

U. S. DEPARTMENT OF COMMERCE

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WEATHER BUREAU

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TECHNICAL PAPER No. 13

Mean Monthly and Annual Evaporation  
From Free Water Surface  
for the United States, Alaska, Hawaii,  
and West Indies

Prepared by

HYDROLOGIC BRANCH

Division of Climatological and Hydrologic Services



WASHINGTON

July 1950

U. S. DEPARTMENT OF COMMERCE

WATER RESOURCES DIVISION

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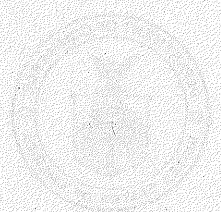
WASHINGTON, D. C.

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Mean Monthly and Annual Precipitation  
from Five Water Gauges  
for the United States, Alaska, Hawaii  
and West Indies

Compiled by  
STANLEY H. HARRIS

Division of Hydrological Engineering



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# Mean Monthly and Annual Evaporation From Free Water Surface for the United States, Alaska, Hawaii, and West Indies

## INTRODUCTION

This compilation of evaporation averages in the United States and its possessions is based on records obtained by the Weather Bureau from its evaporation stations and those of the various cooperating agencies furnishing their records to the Bureau.

The cooperating agencies consist of numerous Federal, State, and private agencies, and no attempt is made in this publication to identify these cooperators. Any inquiries pertinent to the information contained herein may be referred to "Chief, U.S. Weather Bureau, Washington 25, D.C.", or to the various Section Centers of the Bureau in the respective states or sections. Daily evaporation amounts, wind movement, air temperature, precipitation, and in a few cases, pan water temperature, for the stations listed herein, in general are published in Climatological Data for the respective states or sections.

Only mean monthly and annual evaporation based on records of five years or more prior to January 1, 1949, are reproduced in this compilation. The com-

pilation is divided into two parts based on the type and exposure of the pan used to record evaporation.

Part I contains records from those stations equipped with what is commonly known as the Weather Bureau Class A land pan. This type of pan is 4 feet in diameter and 10 inches deep, and the water is maintained within 2 or 3 inches of the top. The pan is placed on spaced timbers so that its bottom is about 6 inches above the ground, in order that air may circulate beneath the pan.

Part II includes stations which have evaporation pans other than the type described above. The size and exposure of the pans are indicated in each case by footnotes. Many of the stations in this group are equipped with the Bureau of Plant Industry type pan. This pan is in general a six-foot diameter pan, 24 inches in depth, and buried in the soil to a depth of 20 inches, with water maintained in the pan to about the ground level. These stations are identified as "BPI stations" in the respective footnotes.



