2.79	40.81
1950	.32	1.43	.24	3.42	2.44	1.03	1.60	6.15	3.02	.08	.13	.03	19.89
1951	.25	2.43	2.76	.93	4.44	7.07	.51	.06	3.75	1.44	.67	.13	24.44
1952	.81	2.01	2.34	3.40	1.91	1.86	2.75	.00	3.02	T	4.47	3.67	26.24
1953	.41	.90	.53	2.08	1.00	2.19	.01	3.12	2.48	3.06	.34	1.44	17.56
Mean	1.49	1.60	1.82	2.91	3.21	2.82	2.13	2.30	3.32	2.29	1.87	1.82	27.58

Table 50. Monthly and Annual Rainfall in Inches at the Experiment Station near Sonora.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1918	-	-	-	-	3.24	1.21	.00	.61	1.90	5.50	1.90	1.70	-
1919	2.28	1.45	2.15	2.49	3.58	5.48	.95	1.98	9.14	2.44	1.16	.51	33.61
1920	2.33	.36	.40	.32	2.59	4.67	1.96	6.09	2.24	2.78	1.62	.15	25.51
1921	1.13	1.49	3.17	.84	4.76	2.66	.45	1.05	.64	.38	.40	.30	17.27
1922	.65	.10	2.13	5.19	1.03	4.14	1.30	3.23	2.14	3.18	1.93	.05	25.07
1923	1.55	3.98	2.59	4.09	.29	.56	3.38	.46	2.26	5.69	3.99	2.81	31.65
1924	1.02	2.68	2.51	1.37	4.91	.54	.60	1.62	3.70	.10	T	.56	19.61
1925	.08	.04	T	1.55	9.23	.82	.34	3.89	2.64	1.83	.93	.57	21.92
1926	1.97	.07	2.28	2.97	1.93	1.24	.99	1.25	.25	1.45	1.37	3.51	19.28
1927	.33	1.53	1.59	4.47	.57	3.41	1.84	.55	3.83	5.51	.12	1.11	24.86
1928	.32	.94	.85	.70	3.97	4.73	1.26	2.64	6.84	1.48	1.06	1.18	25.97
1929	.33	.46	1.90	.67	4.99	2.31	2.06	.12	1.67	3.22	.25	4.67	22.65
1930	.16	.05	.54	1.64	.95	3.86	1.44	2.05	1.11	12.80	2.63	.73	27.96
1931	2.95	1.51	2.45	3.23	3.37	1.46	3.24	2.10	.03	.52	3.54	2.23	26.63
1932	.52	1.17	.64	1.18	6.48	.42	1.51	8.92	13.83	.65	1.20	2.74	39.26
1933	1.24	.90	.11	.24	6.52	.00	.27	1.43	.12	1.17	.75	.22	12.97
1934	1.59	.22	2.23	.76	.45	2.79	.60	.18	2.25	.24	.25	.38	11.94
1935	.46	1.54	.33	1.58	5.96	9.93	4.45	.62	14.05	.90	.47	1.22	41.51
1936	.41	.08	.83	.66	5.12	1.84	3.78	1.26	10.47	2.33	.50	.70	27.98
1937	.24	.26	1.32	.31	.39	2.27	.75	1.69	2.89	2.13	.81	3.98	17.04
1938	1.75	.71	.39	.78	1.77	.67	12.87	.05	.24	.13	.06	1.04	20.46
1939	2.66	.06	.19	.68	2.04	.62	2.78	1.50	.54	1.79	2.60	1.89	17.35
1940	.41	1.15	.69	3.09	4.48	5.14	.00	2.24	.15	.52	1.95	1.21	21.03
1941	.87	1.49	2.57	2.59	1.94	3.01	6.25	1.47	2.65	4.68	.35	.50	28.37
1942	.33	.65	.22	2.84	.14	.98	1.60	4.94	2.03	3.71	.24	1.24	18.92
1943	.40	.00	1.30	.68	6.29	2.82	1.64	.24	3.35	1.23	1.26	2.66	21.87
1944	2.51	1.50	2.21	1.41	2.60	1.32	1.40	2.30	2.23	2.39	1.24	1.75	22.86
1945	1.44	1.56	2.31	1.19	.19	2.60	2.03	.55	1.84	3.34	.04	.12	17.21
1946	1.55	T	.53	2.41	2.90	3.93	1.25	.09	3.17	2.98	.10	1.12	20.03
1947	3.35	.03	1.68	.63	1.71	2.92	.64	4.42	1.06	1.05	1.07	1.08	19.64
1948	.02	.76	.66	2.42	2.62	9.08	4.87	.58	.67	.91	.61	1.29	24.49
1949	2.49	3.11	.31	4.15	5.34	5.47	1.91	4.35	3.52	3.59	.00	2.48	36.72
1950	.55	.60	.00	2.20	5.42	2.35	3.35	1.18	5.53	.03	.00	.00	21.21
1951	T	.20	1.40	.73	.46	1.73	.85	.27	.07	.20	.04	.18	6.13
1952	.46	.00	.66	1.37	2.61	.25	.30	.00	.15	.00	.86	.25	6.91
1953	.48	.00	1.35	.63	.49	.00	.75	2.78	1.76	2.93	.00	.79	11.96
Mean	1.11	.88	1.27	1.77	3.09	2.70	2.05	1.91	3.08	2.33	.98	1.30	22.47

Table 51. Monthly and Annual Rainfall in Inches at the Experiment Station near Spur

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1916	.00	.00	.43	2.35	1.31	2.36	.56	4.01	1.12	2.63	.82	.00	15.59
1917	.22	.51	.00	1.27	1.71	.14	2.17	1.58	4.12	.12	.07	.00	11.91
1918	.00	.64	.30	.62	2.44	1.97	.44	1.42	.92	2.60	.20	1.37	12.92
1919	.28	.21	3.56	3.78	4.37	2.03	2.60	2.44	4.26	7.48	.80	.00	31.81
1920	1.31	.00	.16	.99	6.91	3.36	.75	8.34	2.20	2.49	1.11	.38	28.00
1921	.30	1.08	.66	.00	.91	4.45	.00	.09	4.08	.00	.00	.05	11.62
1922	.31	.00	.76	5.57	5.18	1.77	.25	1.60	1.00	1.06	1.80	.03	19.33
1923	.05	.85	1.01	3.89	1.14	4.95	.26	1.40	1.57	6.58	2.36	.87	24.93

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Monthly and Annual Rainfall in Inches at the Experiment Station near Spur.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1924	.00	.09	1.88	.81	1.98	.65	2.01	.87	2.00	.80	.00	.00	11.09
1925	.34	.16	.19	4.77	2.75	1.74	3.43	7.37	3.66	.73	.22	.24	25.60
1926	.67	.04	1.62	4.18	3.17	2.14	7.37	7.04	3.50	5.13	.52	2.70	38.08
1927	1.10	.26	1.06	.40	.66	4.56	1.47	.78	4.22	1.19	.00	.42	16.12
1928	.24	.96	.36	.20	4.33	1.60	5.15	3.97	.05	1.37	1.43	.33	19.99
1929	.27	.21	1.49	.02	2.80	1.23	1.17	.33	3.74	3.07	.40	.03	14.76
1930	.86	T	.43	1.66	1.54	1.28	.05	2.05	.89	6.53	.75	2.56	18.60
1931	.79	1.62	.33	2.18	1.22	1.29	1.80	1.14	T	2.53	2.42	1.14	16.46
1932	1.71	2.39	.00	1.91	1.43	3.38	2.67	5.55	4.24	.58	.09	3.75	27.70
1933	.19	1.47	T	.15	2.86	T	2.51	3.32	3.17	.35	1.12	.45	15.59
1934	.12	.21	2.20	1.16	2.50	.07	.11	1.18	2.52	.87	1.93	.01	12.88
1935	.01	.61	.98	.71	4.54	6.93	.99	1.05	3.62	2.22	1.50	.62	23.78
1936	1.11	T	.22	2.49	2.79	1.43	2.85	.11	11.13	1.41	.48	.45	24.47
1937	.38	T	2.05	.86	2.92	1.31	.68	6.93	2.18	2.47	.09	.41	20.28
1938	1.14	3.31	.82	.89	2.89	5.16	3.30	.21	.09	1.33	.78	.04	19.96
1939	1.98	.25	.52	.29	2.07	1.80	.44	1.85	.00	2.62	.60	.64	13.06
1940	.16	1.14	.00	1.79	1.17	1.06	.07	3.24	.41	1.34	3.16	.04	13.58
1941	.88	1.64	2.04	4.17	6.94	4.12	2.94	1.46	9.90	7.90	.21	.67	42.87
1942	.06	.33	.31	3.67	1.63	3.44	1.60	3.40	3.88	2.82	.17	1.79	23.10
1943	.10	T	.32	1.14	2.81	2.95	5.36	.00	2.37	.31	.80	1.64	17.80
1944	1.77	1.78	.12	.89	2.49	2.50	2.51	2.34	1.18	1.07	1.95	2.72	21.32
1945	.89	1.04	.34	.58	.08	3.30	4.29	1.78	4.27	2.12	.69	.21	19.59
1946	1.05	.19	.36	1.40	1.66	3.33	.05	3.71	2.48	2.78	.32	1.68	19.01
1947	.60	.00	1.51	1.27	6.43	2.01	.00	.28	.15	.65	2.14	2.03	17.07
1948	.18	2.28	.15	.57	2.00	4.78	1.30	.89	.07	1.58	.45	.08	14.53
1949	2.50	.43	1.78	1.62	5.28	4.63	2.45	4.06	2.71	2.64	.00	1.08	29.18
1950	.35	.38	.01	7.94	4.92	3.16	3.91	.90	6.23	T	.04	.02	21.86
1951	.27	.35	2.19	.81	3.01	2.88	2.30	5.82	1.29	2.29	.03	T	21.24
1952	.70	.21	.23	3.33	1.36	.06	2.81	.46	1.22	.00	1.25	.86	12.49
1953	T	.76	.66	.94	.35	.31	2.96	3.82	.53	5.00	.06	.09	15.48
Mean	.60	.67	.82	1.88	2.75	2.48	1.99	2.55	2.66	2.28	.81	.77	20.26

Table 52 . Monthly and Annual Rainfall in Inches at the Experiment Station near Temple.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1915	2.13	1.47	1.57	8.48	1.55	1.52	.57	6.92	3.40	1.09	3.03	2.50	34.23
1916	6.09	.04	.16	3.19	6.92	1.85	1.31	.81	1.28	1.08	2.43	.20	25.36
1917	1.29	.93	.57	3.03	3.19	1.18	2.67	1.19	4.12	.00	2.37	.21	20.75
1918	1.03	1.35	.81	7.72	1.19	1.57	.00	.07	1.42	2.89	6.24	5.07	29.36
1919	3.51	3.36	4.95	1.77	3.20	7.87	.92	5.10	4.09	7.08	3.44	2.16	47.45
1920	4.81	.79	1.98	.52	4.80	3.06	3.66	10.41	5.76	2.37	5.40	1.17	44.73
1921	1.44	.78	2.62	7.92	1.42	5.42	2.14	.87	13.60	.28	.76	3.50	40.75
1922	2.71	2.28	4.43	10.36	6.70	.43	.79	1.55	.90	1.72	2.91	.12	34.90
1923	.80	5.29	2.34	7.06	1.23	2.97	1.80	.75	5.15	5.46	2.38	8.30	43.53
1924	1.99	4.39	2.78	2.90	5.38	1.32	.28	.61	5.37	.14	1.21	1.22	27.59
1925	1.38	.17	T	1.99	2.60	.31	.51	1.89	3.77	5.88	3.67	.50	22.67
1926	6.23	.18	6.48	5.92	2.14	2.65	1.40	1.31	2.05	7.26	1.78	3.71	41.11
1927	1.97	4.51	2.70	4.19	3.77	7.02	1.27	.08	3.00	9.15	.19	1.71	39.56
1928	1.20	4.36	.64	2.39	.67	3.62	5.44	1.46	3.58	.87	1.23	4.28	29.74
1929	2.44	2.07	2.93	6.13	16.01	.37	1.75	.31	1.57	2.48	4.36	1.44	41.86
1930	.89	1.73	1.91	1.24	11.23	.35	.21	2.55	2.79	7.18	2.83	1.84	34.75
1931	2.70	3.73	3.57	2.99	1.54	1.62	1.84	.29	.38	.78	1.19	3.30	23.93
1932	5.15	3.06	1.62	2.61	5.06	3.08	.99	1.24	3.96	.14	.49	3.88	31.28
1933	2.28	1.33	1.31	.79	3.80	.08	5.52	1.86	4.87	.96	.72	2.07	25.59
1934	4.46	2.00	4.11	4.73	1.34	.10	1.31	.95	.69	.19	8.22	1.81	29.91
1935	1.17	3.05	1.19	2.94	10.15	8.72	2.55	1.33	6.95	2.20	.55	5.78	46.58
1936	.31	.87	.19	2.94	8.01	.62	7.35	.81	8.21	4.79	1.98	4.00	40.08
1937	2.22	.36	2.99	.68	1.31	1.93	3.75	.64	1.63	2.62	5.36	5.17	28.66
1938	4.08	1.65	1.55	6.22	4.37	3.28	1.96	.37	1.28	.21	1.34	1.55	27.86
1939	4.14	2.49	1.83	1.54	3.30	3.87	.96	1.52	.12	1.38	2.40	.91	24.46
1940	1.08	2.73	.92	2.50	2.44	8.51	3.09	.28	1.29	4.09	8.42	5.67	41.02
1941	4.69	3.69	3.69	6.21	4.15	6.25	3.80	2.70	.44	4.64	1.54	2.49	44.29
1942	.37	1.48	.87	6.38	6.63	3.14	.16	3.46	6.85	3.33	1.97	2.00	36.64
1943	.92	.02	3.26	1.53	3.52	1.08	5.36	.36	3.53	1.19	1.75	1.97	24.49
1944	5.80	4.74	4.11	1.90	12.91	3.84	.35	2.17	3.22	.26	6.80	4.71	50.81
1945	2.98	5.26	2.85	7.74	2.42	4.39	.23	4.18	1.74	3.33	.61	2.93	38.66
1946	4.06	3.43	3.17	4.77	7.85	3.00	.98	2.74	6.64	1.16	6.26	2.93	46.99
1947	4.52	.62	3.48	4.43	5.25	.50	.95	3.94	.45	.23	2.01	2.62	29.00

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Monthly and Annual Rainfall in Inches at the Experiment Station near Temple.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	1.84	1.99	1.35	2.91	3.06	3.51	1.44	.59	.67	.93	.68	1.44	20.41
1949	3.29	2.11	3.01	6.53	.50	5.30	2.37	.59	1.36	4.92	.10	3.48	33.56
1950	1.04	4.37	.27	5.05	3.24	2.77	.95	.31	2.99	1.32	.38	.05	22.74
1951	1.59	2.64	1.69	2.72	7.39	2.54	.10	.04	6.27	1.66	1.09	.41	28.14
1952	.46	3.51	2.75	5.64	5.39	1.49	.76	.00	.55	.00	5.18	5.38	31.11
1953	.97	1.23	1.66	2.61	7.72	1.03	2.48	2.57	2.18	8.44	1.40	2.62	34.91
Mean	2.56	2.31	2.26	4.13	4.70	2.88	1.90	1.76	3.28	2.66	2.68	2.69	33.81

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Temple.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1882	-	-	-	.83	6.85	.16	2.95	3.77	2.11	1.35	-	-	-
1883	-	-	-	1.76	2.31	3.55	2.63	.05	.24	-	-	-	-
1884	-	-	-	5.39	7.11	2.07	.42	.00	3.77	-	-	-	-
1885	-	-	-	-	2.97	.06	.11	.41	2.59	.12	-	-	-
1886	-	-	-	4.06	.00	1.60	2.00	3.26	4.89	.94	-	-	-
1887	-	-	-	-	6.47	2.32	.89	2.14	2.84	1.56	-	-	-
1888	-	-	-	4.59	5.36	3.86	.84	3.78	.98	2.49	-	-	-
1889	5.53	2.89	-	1.55	1.22	10.98	1.52	.92	5.40	.07	4.73	-	-
1890	-	-	-	-	2.16	2.11	.16	.42	.14	2.10	.07	-	-
1891	5.28	.30	1.77	5.90	1.71	2.50	2.70	1.60	1.81	.15	2.00	6.75	32.39
1892	2.20	1.45	2.14	2.60	4.50	4.30	.80	3.20	.60	5.11	.85	5.35	33.10
1893	.90	.58	2.53	2.45	2.54	1.79	2.85	3.07	1.00	.00	4.00	.37	22.08
1894	1.71	2.37	4.63	9.05	5.00	.70	1.25	2.44	.82	2.20	1.00	1.22	32.39
1895	2.70	1.45	1.05	2.90	4.94	4.07	1.37	3.10	3.15	5.36	4.48	2.41	36.98
1896	6.13	5.80	1.32	2.81	1.31	.47	1.59	.32	4.72	3.83	.68	2.33	31.31
1897	3.35	.88	5.41	2.27	3.07	9.20	.30	2.70	3.43	2.84	.93	2.67	37.05
1898	2.36	2.58	1.75	3.93	1.05	5.92	.73	2.50	1.81	1.30	2.62	2.20	28.75
1899	.82	.97	.15	2.17	4.19	10.97	.70	.15	.70	4.90	2.40	5.34	33.46
1900	3.37	.38	6.76	11.46	10.02	.00	2.36	4.60	5.60	1.42	1.29	1.72	48.98
1901	.75	2.49	2.48	1.52	2.66	1.37	.97	.25	2.27	2.27	1.81	2.08	20.92
1902	.30	.99	2.37	2.89	5.67	1.91	20.42	.00	5.03	2.48	13.90	3.22	59.18
1903	2.02	8.07	3.21	.96	2.02	4.12	6.48	.90	.45	2.23	.00	1.53	31.99
1904	.20	1.77	.36	4.21	6.20	3.30	1.80	4.26	3.11	3.60	.35	.91	30.07
1905	.94	1.66	4.28	7.32	5.78	9.32	2.36	.61	7.62	2.86	2.30	4.91	49.96
1906	1.12	2.36	1.41	4.09	1.85	3.79	4.08	2.73	3.92	1.14	1.08	4.25	31.82
1907	1.21	1.47	.98	2.62	9.36	1.19	3.73	.17	.80	5.91	7.25	2.84	37.53
1908	1.02	3.11	2.78	7.49	11.70	.80	1.61	1.38	3.54	1.17	2.71	2.84	40.15
1909	.12	1.78	1.29	2.14	3.12	2.60	.77	4.94	.00	3.44	4.01	2.74	26.95
1910	.62	1.94	2.64	3.67	8.17	1.39	.44	.62	1.60	1.59	1.19	2.79	26.66
1911	.39	1.83	2.28	5.32	2.09	1.23	3.02	.64	.46	4.32	1.27	4.37	27.22
1912	.00	3.23	5.93	3.79	1.27	1.96	.38	1.58	.55	4.14	3.22	3.36	29.41
1913	2.09	2.58	1.02	1.80	1.95	1.78	.50	.81	6.55	6.72	6.33	11.16	43.29
1914	.21	1.92	2.90	7.36	9.43	1.76	2.13	7.76	.70	4.73	5.37	3.96	48.23
1915	1.36	1.78	2.18	8.97	2.01	1.32	.89	5.49	2.04	3.01	3.15	3.15	33.44
1916	5.01	.00	.21	2.67	8.05	1.47	.89	.90	1.48	.97	2.46	.70	24.81
1917	1.16	.77	.37	2.74	2.89	2.35	2.06	.85	1.86	T	1.94	.05	17.04
1918	.62	.86	1.04	7.19	1.03	2.17	.80	.15	.60	2.50	6.44	5.36	28.76
1919	2.92	2.98	4.40	1.61	3.57	6.79	2.06	4.97	4.04	5.94	3.40	1.76	44.44
1920	4.70	.56	1.82	.61	3.99	1.88	1.80	7.86	4.56	3.99	4.95	.86	37.58
1921	.90	.96	4.59	8.56	2.74	6.62	3.84	.95	11.94	.42	.73	3.15	45.40
1922	2.68	2.57	3.91	11.63	6.05	2.15	.70	1.42	1.00	1.53	3.32	.33	37.29
1923	.62	4.59	2.37	7.31	1.57	3.36	1.76	.50	4.13	5.29	2.22	8.63	42.35
1924	1.75	4.30	2.93	3.29	4.90	1.42	.27	1.45	4.81	.63	1.40	1.17	28.32
1925	1.28	.13	T	1.55	1.98	.35	.24	1.67	4.12	5.91	3.23	.40	20.86
1926	6.28	.15	6.74	5.34	2.63	1.28	2.18	3.02	1.24	9.62	1.86	3.74	44.08
1927	1.22	3.77	3.77	5.42	3.51	7.37	.92	.09	3.94	8.47	.40	1.83	40.71
1928	1.00	4.75	.72	2.48	1.26	3.44	4.30	1.16	4.35	1.00	1.33	4.13	29.92
1929	2.74	2.12	2.47	5.84	14.51	.71	1.14	.60	1.78	1.93	4.50	1.58	39.92
1930	.55	1.47	2.00	1.34	11.73	.99	.18	3.68	2.41	8.04	3.46	1.81	37.66
1931	1.95	3.61	3.52	3.05	1.76	1.58	2.26	.25	.43	.82	1.97	2.99	24.19
1932	5.25	3.33	1.61	2.70	6.19	3.40	.85	3.60	4.47	.29	.63	4.15	36.47
1933	1.74	1.93	2.18	1.20	3.32	.00	4.93	1.68	2.30	1.23	.98	2.19	23.68
1934	4.61	2.48	4.58	3.68	1.05	.15	1.58	.54	.39	.00	11.65	1.30	32.01
1935	1.65	3.35	1.48	2.91	9.68	8.55	2.77	1.35	7.32	2.57	.78	4.50	46.91
1936	.48	1.00	.28	2.91	7.87	.11	6.52	.44	7.94	4.70	2.13	4.51	38.89
1937	2.39	.32	4.06	.68	1.26	3.04	3.68	.58	1.27	3.05	5.93	5.14	31.40
1938	4.23	1.96	1.72	6.58	4.61	3.95	1.58	.21	1.58	.34	1.64	1.72	30.12
1939	4.47	2.89	1.99	1.57	3.47	3.53	1.15	1.37	.14	2.10	2.72	.99	26.39
1940	1.04	2.68	.85	2.54	2.19	9.49	2.70	.17	1.32	2.21	9.70	6.37	41.26
1941	4.12	3.66	3.96	5.75	4.97	7.28	4.70	2.23	.25	4.83	1.76	2.71	46.22