**MEAN MONTHLY AND ANNUAL EVAPORATION (INCHES)**  
**PART I**  
**CLASS A STATIONS**

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN- UAL	YRS. R'CD.	RECORD BEGAN	USED ENDED
<b>ALABAMA</b>																
Auburn.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/47	-
Fairhope.....	1.98	2.36	3.64	4.91	6.12	6.20	5.88	5.61	4.53	3.68	2.37	1.62	48.90	14	8/34	12/48
Silverhill.....	2.56	2.94	4.39	5.58	6.12	6.79	6.32	6.23	5.81	3.95	2.76	2.25	55.70	13	3/18	12/30
<b>ALASKA</b>																
College (A).....	-	-	-	-	-	4.52	4.41	2.63	1.26	-	-	-	-	B	5/29	8/47
Matanuska.....	-	-	-	-	-	4.38	4.24	3.02	1.90	-	-	-	-	B	8/29	7/47
<b>ARIZONA</b>																
Bartlett Dam.....	4.09	4.50	7.10	10.43	14.55	17.03	17.23	14.50	12.70	9.25	6.06	4.19	121.63	8	6/40	12/48
Davis Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/48	-
Lees Ferry.....	1.67	2.81	6.01	8.48	11.70	13.74	13.72	11.59	9.24	6.13	3.07	1.74	89.90	16	10/21	7/37
Mesa.....	2.83	3.49	5.67	7.54	10.18	11.30	11.23	9.37	7.45	5.39	3.54	2.55	80.54	32	11/16	12/48
Pierce Ferry.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10/48	-
Roosevelt.....	1.83	2.66	4.90	7.16	10.42	12.25	12.28	10.26	8.10	5.33	2.87	1.81	79.87	33	1/16	12/48
Sacaton.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/47	-
Safford.....	1.99	3.35	5.32	7.68	9.84	10.90	9.82	8.27	6.47	4.40	2.78	1.89	72.71	6	10/40	2/47
San Carlos Reservoir.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/48	-
Sierra Ancha.....	1.96	2.36	4.27	6.86	9.14	10.83	10.36	8.68	7.73	5.65	3.34	2.21	73.39	13	2/36	12/48
Tucson.....	2.32	3.09	5.80	8.49	11.22	12.73	11.72	9.38	8.01	5.77	3.33	1.09	82.95	20	1/29	12/48
Willcox.....	3.30	4.64	7.15	9.83	10.50	11.14	9.72	8.12	7.32	5.96	4.58	3.27	85.53	19	1/17	12/35
Yuma (Citrus).....	3.99	4.98	8.02	10.45	13.67	14.86	16.22	14.30	11.46	8.26	5.36	3.84	115.41	28	10/20	12/48
Yuma Valley.....	3.49	4.34	6.77	8.66	10.38	11.08	11.72	10.74	8.47	6.12	3.99	3.14	88.90	C22	1/17	6/40
<b>ARKANSAS</b>																
Bethesda.....	-	-	-	-	6.64	7.39	8.61	7.89	6.35	4.55	-	-	-	7	5/42	10/48
Hope.....	2.34	2.66	4.38	5.54	6.41	7.10	8.05	7.63	5.97	4.68	2.67	1.97	59.48	12	2/37	12/48
Nimrod Dam.....	-	-	-	-	5.96	7.16	7.87	7.18	5.52	4.24	2.50	-	-	5	10/43	11/48
Norfolk Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/47	-
Russellville.....	1.79	2.14	3.86	5.08	6.03	6.79	7.83	7.43	5.55	4.06	2.05	1.27	53.88	D11	1/37	12/48
Stuttgart.....	1.27	1.76	3.42	4.75	5.91	7.10	7.42	7.06	5.18	3.68	2.08	1.22	50.85	19	6/29	12/48
<b>CALIFORNIA</b>																
Alvarado.....	1.42	2.22	3.77	4.98	6.76	7.40	7.76	6.76	5.37	3.73	2.07	1.42	53.66	18	8/24	4/42
Bachus Ranch (Mojave).....	3.04	3.71	6.14	9.42	13.51	16.49	18.79	17.80	12.75	7.62	4.38	2.92	116.57	12	6/36	12/48
Beaumont.....	4.33	3.59	5.10	5.80	8.74	10.45	13.77	12.26	10.00	7.14	5.78	4.06	91.02	9	8/39	12/48
Boca.....	-	-	-	-	6.98	8.28	10.56	9.48	7.00	4.04	-	-	-	8	8/40	10/48
Camp Pardee (E).....	0.74	1.10	2.24	3.53	6.89	9.26	11.52	10.01	7.53	3.70	1.29	0.74	58.55	9	5/40	12/48
Chula Vista.....	2.82	3.24	4.90	5.79	6.78	6.98	7.54	7.16	5.97	4.74	3.66	2.79	62.37	30	9/18	12/48
Davis.....	1.29	1.82	3.64	5.51	8.20	9.69	10.75	9.69	8.00	5.00	2.43	1.20	67.22	15	6/33	12/48
Fall River Mills.....	0.76	1.28	3.01	4.84	7.35	9.02	12.08	10.82	7.09	3.79	1.24	0.78	62.06	23	8/25	10/48
Friant.....	1.25	1.95	3.68	5.67	10.28	13.77	15.84	13.76	9.84	5.72	2.60	1.25	85.61	10	5/39	12/48
Lakeshore (Redding).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/46	-
Lodi.....	1.02	1.84	3.59	5.78	8.87	10.69	11.90	10.32	7.74	4.44	2.00	1.00	69.19	18	12/30	12/48
Newark.....	1.36	1.90	3.42	5.05	7.19	8.27	8.75	7.73	6.60	4.32	2.35	1.26	58.20	7	5/42	12/48
Oakdale.....	1.21	1.76	3.30	5.26	9.43	12.46	14.64	12.77	8.95	5.18	2.51	1.16	78.63	31	3/18	12/48
Salt Springs.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/48	-
Shasta Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/45	-
Tahoe.....	-	-	-	F3.07	3.81	4.31	5.49	5.72	4.18	2.50	G2.56	-	-	32	7/16	10/48
Turntable Creek.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/47	-

A University of Alaska Experiment Station - near Fairbanks    E Valley Springs  
B Fragmentary    F 9 year average  
C No data Dec. 1929 - July 1931, inclusive    G 7 year average  
D No data Aug. 1947 - November 1948, inclusive

PART I  
CLASS A STATIONS (CONTINUED)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN- UAL	YRS. R'CD.	RECORD BEGAN	USED ENDED
<b>COLORADO</b>																
Conejos Dam.....	-	-	-	-	8.85	8.99	6.92	6.93	7.00	4.88	-	-	-	9	6/40	10/48
Grand Junction.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9/47	-
Green Mountain Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/48	-
John Martin Dam.....	-	-	-	7.09	9.19	10.72	12.23	11.21	8.87	5.22	-	-	-	7	4/42	11/48
Montrose #1.....	1.21	1.48	3.03	5.07	7.16	8.93	9.53	7.28	6.20	3.50	1.62	1.26	56.27	8	1/41	12/48
Pueblo.....	-	2.97	5.19	7.06	8.44	10.62	11.51	9.89	8.14	5.56	3.22	2.82	-	7	3/42	12/48
San Luis Lakes.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/46	-
Sugar Loaf Reservoir.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/47	-
Vallecito Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9/47	-
Wagon Wheel Gap.....	-	-	-	-	-	8.59	7.25	5.78	5.47	A3.17	-	-	-	9	5/40	10/48
<b>FLORIDA</b>																
Belle Glade.....	3.22	4.05	5.79	6.64	7.25	6.28	6.32	6.36	5.33	5.03	3.77	3.01	63.05	9	3/40	12/48
Hialeah.....	3.45	4.36	6.07	7.17	7.68	6.91	6.64	6.78	5.72	5.14	4.03	3.29	67.24	8	1/41	12/48
Loxahatchee.....	3.50	4.18	5.75	7.05	7.52	6.85	6.18	6.71	6.09	5.28	3.96	3.14	66.21	8	1/41	12/48
Orlando.....	2.88	3.78	5.35	6.56	8.00	6.87	6.83	6.06	5.14	4.82	3.43	2.67	62.39	7	9/39	12/46
Tamiami Trail (40 Mile Bend)....	3.47	4.26	5.94	6.82	7.25	6.69	6.38	6.45	5.84	5.31	4.02	3.08	65.51	8	2/41	12/48
W. Palm Beach.....	3.42	3.73	4.99	6.11	6.54	6.20	6.88	6.37	5.18	4.87	3.60	2.98	60.87	6	1/32	5/38
<b>GEORGIA</b>																
Ailey.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/47	-
Athens.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/46	-
Experiment.....	B2.08	B2.54	C4.39	5.81	7.34	7.76	7.03	6.28	5.42	4.21	2.58	1.95	57.39	12	10/36	11/48
Hoggards Mill.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/46	-
Rome.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/46	-
Tifton.....	B2.39	B2.81	B4.75	C6.02	7.54	7.03	6.51	5.99	4.92	4.05	2.68	1.94	56.63	11	5/37	11/48
<b>HAWAII</b>																
Hoaeae.....	3.56	3.85	4.73	5.44	5.99	6.37	7.00	7.00	5.88	5.28	3.88	3.57	62.55	D19	8/19	11/38
Maunawili Ranch.....	3.10	3.13	3.91	3.75	4.11	4.08	4.37	4.36	3.87	3.57	3.15	2.99	44.39	10	2/20	9/30
Pahala.....	4.59	4.54	5.01	5.41	5.59	5.90	6.43	6.33	5.49	5.04	4.52	4.60	63.45	14	12/30	5/45
Waianae.....	4.12	4.36	6.03	6.62	7.37	7.71	8.25	8.01	7.04	5.91	4.66	4.06	74.14	8	5/39	12/47
<b>IDAHO</b>																
Aberdeen.....	-	-	-	4.92	6.96	7.41	8.86	7.84	5.13	3.10	-	-	-	14	5/35	9/48
Arrowrock Dam (Boise).....	-	-	-	E3.70	6.39	7.26	10.64	9.47	5.80	F2.41	-	-	-	33	7/16	9/48
Blackfoot Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8/48	-
Deer Flat.....	-	-	-	-	-	6.91	7.95	6.86	4.97	-	-	-	-	9	7/16	8/25
Jerome.....	-	-	-	4.43	7.10	7.99	8.71	6.86	4.27	2.06	-	-	-	9	4/19	9/27
Lifton.....	-	-	-	4.02	6.52	7.61	9.27	8.43	5.76	2.98	-	-	-	14	5/35	10/48
Milner Dam.....	-	-	-	4.85	6.82	8.11	9.47	8.59	5.72	3.05	G1.50	-	-	19	4/27	7/45
Minidoka Dam (Rupert).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/47	-
Moscow.....	-	-	-	3.08	4.20	5.23	7.74	6.11	3.43	-	-	-	-	10	6/39	9/48
Palisades.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/47	-
<b>ILLINOIS</b>																
Carbondale.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/47	-
Springfield.....	-	-	-	5.19	5.90	6.98	8.39	7.22	5.67	3.72	1.97	-	-	8	5/41	10/48
Urbana.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/47	-

A 5 year average  
 B 9 year average  
 C 8 year average  
 D No data January - June, inclusive, 1935  
 E 11 year average  
 F 14 year average  
 G 6 year average



PART I  
CLASS A STATIONS (CONTINUED)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN- UAL	YRS. R'CD.	RECORD BEGAN	USED ENDED
<b>INDIANA</b>																
Evansville.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/46	-
Kendallville.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/47	-
Indianapolis (A).....	-	-	-	3.92	4.92	5.70	6.70	5.94	4.27	2.30	-	-	-	12	6/37	10/48
Valparaiso.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/47	-
<b>IOWA</b>																
Ames.....	-	-	-	4.90	6.57	7.80	9.25	7.55	5.59	3.62	-	-	-	16	4/33	10/48
Cherokee.....	-	-	-	4.49	6.17	6.87	8.19	6.89	5.20	3.45	-	-	-	11	8/37	10/48
Iowa City.....	-	-	-	4.92	5.71	6.54	7.80	6.31	5.02	3.32	-	-	-	12	6/37	10/48
Norwich (B).....	-	-	-	5.59	6.68	8.01	9.14	7.83	6.39	4.45	-	-	-	11	4/38	9/48
<b>KANSAS</b>																
Fall River Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/47	-
Hays.....	-	-	-	7.99	9.63	12.04	15.08	13.47	11.13	7.35	-	-	-	11	5/38	10/48
Manhattan.....	-	-	-	6.40	7.45	8.94	10.42	9.11	7.47	4.52	-	-	-	16	5/25 4/38	9/29 10/48
Tribune.....	-	-	-	7.04	9.13	11.05	12.85	11.38	8.56	6.14	-	-	-	32	9/16	9/48
Wichita.....	-	-	-	6.19	6.99	8.90	10.01	10.35	7.75	5.42	-	-	-	9	9/18	6/27
<b>KENTUCKY</b>																
Burgin Dix Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8/47	-
Eadsville (Lock 21).....	-	-	3.25	3.84	4.98	5.86	5.99	4.90	3.64	2.51	1.59	-	-	10	5/37	11/46
Wolf Creek Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9/47	-
<b>LOUISIANA</b>																
Hackberry.....	3.53	3.64	4.78	6.32	8.09	7.82	8.62	8.04	7.02	5.98	3.78	2.89	70.51	10	4/39	12/48
<b>MARYLAND</b>																
Beltsville.....	-	-	-	-	6.16	6.46	7.14	6.19	4.74	3.29	2.13	-	-	8	5/41	11/48
<b>MICHIGAN</b>																
Germfask.....	-	-	-	-	4.62	5.80	6.63	5.19	3.05	1.96	-	-	-	9	7/39	9/48
<b>MINNESOTA</b>																
Centerville Lake (St. Paul).....	-	-	-	-	6.39	6.82	7.02	6.02	4.13	2.39	-	-	-	8	8/19	10/27
<b>MISSISSIPPI</b>																
Sardis Dam (Sardis).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/48	-
State College.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11/48	-
Vicksburg.....	1.67	2.10	3.79	4.96	5.95	6.60	7.13	6.68	5.06	3.91	2.34	1.42	51.61	7	5/39	6/46
<b>MISSOURI</b>																
Columbia #1.....	-	-	-	4.22	5.09	6.12	7.17	6.05	3.98	2.69	D1.74	-	-	12	4/16	10/27
Columbia (Univ. of Missouri) (E).....	-	-	-	4.42	5.15	6.53	7.70	6.54	4.77	3.09	D1.75	-	-	20	5/16 6/36 6/44	10/26 9/39 10/48
Lakeside.....	F1.35	D1.76	3.52	5.38	6.35	7.22	8.71	7.53	5.55	3.93	2.33	1.32	55.06	G14	11/31	11/48
St. Louis (H).....	-	-	2.74	4.10	4.93	5.82	6.84	5.83	4.51	2.91	1.53	-	-	10	6/38	11/48
<b>MONTANA</b>																
Bozeman.....	-	-	-	3.38	5.50	5.93	7.88	7.31	4.51	2.54	-	-	-	18	7/16 5/35	10/20 9/48
Fort Peck.....	-	-	-	-	7.60	7.78	10.33	9.09	5.83	J3.27	-	-	-	14	5/35	9/48
Hungry Horse Dam (Columbia Falls).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/48	-
Lonesome Lake (Big Sandy).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/48	-
Malta.....	-	-	-	-	7.29	6.95	9.04	7.63	4.71	2.94	-	-	-	23	5/26	9/48