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Temple.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1942	.44	1.82	1.31	6.54	8.53	2.21	.93	3.49	7.54	3.72	2.19	1.90	40.62
1943	1.00	.04	3.06	2.33	4.02	.45	4.92	.33	3.53	1.57	1.89	2.09	25.23
1944	5.44	5.12	5.78	1.81	12.34	3.15	.89	2.48	3.85	.38	6.74	5.15	53.13
1945	3.20	4.74	3.00	8.26	2.78	5.49	.20	4.89	1.59	3.30	.59	3.33	41.37
1946	4.34	3.50	3.48	4.09	7.47	2.93	.68	2.58	7.83	1.36	4.60	2.73	45.59
1947	4.30	.60	3.77	3.15	5.41	.86	.84	4.15	.61	.64	2.50	2.17	29.00
1948	2.06	2.04	1.24	4.77	1.98	3.21	1.78	.49	3.02	1.09	.77	.99	23.44
1949	3.75	2.32	-	6.44	.50	4.93	1.47	2.05	.85	3.20	.03	2.96	-
1950	1.37	4.59	.38	4.47	4.40	-	1.48	.36	2.17	1.36	.77	.04	-
1951	1.00	-	-	-	7.93	2.85	.04	.01	5.22	.82	1.37	.46	-
1952	.56	2.93	2.51	5.76	5.55	1.82	.43	.02	.51	.00	5.22	5.36	30.67
1953	.49	1.63	2.02	3.20	7.46	.40	1.48	3.49	2.70	8.23	1.78	2.58	35.46
Mean	2.19	2.27	2.52	4.12	4.60	3.05	2.04	1.90	2.84	2.68	2.91	2.96	34.08

Table 53. Monthly and Annual Rainfall in Inches at the Experiment Station near Troup.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1913	--	-	-	-	-	-	2.13	.69	10.19	4.11	1.19	7.86	-
1914	1.14	2.44	7.08	3.27	13.42	2.15	.33	3.63	1.96	.99	4.36	7.12	47.89
1915	4.45	3.08	2.53	5.65	1.63	1.16	3.16	8.64	.21	2.18	3.51	2.80	39.00
1916	4.64	.05	.42	4.30	7.13	2.06	2.56	1.26	1.02	1.09	3.80	2.24	30.57
1917	2.93	2.51	2.15	4.58	3.04	.95	6.11	.72	3.59	.73	1.80	.71	29.82
1918	2.21	.38	2.67	9.15	.71	3.77	1.67	3.78	1.96	2.51	7.28	3.57	39.66
1919	3.28	3.37	3.95	2.77	5.37	5.60	5.90	4.28	2.96	9.08	7.62	2.19	56.37
1920	6.32	1.22	3.35	3.40	3.41	1.81	8.92	5.24	1.36	4.74	4.42	4.39	48.58
1921	2.86	2.55	3.73	8.07	3.30	10.14	2.54	1.60	3.13	T	.72	2.61	41.25
1922	4.91	5.91	9.82	8.81	3.68	1.20	6.15	1.74	.62	1.79	5.46	1.65	50.74
1923	4.25	6.10	3.59	7.28	1.50	3.78	1.63	2.46	4.52	4.29	2.26	7.52	49.18
1924	3.69	4.32	5.08	2.96	9.06	1.04	.05	.52	1.92	.18	1.34	1.57	31.73
1925	3.93	2.16	1.04	1.33	3.21	.82	3.31	.66	1.86	5.64	7.93	1.21	33.10
1926	5.28	.49	9.68	2.82	4.78	2.97	5.44	.32	1.28	2.42	1.86	8.26	45.60
1927	1.55	3.29	4.63	8.82	2.35	3.71	3.62	T	3.08	5.25	2.31	4.13	42.74
1928	1.06	4.22	3.11	5.42	5.03	6.07	2.10	.28	1.17	5.59	5.54	5.39	44.98
1929	5.19	2.77	2.46	4.34	6.14	1.56	3.72	.49	3.88	2.32	5.79	3.09	41.75
1930	3.78	4.91	1.78	1.22	11.48	T	1.41	3.47	2.68	7.39	4.48	3.30	45.90
1931	3.44	-	-	-	-	-	-	-	-	-	-	-	-
Mean	3.61	2.93	3.95	4.95	5.01	2.87	3.38	2.21	2.63	3.35	3.98	3.87	42.74

Table 54. Monthly and Annual Rainfall in Inches at the Experiment Station near Tyler (Lindale).

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1933	5.15	2.00	4.95	4.32	4.30	T	4.83	4.13	4.37	2.01	.91	8.01	44.98
1934	2.90	3.17	6.88	7.20	1.17	1.48	.58	.91	2.45	.38	6.27	3.21	36.60
1935	3.49	3.55	2.86	5.38	8.30	3.10	2.31	1.09	3.75	6.30	4.00	4.89	48.72
1936	1.01	2.37	1.28	3.81	8.42	T	4.96	.81	3.14	5.72	2.42	5.84	39.78
1937	7.55	2.11	4.52	2.78	.94	3.55	2.81	3.30	1.72	2.21	5.25	6.79	43.53
1938	5.78	2.28	4.80	4.36	2.10	3.89	1.40	2.54	.74	.55	4.57	3.52	36.53
1939	5.50	8.33	1.74	2.38	3.62	5.46	3.45	1.33	.04	2.73	5.88	2.98	43.44
1940	1.24	3.89	2.50	4.54	5.17	6.18	4.27	6.03	3.49	5.43	9.56	6.14	58.44
1941	1.89	3.61	4.34	4.70	2.20	12.85	5.01	3.13	5.20	2.50	4.01	5.51	54.95
1942	2.03	1.78	2.53	11.05	4.31	4.80	1.59	12.50	2.72	1.92	1.17	6.85	53.25
1943	1.64	.14	2.90	4.68	9.30	2.51	2.08	.73	3.48	5.80	1.72	4.05	39.03
1944	5.67	9.18	4.05	4.19	7.52	1.09	.94	4.44	1.42	.02	7.57	8.76	54.85
1945	3.26	5.79	16.54	5.09	3.46	6.51	3.85	.97	4.47	5.40	2.21	3.70	61.25
1946	9.25	4.35	7.63	5.10	12.17	3.44	.72	3.83	2.36	3.07	15.15	1.96	69.03
1947	2.95	2.28	5.93	5.37	5.52	3.62	.35	3.83	2.13	3.49	4.81	7.06	47.34
1948	3.66	3.24	3.29	3.09	8.08	.90	.25	.41	1.23	1.28	3.62	2.32	31.37
1949	9.25	2.10	3.54	5.37	4.21	2.95	10.11	2.43	.81	10.63	.38	3.31	55.09
1950	5.93	6.85	1.67	6.07	9.59	1.13	4.80	1.30	3.51	1.07	2.69	T	44.61
1951	2.51	4.35	2.66	2.22	2.25	4.76	2.11	.20	5.46	2.26	2.89	2.64	34.81
1952	1.77	4.92	3.74	6.22	5.24	.97	2.53	T	.62	.16	7.93	5.97	40.07
1953	1.77	1.77	4.97	3.87	7.60	1.70	9.22	2.21	1.89	2.31	2.94	5.92	46.17
Mean	4.01	3.72	4.43	4.85	5.50	3.38	3.25	2.67	2.62	3.11	4.57	4.73	46.84

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station in Tyler.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1882	-	-	-	2.12	5.43	.09	6.61	5.76	2.93	7.16	-	-	-
1883	-	-	-	4.70	.93	6.78	.17	.26	1.75	2.11	-	-	-
1884	-	-	-	5.79	17.47	3.75	.00	2.01	3.25	.00	-	-	-
1885	-	-	-	-	2.08	1.24	1.80	.00	2.25	.50	-	-	-
1886	-	-	-	.90	.60	.76	2.45	.50	4.75	.10	-	-	-
1887	-	-	-	-	.29	5.27	3.75	9.36	3.70	1.01	-	-	-
1888	-	-	-	6.72	11.84	11.17	7.83	17.85	.00	.75	-	-	-
1889	13.85	3.95	2.65	6.70	4.25	10.27	3.64	.10	4.85	1.50	10.49	.00	62.25
1890	.00	1.30	.00	4.20	.03	2.19	2.25	1.60	4.28	5.90	2.32	.77	24.84
1891	9.74	2.52	3.56	5.14	.85	2.40	2.01	1.77	3.10	.15	1.66	4.60	37.50
1892	-	-	-	4.86	2.94	3.38	1.82	5.65	5.99	4.02	2.59	-	-
1893	-	-	-	-	4.07	4.58	2.76	.48	2.00	1.03	4.75	2.62	-
1894	-	-	-	-	1.27	.87	2.32	2.69	3.72	.75	1.96	1.64	-
1895	.44	.23	2.37	1.63	5.80	5.70	5.84	.71	.39	3.86	2.27	3.23	32.47
1896	6.20	5.55	2.32	1.20	2.62	.20	1.71	.56	2.88	4.85	.65	2.20	30.94
1897	5.19	1.50	6.86	3.57	6.27	3.46	1.16	1.40	2.68	1.50	.91	3.73	38.23
1898	4.82	3.08	3.50	.87	1.65	2.69	4.01	1.19	1.76	1.90	3.13	3.30	31.90
1899	5.29	.90	1.45	3.75	4.73	3.88	1.79	.86	.00	2.75	.28	3.22	28.90
1900	3.49	1.34	7.37	4.50	4.73	5.32	3.75	3.74	3.05	2.64	1.48	2.01	43.42
1901	3.30	4.01	4.00	3.70	4.12	.43	.48	2.45	5.60	.56	3.32	1.82	33.79
1902	1.10	1.98	2.66	3.22	.61	4.50	6.95	.10	4.38	2.87	9.30	2.99	40.66
1903	2.39	6.78	4.18	1.03	3.21	4.70	6.93	2.35	1.33	2.19	.47	1.34	36.90
1904	1.00	4.77	2.38	3.17	4.16	5.67	3.54	.40	3.62	1.08	.93	2.31	33.03
1905	3.35	4.22	5.47	8.72	8.88	7.48	9.58	.36	3.14	2.00	3.89	8.12	65.21
1906	1.31	2.30	4.50	2.70	5.85	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	1.19	.09	.37	.21	1.43	2.38	2.30	-
1949	8.91	2.79	3.39	4.20	3.28	1.17	4.40	3.91	2.56	10.19	.36	3.20	48.86
1950	5.38	5.75	1.75	6.39	8.79	1.58	3.35	1.81	3.18	.85	1.95	T	40.78
1951	2.96	4.23	2.84	2.32	2.69	4.01	2.86	.92	5.05	2.82	3.10	2.57	36.37
1952	1.90	4.93	3.74	5.85	4.63	1.30	1.88	T	1.61	.17	7.00	7.49	40.50
1953	.98	1.74	5.15	4.42	6.97	1.78	5.69	1.81	3.19	2.43	2.74	5.84	42.72
Mean	4.08	3.19	3.51	3.94	4.37	3.59	3.38	2.36	2.91	2.30	2.95	2.97	39.55

Table 55. Monthly and Annual Rainfall in Inches at the Experiment Station near Weslaco.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1932	1.47	1.21	1.60	2.37	1.33	1.52	1.39	2.66	8.24	2.08	.13	1.10	25.10
1933	.32	1.00	.65	.83	6.04	.27	8.58	5.89	12.20	2.40	1.68	.17	40.03
1934	5.77	.53	1.09	.56	.65	.18	3.44	.39	4.63	1.01	.61	1.49	20.35
1935	.73	.83	.24	1.92	4.71	9.12	1.22	1.42	4.22	2.17	.58	3.82	30.98
1936	.38	.97	.79	.90	2.81	.15	4.90	3.39	4.77	1.00	.31	2.22	22.59
1937	1.90	1.03	.99	.46	3.58	2.64	4.71	.49	.84	2.04	.84	5.32	24.84
1938	1.57	.88	1.68	1.14	1.43	2.32	.07	5.08	1.73	.42	.93	1.05	18.30
1939	1.60	.27	1.53	4.42	2.49	2.65	1.36	1.87	2.54	.25	.17	.25	19.40
1940	.36	.25	4.24	.04	.90	2.05	2.48	.69	1.38	.85	1.92	7.05	21.81
1941	6.96	1.73	3.81	3.67	6.69	7.90	.13	2.36	3.24	1.78	.39	1.75	40.41
1942	1.09	1.09	.37	.04	1.40	5.14	1.77	2.67	2.92	.87	.19	.28	17.83
1943	2.71	.09	.75	.28	3.89	.22	.59	T	6.08	1.42	2.51	1.28	19.82
1944	.36	.17	2.27	.03	3.73	2.23	1.94	6.30	1.97	2.10	2.39	1.17	24.66
1945	1.84	1.63	.01	3.21	.67	2.50	.74	5.15	1.62	4.13	.03	.46	21.99
1946	3.79	.84	.25	1.93	2.02	5.12	.38	1.88	4.56	1.60	.56	.49	23.42
1947	1.26	.93	.08	2.80	6.64	.50	1.07	8.74	.05	.28	3.70	1.35	27.40
1948	.83	2.70	.75	.19	3.01	.85	2.61	2.40	4.83	3.58	.12	.00	21.87
1949	.93	2.93	.51	1.92	.52	1.18	.96	.71	4.73	.87	T	2.26	17.52
1950	1.06	.07	1.43	.90	8.43	1.54	.03	1.30	4.27	1.54	.00	.00	20.57
1951	.40	.08	.87	.80	2.43	3.80	.09	1.74	7.82	1.48	1.11	.03	20.65
1952	.14	.29	.20	.51	4.80	2.27	3.13	.07	2.89	.00	2.95	.67	17.92
1953	.68	.92	.52	T	.41	.33	.95	6.91	.98	2.92	.25	.67	15.54
Mean	1.64	.93	1.12	1.31	3.12	2.48	1.93	2.82	3.93	1.58	.95	1.49	23.30

Table 56. Monthly and Annual Rainfall in Inches at the Experiment Station near William Harris Reservoir.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	-	-	-	-	-	-	-	-	-	-	3.07	.50	-
1949	3.40	6.40	3.86	7.69	.72	2.95	4.93	4.58	2.06	23.17	.35	7.38	67.49
1950	1.92	3.47	.76	4.39	1.85	5.25	3.42	.89	1.80	.11	.49	2.59	26.94
1951	8.78	1.34	4.86	1.56	2.60	8.29	3.38	3.23	9.40	1.70	1.69	1.93	48.76
1952	.75	5.91	2.77	9.59	6.45	.62	5.73	.66	3.45	.03	8.24	3.09	48.29
1953	1.09	4.07	.20	.72	10.32	5.86	3.43	4.84	.42	3.01	9.64	4.74	48.34
Mean	3.19	4.24	2.49	4.79	4.39	4.59	4.18	2.84	3.43	5.60	3.91	3.37	47.02

Table 57. Monthly and Annual Rainfall in Inches at the Experiment Station near Winter Haven.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1931	5.34	.79	1.52	4.47	6.09	2.82	3.13	3.57	T	T	.27	3.32	31.32
1932	.46	1.95	.68	.51	2.67	.34	4.46	6.96	3.79	.74	.63	.76	23.95
1933	1.62	3.05	.30	.16	1.94	.11	1.89	1.12	.52	1.13	.56	.30	12.70
1934	3.05	.28	.73	1.60	2.36	.10	2.78	.63	1.15	.72	1.55	1.67	16.62
1935	.19	.85	.91	3.32	1.88	5.07	6.28	.13	3.20	.69	.59	2.06	25.17
1936	.12	.07	.25	1.51	3.69	3.11	1.28	2.28	8.65	1.62	1.19	.67	24.44
1937	.60	.13	1.33	.05	3.41	.40	1.37	T	1.61	1.37	.86	4.69	15.82
1938	1.38	.51	.38	2.77	1.68	.66	2.55	.63	.11	.06	.02	1.00	11.75
1939	.90	.33	.18	.01	7.31	.77	1.86	4.44	1.41	3.21	1.64	1.21	23.27
1940	.44	1.37	1.19	1.81	5.58	4.90	.49	1.66	.31	1.01	1.16	2.02	21.94
1941	3.48	3.48	1.92	5.36	3.34	1.30	1.20	1.15	3.53	1.55	.62	.63	27.56
1942	.69	1.71	.97	2.58	3.29	.46	2.05	3.26	5.91	1.49	.12	.66	23.19
1943	.96	.12	.02	.36	3.50	3.62	1.29	T	6.85	.98	1.66	1.11	20.47
1944	1.28	.61	1.73	.04	7.84	2.32	.00	10.91	1.59	.31	2.07	1.94	30.64
1945	.86	1.09	5.58	3.72	1.26	1.00	.05	1.27	7.66	3.46	.64	.26	26.85
1946	1.66	.19	.28	4.90	1.99	2.18	.00	2.97	5.57	3.56	.43	.77	24.50
1947	1.81	.10	.35	.94	3.99	2.60	1.06	3.17	1.20	1.57	.67	.57	18.03
1948	.13	1.63	.15	.85	2.67	2.41	.71	.04	4.10	2.53	1.11	.21	16.54
1949	1.78	2.76	.71	4.76	.58	6.73	1.21	3.52	.79	6.73	.00	2.35	31.92
1950	.27	.79	.08	1.70	4.00	4.57	3.68	2.41	4.33	.18	.04	.00	22.05
1951	.15	.85	4.46	.27	4.23	.48	.09	.18	1.83	.56	.14	.17	13.41
1952	.07	1.28	1.35	.11	7.21	1.01	.31	.00	.23	.00	1.33	1.04	13.94
1953	.00	.71	1.85	.60	.42	.14	.00	3.28	2.61	3.47	.00	.46	13.54
Mean	1.18	1.07	1.17	1.84	3.52	2.05	1.64	2.33	2.91	1.61	.75	1.21	21.28