A Oaklandon Geist Reservoir  
 B Also known as Clarinda and Shenandoah  
 C 10 year average  
 D 8 year average  
 E Formerly Columbia #2  
 F 6 year average  
 G No data May 1943 - March 1946, inclusive  
 H Washington University  
 J 7 year average



PART I  
CLASS A STATIONS (CONTINUED)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN- UAL	YRS. R' CD.	RECORD BEGAN	USED ENDED
MONTANA (CONTINUED)																
Sherburne Lake.....	-	-	-	-	6.24	5.89	8.34	7.18	4.83	-	-	-	-	14	5/35	8/48
Tiber Lake.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/48	-
Valier.....	-	-	-	-	7.01	6.67	8.49	8.09	5.98	A3.08	-	-	-	19	7/16 5/35	10/20 9/48
Yellowtail Dam (Hardin).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/48	-
NEBRASKA																
Bridgeport.....	-	-	-	5.00	6.45	7.49	8.93	7.87	5.47	3.38	-	-	-	18	5/31	10/48
Kingsley Dam.....	-	-	-	-	7.63	8.83	11.02	10.01	7.11	4.57	-	-	-	10	8/38	10/48
Lincoln (Univ. Farm).....	-	-	-	5.73	7.00	8.58	10.54	8.78	6.94	4.63	-	-	-	32	4/17	10/48
Rosemont.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/45	-
Valentine.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/48	-
NEVADA																
Boulder City.....	3.57	4.28	7.58	11.69	15.12	17.42	17.23	15.24	12.05	7.97	4.87	3.30	120.32	13	8/35	12/48
Clay City.....	4.47	4.45	-	11.48	16.10	19.30	21.42	19.04	14.11	9.19	6.12	-	-	B	9/26	11/36
Lamoille.....	-	-	-	C4.83	6.29	7.45	9.78	8.92	6.40	3.83	-	-	-	D28	7/16	8/47
Rye Patch Dam.....	-	-	-	-	9.37	10.52	15.22	13.38	9.31	5.01	-	-	-	8	7/40	9/48
NEW HAMPSHIRE																
Massabesic Lake (Manchester)....	-	-	-	-	4.29	5.33	6.31	5.08	3.68	2.45	-	-	-	7	5/42	11/48
NEW JERSEY																
Canoe Brook.....	-	-	-	-	4.56	4.54	5.11	4.18	2.98	1.89	-	-	-	18	4/31	11/48
Pleasantville.....	-	-	-	4.20	5.72	6.07	6.44	5.64	4.12	2.57	2.00	-	-	12	4/37	11/48
Runyon.....	-	-	-	-	5.09	5.21	5.64	5.07	4.12	2.62	E1.71	-	-	14	5/35	11/48
NEW MEXICO																
Agri. College.....	2.98	4.44	7.62	9.88	11.87	12.87	11.87	10.24	8.20	6.16	3.87	2.66	92.66	30	10/18	12/48
Alamogordo Dam.....	3.02	4.44	8.04	10.40	12.70	14.17	13.49	11.89	9.96	7.02	4.50	3.44	103.07	10	1/39	12/48
Blakely Ranch (F).....	-	-	5.19	8.87	9.46	9.86	8.72	7.42	6.45	4.90	3.48	-	-	6	3/29	9/34
Bosque Del Apache.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8/47	-
Caballo Dam.....	3.19	5.35	8.86	12.44	15.64	16.96	13.90	12.16	10.34	7.32	4.97	3.07	114.26	7	3/42	12/48
Conchas Dam.....	E3.11	E4.42	7.57	9.81	11.55	13.42	12.85	11.80	9.65	6.95	4.26	2.98	98.29	12	11/36	10/48
Eagle Nest.....	-	-	-	-	7.14	8.53	7.52	6.84	5.37	4.38	-	-	-	14	8/34	10/48
Elephant Butte.....	2.98	4.61	8.07	11.03	13.88	15.20	13.02	10.78	9.30	7.44	4.49	3.03	103.83	33	4/16	12/48
El Vado Dam.....	-	-	-	-	8.42	10.08	9.35	7.86	6.48	4.38	-	-	-	13	7/36	10/48
Florida.....	-	4.34	6.74	9.45	12.44	14.06	12.24	9.52	8.33	6.13	4.38	3.34	-	G8	10/38	12/48
Jornada (H).....	2.52	4.19	7.28	10.22	13.06	14.43	12.69	10.68	8.56	6.11	3.67	2.32	95.73	10	9/38	12/48
Lake McMillan.....	3.10	4.52	9.04	10.96	12.64	14.49	13.64	12.79	9.75	6.69	5.06	3.31	105.99	9	1/40	9/48
Las Vegas Exper. Plot.....	-	-	-	-	9.52	9.86	8.22	7.69	-	-	-	-	-	5	4/40	10/44
Navajo Exper. Station.....	-	-	-	8.52	12.59	13.57	12.74	10.63	7.64	6.42	-	-	-	7	8/36	6/43
Portales.....	2.77	3.66	7.38	9.09	10.69	12.57	12.14	11.55	8.36	6.15	4.36	2.97	91.69	15	4/34	12/48
Roswell.....	2.69	3.59	6.05	7.92	9.94	10.41	9.32	8.23	6.40	4.93	3.73	2.74	75.95	9	2/40	12/48
Santa Fe Field.....	1.49	2.13	3.95	6.24	8.65	10.30	8.92	7.66	6.39	4.56	2.44	1.39	64.12	17	6/16	10/33
Santa Fe (Nat'l. Park Service)...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/48	-
NEW YORK																
Alcove Dam.....	-	-	-	-	4.49	4.83	5.91	4.65	3.57	2.09	-	-	-	7	5/42	10/48
Ithaca.....	-	-	-	-	4.29	5.16	5.87	4.94	3.35	2.14	-	-	-	J29	8/18	10/48
New York (Central Park).....	-	-	-	-	5.04	5.73	6.88	5.73	-	3.14	-	-	-	5	4/44	11/48