Table 58. Monthly and Annual Rainfall in Inches at the Experiment Station near Ysleta.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	.20	.62	.00	.00	.03	.72	1.16	.70	.00	.49	.00	.62	4.54
1949	2.17	.15	.00	.12	.84	.50	1.05	.36	1.10	1.36	.00	.66	8.31
1950	.91	.31	.00	.00	.00	.00	2.68	.00	1.93	.42	.00	.00	6.25
1951	.28	.81	.42	.00	.00	.06	.96	1.80	.00	.50	.00	.75	5.58
1952	.00	.32	.49	1.14	.51	.84	1.65	1.32	.00	.00	T	.40	6.67
1953	.00	.10	.42	.71	.28	.33	1.36	.21	.00	.52	.00	.10	4.03
Mean	.59	.38	.22	.35	.28	.41	1.48	.73	.50	.55	T	.42	5.91

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in El Paso near Ysleta.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1850	-	-	-	-	-	-	-	.70	.05	.60	4.60	1.10	-
1851	.00	.90	.00	.70	.02	1.05	2.49	-	-	-	-	-	-
1852	-	-	-	-	-	-	-	-	-	-	-	-	-
1853	-	-	-	-	-	-	-	-	-	-	-	-	-
1854	-	-	-	-	-	-	.10	5.71	3.70	1.54	.00	.50	-
1855	.00	.00	-	.00	-	.05	.16	1.12	7.22	1.05	1.25	.00	-
1856	.33	5.55	2.02	.00	.00	.58	2.20	3.38	7.00	.00	.75	.00	21.81
1857	.00	.50	.00	-	.00	.63	1.52	3.73	4.15	2.87	.07	-	-
1858	.25	.15	.06	.00	.00	.19	1.52	2.42	.40	.00	.01	.00	5.00
1859	.10	.10	.00	.01	.01	.03	1.60	.22	1.11	.70	.95	.00	4.83
1860	T	.24	.00	.01	.00	.30	.53	.08	.18	-	.20	.45	-
1861	.40	.00	-	-	-	-	-	-	-	-	-	-	-
1862	-	-	-	-	-	-	-	-	-	-	-	-	-
1863	-	-	-	-	-	-	-	-	-	-	-	-	-
1864	-	-	-	-	-	-	-	-	-	-	-	-	-

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station in El Paso near Ysleta.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1865	-	-	-	-	-	-	-	-	-	-	-	.40	-
1866	.00	.00	-	T	-	-	-	-	1.45	.00	.15	.11	-
1867	.04	.19	.24	.00	.05	.00	.47	.17	1.29	.30	.02	.07	2.84
1868	.47	.17	.05	-	-	-	-	-	-	-	-	-	-
1869	-	-	-	.00	.40	1.30	.26	5.14	T	.58	.24	.00	-
1870	.10	-	.00	-	.00	.04	1.43	4.01	.00	.05	T	.60	-
1871	.59	.00	.20	T	.33	1.54	1.20	.82	2.64	.01	.00	.28	7.61
1872	1.00	.00	T	.00	.05	1.83	2.72	.04	.58	.32	.06	1.08	7.68
1873	.64	.00	.30	.36	.07	1.34	.56	.98	.50	.00	1.02	.00	5.77
1874	.37	.34	.06	.52	.00	.26	.50	.96	1.08	1.38	.54	1.23	7.24
1875	.00	.88	.10	.08	T	.80	1.80	.92	1.87	.00	.00	.03	6.48
1876	.21	.00	.00	T	T	.50	T	4.74	3.76	.00	.25	.00	9.46
1877	-	-	-	-	-	-	-	-	-	-	-	-	--
1878	-	-	-	-	-	-	1.25	2.55	.66	1.02	.66	.11	-
1879	1.57	.83	.18	.07	.00	.08	2.47	.35	.04	.95	.01	.26	6.81
1880	1.01	T	.30	.10	.00	.00	6.54	3.60	.80	.47	.02	1.53	14.37
1881	.35	.24	.01	.22	1.83	.02	8.18	3.15	1.44	1.45	.50	.78	18.17
1882	.64	.78	.38	.00	.10	.43	1.26	2.82	.40	.00	1.46	.00	8.27
1883	.10	.40	2.09	.10	.02	.04	2.84	1.34	2.51	2.03	.61	.84	12.92
1884	.55	.84	.33	.91	T	.11	.46	3.98	3.68	5.15	.22	2.07	18.30
1885	.12	.03	.34	.04	1.27	2.63	1.06	.46	.22	.46	.31	.37	7.31
1886	.31	.44	.28	T	.01	1.03	1.62	1.85	1.16	.80	.52	.04	8.06
1887	.03	.15	.32	.09	.13	.34	.73	1.68	.94	.78	.56	1.01	6.76
1888	.32	1.51	.95	.74	.15	.42	1.39	1.32	.49	1.13	1.32	.05	9.79
1889	.76	.18	.67	.04	.00	.28	1.59	.04	2.64	.35	.55	.00	7.10
1890	.72	.02	.01	.06	T	.63	.95	3.25	1.81	.41	.35	.28	8.49
1891	.27	.09	.16	.00	.38	.40	.06	.13	.23	T	T	.50	2.22
1892	1.25	.57	.30	.11	T	T	1.14	.07	.12	.22	.93	.61	5.32
1893	.02	.52	.31	.00	2.28	T	2.08	3.15	2.08	T	.02	.42	10.88
1894	.33	.29	.13	.01	.01	.01	1.40	.64	.40	.39	.00	.63	4.24
1895	.65	.17	.05	T	2.11	.21	2.48	2.01	.28	.88	1.05	.31	10.20
1896	1.63	.14	T	T	T	.60	2.73	1.09	1.48	2.02	.04	.06	9.79
1897	.54	.00	.05	.14	.46	2.17	2.89	2.57	2.73	.77	T	.09	12.41
1898	.25	.04	.43	.81	.01	.46	1.46	1.00	.50	T	.16	1.04	6.16
1899	.06	.03	.23	.88	T	.61	3.08	.91	.64	.01	.64	.21	7.30
1900	.11	.43	.26	.02	.41	.27	2.38	.43	2.18	1.23	.23	T	7.95
1901	.35	.68	.47	.47	.05	.39	1.05	.34	.82	2.98	1.05	.03	8.68
1902	.57	.01	.00	.00	T	.01	3.27	2.85	1.86	.31	.49	.78	10.15
1903	.61	1.09	.15	.54	.29	2.50	1.19	1.73	3.52	.00	.00	.01	11.63
1904	T	.01	.00	.00	.06	.54	.59	2.24	3.50	3.51	.01	.84	11.30
1905	.86	1.88	1.46	1.38	.03	2.12	2.55	.53	2.29	1.28	2.40	1.02	17.80
1906	.87	1.37	.01	.40	.90	T	2.02	4.10	1.18	.44	2.50	1.20	14.99
1907	.42	T	T	.07	.10	.76	.35	2.50	.96	2.52	.73	T	8.41
1908	.10	.26	.35	.88	.01	.00	2.07	2.55	T	.12	.45	.15	6.94
1909	.04	.16	.77	.00	T	.05	1.62	.51	.60	.02	T	.56	4.33
1910	.21	.10	T	T	T	1.35	.60	1.18	.24	.02	.03	.30	4.03
1911	.36	.96	.43	.47	.39	2.36	3.43	.45	1.00	.43	.35	.25	10.88
1912	.00	.15	.27	.96	T	1.27	1.11	2.83	1.77	.50	.80	.48	10.14
1913	.49	1.26	.29	.14	T	.91	1.13	.54	.60	T	.97	.76	7.09
1914	.03	.53	.10	.47	1.23	1.47	4.91	1.85	.56	.80	1.13	3.94	17.02
1915	1.01	.59	1.34	.20	T	T	2.45	1.37	2.68	.18	.01	.43	10.26
1916	.66	.02	.34	.20	.43	.00	.59	3.07	.55	1.07	.52	.32	7.77
1917	.32	T	.07	T	.14	.36	.41	4.39	.76	T	.04	.00	6.49
1918	1.20	.01	.08	.00	.05	.83	1.52	1.66	.01	1.03	1.04	.78	8.21
1919	.08	.20	.62	.65	.14	.27	1.87	.72	3.30	.97	.93	.12	9.87
1920	1.06	.83	.22	.03	.03	.99	.84	1.33	.31	.57	T	T	6.21
1921	.06	.26	.04	.01	.31	.79	2.13	.35	2.49	.11	.22	.15	6.92
1922	.30	T	.16	.28	.36	.05	1.08	.27	1.07	.35	.29	.09	4.30
1923	.64	1.41	.33	.04	.01	.09	.20	2.96	.41	.58	.53	.93	8.13
1924	.40	.13	.41	.32	T	T	3.00	2.58	.14	.24	.01	.05	7.28
1925	.03	.05	T	T	.59	.17	1.40	2.16	1.03	.79	.02	.27	6.51
1926	.54	.17	1.49	1.11	.70	.11	3.31	.27	2.24	.89	.15	.75	11.73
1927	.05	.18	.28	T	.00	.10	2.52	1.34	1.04	.02	T	.72	6.25
1928	T	.71	.05	.22	.96	T	1.15	2.69	.04	1.47	.79	.13	8.21
1929	T	.29	.21	T	1.51	.54	3.01	1.18	.12	1.60	.33	.50	9.29
1930	.17	.16	.03	T	.62	.53	1.33	1.29	.04	.75	.74	.43	6.09
1931	.83	.89	.38	2.24	.06	1.34	.73	2.14	1.10	.14	.64	.30	10.79
1932	.17	.68	.03	T	1.46	.15	2.28	2.14	2.85	.53	.00	.65	10.94
1933	.19	.23	T	.09	.04	2.14	1.34	.27	.99	.60	.04	.00	5.93
1934	.01	.12	.24	.05	.37	.01	.19	.60	.17	.44	.21	.32	2.73
1935	.24	.47	.14	.02	.17	.09	.16	1.72	1.24	.14	.92	.34	5.65
1936	.57	.06	T	.11	.56	.34	.68	1.94	3.52	.32	1.32	.51	9.93

Continued on next page

Continued from preceding page

Monthly and Annual Rainfall in Inches at the Weather Bureau Station in El Paso near Ysleta.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1937	.12	.32	.48	T	.19	1.05	.39	.36	.48	1.71	.22	.91	6.23
1938	1.22	.17	.49	T	.02	2.82	.60	.20	2.31	.19	T	.28	8.30
1939	.65	.08	.44	.45	.01	T	.60	.91	.90	.93	.75	.19	5.91
1940	.54	.41	.02	.02	.43	1.87	1.06	.78	.25	.82	1.25	.31	7.76
1941	.46	.46	1.63	1.49	1.23	.18	1.40	2.13	4.19	1.65	.48	.35	15.65
1942	.14	.72	.02	1.04	T	.52	.68	3.82	1.03	1.53	.00	1.26	10.76
1943	.25	.00	.07	T	T	1.63	.92	.44	1.36	T	1.53	.80	7.00
1944	.45	1.42	.15	T	.39	1.67	1.52	1.04	.25	1.30	.41	.48	9.08
1945	.11	.17	.64	T	T	.03	.47	.84	.12	4.31	.00	.05	6.74
1946	1.23	T	.04	.36	1.23	.20	.71	1.19	1.51	.41	.03	1.31	8.22
1947	.87	T	.66	.06	.68	.53	.97	1.63	.02	.35	.53	.82	7.12
1948	.25	.63	.04	.11	T	.96	.82	1.82	.03	.18	T	.86	5.70
1949	1.84	.22	.04	.05	.39	.51	1.18	.43	1.74	1.50	.00	.86	8.76
1950	.29	.26	T	T	.10	.11	3.57	.16	1.32	.94	.00	.00	6.75
1951	.33	.63	.59	.45	T	T	2.48	.72	.04	.43	.12	.68	6.47
1952	.02	.96	.92	1.08	.46	1.14	1.88	1.06	.07	.00	.23	.15	7.97
1953	.00	.34	.12	.71	.27	.53	.99	.42	T	.65	T	.39	4.42
Mean	.41	.43	.31	.26	.30	.63	1.58	1.64	1.33	.78	.48	.48	8.63

Table 59. Determination of Coefficients to apply for evaporation losses from the Bureau of Plant Industry, Young, and Weather Bureau pans.

Station	Type of Pan	Length of Record months	Mean Evaporation Losses In Inches												Coefficient for conversion of evaporation losses from			
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	W.B.Pan to evapo ratio from Y Pan	W.B.Pan to evapo ratio from BPI Pan	Y.Pan to evapo ratio from BPI Pan
															Ratio	Ratio	Ratio	
Marillo	B.P.I.	24	2.50	3.74	5.72	7.67	8.56	11.19	11.32	9.36	6.88	6.26	3.62	2.53	79.35	0.92	0.83	1.10
	Y.	40	3.16	4.03	6.83	8.62	9.77	10.98	12.08	9.97	8.66	6.96	4.13	2.41	87.60			
	W.B.	40	3.42	4.16	7.37	9.47	11.26	13.12	13.10	11.22	8.95	7.14	3.79	2.45	95.45			
Milton	B.P.I.	16	2.86	2.52	3.24	5.16	5.27	6.90	6.82	5.42	6.04	5.06	3.00	2.70	54.99	-	-	0.89
	Y.	16	3.10	2.19	2.46	4.16	4.33	5.64	5.87	4.74	5.22	5.31	3.00	3.16	49.18			
	W.B.	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Martha	B.P.I.	41	4.25	4.24	6.84	8.96	9.90	10.86	9.91	9.58	7.34	5.67	3.91	3.47	84.93	0.83	0.82	1.02
	Y.	41	4.60	4.51	6.96	8.99	10.01	10.80	9.63	9.43	7.70	5.76	4.26	3.72	86.37			
	W.B.	31	5.47	5.54	9.02	10.86	12.52	13.07	11.56	11.61	9.24	6.70	4.25	4.04	103.88			
Mount	B.P.I.	37	2.81	2.06	3.38	4.36	5.90	6.50	6.94	6.43	5.22	4.76	3.55	2.63	54.54	0.71	0.80	0.89
	Y.	40	2.41	2.04	3.10	3.48	5.20	5.23	4.85	5.58	4.43	4.67	3.39	4.07	48.45			
	W.B.	39	3.85	2.88	4.43	5.41	7.23	8.16	8.97	8.20	6.28	5.73	3.88	3.41	68.43			
Northlands	B.P.I.	36	2.42	3.02	6.17	5.29	6.60	8.15	8.33	8.64	6.80	5.00	4.02	2.35	66.79	0.89(2)	0.78	0.88(3)
	W.B.	36	2.87	3.86	8.12	7.06	8.83	9.62	10.99	11.28	8.92	6.41	4.39	3.35	85.70			
	C. (1)	36	2.83	3.45	7.14	5.75	7.76	8.18	9.64	10.15	8.22	5.85	4.00	2.99	75.96			
Okanagan	B.P.I.	119	1.93	2.58	4.49	5.60	6.62	8.75	9.76	9.75	6.67	5.08	3.43	2.37	67.03	0.79	0.82	0.97
	Y.	123	2.33	2.52	4.44	5.30	6.05	7.97	8.97	9.30	6.40	4.95	3.75	2.76	64.74			
	W.B.	123	2.87	3.28	5.85	7.22	8.16	10.44	11.54	11.55	7.84	6.10	4.19	2.93	81.97			
Okanagan	B.P.I.	72	ice	3.47	5.42	7.75	8.12	10.63	10.03	10.56	8.37	6.16	4.29	3.24	78.04(4)	0.80	0.80	1.00
	Y.	72	ice	3.67	5.42	7.58	7.78	10.15	9.76	10.55	8.25	6.45	4.59	3.86	78.07			
	W.B.	72	ice	3.80	6.64	10.17	10.99	13.99	12.80	12.78	10.00	7.63	4.99	4.09	97.88			
Okanagan	B.P.I.	40	2.79	3.41	5.57	7.14	8.57	10.46	9.81	8.62	6.88	5.50	3.24	2.57	74.56	0.84	0.86	0.97
	Y.	40	3.09	3.43	5.75	7.01	7.57	10.33	8.93	8.15	6.42	5.27	3.41	2.83	72.19			
	W.B.	40	3.50	3.91	6.89	8.34	11.57	12.96	10.87	9.41	7.24	6.04	3.66	3.06	86.45			
Okanagan	B.P.I.	-	-	-	-	-	-	-	-	-	-	-	-	-	0.88	-	-	
	Y.	115	2.16	2.48	4.00	4.89	6.17	8.21	9.19	9.50	6.66	5.42	3.85	2.59				65.12
	W.B.	115	2.45	2.75	4.95	5.96	7.35	9.60	10.63	10.41	7.37	5.78	3.76	2.63				73.64
Okanagan	B.P.I.	34	3.15	3.70	5.42	7.18	7.86	11.13	10.75	11.17	8.58	6.25	3.26	2.79	81.24	0.84	0.82	1.02
	Y.	34	3.48	3.96	5.39	6.84	7.27	10.95	10.99	11.08	9.31	6.92	3.77	3.21	83.17			
	W.B.	22	3.68	4.97	6.90	8.87	9.75	11.84	13.24	14.19	9.74	8.00	4.22	3.22	98.62			
Okanagan	B.P.I.	34	2.92	2.89	4.19	5.98	6.61	9.17	7.82	7.65	6.06	5.39	3.61	2.99	65.29	0.80	0.84	0.95
	Y.	34	3.28	3.02	4.59	5.42	5.27	7.66	6.66	7.54	5.58	5.64	3.98	3.28	61.92			
	W.B.	34	4.08	4.06	5.64	6.94	7.98	9.46	9.19	9.50	7.26	6.09	4.06	3.42	77.68			
Okanagan	B.P.I.	42	2.94	3.69	5.87	7.41	7.90	10.39	10.06	9.93	7.31	5.80	3.69	2.86	77.85	0.76	0.80	0.96
	Y.	42	3.02	3.82	5.39	6.80	7.43	9.20	9.89	9.54	6.76	5.57	3.93	3.18	74.53			
	W.B.	42	4.03	4.67	7.21	9.35	10.52	12.48	12.85	12.46	8.74	7.10	4.45	3.56	97.42			
Okanagan	B.P.I.	3	1.96	2.60	3.76	4.04	5.42	7.06	6.22	5.85	4.73	4.22	2.43	1.89	51.18	-	-	0.92
	Y.	3	2.08	2.60	3.23	3.67	4.48	5.92	4.98	6.21	4.75	4.25	2.48	2.18	46.83			
	W.B.	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Okanagan	B.P.I.	62	2.30	2.32	3.95	4.48	5.65	6.56	6.21	6.90	5.25	4.59	3.42	2.28	53.91	0.78	0.86	0.91
	Y.	62	2.21	2.23	3.59	4.11	4.75	5.69	5.49	6.23	4.71	4.19	3.36	2.30	48.86			
	W.B.	62	2.72	2.75	4.75	5.47	6.91	7.85	7.31	7.87	5.90	5.00	3.85	2.50	62.88			
Okanagan	B.P.I.	17	3.42	4.05	6.41	9.38	10.48	11.59	9.72	9.32	7.98	5.90	3.64	1.97	83.86	0.78	0.78	1.00
	Y.	17	3.56	4.15	6.90	9.95	10.99	10.73	9.32	7.96	8.00	5.87	4.04	2.48	83.95			
	W.B.	17	4.33	4.86	8.61	12.83	14.36	15.30	12.16	10.92	9.78	6.96	4.52	2.56	107.19			

Table 59 . Determination of Coefficients to apply for evaporation losses from the Bureau of Plant Industry, Young, and Weather Bureau pans.- Continued.

Station	Type of Pan	Length of Record months	Mean Evaporation Losses In Inches												Coefficient for conversion of evaporation losses from			
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	W.B. Pan to evapo from Y Pan Ratio	W.B. Pan to evapo from BPI Pan Ratio	Y. Pan to evapo from BPI Pan Ratio
International Boundary and Water Commission Stations																		
Fort	12-ft	23	3.88	3.80	6.98	7.23	8.70	9.78	12.56	11.06	7.73	6.40	4.51	3.59	86.12			
McIntosh	Y.	23	4.59	4.13	7.22	8.48	8.95	11.15	14.21	12.56	9.12	7.79	5.05	4.31	97.56			
Laredo	W.B.	23	5.45	5.75	8.89	10.66	12.83	13.89	12.56	15.69	11.59	8.39	5.54	4.95	121.19	0.80	0.79(5)	1.1
Dryden	12-ft	27	3.59	3.63	7.20	9.43	10.50	11.71	12.46	11.75	8.92	6.03	4.95	3.82	93.99			
	Y.	28	3.51	3.87	8.06	8.44	9.90	10.61	12.81	11.79	8.45	6.22	5.31	4.34	93.31			
	W.B.	87	4.02	5.63	10.27	12.52	14.09	15.72	16.23	15.47	11.83	7.46	5.91	4.75	123.90	0.75	0.76(5)	0.9

- (1) Colorado Type Pan
 - (2) Coefficient for conversion of evaporation losses from W.B. Pan to evaporation from C Pan.
 - (3) Coefficient for conversion of evaporation losses from C pan to evaporation from B.P.I. pan.
 - (4) 11 months data
 - (5) Coefficient for conversion of evaporation losses from W.B. Pan to evaporation from 12-ft pan.
 - (6) Coefficient for conversion of evaporation losses from 12-ft pan to evaporation from Y pan.
- Abbreviations: B.P.I.: (Bureau of Plant Industry Pan) 72" diameter x 24" deep, sunken in the ground.
 Y. : (Young Pan) 24" diameter x 36" deep, screened, sunken in the ground.
 W.B. : (Weather Bureau Pan) 48" diameter x 10" deep, supported on wooden platform above ground surface.

Table 60 . Net evaporation losses from free water surfaces at various locations in Texas at Texas Agricultural Experiment Stations and other cooperating stations.

Index No.	Station	County	Mean annual observed evaporation losses from	Actual and estimated mean coefficients to apply to evaporation pans (2)	Evaporation losses from free water surface by applying a determined coefficient	Mean Annual Rainfall	Net Evaporation loss from free water surface
			B.P.I.Pan(1) Inches	Ratio	Inches	Inches	Inches
1	Amarillo	Potter	79.35	1.10	87.28	18.44	68.84
2	Angleton	Brazoria	54.99	0.89	48.94	47.94	1.00
3	Balmorehea	Reeves	84.93	1.02	86.63	12.79	73.84
4	Beaumont	Jefferson	54.54	0.89	48.54	55.06	6.52(12)
5	Beeville	Bee	59.11	0.97(6)	57.34	29.48	27.86
6	Big Spring	Howard	54.51(3)	0.97(6)	52.87	18.32	34.55
7	Blacklands Experimental Watershed (Riesel)	McLennan	68.70	0.97(6)	66.64	33.07	33.57
8	Buchanan Dam	Burnet	67.03	0.97	65.02	26.72	38.30
9	Chillicothe	Hardeman	69.38	0.97(6)	67.30	24.39	42.91
10	College Station	Brazos	54.83	0.97(6)	53.19	39.27	13.92
11	Dalhart	Dallam	50.56(3)	0.97(6)	49.04	17.88	31.16
12	Denton	Denton	56.18	0.97(6)	54.49	32.33	22.16
13	Iowa Park	Wichita	56.49	0.97(6)	54.80	29.76	25.04
14	Lake Kickapoo	Archer	78.04(4)	1.00	78.04	24.39	53.65
15	Lubbock	Lubbock	74.56	0.97	72.32	17.87	54.45
16	Mansfield Dam	Travis	65.12(5)	1.00	65.12	25.67	29.45
17	Nacogdoches	Nacogdoches	44.68	0.97(6)	43.34	49.31	5.97(12)
18	Possum Kingdom Dam	Palo Pinto	81.24	1.02	82.86	18.03	64.83
19	Prairie View	Waller	65.29	0.95	62.03	39.94	22.09
20	San Antonio	Bexar	65.74	0.97(6)	63.77	29.36	34.41
21	Sonora	Edwards	77.85	0.96	74.74	22.47	52.27
22	Spur	Dickens	66.66	0.97(6)	64.66	20.26	44.40
23	Temple	Bell	57.93	0.97(6)	56.19	33.81	22.38
24	Troup	Smith	52.45	0.97(6)	50.88	42.80	8.08
25	Tyler (Lindale)	Smith	51.18	0.92	47.09	46.84	.25
26	Weslaco	Hidalgo	56.07	0.97(6)	54.39	23.30	31.09
27	William Harris Reservoir	Brazoria	53.91	0.91	49.06	47.02	2.04
28	Winter Haven	Dimmit	61.10	0.97(6)	59.27	21.28	37.99
29	Ysleta	El Paso	83.86	1.00	83.86	8.63	75.23
Weather Bureau Stations (using only Weather Bureau evaporation pan)							
30	Austin	Travis	69.59	0.79(7)	54.98	33.48	21.50
31	Del Rio	Val Verde	97.01	0.76(8)	73.73	18.24	55.49
32	Denison Dam	Grayson	82.29	0.80(9)	65.83	34.84	30.99
33	Dillee	Frio	79.99	0.80(10)	63.99	21.81	42.18
34	Fort Stockton	Pecos	106.83	0.78(11)	83.33	14.75	68.58
35	Grandfalls	Pecos	105.93	0.78(11)	82.63	12.49	70.14
36	Laredo	Webb	120.77	0.80(10)	96.62	19.47	77.15
37	Red Bluff Dam	Reeves	108.69	0.78(11)	84.78	10.44	74.34
International Boundary and Water Commission Stations							
38	Dryden	Terrell	93.31	1.00	93.31	12.70	80.61
39	Falcon Dam	Zapata	113.07	1.00	113.07	13.65	99.42
40	Fort McIntosh (Laredo)	Webb	97.56	1.00	97.56	19.21	78.35
41	Johnson's Ranch	Brewster	126.61	1.00	126.61	8.69	117.92
42	Maravillas	Brewster	99.80	1.00	99.80	11.35	88.45
43	Presidio	Presidio	112.50	1.00	112.50	8.96	103.54

- (1) Bureau of Plant Industry type pan used at all Texas Agricultural Experiment Stations.
- (2) Using the water losses from the Young screened ground evaporation pan as unity or a ratio of 1.00 which is nearly the actual evaporation losses from large pans or free water surface. The ratio or coefficient was determined from experimental studies made in Texas by conversion of evaporation losses from the Young pan to evaporation losses from the Bureau of Plant Industry pan. Evaporation studies made in California showed this coefficient to be a ratio of 0.98. The coefficients were determined by studies made at various stations where the Bureau of Plant Industry, Young screened, and Weather Bureau types of evaporation pans were used.
- (3) Evaporation records for April, May, June, July, August and September (for a 6 months season).
- (4) For 11 months of the year. January records were excluded on account of ice on pans.
- (5) Evaporation records for the Young screened ground pan. Bureau of Plant Industry pan was not installed at this station.
- (6) The mean coefficient for 13 stations in Texas.
- (7) Used coefficient for the Weather Bureau Pan at Buchanan Dam.
- (8) Used coefficient for the Weather Bureau Pan at Sonora Experiment Station.
- (9) Used coefficient for the Weather Bureau Pan at Lake Kickapoo Station.
- (10) Used coefficient for the Weather Bureau Pan at International Boundary and Water Commission at Laredo.
- (11) Used coefficient for the Weather Bureau Pan at Ysleta Experiment Station.
- (12) The rainfall exceeds the evaporation losses from a free water surface - only occurred at two out of 43 evaporation stations in Texas.

APPENDIX

Table 61 .. Mean Monthly and Annual Meteorological Data for Stations from which Evaporation Records are available.

	LENGTH OF RECORD YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AUSTIN														
Evaporation - Floating Pan (1)	14	1.86	2.40	3.91	4.73	5.29	5.97	6.80	6.85	4.94	3.94	2.45	1.98	51.1
Evaporation - W.B. Pan (Inches)	29(2)	2.56	3.21	5.16	6.04	7.16	8.41	9.36	9.51	6.88	5.36	3.50	2.44	69.5
Rainfall (Inches)	92	2.15	2.42	2.40	3.68	4.18	2.54	2.20	2.17	3.72	2.93	2.44	2.61	33.4
Mean Maximum Temperature (Deg F)	56	60	64	71	79	85	91	94	95	90	82	70	62	79
Mean Minimum Temperature (Deg F)	56	40	44	49	57	65	72	74	74	69	60	48	42	58
Mean Relative Humidity (Percent)														
12:30 a.m.	14	78	79	75	80	84	83	80	76	79	79	77	79	79
6:30 a.m.	27	83	83	80	84	88	88	88	87	87	85	82	83	85
12:30 p.m.	25	63	61	54	55	57	55	51	48	52	51	54	61	55
6:30 p.m.	27	64	61	52	54	58	55	51	47	54	54	59	65	56
Wind Movement (Miles)	12	2,793	2,551	2,885	2,609	2,464	2,436	2,200	2,336	1,746	1,834	2,370	2,472	28,56
DEL RIO														
Evaporation - W.B. Pan (Inches)	8	3.51	4.50	7.47	8.89	10.27	12.08	13.59	12.75	9.28	6.76	4.58	3.33	97.0
Rainfall (Inches)	48	.67	.83	.90	1.43	2.40	2.13	1.83	1.54	2.49	2.20	1.00	.82	18.0
Mean Maximum Temperature (Deg F)	48	62	68	74	81	86	91	93	94	88	80	70	63	79
Mean Minimum Temperature (Deg F)	48	42	46	52	61	68	74	76	76	72	62	50	44	60
Mean Relative Humidity (Percent)														
12:30 a.m.	16	70	66	56	59	67	64	58	58	65	68	66	70	64
6:30 a.m.	48	81	77	73	76	82	82	80	78	83	83	81	81	80
12:30 p.m.	35	58	55	48	48	54	54	50	47	54	55	54	58	53
6:30 p.m.	26	53	46	38	40	47	45	42	41	49	54	53	57	47
Wind Movement (Miles)	6	1,636	1,734	2,188	2,167	2,658	2,852	2,610	1,981	1,612	1,651	1,542	1,496	24,11
DENISON DAM														
Evaporation - W.B. Pan (Inches)	6	3.26	3.69	5.81	7.70	8.74	11.20	10.29	10.36	7.99	6.14	4.21	2.90	82.0
Rainfall (Inches)	6	2.68	3.34	1.99	3.87	4.66	3.26	5.08	1.89	2.49	2.47	1.85	1.26	34.0
Mean Maximum Temperature (Deg F)	6	57	60	66	73	82	92	94	96	88	79	65	58	78
Mean Minimum Temperature (Deg F)	6	34	37	42	49	60	70	72	71	62	52	40	38	52
Wind Movement (Miles)	6	3,910	2,818	3,913	3,822	2,862	2,962	2,136	1,848	1,904	2,415	3,060	3,258	34,50
DILLEY														
Evaporation - W.B. Pan (Inches)	25	2.93	3.58	6.15	7.42	8.42	9.68	10.88	10.85	7.77	5.89	3.69	2.73	79.0
Rainfall (Inches)	44	1.02	1.17	1.42	1.97	3.13	2.59	1.84	1.66	2.58	1.81	1.20	1.42	21.0
Mean Maximum Temperature (Deg F)	9	66	69	77	85	91	96	100	100	94	86	76	67	84
Mean Minimum Temperature (Deg F)	9	41	43	49	58	66	72	73	72	68	59	48	42	58
Wind Movement (Miles)	25	1,273	1,356	1,616	1,458	1,324	1,282	1,179	1,158	956	962	1,057	1,033	14,65
FORT STOCKTON														
Evaporation - W.B. Pan (Inches)	13	4.06	4.94	8.94	10.79	12.68	14.25	13.58	12.37	9.13	7.08	4.97	4.04	106.0
Rainfall (Inches)	79	.54	.51	.54	.78	1.56	1.68	1.79	1.98	2.55	1.33	.67	.82	14.7
Mean Maximum Temperature (Deg F)	6	62	66	73	80	89	96	96	96	90	82	69	64	80
Mean Minimum Temperature (Deg F)	6	32	36	41	49	58	68	69	68	61	51	38	33	50
Wind Movement (Miles)	6	2,290	2,254	3,214	3,621	3,238	3,665	2,888	2,305	1,694	1,834	1,679	1,870	30,55
GRANDFALLS														
Evaporation - W.B. Pan (Inches)	11	3.17	4.94	9.03	11.66	13.10	13.99	13.65	12.78	9.07	6.95	4.59	3.00	105.0
Rainfall (Inches)	31	.45	.57	.57	.98	1.53	1.02	.94	1.65	2.04	1.40	.56	.78	12.4
LAREDO														
Evaporation - W.B. Pan (Inches)	5	5.59	6.21	8.91	10.96	12.94	14.59	16.45	15.63	11.10	8.27	5.87	4.25	120.7
Rainfall (Inches)	40	.96	.79	.84	1.45	3.22	1.99	1.36	1.57	3.15	1.88	1.10	1.16	19.4
Mean Maximum Temperature (Deg F)	17	69	73	80	88	93	97	100	100	94	88	77	70	86
Mean Minimum Temperature (Deg F)	17	46	51	56	64	70	74	76	76	73	65	54	48	63
Mean Relative Humidity (Percent)														
12:30 a.m.	10	72	73	69	69	74	74	69	68	72	73	71	72	71
6:30 a.m.	10	81	82	78	80	85	86	84	83	85	84	80	79	82
12:30 p.m.	10	58	57	50	47	52	49	47	47	48	51	52	55	51
6:30 p.m.	10	52	49	43	40	44	43	42	42	46	47	50	53	46
Wind Movement (Miles)	6	2,662	2,698	3,271	3,822	4,259	4,482	4,666	3,800	2,578	2,446	2,384	2,134	39,20
RED BLUFF DAM														
Evaporation - W.B. Pan (Inches)	10	3.76	5.13	8.95	11.28	13.60	14.77	13.77	13.00	10.23	6.50	4.50	3.20	108.0
Rainfall (Inches)	10	.47	.24	.22	.51	1.79	1.36	1.10	.95	1.63	1.26	.37	.54	10.4
Mean Maximum Temperature (Deg F)	2	70	67	74	80	90	100	98	100	94	82	68	60	82
Mean Minimum Temperature (Deg F)	2	34	32	40	48	54	67	69	66	57	46	36	26	48
Wind Movement (Miles)	2	3,390	2,931	4,109	4,362	3,388	2,643	2,328	1,976	1,626	1,704	2,173	2,570	33,20

Note: (1) 36" square x 13" deep galvanized pan floating on a reservoir 30' x 200' and 30' east of land pan.
 (2) Includes only records for Hill's Ranch and Austin Airport.

Table 62 . Monthly and Annual Evaporation in Inches at the Weather Bureau Station near Austin. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1916	-	-	-	6.88	8.09	8.53	7.76	7.46	6.84	5.29	3.25	3.42	-
1917	2.58	4.33	6.10	7.28	7.44	10.50	9.96	11.02	7.22	7.15	4.05	2.80	80.45
1918	-	3.42	6.40	6.05	7.03	9.05	12.34	10.26	8.75	5.88	2.88	2.51	-
1919	-	2.57	4.19	5.77	5.52	6.97	5.78	6.69	4.83	3.54	3.16	1.88	-
1920	1.90	2.73	6.15	6.78	6.32	6.39	8.47	6.15	6.88	4.28	2.80	3.03	61.89
1921	2.56	3.65	4.28	6.67	6.20	6.88	8.08	9.43	5.26	4.48	3.13	2.69	63.32
1922	2.84	3.35	5.60	4.96	6.63	6.64	8.88	8.39	6.70	6.03	2.73	2.73	65.48
1923	3.46	2.12	5.27	4.81	7.33	7.96	8.74	8.98	4.98	4.18	2.18	1.98	61.97
1924	1.95	2.87	4.22	4.90	6.46	7.50	8.60	9.02	6.08	4.27	4.15	2.36	62.41
1925	2.29	4.89	6.77	8.08	9.35	10.28	11.41	9.77	6.50	4.48	3.00	2.58	79.38
1926	2.21	4.35	3.95	4.75	5.77	7.34	7.40	7.44	6.40	5.28	3.68	1.84	60.41
1927	2.40	3.55	3.91	6.23	7.77	6.75	8.27	8.86	6.49	4.84	3.64	2.45	65.14
1928	3.13	2.79	6.15	5.67	7.34	7.56	9.17	9.36	6.48	5.26	2.88	2.15	67.93
1929	2.55	2.13	4.71	4.96	6.47	7.75	7.20	9.00	6.81	5.95	2.90	2.20	62.63
1930	1.30	3.30	4.38	5.98	4.70	7.30	9.45	9.32	6.75	3.62	2.37	1.82	60.29
1931	1.80	2.75	5.04	4.72	6.11	7.65	8.20	8.48	7.75	6.43	3.11	1.65	63.68
1932	2.46	2.88	4.89	6.36	6.91	8.36	9.43	7.63	5.03	5.11	3.60	1.40	64.06
1933	2.25	2.02	4.68	6.43	7.92	8.97	9.48	8.17	6.46	5.25	3.17	3.27	68.07
1934	2.37	3.11	4.98	5.97	7.63	10.09	10.73	10.09	7.10	6.18	3.86	2.55	74.37
1935	2.28	3.17	5.61	4.88	6.07	6.29	8.42	8.89	5.41	-	2.41	1.86	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	2.43	2.52	5.26	4.19	4.96	7.17	6.39	11.30	5.86	4.33	4.08	2.66	61.17
1943	2.76	4.16	5.74	7.69	9.21	8.50	9.48	10.78	7.14	5.70	3.55	1.55	76.26
1944	2.11	2.29	3.65	6.64	7.38	9.00	10.78	11.08	7.71	5.57	2.55	2.08	70.85
1945	2.55	3.27	4.94	5.16	8.64	9.98	9.64	9.36	8.45	4.72	4.19	-	-
1946	2.86	3.71	5.66	6.91	7.16	8.53	11.06	9.62	5.43	4.87	3.16	2.44	71.41
1947	2.64	3.64	5.32	4.95	7.71	10.27	11.61	9.74	9.98	7.61	4.33	2.60	80.21
1948	-	2.14	5.65	8.58	9.07	11.53	10.92	12.27	8.48	7.12	5.10	3.92	-
1949	2.38	2.52	5.10	5.27	7.98	9.29	10.61	9.30	8.03	5.30	4.83	2.37	72.98
1950	-	5.67	6.22	-	7.64	8.50	10.43	11.59	8.15	6.52	5.43	3.90	-
1951	-	-	7.77	7.66	7.45	9.49	11.28	12.82	9.10	6.08	3.76	3.23	-
1952	3.83	4.75	5.33	7.24	8.29	9.02	9.93	11.92	7.79	7.17	4.50	2.63	82.40
1953	4.68	2.98	4.37	6.78	7.53	11.85	11.51	10.42	7.40	5.78	3.14	-	-
Mean	2.56	3.21	5.16	6.04	7.16	8.41	9.36	9.51	6.88	5.36	3.50	2.44	69.59

Table 63 . Monthly and Annual Evaporation in Inches at the Weather Bureau Station near Del Rio. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1946	2.76	6.02	9.00	9.94	7.53	9.76	12.55	14.07	8.52	5.45	4.39	3.56	93.55
1947	2.16	4.73	7.03	8.06	10.25	10.32	12.86	10.04	9.42	8.00	4.25	2.71	89.83
1948	3.54	2.70	7.73	10.88	11.88	12.89	11.10	12.56	8.27	5.58	4.60	3.45	95.18
1949	2.07	3.41	5.88	5.18	8.53	10.59	10.66	8.79	8.11	4.82	4.19	2.24	74.46
1950	2.68	2.96	7.38	7.24	8.96	9.62	12.03	12.29	8.39	6.99	5.46	3.65	87.65
1951	4.82	-	7.48	9.35	9.32	10.88	14.06	13.17	9.74	6.17	3.86	3.39	-
1952	3.85	5.36	6.54	8.07	9.98	14.34	15.67	17.12	12.21	9.93	4.64	3.87	107.68
1953	6.22	6.33	8.69	12.38	15.72	18.24	19.80	13.99	9.56	7.10	5.27	3.76	127.06
Mean	3.51	4.50	7.47	8.89	10.27	12.08	13.59	12.75	9.28	6.76	4.58	3.33	97.01