A 6 year average  
 B Fragmentary  
 C 7 year average  
 D Records fragmentary, 1917-1921, inclusive  
 E 5 year average  
 F Cimarron  
 G Short period of record due to fragmentary reports, 1939-1945, inclusive  
 H Experimental Range  
 J No data for 1931

PART I  
CLASS A STATIONS (CONTINUED)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN- UAL	YRS. R'CD.	RECORD BEGAN	USED ENDED
NEW YORK (CONTINUED)																
Pulaski.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/48	-
Voorheesville.....	-	-	-	-	5.05	5.57	6.16	5.20	3.52	2.30	-	-	-	24	8/17	10/41
NORTH CAROLINA																
Bee Tree Dam (A).....	1.10	1.45	2.75	4.24	5.54	5.67	5.30	4.98	3.94	3.07	2.01	1.15	41.20	14	4/35	12/48
Chapel Hill.....	B1.27	C1.64	3.08	4.05	4.85	5.55	5.49	4.86	3.93	2.60	1.55	C1.20	40.07	28	4/21	12/48
Coweeta (Exper. Forest).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/47	-
Hoffman Forest (Maysville).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/46	-
Murphy.....	1.03	1.49	3.00	4.32	5.54	5.88	5.74	5.07	4.10	2.89	1.64	0.90	41.60	14	12/34	12/48
OHIO																
Charles Mill Dam.....	-	-	-	3.71	4.90	6.04	6.63	6.07	4.51	2.84	-	-	-	10	4/39	10/48
Chesapeake (Huntington AP).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/47	-
Columbus (Ohio State U.).....	-	-	-	3.32	4.45	5.12	5.71	4.80	3.52	2.10	-	-	-	31	6/18	10/48
Dayton.....	-	-	-	3.90	5.37	6.42	6.82	5.95	4.34	2.47	-	-	-	12	4/37	10/48
Senecaville Dam.....	-	-	-	4.26	5.49	6.25	6.55	5.84	4.58	2.86	-	-	-	10	4/39	10/48
Wooster.....	-	-	-	D3.33	4.47	5.43	6.20	5.36	3.78	2.14	-	-	-	E30	7/16	10/48
OKLAHOMA																
Altus Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8/47	-
Canton Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/47	-
Fort Gibson Dam (Muskogee).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10/46	-
Fort Supply Dam (Woodward).....	-	-	-	-	9.52	11.15	11.69	11.12	8.90	5.96	-	-	-	8	7/40	10/48
Grand River Dam.....	-	-	4.43	6.34	7.21	8.39	9.55	8.98	6.78	4.24	2.75	2.02	-	8	4/41	12/48
Great Salt Plains Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/46	-
Hulah Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10/46	-
Norman.....	-	-	5.13	5.44	6.60	7.54	8.91	8.39	6.70	4.66	2.42	-	-	11	5/37	9/48
Stillwater.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/48	-
Tipton.....	-	-	5.69	7.39	9.60	11.26	12.60	11.84	9.46	6.14	3.13	-	-	10	7/38	12/48
Wister Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/47	-
OREGON																
Corvallis.....	-	-	-	3.04	4.37	5.09	6.93	6.15	3.91	-	-	-	-	30	10/17	9/48
Cottage Grove Dam.....	-	-	-	-	-	5.55	8.22	6.79	4.79	-	-	-	-	5	8/43	8/48
Fern Ridge Dam.....	-	-	-	-	5.37	5.86	8.58	7.26	5.16	-	-	-	-	5	8/43	9/48
Fish Lake.....	-	-	-	-	-	5.77	7.17	6.65	4.05	-	-	-	-	F11	6/23	10/36
Malheur Br. Exp. Station.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/48	-
Medford.....	-	1.12	2.40	3.86	5.63	6.76	8.82	7.43	4.72	1.97	0.67	0.51	-	11	9/37	11/48
Odell Lake.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/45	-
Warm Springs Reservoir.....	-	-	-	5.23	7.96	9.07	12.46	10.87	6.71	G3.61	-	-	-	22	5/27	10/48
Wickiup Dam.....	-	-	-	-	5.77	6.50	9.13	7.24	5.33	2.49	-	-	-	8	5/41	9/48
PENNSYLVANIA																
Confluence.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/46	-
Ford City.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/46	-
Hawley (Wallenpaupack Dam).....	-	-	-	-	5.50	5.86	6.53	5.65	4.05	G2.49	-	-	-	H13	6/34	9/48
Jamestown (Pymatuning Dam).....	-	-	-	-	4.13	5.04	5.82	4.69	3.36	-	-	-	-	7	5/42	9/48
Neffs Mills.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/48	-
Shaver Creek.....	-	-	-	-	5.12	4.89	5.56	4.81	3.78	-	-	-	-	6	8/41	9/47
PUERTO RICO																
San Juan.....	5.61	5.90	7.85	7.95	7.55	7.42	8.13	7.91	6.49	5.96	5.29	5.72	81.78	32	6/16	3/48

A Swannanoa                    E No data for 1930, 1943 and 1944  
 B 16 year average            F No data Sept. 1927 - June 1931, inclusive  
 C 20 year average            G 5 year average  
 D 8 year average              H No data for 1938 and June 1940 to October 1940, inclusive



PART I  
CLASS A STATIONS (CONTINUED)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN-UAL	YRS. R'CD.	RECORD BEGAN	USED ENDED
SOUTH CAROLINA																
Clemson (College).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/47	-
SOUTH DAKOTA																
Angostura Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8/48	-
Rapid City.....	-	-	-	3.70	5.60	6.82	8.30	7.39	5.22	-	-	-	-	6	5/16	5/22
TENNESSEE																
Center Hill Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10/46	-
Jefferson City.....	1.05	1.62	3.17	4.51	5.70	6.57	6.31	5.23	4.26	2.71	1.49	0.81	43.43	7	12/41	12/48
Neptune.....	-	2.31	3.31	4.70	5.59	6.44	6.77	5.94	4.78	3.26	2.01	A1.29	-	12	10/36	11/48
Norris.....	1.01	1.32	2.65	4.08	5.52	6.15	5.88	5.24	4.33	2.96	1.61	0.94	41.69	8	11/34	4/43
Paris.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/47	-
TEXAS																
Austin.....	2.34	3.11	4.97	5.98	7.07	8.19	9.10	9.08	6.68	5.20	3.20	2.38	67.30	33	4/16	12/48
Balmorea.....	2.50	3.72	6.32	8.37	9.39	10.05	9.92	9.14	6.80	4.98	3.52	2.47	77.18	9	2/40	11/48
Buchanan Dam #1.....	-	-	5.78	7.63	8.31	10.13	-	-	-	-	-	-	-	5	1/44	11/48
Del Rio.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/46	-
Denison Dam.....	2.28	3.01	5.30	7.15	7.77	9.50	10.11	10.29	7.50	5.16	3.75	2.42	74.24	8	10/40	12/48
Dilley.....	2.75	3.46	6.07	7.49	8.26	9.83	10.72	10.52	7.63	5.85	3.64	2.62	78.84	20	6/28	12/48
Fort Stockton.....	3.51	4.94	-	11.04	12.72	13.71	12.91	11.50	9.26	6.59	4.63	3.77	-	B6	5/40	8/48
Grand Falls.....	3.65	5.05	8.67	12.02	13.10	13.99	13.65	12.78	9.13	6.97	4.56	3.00	106.57	8	2/40	8/48
Lake Kickapoo #2.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2/48	-
Laredo.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2/46	-
Mansfield Dam #1.....	-	-	-	-	-	9.33	-	9.96	7.28	-	3.52	-	-	4	6/44	11/48
Red Bluff Dam.....	3.19	4.94	8.60	11.07	13.44	14.44	13.36	12.79	10.10	6.33	4.63	3.32	106.21	8	11/39	12/47
Ysleta.....	3.12	4.62	8.45	11.09	13.40	13.70	12.43	10.64	8.53	6.19	3.86	2.99	99.02	10	2/39	12/48
UTAH																
Bear River Refuge.....	-	-	-	-	A8.81	9.51	11.98	10.47	6.80	-	-	-	-	11	8/37	9/48
East Portal.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/48	-
Ferron.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/48	-
Fort Duchesne.....	-	-	-	-	7.71	7.60	8.63	7.06	5.93	-	-	-	-	6	4/43	9/48
Green River.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/48	-
Moon Lake.....	-	-	-	-	-	-	8.10	6.91	-	-	-	-	-	7	8/41	8/47
Myton.....	-	-	-	C6.05	8.51	9.67	9.26	7.84	5.84	D3.58	-	-	-	25	6/18	10/42
Plute Dam.....	-	-	-	-	9.35	11.24	10.76	9.38	7.65	E4.84	-	-	-	31	5/18	10/48
Provo.....	-	-	-	8.15	6.16	6.89	7.26	6.23	4.29	2.39	-	-	-	9	4/18	10/26
Provo (New Station).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/48	-
Salt Lake City.....	-	-	-	6.13	C8.67	11.67	13.92	-	-	-	-	-	-	5	5/28	5/33
Scotfield Dam.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/48	-
Sevier Bridge (Scipio).....	-	-	-	-	C9.86	12.35	13.58	10.89	C7.63	-	-	-	-	F9	6/22	8/32
Utah Lake (Lehi).....	-	-	3.20	5.85	8.74	10.15	11.05	9.72	7.18	4.01	G1.42	-	-	26	5/23	10/48
Vernal.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/48	-
VIRGIN ISLANDS																
St. Croix.....	4.84	5.06	6.53	6.90	7.04	6.63	7.12	6.77	6.15	5.51	4.68	4.69	71.92	H25	4/19	12/46
WASHINGTON																
Bumping Lake.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/47	-
Lake Kachess.....	-	-	-	-	3.91	4.78	6.41	5.04	2.71	1.35	-	-	-	J30	9/17	8/48