Table 64 . Monthly and Annual Evaporation in Inches at the Weather Bureau Station near Denison Dam. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	2.26	2.21	4.92	9.99	8.76	10.96	10.11	9.73	8.60	6.15	4.77	3.37	81.82
1949	-	-	4.66	6.09	7.50	10.26	11.20	9.34	6.79	4.66	4.55	2.29	-
1950	-	5.05	6.80	7.77	8.67	9.69	7.30	8.73	-	6.61	5.17	2.96	-
1951	4.27	-	6.65	8.70	8.20	9.68	11.44	12.82	8.62	7.29	3.22	3.38	-
1952	3.42	4.04	5.97	6.14	10.38	12.36	11.50	12.12	7.42	6.85	4.71	2.07	86.98
1953	3.09	3.46	5.83	7.51	8.96	14.22	10.20	9.44	8.51	5.26	2.86	3.36	82.70
Mean	3.26	3.69	5.81	7.70	8.74	11.20	10.29	10.36	7.99	6.14	4.21	2.90	82.29

Table 65 . Monthly and Annual Evaporation in Inches at the Weather Bureau Station near Dilley. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1929	3.46	3.84	7.09	8.17	9.71	10.38	10.65	11.90	9.42	7.18	3.09	2.96	87.85
1930	1.88	4.66	5.49	7.50	5.93	7.57	10.54	10.47	7.69	4.82	2.49	2.56	71.60
1931	2.58	2.74	6.16	5.49	6.67	8.32	8.64	8.39	8.25	6.68	4.20	2.22	70.31
1932	2.89	3.34	5.83	6.88	8.44	9.84	10.24	9.89	5.45	4.57	3.52	2.03	72.91
1933	2.46	2.40	5.61	8.09	9.51	10.37	11.38	8.77	6.62	5.86	3.80	3.80	78.61
1934	2.78	4.11	6.22	7.07	9.52	11.44	11.50	10.91	7.95	5.77	4.26	2.62	84.15
1935	2.64	3.97	7.68	6.35	7.40	6.77	9.54	11.21	6.14	3.99	2.61	1.73	70.03
1936	2.90	3.54	5.87	7.89	6.72	9.15	7.55	9.28	5.28	4.88	2.73	2.28	68.07
1937	1.68	3.64	4.31	7.89	9.45	10.38	9.93	11.63	7.80	6.62	3.93	1.55	78.81
1938	2.48	3.08	5.17	5.82	7.40	9.48	11.49	10.88	8.43	7.56	4.73	3.31	79.43
1939	2.50	3.82	6.30	9.04	8.71	9.70	12.04	9.51	8.79	6.31	3.50	3.10	83.32
1940	2.25	3.39	5.56	6.40	8.03	6.38	8.60	10.48	8.36	5.80	2.66	2.52	70.43
1941	2.71	2.32	3.69	5.80	6.49	7.05	9.40	10.40	7.85	6.10	3.98	2.54	68.33
1942	3.18	2.90	6.84	5.65	6.53	10.04	8.65	10.00	5.81	4.32	3.70	3.56	71.16
1943	2.69	4.78	6.58	7.67	-	-	-	-	6.04	6.51	3.75	2.69	-
1944	3.54	2.52	5.79	8.79	8.67	9.91	13.26	11.45	7.97	7.08	4.42	2.08	85.48
1945	3.19	3.25	7.01	8.12	11.69	12.18	11.97	12.40	11.55	5.31	4.14	3.38	94.19
1946	3.20	4.20	8.16	9.14	6.60	10.11	13.16	12.49	5.74	3.92	3.24	2.62	82.58
1947	2.59	3.77	6.25	8.01	8.68	9.44	11.93	9.53	9.78	7.22	3.88	2.53	83.61
1948	3.47	2.95	6.25	9.69	10.70	13.26	10.67	11.12	7.64	4.90	4.13	3.15	87.91
1949	2.26	3.34	4.98	5.00	6.96	7.80	10.26	-	-	-	-	-	-
1950	-	-	6.63	6.02	8.61	9.01	10.70	10.68	8.31	6.15	4.53	3.10	-
1951	4.11	-	6.99	8.31	8.34	9.57	12.80	12.46	8.63	6.58	3.88	3.21	-
1952	3.82	5.06	6.95	7.54	10.09	10.56	11.98	13.92	8.92	7.55	4.05	3.01	93.44
1953	5.05	4.69	6.26	9.07	11.24	13.68	14.28	11.90	8.04	5.71	3.40	3.03	96.35
Mean	2.93	3.58	6.15	7.42	8.42	9.68	10.88	10.85	7.77	5.89	3.69	2.73	79.99

Table 66 . Monthly and Annual Evaporation in Inches at the Weather Bureau Station near Fort Stockton. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1940	-	-	-	10.08	11.39	9.77	11.74	9.35	9.71	7.29	4.10	3.47	-
1941	3.07	3.68	6.16	9.52	8.47	11.02	10.91	9.58	7.70	4.92	3.54	4.58	83.15
1942	3.78	5.73	10.89	10.82	13.10	13.06	13.04	7.66	7.36	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	13.59	15.39	15.07	13.71	8.20	6.46	4.68	2.55	-
1945	3.69	5.68	9.38	11.12	15.90	16.31	11.22	13.58	11.35	4.76	5.31	4.63	112.93
1946	3.15	5.41	-	10.79	12.33	13.22	14.88	13.62	9.21	6.96	-	3.70	-
1947	-	4.54	7.68	10.66	12.16	14.00	15.02	11.85	11.23	9.52	4.92	3.27	-
1948	2.95	4.19	9.21	12.96	13.46	15.67	13.83	14.77	-	-	-	-	-
1949	2.14	5.03	9.47	7.79	11.60	14.71	13.05	10.21	8.50	6.55	5.87	4.52	99.44
1950	4.46	4.69	10.55	10.75	12.17	14.00	11.42	12.96	7.97	8.19	6.37	5.53	109.06
1951	6.55	-	8.24	11.65	11.58	14.01	17.37	16.14	-	-	-	-	-
1952	-	-	9.27	11.46	14.33	14.87	13.47	13.66	10.03	9.06	4.77	3.54	-
1953	6.79	5.51	8.50	11.88	14.70	19.25	15.49	13.74	-	-	5.14	4.64	-
Mean	4.06	4.94	8.94	10.79	12.68	14.25	13.58	12.37	9.13	7.08	4.97	4.04	106.83

Table 67 . Monthly and Annual Evaporation in Inches at the Weather Bureau Station near Grandfalls. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1940	2.40	4.67	7.98	13.42	11.00	10.63	12.89	11.40	10.24	8.43	3.97	3.20	100.23
1941	3.36	3.63	6.39	10.44	9.77	11.36	11.04	11.12	8.09	6.09	3.64	3.15	88.08
1942	-	5.02	8.71	10.52	13.00	15.50	15.13	12.19	8.17	6.54	6.08	3.98	-
1943	5.02	7.40	9.60	12.69	15.39	14.40	14.24	14.73	8.38	6.87	4.31	2.00	115.03
1944	3.16	4.23	9.29	14.17	14.70	15.64	12.82	10.98	7.58	7.74	4.12	2.24	106.67
1945	3.32	5.63	8.95	11.00	14.02	12.45	10.89	12.20	10.10	5.52	5.17	3.25	102.50
1946	3.24	5.16	8.94	10.60	12.19	14.46	15.36	13.95	10.12	6.54	4.47	3.62	108.65
1947	-	4.77	7.81	10.96	13.83	14.02	14.66	12.67	11.12	8.38	4.36	2.59	-
1948	3.11	4.77	10.13	14.30	14.04	17.46	15.79	15.78	-	-	-	-	-
1949	1.78	4.52	9.61	8.10	-	-	-	-	7.83	6.44	5.21	-	-
1950	-	4.56	11.90	12.11	-	-	-	-	-	-	-	-	-
Mean	3.17	4.94	9.03	11.66	13.10	13.99	13.65	12.78	9.07	6.95	4.59	3.00	105.93

Table 68 . Monthly and Annual Evaporation in Inches at the Weather Bureau Station near Laredo. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	-	-	-	-	-	13.98	14.84	14.98	11.09	7.01	6.02	2.93	-
1950	4.32	4.90	8.53	9.58	12.40	12.91	16.96	14.77	12.19	9.90	6.95	4.93	118.34
1951	5.71	6.53	9.23	12.48	11.76	14.61	17.00	16.05	11.31	7.99	5.48	5.47	123.62
1952	5.49	6.85	9.44	10.13	14.02	14.31	15.01	17.55	10.89	9.38	5.37	4.00	122.44
1953	6.84	6.55	8.44	11.66	13.58	17.12	18.42	14.79	10.01	7.05	5.54	3.99	123.99
Mean	5.59	6.21	8.91	10.96	12.94	14.59	16.45	15.63	11.10	8.27	5.87	4.25	120.77

Table 69 . Monthly and Annual Evaporation in Inches at the Weather Bureau Station near Red Bluff Dam. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1940	2.42	5.50	9.98	11.89	13.10	12.75	15.09	11.38	12.00	7.70	3.58	3.34	108.73
1941	3.02	4.53	6.36	9.88	8.86	10.44	11.64	11.34	8.19	5.69	3.68	3.27	86.90
1942	3.15	5.28	8.55	10.19	13.51	15.08	15.07	11.01	9.51	6.54	6.19	4.28	108.36
1943	4.50	6.22	9.84	10.62	14.60	15.44	12.08	16.33	10.09	7.40	4.70	2.26	114.08
1944	2.59	3.87	9.56	13.45	15.22	15.92	14.43	12.21	-	5.67	3.88	2.07	-
1945	2.81	-	9.43	11.42	14.73	16.18	11.31	13.49	10.65	4.29	5.42	3.87	-
1946	2.67	5.00	9.06	11.07	13.35	13.72	14.05	13.77	8.65	6.03	5.01	3.04	105.42
1947	4.25	4.38	7.30	10.84	12.51	16.01	16.20	-	12.41	8.47	4.53	2.91	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	5.29	6.55	9.79	10.16	13.89	14.26	12.38	14.42	-	7.18	3.84	3.53	-
1953	6.95	4.83	9.66	13.26	16.26	17.87	15.42	13.05	10.32	6.07	4.15	3.38	121.22
Mean	3.76	5.13	8.95	11.28	13.60	14.77	13.77	13.00	10.23	6.50	4.50	3.20	108.69

Table 70 . Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Austin.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1856	2.15	2.65	1.40	1.21	2.84	.62	.41	1.56	2.67	1.88	2.02	.22	19.63
1857	2.15	2.82	.30	1.59	1.68	3.36	.46	.68	4.38	3.35	6.14	6.12	33.03
1858	2.95	.96	7.02	.49	8.80	1.07	3.80	.44	5.01	2.90	.75	2.18	36.37
1859	2.13	.88	1.72	.49	2.46	2.14	1.31	1.11	9.70	4.49	.40	1.39	28.22
1860	2.63	4.43	.66	2.05	.13	.77	.15	10.88	1.28	.45	5.85	.44	29.62
1861	2.75	1.23	.61	1.95	7.89	1.19	.07	6.12	2.35	3.53	.00	1.00	28.69
1862	.19	1.63	1.24	4.12	4.63	.02	.72	3.32	2.08	3.01	.35	.87	22.18
1863	6.30	6.92	1.70	1.96	2.51	2.92	2.37	1.29	7.02	1.04	.10	.57	34.70
1864	.17	3.36	2.43	3.03	.99	5.16	.67	.98	1.34	2.75	2.41	1.87	25.16
1865	2.90	6.19	6.77	2.26	.17	5.73	.11	.00	8.57	3.37	1.22	.50	37.79
1866	.32	.93	3.64	5.30	5.21	1.86	4.34	7.51	4.82	.42	4.41	1.76	40.52
1867	.01	.72	1.02	1.86	1.79	3.30	2.02	3.27	6.41	2.08	2.98	1.80	27.26
1868	.36	3.48	4.55	3.63	2.33	.69	2.55	7.00	1.72	4.65	4.17	4.96	40.09
1869	5.06	.61	3.51	3.09	3.85	2.34	9.20	1.14	4.16	2.72	1.54	1.32	38.54
1870	.69	.59	2.21	2.72	7.58	2.73	2.55	4.30	1.96	12.54	3.48	1.14	42.49
1871	1.73	1.60	2.10	1.23	4.82	.46	.00	2.08	3.13	7.64	4.89	.44	30.12
1872	2.17	1.06	3.73	3.11	3.45	7.61	2.00	1.34	.00	1.64	2.17	4.97	33.25
1873	2.23	.45	3.34	1.82	4.55	8.41	4.48	2.20	10.54	2.23	2.70	.45	43.39
1874	.87	1.42	5.60	1.34	1.10	1.88	5.14	.75	12.78	.40	7.52	7.72	46.52
1875	.00	1.85	1.02	2.22	2.56	.44	1.30	2.75	4.00	.92	7.33	4.90	29.29
1876	2.04	1.46	5.60	.58	5.66	4.48	2.33	.56	2.69	2.46	2.83	1.87	32.56
1877	1.26	6.94	3.61	4.69	4.81	5.01	2.44	T	.55	5.76	2.35	4.36	41.78
1878	1.88	1.82	.66	3.19	3.58	4.09	.32	2.51	.18	.12	2.29	.92	21.56
1879	.55	1.10	1.25	5.43	.92	1.28	.50	.98	2.15	2.15	.25	1.78	18.34
1880	3.53	3.94	1.82	4.80	5.91	2.64	3.57	4.77	6.71	1.57	2.11	.75	42.12
1881	1.73	1.36	1.35	3.42	4.37	.00	2.19	2.05	1.99	3.14	2.42	1.32	25.34
1882	3.46	5.05	3.90	.53	9.86	.00	2.44	3.98	3.30	4.18	-	-	-
1883	-	-	-	1.15	.53	3.27	6.28	1.99	3.72	2.10	2.16	2.07	-
1884	2.63	3.87	4.45	7.78	-	1.46	.00	.04	1.76	2.63	3.40	1.68	-
1885	5.37	T	2.22	4.71	8.40	.63	1.68	1.66	8.97	2.82	1.17	2.69	40.32
1886	.97	2.18	.66	5.04	T	.92	3.24	6.01	12.33	.25	.64	.19	32.43
1887	.28	1.71	1.76	T	6.12	1.60	T	1.67	2.82	3.64	1.78	2.13	23.51
1888	1.17	7.22	2.49	6.57	5.87	4.63	.95	6.38	1.16	4.45	6.61	4.29	51.79
1889	8.03	5.02	.88	2.83	2.95	5.34	3.93	.47	6.12	.98	4.62	2.11	43.28
1890	2.44	4.54	.58	5.49	6.88	4.70	1.75	.34	4.48	3.12	1.25	.85	36.42
1891	5.65	.20	2.05	7.50	.70	3.60	.10	1.25	5.25	.25	1.52	9.00	37.07
1892	3.17	2.44	1.92	.10	2.95	4.37	1.60	6.45	.70	3.40	1.50	8.49	37.09
1893	.45	T	2.90	.20	4.35	1.85	.25	2.10	2.02	.00	4.90	.02	19.04
1894	1.45	.60	3.45	6.35	3.85	1.00	T	5.30	.70	1.30	.00	.00	24.00
1895	1.30	.80	.95	2.50	14.10	1.80	.00	1.10	2.80	2.90	3.10	2.05	33.40
1896	4.05	7.55	.40	6.50	1.31	.42	4.05	T	8.24	3.71	T	2.05	38.28
1897	5.50	.40	3.08	3.19	1.59	1.29	.30	1.17	3.74	7.92	.00	2.67	30.85
1898	1.51	1.70	2.60	3.80	2.50	5.04	3.20	3.91	.50	1.10	.71	1.55	28.12
1899	.80	.91	.00	2.40	3.70	3.80	4.20	.40	1.60	5.45	2.90	5.80	31.96
1900	4.30	.51	7.20	9.63	11.05	.60	5.40	2.90	3.60	5.50	1.70	1.60	53.99
1901	.20	1.80	1.60	1.90	4.13	1.11	2.50	1.80	1.60	1.80	1.00	.06	19.50
1902	.30	1.41	.90	3.31	3.30	.60	6.23	.00	5.61	.80	6.20	4.20	32.86
1903	1.50	9.41	1.87	1.27	1.91	2.73	12.65	.79	T	2.75	T	1.35	36.23
1904	.00	1.59	.13	6.08	11.37	3.37	2.57	3.71	3.81	4.01	.40	.87	37.91
1905	1.66	2.60	6.68	7.27	1.72	5.18	2.06	.92	.75	2.06	2.55	2.40	35.85
1906	.80	1.29	2.47	1.51	1.65	.78	1.88	2.53	2.37	.69	1.57	3.95	21.49
1907	.41	.22	1.68	1.74	6.46	2.20	2.43	.37	.97	3.67	7.99	1.93	30.07
1908	1.06	3.24	1.64	2.15	6.41	1.30	1.96	2.09	3.84	2.02	1.76	2.60	30.07
1909	.06	.57	.50	2.34	4.06	1.92	2.86	1.20	1.20	2.22	1.84	1.80	20.57
1910	.17	2.57	2.96	4.82	2.94	.73	.12	.07	1.18	2.72	1.17	5.20	24.65
1911	.15	2.65	1.70	5.06	2.74	.00	1.86	.22	.44	3.39	1.51	2.88	22.60
1912	.27	3.50	2.19	1.76	.84	2.82	.22	.31	.13	2.80	2.73	2.60	20.17
1913	1.26	3.25	.93	1.41	2.98	1.83	.01	2.03	5.68	8.92	4.56	16.14	49.00
1914	.27	1.40	2.00	8.15	12.59	.61	.21	7.75	.65	3.18	2.98	2.91	42.70
1915	2.01	2.18	2.68	19.82	1.34	.70	1.70	5.15	1.95	.46	.49	2.83	41.39
1916	3.93	.00	.15	4.57	7.85	.88	5.29	1.44	1.98	1.68	1.31	.18	29.26
1917	.55	.82	.31	2.62	3.63	2.26	.10	.16	2.19	.31	2.61	.02	15.58
1918	1.02	2.78	.70	4.36	1.84	1.80	.11	.58	1.93	3.93	4.06	4.81	27.92
1919	3.71	2.48	4.30	3.50	8.61	7.31	12.80	3.20	4.41	10.92	1.94	1.50	64.68
1920	5.59	.24	1.93	.38	6.47	6.47	2.64	5.21	1.61	3.88	2.94	1.32	38.68
1921	2.20	.82	2.84	10.43	2.70	8.22	1.09	T	20.78	1.09	.56	1.00	51.73
1922	4.32	2.71	3.77	8.67	8.16	2.78	1.24	.21	1.14	1.67	2.28	.37	37.32
1923	.47	6.75	4.18	3.81	1.59	.30	3.07	1.46	8.41	9.25	4.91	7.04	51.24
1924	1.76	4.48	2.69	4.40	6.93	5.27	.05	.44	5.85	.29	.05	1.25	33.46
1925	.77	.16	.04	1.49	2.95	.48	.75	.87	2.73	12.63	4.69	.63	28.19
1926	4.25	.15	7.23	6.73	3.10	1.21	3.06	2.04	1.37	3.09	2.94	4.16	39.33
1927	1.60	2.69	3.22	4.56	3.37	5.03	1.20	.69	2.32	6.38	.02	3.75	34.83
1928	.36	5.43	.29	2.14	2.70	3.02	1.75	1.02	4.36	.82	2.18	2.68	26.75
1929	1.85	.82	3.62	2.72	12.75	.97	2.45	.01	2.63	1.90	5.87	2.48	38.07

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Austin.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1930	2.02	1.70	2.09	.74	8.97	1.60	.24	1.71	3.01	8.07	1.74	3.85	35.74
1931	4.30	5.63	3.35	5.03	.58	2.63	2.74	1.85	.02	.15	1.09	4.24	31.61
1932	6.00	3.03	2.15	2.34	1.11	1.88	1.54	4.97	5.36	.10	1.26	2.72	32.46
1933	5.10	2.22	1.64	1.30	3.63	.41	7.16	.93	3.08	3.05	.68	1.24	30.44
1934	9.13	2.15	3.82	4.42	1.75	.20	.79	.46	1.07	.03	5.21	3.72	32.75
1935	1.61	3.86	1.02	1.79	9.21	9.71	1.44	.24	8.79	1.65	.85	2.84	43.01
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	.07	1.46	.66	5.56	2.05	2.23	3.69	2.16	8.11	5.14	1.98	1.53	34.64
1943	.80	.45	2.54	2.68	5.38	1.27	3.91	.92	3.31	.33	1.73	1.42	24.74
1944	5.40	3.89	1.83	.33	9.25	2.01	.32	4.47	4.66	.35	4.55	5.91	42.97
1945	2.83	3.94	4.98	4.11	1.76	5.69	1.61	5.78	2.76	3.00	1.47	2.94	40.87
1946	3.76	3.28	2.77	7.92	6.13	1.34	1.48	3.36	6.00	1.62	7.91	2.71	47.28
1947	3.62	.43	3.28	2.24	3.55	.11	2.18	2.12	.07	.02	2.07	1.89	21.58
1948	.92	2.71	1.35	1.68	4.48	1.25	2.29	.27	1.24	1.78	1.34	1.67	20.98
1949	3.97	2.35	2.24	6.91	.83	3.52	1.95	2.37	3.77	4.38	.01	4.04	36.34
1950	.74	3.79	.80	7.58	4.19	1.98	.73	.59	4.77	.59	.03	T	25.79
1951	.51	2.96	3.73	1.04	3.51	6.19	.19	2.07	6.45	.93	1.06	.34	28.98
1952	.25	1.73	2.25	5.08	4.06	1.88	.69	.00	3.26	T	5.36	3.15	27.71
1953	.63	1.32	1.73	4.69	1.88	1.59	.51	2.10	2.98	6.58	.38	5.29	29.68
Mean	2.15	2.42	2.40	3.68	4.18	2.54	2.20	2.17	3.72	2.93	2.44	2.61	33.48

Table 71. Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Del Rio.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1905	-	-	-	-	-	-	-	-	-	-	-	1.35	-
1906	.01	.80	.24	1.04	1.68	2.79	8.89	3.64	5.59	1.16	.79	.70	27.33
1907	.07	.03	.10	.09	3.22	1.00	3.19	.00	.09	6.09	4.02	.05	17.95
1908	.50	.60	.53	2.82	3.47	.64	2.45	3.54	.23	2.32	.69	.23	18.02
1909	.01	.32	2.18	.75	.74	.81	5.70	.31	3.16	.06	.40	1.14	15.58
1910	.03	.02	2.06	3.30	.55	.52	.18	.26	.72	1.01	.12	.29	9.06
1911	.15	2.29	1.59	2.85	.27	T	.54	1.14	.36	1.11	2.65	2.23	15.18
1912	T	.37	.58	1.17	.08	6.22	.10	.17	4.89	1.94	1.09	1.76	18.37
1913	.45	.50	.20	.51	.64	5.44	1.52	.89	1.59	3.78	4.54	1.72	21.78
1914	.11	.90	.62	1.88	8.91	3.98	6.17	3.71	.59	6.67	3.76	.45	37.75
1915	2.32	.31	1.09	3.39	1.16	.63	3.85	4.21	2.90	.01	.01	.14	20.02
1916	.60	.01	.78	.29	1.90	.08	2.03	2.64	2.11	.42	.21	.06	11.13
1917	.09	.11	.05	2.36	1.44	1.29	.37	.92	.99	.00	.00	.03	7.65
1918	.05	.05	.06	.58	5.10	2.08	.23	.28	1.23	5.24	.92	.69	16.51
1919	.58	.45	1.42	2.43	4.04	1.30	3.48	1.58	9.74	1.58	3.27	.28	30.15
1920	1.53	.02	.15	.02	2.26	1.91	1.38	4.71	3.79	2.47	.52	.06	18.82
1921	.18	5.78	1.92	1.31	1.05	3.25	1.73	.49	.12	.13	.36	T	16.32
1922	.15	.11	.48	4.61	1.23	4.67	2.84	.15	.78	1.30	.28	.04	16.64
1923	.84	1.60	2.47	1.62	.22	1.51	2.52	.49	2.27	4.49	4.13	.94	23.10
1924	.14	1.45	.55	1.11	1.33	.63	.48	.00	3.73	1.14	.01	.25	10.82
1925	.04	.00	.42	1.42	7.99	.10	2.32	1.62	2.45	1.72	.52	.71	19.31
1926	.85	.04	1.92	2.66	1.06	3.46	3.34	.23	.47	5.66	2.30	1.32	23.31
1927	.18	2.38	.51	1.36	.17	2.40	1.67	.38	.63	2.40	T	.37	12.45
1928	.71	.82	.35	.51	3.76	.71	1.38	2.35	7.06	.76	.38	.47	19.26
1929	.42	.18	.72	1.17	4.41	3.32	1.32	T	1.47	1.19	.08	2.01	16.29
1930	.09	.01	1.48	2.01	1.01	2.19	.94	.08	.04	11.69	2.19	.70	22.43
1931	4.12	1.04	.66	2.68	6.10	3.98	1.84	2.56	T	.01	.64	1.54	25.17
1932	.32	1.20	1.03	.17	4.69	.04	.92	5.89	9.95	.12	1.40	.68	26.41
1933	.40	.61	.10	.19	.29	1.28	.11	.49	1.35	1.43	.33	.41	6.99
1934	.67	.15	.59	1.17	1.77	.28	2.23	.10	3.75	1.83	.11	.61	13.26
1935	.36	.79	2.34	.67	4.89	13.71	2.77	.10	5.86	.91	.37	1.85	34.62
1936	.33	.01	.89	1.30	3.72	4.18	1.45	1.20	2.97	1.57	.55	.32	18.49
1937	.21	.18	.92	.18	.26	.44	.88	.03	.41	1.49	1.84	3.93	10.77
1938	1.38	.30	.35	1.10	.55	.60	2.78	.37	.36	.23	T	.89	8.91
1939	1.46	.14	.75	.52	1.59	1.27	.68	4.47	1.07	1.12	1.59	1.47	16.13
1940	.33	1.30	2.21	1.98	3.77	5.13	.08	5.62	.18	.79	.52	.38	22.29
1941	.61	1.13	1.89	1.81	1.21	.80	3.35	.95	4.90	7.21	.22	.25	24.33
1942	.30	.75	.01	.99	4.33	.70	.13	2.92	3.96	1.58	.83	.39	16.89
1943	.58	.05	.57	1.37	4.87	1.28	2.51	.00	2.47	1.55	1.72	1.58	18.55

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Del Rio.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1944	1.85	1.46	.45	1.05	3.27	2.55	.01	4.19	3.94	6.50	1.15	1.63	28.05
1945	1.14	.82	2.53	.29	.96	.40	.59	.57	.90	4.06	.06	.06	12.38
1946	1.84	.50	.17	3.33	2.83	4.90	.07	.27	1.56	1.02	.10	.66	17.25
1947	3.05	.32	1.05	.64	2.62	2.06	.41	3.58	1.34	.69	1.81	.64	18.42
1948	.08	.74	.11	.91	1.70	3.56	6.19	.39	2.15	1.56	.38	.15	17.25
1949	2.02	7.82	.35	4.65	.40	1.80	.37	3.29	5.58	1.88	T	2.31	30.00
1950	.16	.35	.07	.88	2.05	1.47	1.58	.60	3.50	T	.04	T	10.70
1951	T	.07	1.38	.33	2.15	.60	T	.02	1.73	2.09	.05	.42	8.80
1952	.18	.69	.69	1.23	3.12	.26	.08	.31	.04	1.00	.97	.56	9.13
1953	.57	.16	1.70	T	.20	.02	T	2.10	4.55	2.58	T	.40	12.28
Mean	.67	.83	.90	1.43	2.40	2.13	1.83	1.54	2.49	2.20	1.00	.82	18.28

Table 72 . Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Denison Dam.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	2.33	4.03	1.25	1.69	7.77	2.97	9.87	.09	.51	1.28	1.29	.40	33.40
1949	6.63	3.88	2.66	3.97	4.51	4.57	1.77	1.93	5.79	5.51	.23	2.47	43.92
1950	3.99	4.24	.18	2.37	7.31	1.48	8.44	6.16	2.77	.13	.05	.07	37.19
1951	2.11	3.89	1.22	1.88	2.76	9.30	2.12	.33	3.01	4.25	1.16	.66	32.66
1952	.45	1.66	3.19	7.36	2.99	.05	2.93	.83	.98	.07	5.31	2.29	28.11
1953	.58	2.36	3.42	5.96	2.61	1.17	5.32	1.98	1.88	3.56	3.05	1.69	33.58
Mean	2.68	3.34	1.99	3.87	4.66	3.26	5.08	1.89	2.49	2.47	1.85	1.26	34.08

Table 73 . Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Dilley.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1910	.18	.04	1.50	3.20	1.00	1.65	1.04	1.00	1.02	.00	.70	.99	12.30
1911	.75	1.85	2.65	3.25	.90	.00	.00	1.00	1.80	1.55	2.50	1.00	17.25
1912	.00	2.05	.85	2.40	1.65	4.57	.00	.00	.00	2.50	1.25	1.80	17.07
1913	.30	1.50	.80	1.75	.00	4.90	.50	.00	7.60	.00	2.00	3.65	23.00
1914	.00	1.15	.65	1.85	6.00	.00	.00	3.50	1.65	1.45	3.10	.85	20.20
1915	.65	.40	.65	2.25	4.25	.00	1.25	3.90	2.25	.75	.00	.00	16.30
1916	1.70	.00	.00	.53	2.25	.62	2.47	4.90	1.11	1.86	1.15	.32	16.90
1917	.00	T	.19	.00	.25	T	3.10	T	1.62	.00	.80	.00	5.90
1918	.10	.95	.45	1.96	3.52	.93	.12	.67	2.41	2.55	1.67	3.93	19.28
1919	3.02	1.71	2.24	3.78	2.89	7.01	3.75	2.05	5.43	5.24	1.12	.82	39.06
1920	1.72	.85	.75	1.10	6.22	5.33	4.44	2.59	.28	1.80	.83	.02	25.90
1921	.49	.23	3.23	.82	2.28	1.58	.32	T	3.69	1.35	.80	.00	14.70
1922	.60	.65	4.08	1.56	8.76	2.70	3.30	.78	2.17	3.52	.46	.17	28.75
1923	.30	6.84	2.92	1.07	.23	.76	1.75	2.22	5.83	3.40	3.67	3.28	32.27
1924	.45	-	2.65	1.30	4.19	.41	.32	.00	5.08	.47	.00	1.36	-
1925	.36	.00	2.91	T	.88	.08	1.14	2.37	4.94	1.52	1.73	1.34	17.27
1926	2.61	.46	4.15	3.55	1.76	.20	.33	.76	.49	1.39	1.10	2.12	18.92
1927	.89	.65	1.37	.26	1.15	5.81	.77	.02	2.65	1.73	.00	1.06	16.38
1928	.97	1.14	.17	2.24	4.73	1.62	1.05	2.16	4.62	.35	.40	1.82	21.21
1929	.71	.06	3.12	.44	8.95	.23	2.14	.10	.75	4.50	1.56	1.42	23.90
1930	.46	.40	3.43	5.42	3.71	4.07	1.10	.18	.59	3.54	2.63	.55	26.08
1931	4.60	1.54	.73	1.93	5.24	2.18	7.77	1.72	.56	.81	.34	.97	31.57
1932	1.44	3.67	.61	.70	2.59	.15	2.07	2.38	7.68	.39	3.04	T.27	25.90
1933	.58	3.94	.66	.06	1.08	1.41	2.05	1.68	1.66	.57	.25	.26	14.20
1934	3.91	.26	.87	4.33	1.62	.08	4.32	1.59	.59	1.98	3.32	2.73	25.60
1935	.12	1.90	1.18	1.22	3.41	7.32	1.27	.28	12.44	.80	.34	1.83	32.11
1936	.27	.22	.74	.95	6.71	4.81	1.56	1.75	1.78	1.66	1.99	.64	23.08
1937	.53	.20	.90	.44	1.61	1.20	2.62	.26	3.52	.95	.27	9.05	21.55
1938	1.93	.93	.57	3.44	3.32	.14	1.09	.95	.27	.35	.09	2.11	15.19
1939	.91	.49	.27	.00	2.64	2.62	3.69	1.05	1.27	2.24	1.86	.82	17.86
1940	.59	2.17	1.93	2.31	3.54	7.76	3.24	2.85	.26	1.56	1.35	1.52	29.08
1941	1.92	2.30	1.18	4.19	2.81	6.05	3.19	.82	2.01	.47	.38	1.64	26.96
1942	.62	1.81	.74	1.92	3.61	.79	5.42	3.41	6.19	3.22	.75	.67	29.15
1943	1.00	.14	1.11	.73	4.40	3.36	1.09	.20	2.35	1.09	2.32	1.43	19.22
1944	1.92	.58	2.41	2.08	4.96	2.25	.61	3.56	.43	.05	2.75	2.56	24.16
1945	.89	2.16	2.46	2.26	.02	3.08	.42	.42	1.67	3.45	1.80	.38	19.01
1946	2.14	.41	1.34	6.04	6.66	2.33	.12	7.37	1.92	3.24	.33	.71	32.61
1947	2.79	.09	.80	.84	2.29	6.99	1.18	2.73	.13	1.05	.56	.77	20.22

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Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Dilley.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	.21	2.37	.11	1.33	.88	4.52	2.80	.05	3.28	3.90	1.20	.18	20.83
1949	1.73	2.63	-	7.11	.52	7.57	2.14	6.07	.48	4.40	.00	3.36	-
1950	.24	.88	.09	1.64	4.56	2.78	3.81	.46	3.31	.03	T	.00	17.80
1951	.08	.97	2.31	.89	5.42	1.52	T	1.22	1.67	2.83	.59	.17	17.67
1952	.12	.81	2.24	1.43	2.15	1.78	.98	.00	1.73	.00	1.65	1.61	14.50
1953	.08	.94	.33	2.14	2.22	.50	.47	4.07	2.39	5.12	T	1.10	19.36
Mean	1.02	1.17	1.42	1.97	3.13	2.59	1.84	1.66	2.58	1.81	1.20	1.42	21.81

Table 74. Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Fort Stockton.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1859	-	-	-	-	-	-	-	-	-	1.88	.00	.00	-
1860	T	-	.03	1.45	1.10	.30	.00	2.54	1.25	.08	.25	.40	-
1870	.00	.00	.00	.00	1.00	1.20	1.90	8.96	3.30	.72	.28	1.22	18.58
1871	.08	.00	.10	.00	.98	.52	1.06	1.00	1.51	.32	.23	.08	5.88
1872	.19	.12	.08	.00	.40	1.70	4.68	.30	.22	.68	1.56	3.06	12.99
1873	.16	.00	.00	.00	.92	4.40	.22	1.04	.00	1.32	3.14	.00	11.20
1874	.74	.00	.83	.25	.05	3.11	.65	.15	3.36	1.00	.31	3.45	13.90
1875	.00	.07	.00	.31	4.19	.50	2.55	3.40	4.27	.00	.05	1.44	16.78
1876	1.00	.25	.00	.00	3.14	2.20	.94	2.37	.64	1.01	.50	.40	12.45
1877	.10	2.37	.20	.09	1.90	1.38	.56	.37	3.11	.88	.71	1.33	13.00
1878	.00	1.05	2.06	.83	.88	2.85	1.40	2.32	.38	.17	.22	.31	12.47
1879	.76	.18	.34	.08	.34	1.88	T	.74	.10	.70	T	T	5.12
1880	.14	.00	.15	.00	.85	1.82	7.27	6.86	13.66	.91	1.76	.34	33.76
1881	.20	.13	.06	.46	2.26	1.05	1.64	1.10	1.71	2.67	.07	1.30	12.65
1882	.68	1.21	.16	.12	.99	3.59	2.49	7.10	6.82	.87	1.31	.22	25.56
1883	.00	.54	1.77	.89	2.25	1.11	2.64	.85	14.68	.51	1.29	.86	27.39
1884	.21	.88	.12	.91	1.66	2.84	.52	2.75	5.84	6.25	.82	1.27	24.07
1885	.49	.91	7.78	.73	2.44	2.86	1.36	.61	1.22	1.12	.14	.36	20.02
1886	-	.22	.08	.18	.25	1.47	-	-	-	-	-	-	-
1894	-	-	-	-	-	-	-	-	4.15	1.10	.00	.27	-
1895	.81	.42	.20	.00	1.70	2.32	6.23	6.26	6.79	1.23	1.18	.56	27.70
1896	.11	.47	.00	T	.80	.82	3.82	1.18	4.34	4.27	.28	.24	16.33
1897	.45	.08	.20	.80	1.36	T	1.48	5.38	1.40	.08	.00	T	11.23
1898	T	.00	.00	.20	.22	2.62	1.50	1.25	.58	T	T	.92	7.29
1899	-	-	.00	2.16	.00	.68	-	.00	-	-	1.20	1.74	-
1900	1.54	.75	.78	1.18	2.23	1.75	1.76	2.65	3.27	2.50	1.17	.00	19.58
1901	.53	.70	.00	.08	.12	.97	1.50	.67	2.60	3.00	.00	.00	10.17
1902	-	-	-	-	-	-	3.43	.74	2.88	-	-	-	-
1903	2.18	.20	.04	.22	3.90	3.63	.15	.30	1.38	.00	.00	.00	12.00
1904	.00	T	.00	.51	4.66	2.79	.00	1.66	2.39	2.03	1.75	.18	15.97
1905	T	.73	3.91	.42	1.84	4.62	2.81	.75	2.10	.59	1.69	1.19	20.65
1906	.52	.25	T	1.73	1.02	-	3.87	5.85	1.27	-	-	-	-
1907	-	-	-	-	-	.61	1.61	.89	.85	5.48	1.73	.00	-
1908	.15	.00	.44	.78	1.03	.20	6.58	2.69	T	.10	.34	T	12.31
1909	T	.00	T	T	T	3.01	5.21	1.02	.18	T	.95	.90	11.27
1910	.24	.22	.17	.39	.52	1.02	.23	T	1.10	.15	T	.03	4.07
1911	.48	2.68	1.20	3.50	4.58	.49	1.32	1.42	1.05	T	.25	3.27	20.24
1912	.05	T	.10	.38	.12	.79	.62	1.89	1.51	1.17	1.98	1.70	10.31
1913	T	.75	.20	1.10	.73	2.90	T	.50	4.39	1.26	.93	.35	13.11
1914	.05	T	.35	.56	2.21	3.35	2.48	4.86	3.69	2.43	1.38	1.52	22.88
1915	.65	.49	1.36	3.24	.05	1.15	.81	1.22	4.15	T	.00	.80	13.92
1916	T	.05	.45	1.28	1.06	T	1.78	1.95	.35	.83	.20	T	7.95
1917	.20	.00	.15	.47	.37	T	.50	2.02	2.15	.00	T	.00	5.86
1918	.20	.25	.05	T	4.80	1.60	.95	1.61	1.11	.75	2.62	.60	14.54
1919	1.40	.40	.95	2.57	1.48	1.41	1.11	.81	10.34	3.52	.80	T	24.79
1920	2.50	.38	T	.37	.68	2.50	2.20	8.12	1.75	1.85	1.04	.00	21.39
1921	T	1.40	T	.10	.98	2.63	.58	1.72	2.74	.12	.05	T	10.32
1922	.22	.01	.07	2.81	1.35	2.51	.66	1.27	1.08	1.53	.60	T	12.11
1923	1.00	3.00	.67	3.15	.50	1.65	2.42	T	1.61	1.43	1.70	1.70	18.83
1924	.04	2.25	.05	.30	1.10	T	2.40	.10	2.60	.77	T	.21	9.82
1925	.05	.00	T	1.27	2.90	.55	3.15	2.94	3.10	6.37	T	.10	20.43
1926	.50	T	.77	1.59	3.49	1.00	1.05	3.20	1.80	2.25	.80	1.87	18.32
1927	.10	1.35	1.35	.55	T	.63	1.30	1.14	3.80	1.10	.00	.80	12.12
1928	.05	.35	.05	.40	2.50	1.30	3.45	5.32	3.31	.90	.97	.20	18.80
1929	.00	1.05	1.40	.42	1.89	2.60	.74	.67	5.05	2.03	.20	.25	16.30
1930	.02	.00	.30	.80	1.10	1.53	T	.55	.54	3.02	1.04	.10	9.00
1931	1.90	1.15	.55	4.75	.65	1.10	1.60	.85	.10	T	.77	2.55	15.97
1932	.37	2.80	.83	T	2.49	1.47	.77	3.64	9.35	.35	.90	1.64	24.61
1933	T	.28	.10	.12	3.70	.65	4.58	2.43	1.77	.80	.15	.05	14.63
1934	.30	T	.60	.40	.10	1.95	.15	2.35	T	.07	.60	.35	6.87