A 5 year average  
 B No data Feb. 1943 - April 1944 and July 1946 - June 1947, inclusive  
 C 6 year average  
 D 11 year average  
 E 16 year average

F Short period of record due to missing data  
 G 17 year average  
 H Fragmentary records 1919, 1926, 1939-1943; no records Oct. 1943 - Dec. 1945, inclusive  
 J No record for 1936



PART I  
CLASS A STATIONS (CONTINUED)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN- UAL	YRS. R'CD.	RECORD BEGAN	USED ENDED
<b>WASHINGTON (CONTINUED)</b>																
Moses Lake (Development Farm)...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9/47	-
Othello (nr).....	-	-	-	5.53	7.55	9.00	12.61	10.60	6.88	3.20	-	-	-	8	4/41	10/48
Quincy (nr).....	-	-	-	5.91	8.39	9.90	13.68	11.48	7.42	3.54	-	-	-	8	4/41	10/48
Rimrock (Tieton Dam).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/47	-
Seattle.....	-	0.89	1.76	2.91	4.40	4.77	6.28	4.97	3.25	1.55	0.65	0.53	-	7	5/41	11/48
Walla Walla.....	-	-	A2.57	4.30	6.18	7.58	10.54	9.16	5.27	2.55	-	-	-	33	6/16	10/48
Wind River.....	-	-	-	B3.20	4.86	5.55	7.07	5.82	3.50	C1.57	-	-	-	D24	10/23	9/48
<b>WEST VIRGINIA</b>																
Clarksburg.....	-	-	-	3.74	4.89	5.60	6.05	4.85	3.58	2.15	-	-	-	25	6/23	10/48
Wardensville.....	-	-	-	-	5.53	5.88	6.42	5.68	4.33	3.07	-	-	-	9	8/39	11/48
<b>WISCONSIN</b>																
Marshfield.....	-	-	-	-	4.91	5.67	6.44	6.12	4.26	2.84	-	-	-	10	6/39	9/48
Rainbow Reservoir (Wausau).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9/46	-
Trempealeau Dam.....	-	-	-	-	6.15	6.89	7.75	6.83	4.98	3.58	-	-	-	8	5/41	10/48

A 23 year average    C 14 year average  
B 11 year average    D No record for 1936

PART II  
MISCELLANEOUS STATIONS

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN- UAL	YRS. R'CD.	RECORD BEGAN	USED ENDED
CALIFORNIA																
Biggs (A).....	-	-	-	4.53	6.57	7.73	8.17	6.87	5.09	3.41	-	-	-	17	4/16	10/32
Fall River Mills (B).....	1.16	1.61	2.84	4.00	5.86	7.05	8.74	7.85	5.27	3.09	1.64	1.21	50.32	23	8/25	5/48
COLORADO																
Akron (A).....	-	-	-	5.13	6.76	8.28	9.88	8.43	6.41	4.39	-	-	-	22	4/16	10/37
Fort Collins (C).....	-	-	-	4.39	4.73	5.58	6.89	6.46	5.35	3.08	-	-	-	7	4/42	10/48
FLORIDA (D)																
Belle Glade #4.....	2.75	3.74	5.02	5.98	5.70	4.86	4.61	4.85	4.10	4.10	3.24	2.73	51.68	E7	8/37 6/41	6/38 12/48
Clewiston #2.....	2.72	3.56	4.70	5.67	6.06	5.28	5.24	5.12	4.65	4.53	3.35	2.67	53.55	E7	8/37 6/41	6/38 12/48
Moore Haven (Lock #1).....	2.83	3.42	4.70	5.56	5.95	5.08	4.94	4.89	4.32	4.54	3.43	2.73	52.39	10	8/37 3/40	6/38 12/48
Okeechobee #6.....	3.14	3.88	5.12	6.22	6.52	5.74	5.94	6.19	4.92	4.71	4.06	3.17	59.61	8	9/37 6/41	6/38 12/48
Port Mayaca (Lock #1).....	2.59	3.23	4.32	5.48	5.62	5.20	4.76	5.11	4.05	3.78	3.18	2.82	50.14	E7	9/37 6/41	6/38 12/48
IDAHO																
Aberdeen (A).....	-	-	-	4.43	6.31	7.38	8.84	8.38	5.33	-	-	-	-	8	4/13	9/20
KANSAS																
Colby (A).....	-	-	-	5.05	6.38	7.83	9.63	8.19	6.01	-	-	-	-	24	6/14	9/37
Garden City (A).....	-	-	-	6.76	8.36	10.52	12.40	10.78	8.36	-	-	-	-	21	4/17	9/37
Hays (A).....	-	-	-	5.77	6.73	8.60	10.76	9.56	7.52	-	-	-	-	21	4/17	9/37
LOUISIANA																
Crowley (A).....	2.49	2.68	3.89	4.80	5.92	6.19	5.86	5.74	5.12	4.43	3.23	2.40	52.75	39	4/10	12/48
MAINE																
Gardiner (F).....	-	-	-	-	4.55	4.97	5.34	4.72	3.39	2.13	-	-	-	10	6/15	10/24
MINNESOTA																
Pine River Dam (St. Paul) (G)...	-	-	-	-	-	4.55	6.34	5.73	4.23	-	-	-	-	H7	6/30	9/37
MONTANA																
Havre (A).....	-	-	-	4.15	6.24	6.84	8.39	6.98	4.38	-	-	-	-	22	4/16	9/37
Huntley (A).....	-	-	-	3.57	5.09	6.21	7.59	6.82	4.20	-	-	-	-	27	4/11	9/37
Moccasin (A).....	-	-	-	3.93	5.35	5.88	7.62	7.32	4.65	-	-	-	-	29	4/09	9/37
NEBRASKA																
Box Butte Exp. Farm (Alliance)(J)	-	-	-	-	7.03	7.70	9.82	9.45	6.64	-	-	-	-	18	9/30	9/48
Mitchell (A) (K).....	-	-	-	4.67	6.03	6.84	8.03	7.07	5.10	-	-	-	-	29	4/11 7/24 5/36	9/21 9/29 9/47
North Platte (A).....	-	-	-	4.76	6.28	7.25	9.08	7.79	5.79	-	-	-	-	33	4/15	8/47
NEVADA (L)																
Lahontan.....	-	-	4.11	6.90	9.38	10.78	13.89	13.02	7.49	4.19	2.33	-	-	M16	3/25	10/48
NEW MEXICO																
Farmington (N).....	P0.99	1.55	3.75	5.92	7.21	7.63	7.36	6.00	4.84	3.62	2.04	0.99	51.90	34	8/14	12/48
Gamerco (Q).....	-	R2.74	R5.66	8.82	11.94	13.89	11.56	9.81	8.22	6.35	R3.52	-	-	16	7/22	8/38
Jornada (N).....	3.07	4.24	7.52	9.99	12.77	13.19	11.71	10.29	8.59	6.48	4.08	2.41	94.34	9	6/29	8/38