Continued on next page

Continued from preceding page

Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Fort Stockton.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1935	.45	1.00	.10	.36	2.13	.80	1.88	1.60	1.00	.15	.30	.35	10.12
1936	.35	T	.40	.35	2.87	.17	1.30	.30	4.51	.85	1.40	.25	12.75
1937	T	.25	.49	.70	4.42	.75	2.75	.90	1.50	2.05	1.40	2.55	17.76
1938	1.45	.40	.03	.60	.65	3.80	5.25	.16	.22	.83	T	.90	14.23
1939	3.10	.15	.25	.20	1.26	.20	1.87	1.60	.33	.50	1.61	.65	11.72
1940	.50	.70	1.20	.30	1.97	4.40	.42	2.34	.50	1.50	2.25	.18	16.26
1941	2.23	1.47	.95	2.10	3.08	6.01	1.55	3.05	3.90	3.85	T	1.10	29.23
1942	.10	.15	T	.32	1.15	.50	.42	3.98	.35	.72	.10	.90	8.69
1943	.15	.00	.70	.30	1.80	3.87	1.92	.62	1.75	1.08	.85	.79	13.83
1944	1.03	.20	.00	T	1.21	2.85	1.31	1.89	4.93	.15	.95	1.15	15.67
1945	.10	.05	2.20	.56	.40	.20	3.36	.10	1.52	5.91	T	T	14.40
1946	4.35	.02	.02	.48	.50	.81	1.11	1.63	3.88	2.36	.11	1.70	16.97
1947	1.25	.12	.90	.07	2.32	.60	.34	1.23	.07	.12	.89	1.20	9.11
1948	.49	.44	.06	.27	.95	1.42	.71	.07	.40	.40	.12	.97	6.30
1949	1.47	T	.07	4.50	1.80	1.23	2.01	2.09	1.03	1.56	.00	.85	16.61
1950	.56	.55	.00	1.02	1.80	1.43	1.84	.52	1.47	1.89	.00	T	11.08
1951	.02	-	1.43	.16	1.32	1.37	T	1.48	.72	.12	T	.13	-
1952	.72	.21	.00	1.22	3.60	1.41	1.14	.33	.34	.00	1.17	1.07	11.21
1953	T	.45	.48	.19	.09	.34	.41	.41	.43	1.32	.04	.45	4.43
Mean	.54	.51	.54	.78	1.56	1.68	1.79	1.98	2.55	1.33	.67	.82	14.75

Table 75 . Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Grandfalls.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1911	.75	2.54	1.28	2.80	1.23	.00	.76	.46	1.90	.00	.50	1.98	14.20
1912	.10	.00	.00	.40	.75	T	1.00	.35	.65	1.55	1.75	1.10	7.65
1913	.00	.40	.90	2.00	.08	1.54	T	T	4.33	1.37	1.50	T	12.12
1914	T	.00	T	1.20	1.29	5.10	.57	2.38	2.29	2.16	1.17	.68	16.84
1915	.40	.60	1.27	2.00	.40	1.40	1.06	.77	3.18	.00	.00	.57	11.65
1916	.00	.00	.68	1.15	.05	.22	.52	2.22	.21	1.40	T	.00	6.45
1917	T	.00	.00	.12	.03	.06	.50	.63	1.84	.00	.00	.00	3.18
1918	.22	.00	.00	.00	1.78	.80	.27	.71	1.05	.55	2.63	.40	8.41
1919	.00	.00	1.89	.97	1.20	1.30	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	--	-	-	-	-	-	-	-	-	-	-	-	-
1923	1.00	2.33	.00	1.33	.13	.72	.41	.58	1.98	1.90	1.40	1.04	12.86
1924	.00	1.10	.00	.30	1.95	.00	2.00	1.20	.35	.60	.00	-	-
1925	.10	.00	.00	.60	2.41	.45	2.50	.92	2.01	2.05	.00	T	11.04
1926	.27	.00	3.70	1.15	2.65	.70	.80	.95	.50	-	.00	1.82	-
1927	T	.70	1.35	.50	.00	.00	1.90	.00	5.55	.80	.00	.85	11.65
1928	.00	.00	.00	.53	4.35	1.55	2.05	11.65	2.70	1.00	.00	.00	23.83
1929	.00	1.40	-	.00	.65	2.62	.85	.60	3.10	2.37	.00	.30	-
1930	.85	.00	.40	3.00	.70	.80	.00	1.45	.30	1.05	.80	.22	9.57
1931	1.00	.90	.80	2.65	1.37	1.10	.52	.00	.40	.90	2.05	2.30	13.99
1932	.00	2.90	.70	.50	5.20	.00	.00	2.15	7.10	.40	.00	2.10	21.05
1933	.00	.50	.00	.00	.50	.00	.70	2.35	1.25	.85	.00	.00	6.15
1934	.00	.48	.00	1.09	.00	2.30	.00	.55	.00	.00	.00	.00	4.42
1935	.00	.80	.00	.25	1.65	1.56	1.10	1.00	2.30	2.60	.60	.40	12.26
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	.34	.20	2.39	3.91	1.58	.53	1.65	.31	2.86	1.32	.32	-
1941	1.03	.82	1.36	1.61	5.20	2.72	.20	1.55	6.37	5.80	.07	.75	27.48
1942	.24	.11	.05	.41	1.41	.31	.50	4.89	.98	.60	.32	1.42	11.24
1943	.21	.00	1.24	.00	3.02	-	2.72	.00	1.24	.69	.94	.89	-
1944	.92	1.43	.00	.00	.87	1.73	.89	3.02	3.07	2.05	1.19	1.22	16.39
1945	.35	.10	.35	.00	.10	.45	1.94	-	1.08	2.75	.00	.00	-
1946	3.12	.00	T	.66	.46	2.34	1.05	.74	.45	1.61	.07	1.94	12.44
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	.35	.37	T	.65	1.09	.13	1.11	-	-	-	-	-	-
1949	1.61	.07	.22	2.23	-	-	-	-	.98	1.23	.00	-	-
1950	.59	.48	.00	.25	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	1.20	.00	.40	-
Mean	.45	.57	.57	.98	1.53	1.02	.94	1.65	2.04	1.40	.56	.78	12.49

Table 76. Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Laredo.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1914	.02	.88	1.33	2.20	12.20	.53	.34	2.80	.31	4.18	4.79	.80	30.38
1915	3.57	.21	.75	2.16	4.15	.00	.00	4.76	2.14	4.50	.04	.23	22.51
1916	1.63	.00	.00	.34	.07	.15	3.80	4.74	3.71	3.58	.35	.00	18.37
1917	.20	.00	.09	.25	1.47	.00	.15	1.47	.97	.06	.00	.00	4.66
1918	.00	.70	.28	1.12	4.55	.84	.18	1.69	.53	2.30	1.44	.38	14.01
1919	1.12	2.55	1.33	2.69	2.96	4.87	10.29	.06	10.15	9.66	6.14	.76	52.58
1920	1.87	.11	.21	.05	2.15	1.49	.68	.79	1.20	1.65	.80	.01	11.01
1921	.16	T	1.08	.20	2.44	2.37	1.07	T	6.40	.12	.00	.00	13.84
1922	.10	.23	.15	.96	5.16	5.44	1.99	.40	2.24	1.56	.62	.01	18.86
1923	.38	5.80	2.19	.38	.38	1.16	.43	.90	8.65	2.13	2.49	3.12	28.01
1924	.59	1.14	.18	.08	3.20	1.03	.00	.00	2.34	.00	.00	2.10	10.66
1925	.27	.00	1.62	.11	1.07	1.03	.15	3.52	7.44	.84	1.91	3.35	21.31
1926	4.21	.00	2.05	1.73	4.14	1.24	3.59	.46	.04	2.90	1.34	2.36	24.06
1927	.68	.75	1.29	.92	1.10	3.39	.38	1.57	1.00	.69	.33	1.42	13.52
1928	2.36	2.42	.34	.55	9.61	.15	.95	.52	2.60	.85	2.93	2.36	25.64
1929	.23	.62	1.77	1.49	4.88	.98	.88	T	1.59	.85	1.25	1.62	16.16
1930	.37	.81	.74	1.90	3.46	2.31	.21	.14	3.51	6.74	3.65	.15	23.99
1931	4.72	1.09	1.21	.59	9.82	4.44	3.85	3.93	.76	.46	.24	3.32	32.43
1932	.82	.62	.91	1.86	3.02	.70	1.03	2.20	4.65	.10	T	.23	16.14
1933	.48	1.00	.31	1.46	.64	1.43	2.22	1.55	4.38	1.71	.70	.10	15.98
1934	3.16	.44	.38	3.48	.91	.00	2.89	.36	2.58	.50	.98	.96	16.64
1935	.09	1.65	1.87	2.40	3.64	5.36	2.32	.26	4.35	.88	2.08	3.37	28.27
1936	.03	.10	.78	2.00	8.07	2.57	2.03	1.51	6.42	1.01	.09	.59	25.20
1937	.48	.18	.33	.02	.54	.49	.65	.41	2.22	.17	.21	3.85	9.55
1938	1.65	.38	.39	.79	2.70	.87	.88	2.44	.89	.04	.00	2.40	13.43
1939	.85	.20	-	.30	3.47	1.88	1.48	1.91	2.76	2.69	.76	.53	-
1940	.60	.22	2.09	.06	4.96	5.10	.68	1.64	.21	5.44	1.79	2.65	25.44
1941	1.61	1.36	1.52	3.22	2.63	6.47	.22	.59	4.11	.14	.43	.75	23.05
1942	.38	1.02	.45	.47	4.48	.09	7.13	1.68	6.91	4.00	.01	1.04	27.66
1943	-	.06	.79	.24	1.01	.98	2.31	.13	5.83	1.02	.29	2.78	-
1944	.69	.49	1.85	.79	2.02	.98	.08	4.49	1.81	T	1.91	1.09	16.20
1945	.69	1.78	.52	3.32	T	1.15	2.09	.35	.61	2.62	.02	.25	13.40
1946	.86	.01	.03	1.60	4.80	3.44	.88	2.53	3.65	3.59	.12	.66	22.90
1947	1.34	T	.04	7.91	1.38	3.38	.28	4.67	.03	2.04	1.74	.80	23.61
1948	.05	1.46	.89	1.27	1.23	.84	.66	.15	4.25	2.35	1.03	.01	14.19
1949	.92	1.43	.34	7.66	.49	4.21	.05	.24	1.86	1.61	.00	1.27	20.08
1950	.01	.36	.68	.55	4.07	1.13	.53	.42	.85	T	2.03	T	10.63
1951	.08	.26	1.02	.27	1.88	1.87	.19	.43	8.62	.44	.37	.05	15.48
1952	.10	.35	.40	.13	2.90	4.50	.12	.00	.53	T	.92	.59	10.54
1953	.03	.86	.45	.51	1.30	.66	.35	7.14	2.96	1.84	T	.56	16.66
Mean	.96	.79	.84	1.45	3.22	1.99	1.36	1.57	3.15	1.88	1.10	1.16	19.47

Table 77. Monthly and Annual Rainfall in Inches at the Weather Bureau Station near Red Bluff Dam.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1939	-	-	-	-	-	-	-	-	-	-	.14	.38	-
1940	.17	.19	.00	.03	1.88	3.20	.13	1.55	.00	1.80	.13	.10	9.18
1941	.60	.92	.67	2.26	9.71	1.93	.29	.28	5.57	3.10	.10	.20	25.63
1942	.03	.06	T	.59	.60	.03	1.34	.42	1.94	.76	-	2.31	-
1943	-	.00	.18	.03	1.03	2.85	1.60	.00	3.38	.61	.18	-	-
1944	.57	.44	.00	.00	.04	2.16	1.35	3.22	4.52	.03	1.71	.55	14.59
1945	.38	.32	.28	.50	2.31	1.70	1.25	1.36	2.20	1.35	.38	.59	12.62
1946	1.79	T	.00	.66	.26	1.24	1.23	1.19	1.64	2.41	.13	.75	11.32
1947	.63	.00	.79	.31	1.47	.20	.17	-	.00	.00	.42	.26	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	.06	.44	.00	.48	.51	.25	1.97	.40	.09	.00	.48	.13	4.81
1953	T	.08	.26	.27	.05	.09	1.70	1.07	.00	2.50	T	.11	6.13
Mean	.47	.24	.22	.51	1.79	1.36	1.10	.95	1.63	1.26	.37	.54	10.44

Table 78 . Mean Monthly and Annual Meteorological Data for Stations from which Evaporation Records are available.

	LENGTH OF RECORD YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
DRYDEN														
Evaporation - 12-foot sunken pan	3	3.59	3.63	7.20	9.43	10.50	11.71	12.46	11.75	8.92	6.03	4.95	3.82	93.7
Evaporation - Y Pan (Inches)	3	3.51	3.87	8.06	8.44	9.90	10.61	12.81	11.79	8.45	6.22	5.31	4.34	93.7
Evaporation - W.B. Pan (Inches)	8	4.02	5.63	10.27	12.52	14.09	15.72	16.23	15.47	11.83	7.46	5.91	4.75	123.1
Rainfall (Inches)	17	.70	.42	.42	.85	2.29	1.10	1.33	1.60	1.88	1.21	.39	.51	12.0
Mean Temperature (Deg F)	5	45	53	60	68	77	82	84	82	77	70	56	50	61.0
Mean Relative Humidity (Percent)	5	53	54	40	44	53	50	48	48	52	56	46	51	51.0
Wind Movement (Miles)	5	3,410	3,220	4,247	4,320	4,898	4,740	4,154	3,565	3,090	2,976	2,880	2,759	44,280
FALCON DAM														
Evaporation - Y Pan (Inches)	2	5.24	6.21	10.31	9.10	11.64	13.49	15.11	13.02	9.67	7.53	6.58	5.17	113.0
Rainfall (Inches)	2	.04	.00	1.02	1.18	2.74	2.54	.14	.52	4.12	1.15	.06	.14	13.0
Wind Movement (Miles)	2	3,193	3,976	4,309	4,680	5,518	6,060	5,952	4,464	4,020	2,821	3,300	2,666	50,000
FORT McINTOSH														
Evaporation - 12-foot sunken pan	2	3.88	3.80	6.98	7.23	8.70	9.78	12.56	11.06	7.73	6.40	4.51	3.59	86.0
Evaporation - Y Pan (Inches)	2	4.59	4.13	7.22	8.48	8.95	11.15	14.21	12.56	9.12	7.79	5.05	4.31	97.0
Evaporation - W.B. Pan (Inches)	2	5.45	5.75	8.89	10.66	12.83	13.89	17.56	15.69	11.59	8.39	5.54	4.95	121.0
Rainfall (Inches)	77	.86	.90	.88	1.48	2.63	2.19	1.59	2.00	2.98	1.54	1.10	1.06	19.0
Mean Temperature (Deg F)	2	-	63	68	76	82	85	88	88	84	78	66	59	74.0
Mean Relative Humidity (Percent)	2	-	59	50	53	58	56	51	52	56	55	54	52	54.0
Wind Movement (Miles)	2	2,449	2,884	3,720	3,450	3,720	3,660	3,565	3,193	2,880	2,294	2,370	2,077	36,200
JOHNSON'S RANCH														
Evaporation - Y Pan (Inches)	3	4.27	5.36	9.14	19.38	13.47	14.71	13.71	14.78	11.76	9.44	5.79	4.80	128.0
Rainfall (Inches)	17	.58	.15	.19	.54	1.00	1.19	1.40	.76	1.56	.68	.26	.38	8.0
Mean Temperature (Deg F)	7	52	59	67	76	84	89	89	89	84	75	62	56	74.0
MARAVILLAS														
Evaporation - Y Pan (Inches)	3	4.55	4.24	7.58	10.32	10.13	12.21	11.19	12.02	9.52	7.93	5.74	4.37	99.0
Rainfall (Inches)	3	.18	.10	.43	.77	1.28	2.28	1.46	2.66	1.25	.70	.00	.24	11.0
PRESIDIO														
Evaporation - Y Pan (Inches)	3	4.12	4.78	8.95	10.85	13.14	13.88	12.65	14.58	10.98	8.95	5.53	4.09	112.0
Rainfall (Inches)	25	.46	.19	.16	.37	.83	.95	1.42	1.19	1.50	.98	.45	.46	8.0

Table 79 . Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Dryden. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1944	-	-	-	-	-	-	-	-	-	6.65	4.32	3.30	-
1945	4.06	4.93	10.41	12.31	15.66	17.72	11.67	16.87	12.03	5.03	5.25	4.98	120.92
1946	4.40	6.72	12.11	13.52	10.49	12.76	17.76	17.84	10.81	6.43	5.81	4.43	123.08
1947	3.67	6.24	7.85	11.78	13.64	15.30	18.01	13.40	11.95	9.87	5.05	3.43	120.19
1948	3.84	5.14	11.02	14.69	17.23	19.19	16.59	16.93	11.76	6.71	6.93	5.47	135.50
1949	2.06	-	9.28	10.19	11.75	15.03	15.18	11.20	11.01	6.28	6.10	4.32	-
1950	3.60	4.89	11.42	11.23	14.39	15.82	14.93	13.50	11.49	8.91	7.97	6.31	124.46
1951	6.51	5.85	9.78	13.91	15.45	14.21	19.50	18.53	13.79	9.83	5.87	5.78	139.01
Mean	4.02	5.63	10.27	12.52	14.09	15.72	16.23	15.47	11.83	7.46	5.91	4.75	123.90

Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Dryden. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	-	-	-	-	-	-	-	-	7.09	3.90	4.49	3.58	-
1950	2.03	3.34	8.81	7.27	10.02	11.98	11.67	10.27	7.85	6.99	6.33	4.89	91.45
1951	4.98	4.40	7.32	9.61	9.78	9.24	13.95	13.32	10.40	7.78	5.10	4.56	100.44
Mean	3.51	3.87	8.06	8.44	9.90	10.61	12.81	11.79	8.45	6.22	5.31	4.34	93.31

Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Dryden. 12-foot sunken pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	-	-	-	-	-	-	-	-	-	4.49	4.47	3.23	-
1950	2.48	3.76	7.29	8.99	11.21	13.16	11.66	10.37	8.10	6.67	5.66	4.07	93.42
1951	4.70	3.51	7.12	9.88	9.79	10.25	13.25	13.12	9.75	6.94	4.73	4.17	97.21
Mean	3.59	3.63	7.20	9.43	10.50	11.71	12.46	11.75	8.92	6.03	4.95	3.82	93.99

Table 80 . Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Falcon Dam. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1950	-	-	-	8.94	12.14	13.41	15.91	14.03	10.98	8.24	7.83	5.74	-
1951	5.24	6.21	10.31	9.26	11.14	13.58	14.31	12.00	8.36	6.82	5.32	4.60	107.15
Mean	5.24	6.21	10.31	9.10	11.64	13.49	15.11	13.02	9.67	7.53	6.58	5.17	113.07

Table 81 . Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Fort McIntosh and Laredo Water Works Plant. W.B. Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1950	-	5.31	8.25	9.90	13.30	13.69	17.16	16.48	10.85	9.34	5.98	4.45	-
1951	5.45	6.18	9.54	11.41	12.36	14.09	17.95	14.89	12.32	7.44	5.10	5.44	122.17
Mean	5.45	5.75	8.89	10.66	12.83	13.89	17.56	15.69	11.59	8.39	5.54	4.95	121.19

Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Fort McIntosh and Laredo Water Works Plant. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1950	-	3.78	6.52	8.21	8.92	10.90	13.83	13.04	8.97	8.01	5.66	4.01	-
1951	4.59	4.48	7.93	8.75	8.98	11.40	14.59	12.08	9.26	7.57	4.44	4.62	98.69
Mean	4.59	4.13	7.22	8.48	8.95	11.15	14.21	12.56	9.12	7.79	5.05	4.31	97.56

Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Fort McIntosh and Laredo Water Works Plant. 12-foot sunken pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1950	-	3.62	6.58	6.94	8.89	9.85	12.30	11.63	7.13	6.99	4.74	3.41	-
1951	3.88	3.97	7.38	7.52	8.52	9.72	12.82	10.49	8.52	5.80	4.27	3.78	86.67
Mean	3.88	3.80	6.98	7.23	8.70	9.78	12.56	11.06	7.73	6.40	4.51	3.59	86.22

Table 82. Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Johnson's Ranch. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	-	-	-	-	-	-	-	-	-	8.66	5.18	4.54	-
1950	3.53	5.47	9.52	11.36	13.17	14.05	13.31	13.77	10.38	9.36	6.12	4.56	114.60
1951	5.00	5.26	8.76	11.41	13.78	15.36	14.12	15.79	13.13	10.30	6.08	5.30	124.29
Mean	4.27	5.36	9.14	11.38	13.47	14.71	13.71	14.78	11.76	9.44	5.79	4.80	118.61

Table 83. Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Maravillas. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	-	-	-	-	-	-	-	-	-	-	4.92	4.22	-
1950	3.79	4.58	8.01	9.78	10.47	13.02	11.38	10.68	7.99	7.94	6.03	4.97	98.64
1951	5.31	3.90	7.16	10.86	9.79	11.40	11.00	13.35	11.04	7.92	6.28	3.92	101.93
Mean	4.55	4.24	7.58	10.32	10.13	12.21	11.19	12.02	9.52	7.93	5.74	4.37	99.80

Table 84. Monthly and Annual Evaporation in Inches at the International Boundary and Water Commission Station near Presidio. Y Pan

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	-	-	-	-	-	-	-	-	-	-	5.13	4.06	-
1950	3.56	4.93	9.46	10.91	12.62	12.58	11.20	13.26	9.33	8.43	5.79	3.46	105.53
1951	4.68	4.62	8.45	10.79	13.65	15.18	14.10	15.90	12.63	9.48	5.67	4.75	119.90
Mean	4.12	4.78	8.95	10.85	13.14	13.88	12.65	14.58	10.98	8.95	5.53	4.09	112.50

Table 85 . Monthly and Annual Rainfall in Inches at the International Boundary and Water Commission Station near Dryden.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1931	2.16	1.43	.99	2.81	4.58	1.58	.17	2.33	.00	.01	1.21	1.46	18.73
1932	.18	.76	.13	.35	3.09	.30	1.78	4.84	10.82	.43	.01	1.01	23.70
1933	.04	.04	.45	1.25	.33	.51	2.23	2.04	.00	2.63	.13	.00	9.65
1934	.39	.07	.22	.62	1.10	.74	.33	.12	.52	.00	.08	.39	4.58
1935	.11	.68	.04	.66	2.90	1.47	.54	1.64	4.65	.67	.27	.59	14.22
1936	.09	.00	.76	.76	3.12	.27	3.74	.76	3.52	1.16	.77	.18	15.13
1937	.43	.54	.48	1.03	2.24	.80	1.26	1.71	3.02	.81	.41	.90	13.63
1938	1.63	.16	.02	T	.57	1.77	3.30	1.80	.07	.01	.03	.19	9.55
1939	1.50	.06	.06	.44	2.71	.17	1.85	2.82	.25	2.77	2.34	.37	15.34
1940	.35	1.06	.32	.13	5.86	1.45	.09	1.42	.03	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	1.10	.33	-
1945	.76	.64	1.70	.09	.04	.97	4.30	.29	.83	3.87	T	.10	13.59
1946	.77	.02	.19	2.99	2.65	.42	.20	1.63	.41	2.06	T	1.00	12.34
1947	1.49	.03	.59	T	3.10	1.53	.32	1.41	.40	.10	.27	.35	9.59
1948	.18	.82	.00	.19	.25	.20	.51	.52	.21	1.45	.08	.39	4.80
1949	1.53	-	.06	3.31	2.21	3.30	1.08	2.22	3.78	3.18	.00	1.12	-
1950	.34	.27	.00	.59	.92	.47	.97	.27	3.19	.00	.00	.00	7.02
1951	.00	.12	1.16	.46	3.25	2.73	T	1.32	.21	.13	.00	.32	9.70
Mean	.70	.42	.42	.85	2.29	1.10	1.33	1.60	1.88	1.21	.39	.51	12.70

Table 86 . Monthly and Annual Rainfall in Inches at the International Boundary and Water Commission Station near Falcon Dam.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1950	-	-	-	1.76	3.51	1.35	.18	.10	.83	.00	.00	.00	-
1951	.04	.00	1.02	.60	1.96	3.72	.10	.93	7.42	1.15	.06	.14	17.14
Mean	.04	.00	1.02	1.18	2.74	2.54	.14	.52	4.12	1.15	.06	.14	13.65

Table 87 . Monthly and Annual Rainfall in Inches at the International Boundary and Water Commission Station near Fort McIntosh and Laredo Water Works Plant.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1871	.00	.00	.00	.00	1.40	.80	.00	3.20	4.50	.00	.00	.00	9.90
1872	.00	1.65	.56	1.30	1.78	5.00	.00	2.22	.34	.40	1.37	3.75	18.37
1873	.03	.10	.64	1.25	.25	6.32	1.25	2.81	3.54	.71	.42	1.42	18.74
1874	.08	.21	.81	.08	1.50	4.16	2.75	.10	9.73	.00	.66	1.74	21.82
1875	.48	-	-	.30	1.50	.40	.62	-	-	-	-	2.10	-
1876	T	1.89	.00	.12	-	-	-	-	3.46	2.80	.88	3.93	-
1877	1.36	7.54	.85	1.07	.67	2.09	1.76	.10	.59	.52	.45	4.39	21.39
1878	.93	1.45	3.55	1.20	3.45	2.49	5.83	4.30	1.30	T	2.22	.77	27.49
1879	.35	.94	1.96	.04	.67	2.45	.00	12.59	2.18	.27	.00	.06	21.51
1880	.77	2.67	3.82	1.20	.92	.09	5.81	8.03	1.05	.72	1.07	.58	26.73
1881	3.15	.31	.27	2.53	7.75	.00	.12	2.02	3.75	5.49	1.74	1.01	28.14
1882	1.74	.86	T	1.80	1.59	2.57	.91	7.41	.99	3.75	.28	.96	22.86
1886	.30	.79	1.26	1.50	.95	4.64	1.51	2.76	4.40	.00	T	.00	18.11
1887	.00	.64	.56	.10	3.02	3.90	1.00	2.68	3.72	.15	3.12	3.82	22.71
1888	1.38	.93	1.11	5.78	1.50	1.11	.21	3.87	4.42	.37	.51	.45	21.64
1889	1.98	2.20	2.30	2.46	.97	1.85	4.21	.08	7.36	2.10	.50	.00	26.01
1890	.90	.05	.20	3.06	5.80	2.48	2.09	.10	.33	.18	.35	.20	15.71
1891	1.61	.00	2.00	8.30	1.57	.61	2.31	2.10	.89	.61	.18	.33	20.54
1892	.71	1.41	.74	.00	1.65	.00	3.11	7.48	2.10	1.25	1.30	1.30	21.05
1893	1.00	.00	.00	.00	3.15	1.20	.70	2.00	.40	.00	.20	.00	8.65
1894	.72	.20	.00	2.20	5.25	1.30	1.10	4.19	2.61	.00	.00	.00	17.57
1895	T	.94	.60	T	2.72	1.65	.00	2.34	.86	2.00	.86	.00	11.97
1896	.58	2.06	.10	1.06	1.11	.75	4.07	.69	5.52	3.02	.76	1.52	21.24
1897	1.10	.00	2.06	.15	3.48	.56	.80	7.22	2.10	.10	.00	1.30	18.87
1898	.00	1.56	.55	1.15	1.85	2.83	.15	1.56	1.25	1.45	.92	.54	13.81
1899	.00	.00	.30	3.72	1.97	7.67	.61	.00	1.88	2.71	1.61	.28	20.75
1900	2.61	T	2.85	4.76	6.32	.43	1.15	2.52	.05	2.94	.00	1.80	25.43
1901	.75	.57	T	.72	.27	.40	.00	.00	1.13	.00	.47	.00	4.31
1902	1.40	.40	.00	.88	.18	.10	.25	.00	.09	2.32	1.90	1.84	9.36
1903	3.42	1.43	2.44	.00	2.17	8.56	8.59	.75	8.02	1.00	.00	T	36.38
1904	.05	.50	.05	2.66	.96	1.90	1.21	.65	6.55	1.05	2.35	.70	18.63

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Monthly and Annual Rainfall in Inches at the International Boundary and Water Commission Station near Fort McIntish and Laredo Water Works Plant.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1905	.50	1.60	1.04	7.35	2.58	1.82	.70	.00	4.83	.69	5.01	1.89	28.01
1906	.16	1.65	.38	.85	4.05	.45	7.37	3.30	2.58	.86	2.25	.20	24.17
1907	.60	.00	.30	.64	3.12	.07	3.67	.23	1.79	1.05	2.20	.70	14.77
1908	.10	.43	1.76	5.00	5.00	.00	2.43	1.46	1.98	1.56	1.65	.55	21.47
1909	.00	1.12	1.21	1.07	2.08	2.75	1.61	3.27	.00	.42	.54	1.26	15.50
1910	.45	.03	1.02	1.12	1.18	.30	.25	1.75	1.47	2.30	.10	1.00	10.91
1911	.18	1.55	2.27	1.72	2.00	.00	.71	.52	.00	3.07	4.85	.52	17.33
1912	.00	.00	.39	1.42	.85	7.42	.00	.00	1.20	2.12	.14	1.46	15.00
1913	.47	1.18	.97	.06	2.16	7.76	.00	1.32	5.93	5.68	1.28	.82	27.61
1914	.00	1.12	.00	2.43	10.18	.59	.11	2.61	.90	3.71	3.95	.70	26.33
1915	3.60	.27	.62	1.82	2.65	.00	.00	5.42	2.31	4.10	.00	.00	20.73
1916	1.16	.00	.00	.30	.05	.05	2.38	2.75	2.65	3.20	1.10	.10	13.74
1917	.05	.00	.15	.32	1.55	.00	.00	4.59	.54	.10	.00	.00	7.33
1918	.02	.42	.33	1.36	2.90	1.35	.10	1.15	.69	2.59	1.81	.38	13.11
1919	.60	2.02	1.50	2.30	2.50	4.87	10.29	.10	10.07	6.81	6.50	.78	48.04
1920	1.82	.08	.24	.05	2.25	1.52	1.18	2.90	2.13	1.05	.82	.02	14.00
1921	.13	.09	.76	.35	3.33	1.90	1.56	.00	2.28	.13	.05	.32	10.91
1922	.13	.32	.17	2.04	4.77	4.64	2.40	1.20	1.81	2.17	.55	.20	20.41
1923	.35	5.50	2.30	.30	.45	1.47	.40	T	12.94	1.80	1.89	2.11	29.51
1924	.96	1.49	.17	.00	3.15	.84	T	.00	1.73	.03	.00	.69	9.00
1925	.08	.00	.07	.02	.95	.20	.01	2.46	7.85	.62	2.72	2.10	17.00
1926	2.04	.00	1.60	1.82	3.81	1.22	3.54	.85	T	3.51	.47	1.97	20.81
1927	.61	.59	.97	.58	1.12	3.34	.05	.95	.98	.69	.43	1.05	11.33
1928	2.09	2.27	.35	.50	9.38	.00	.91	.22	2.93	.87	2.47	2.44	24.41
1929	.12	.28	1.53	1.41	4.87	1.51	.87	.00	2.22	.49	1.20	1.15	15.61
1930	.27	1.00	.61	2.02	3.89	2.58	.40	.10	3.14	6.67	3.46	.12	24.21
1931	4.44	.97	1.17	.41	8.45	2.34	3.70	3.89	.67	.73	.19	2.85	29.81
1932	1.01	.76	.85	2.32	3.93	1.40	.07	.58	3.53	.14	.09	.36	15.00
1933	.23	1.00	.42	.92	1.05	.55	1.48	3.23	7.44	1.52	.41	.12	18.33
1934	3.36	.33	.25	3.28	.20	.95	3.12	.46	2.47	.13	1.64	.85	17.00
1935	.21	1.73	2.23	1.01	2.29	7.44	2.36	.67	4.40	.39	1.90	2.85	27.41
1936	.13	.27	.96	1.71	6.01	2.33	2.29	2.15	5.33	.89	.11	.72	22.91
1937	.48	.22	.50	.04	.58	.76	1.18	.51	1.53	.26	.23	3.73	10.00
1938	1.79	.36	.47	.65	2.18	.58	.51	1.68	1.69	.15	.00	2.00	12.00
1939	.75	.14	.09	.11	3.60	1.86	2.47	2.12	2.98	2.53	.75	.72	18.11
1940	.53	.32	2.71	.11	4.32	4.90	.12	1.50	.10	5.59	1.91	2.69	24.81
1941	1.65	1.70	1.63	2.52	2.56	5.61	.26	.91	4.33	.23	.38	.63	22.41
1942	.36	.83	.41	.41	3.99	.22	5.47	2.32	7.53	1.10	.01	.19	22.81
1943	1.38	.27	.55	.26	1.17	.69	1.62	.04	3.81	.95	.30	1.05	12.00
1944	.93	1.54	1.71	.30	1.92	1.28	.00	3.95	1.30	T	1.74	2.71	17.33
1945	.85	1.79	.15	1.81	T	2.11	2.09	.26	.57	3.04	.01	.18	12.81
1946	.77	.02	.03	1.41	3.07	3.73	.12	2.42	6.00	2.85	.08	.41	20.91
1947	1.62	.00	T	1.53	1.46	1.44	.98	3.60	.00	3.82	2.22	.56	17.21
1948	1.24	1.30	1.54	2.62	1.54	5.60	.58	.82	2.59	.35	.25	.72	19.11
1949	.44	.87	.47	7.12	.24	4.22	.27	.09	3.69	1.66	.00	2.27	21.31
1950	-	.38	.74	.64	4.75	2.07	.33	1.42	.76	.00	.85	.00	-
1951	.04	.25	.91	.30	2.36	3.89	.00	.20	6.18	.29	.34	.06	14.81
Mean	.86	.90	.88	1.48	2.63	2.19	1.59	2.00	2.98	1.54	1.10	1.06	19.21

Table 88 Monthly and Annual Rainfall in Inches at the International Boundary and Water Commission Station near Johnson Ranch.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1933	-	-	-	-	-	-	.87	.71	.42	1.29	.00	.00	-
1934	.00	.00	.00	.20	.60	.00	.69	.25	.30	.40	.00	.00	2.41
1935	.40	.50	.00	.50	.00	1.65	1.20	.53	3.49	.51	.02	.64	9.41
1936	.13	.00	.48	.11	1.54	.14	2.28	.33	3.10	.00	.00	.00	8.11
1937	.00	.16	.00	.00	3.35	2.21	.84	.83	.75	.28	.39	2.10	7.41
1938	.78	.45	.00	.50	.00	1.28	4.52	.00	1.28	.00	.00	.00	8.81
1939	1.50	.00	.40	1.20	1.60	.75	.62	1.50	.00	1.75	1.25	1.54	12.11
1940	.80	.30	.60	.00	1.22	.90	.79	2.90	.00	.97	.55	.00	9.01
1941	.88	.37	.07	2.58	1.87	3.06	.77	.47	2.06	.49	.25	.15	13.01
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	.00	2.34	.00	1.53	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	.84	.19	.20	2.09	.38	1.40	1.00	.00	.06	-
1946	.95	.00	.00	.72	.89	1.08	.37	.08	4.04	2.57	.00	.45	11.11

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Monthly and Annual Rainfall in Inches at the International Boundary and Water Commission Station near Johnson's Ranch.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1947	1.28	.17	.04	.00	.53	.14	.34	2.38	1.51	.22	.08	.38	7.07
1948	.09	T	.00	.21	1.16	.14	.84	.04	.71	1.09	.10	.05	4.43
1949	.81	.18	T	1.27	.22	4.21	1.59	1.90	2.87	.76	.00	.62	14.43
1950	.50	T	.00	.02	.88	1.87	1.56	.42	1.92	.00	.00	.00	7.17
1951	T	T	1.06	T	.96	.23	2.99	.20	.31	.17	.00	.04	5.96
Mean	.58	.15	.19	.54	1.00	1.19	1.40	.76	1.56	.68	.26	.38	8.69

Table 89 . Monthly and Annual Rainfall in Inches at the International Boundary and Water Commission Station near Maravillas.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	-	-	-	-	-	-	-	-	-	1.78	.00	.49	-
1950	.35	.05	T	1.34	.75	2.07	2.25	2.95	2.15	.00	.00	.00	11.91
1951	T	.14	.86	.20	1.80	2.49	.66	2.37	.35	.33	T	.22	9.42
Mean	.18	.10	.43	.77	1.28	2.28	1.46	2.66	1.25	.70	.00	.24	11.35

Table 90 . Monthly and Annual Rainfall in Inches at the International Boundary and Water Commission Station near Presidio.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1928	.22	.15	.01	T	.31	.03	1.71	.30	1.88	.64	1.15	.00	6.40
1929	.00	.19	.05	.53	1.33	.73	1.35	.62	1.83	1.65	T	.16	8.44
1930	.16	.24	.01	T	.67	.23	1.81	1.03	.00	3.95	1.11	.61	9.82
1931	2.38	.92	.60	1.71	.16	.98	.80	.96	.03	.28	.02	1.11	9.95
1932	.23	.61	.00	.09	.30	.07	1.33	2.77	3.85	.09	.00	.12	9.46
1933	T	T	.00	.00	.00	.83	.11	.65	.11	.32	.09	.00	2.11
1934	T	.00	.01	2.44	.56	.10	1.50	1.04	.00	.00	.00	T	5.65
1935	.43	.53	.40	.00	.13	1.25	.12	.21	1.65	.98	.20	.51	6.41
1936	.00	.00	1.02	.00	1.41	.26	1.55	.97	2.96	.00	.82	.04	9.03
1937	.00	.18	.00	.00	.49	.49	1.40	.50	1.21	1.08	.89	1.36	7.60
1938	.41	.33	.00	.34	.21	2.05	2.76	1.03	2.82	.08	.00	.80	10.83
1939	.85	.00	.26	.48	.57	1.43	.76	4.32	.12	.35	1.84	.60	11.58
1940	.43	.34	.27	.00	4.97	1.13	.71	1.62	.74	1.33	.52	.05	12.11
1941	.82	.57	.05	1.40	5.37	2.37	2.85	1.93	3.79	3.63	.07	.58	23.42
1942	.00	.09	.02	.08	.07	1.74	.35	3.14	2.40	.29	.32	.16	8.66
1943	.24	.00	.17	.03	.99	1.05	3.08	.21	3.15	.02	1.68	1.53	12.15
1944	1.00	.18	.08	.00	1.01	2.97	1.20	3.03	3.66	.01	.70	1.00	14.84
1945	.10	.00	.06	.08	.07	.00	3.76	.78	.66	4.31	.00	.00	9.82
1946	1.42	.01	.00	.11	.69	.42	.10	.14	1.29	2.05	.07	.25	6.55
1947	1.07	.04	.26	.00	.66	2.55	.00	.93	1.47	.37	.24	1.35	8.94
1948	.07	.00	.00	.18	.00	.73	2.08	.56	.59	1.47	.65	.12	6.45
1949	1.05	.00	.00	1.13	.06	.24	1.41	2.37	.20	.94	.43	.06	7.87
1950	.17	.18	.00	.08	.11	.57	2.33	.29	3.10	.57	.00	-	-
1951	.15	.04	.65	.00	.30	.74	1.08	.31	.01	T	.00	.22	3.50
1952	.30	.12	.07	.62	.23	.78	-	.04	.00	.00	.57	.46	-
Mean	.46	.19	.16	.37	.83	.95	1.42	1.19	1.50	.98	.45	.46	8.96