A BPI station  
 B 4' floating pan  
 C 3' sunken pan  
 D 3' square sunken pan  
 E No reports for 1945  
 F On wooden platform - no ventilation underneath  
 G 3' circular floating pan  
 H No data for 1934

J 68" circular pan - no ventilation underneath  
 K Formerly Scotts Bluff Exp. Station  
 L Standard size - floating pan  
 M Records fragmentary, 1928 - 1938, inclusive  
 N 3' square floating pan  
 P 11 year average  
 Q 3' square land pan  
 R 6 year average



PART II  
MISCELLANEOUS STATIONS (CONTINUED)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANN-UAL	YRS. R'CD.	RECORD BEGAN	USED ENDED
NEW MEXICO (CONTINUED)																
Lake Avalon (A).....	2.46	3.39	5.30	7.33	8.11	9.22	10.60	9.54	8.18	6.10	3.33	2.57	76.13	B11	10/17	12/30
Tucumcari (C).....	-	-	-	7.71	9.29	10.70	10.89	9.59	7.43	-	-	-	-	36	4/13	9/48
NORTH CAROLINA																
Lake Michie (D).....	1.43	1.63	2.68	3.90	5.39	6.27	6.36	5.89	5.01	4.00	2.82	1.86	47.24	E20	11/27	12/48
NORTH DAKOTA																
Dickinson (C).....	-	-	-	3.69	5.61	6.09	7.97	7.25	4.98	-	-	-	-	32	4/17	9/48
Hettinger (C).....	-	-	-	3.97	5.06	6.45	7.33	6.36	4.09	-	-	-	-	11	4/11	9/21
Mandan (C).....	-	-	-	3.62	5.34	5.93	7.33	6.57	4.51	-	-	-	-	35	4/14	9/48
OKLAHOMA																
Goodwell (C).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/47	-
Lawton (C).....	-	-	F4.44	5.50	6.53	8.08	9.38	9.17	6.87	G4.93	G3.02	-	-	33	4/16	11/48
Woodward (C).....	-	-	-	6.42	7.35	9.48	10.56	9.83	7.40	-	-	-	-	E26	4/14	9/48
OREGON																
Burns (C).....	-	-	-	4.16	6.18	7.70	9.26	7.79	5.12	-	-	-	-	6	4/14	9/19
Hermiston (C).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/46	-
Moro (C).....	-	-	-	4.66	6.68	8.15	10.27	8.82	5.15	J2.82	-	-	-	27	4/11	10/37
Odell Lake (D).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/45	-
Pendleton (C).....	-	-	-	3.76	5.53	5.94	8.52	7.93	4.86	-	-	-	-	7	4/31	9/37
PUERTO RICO																
Mayaguez (K).....	-	4.06	5.21	4.92	4.69	4.52	4.32	4.27	3.94	4.10	3.53	-	-	L6	4/41	3/48
SOUTH DAKOTA																
Ardmore (C).....	-	-	-	4.23	5.57	6.91	8.64	7.82	5.86	-	-	-	-	22	4/13	9/34
Newell (Bellefourche) (C).....	-	-	-	4.03	5.48	6.45	7.82	6.86	4.95	-	-	-	-	21	4/17	9/37
TEXAS																
Amarillo (C).....	-	-	-	6.72	8.54	9.88	10.67	9.14	7.00	-	-	-	-	10	4/10	9/19
Angleton (C).....	1.60	1.86	2.86	3.57	4.50	4.95	4.80	5.00	3.70	3.23	2.21	1.68	39.96	6	4/41	6/47
Balmorhea (C).....	1.89	2.80	4.96	6.24	7.77	8.14	7.97	7.68	5.34	3.96	2.90	2.08	61.73	8	4/41	12/48
Beaumont (M).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9/47	-
Beville (M).....	2.52	2.59	4.56	4.96	6.30	6.73	7.21	7.13	5.29	4.39	3.30	2.51	57.49	8	4/41	12/48
Big Springs (C).....	-	-	-	7.72	8.78	10.31	10.97	10.12	7.34	-	-	-	-	23	6/15	9/37
Chillicothe (C).....	-	-	-	6.71	7.86	8.86	9.24	8.82	6.44	-	-	-	-	20	4/12	9/31
College Station (C).....	1.72	2.45	3.05	3.98	5.19	6.04	6.89	6.56	4.76	3.84	2.73	1.97	49.18	7	4/41	7/48
Dalhart (C).....	-	-	-	6.99	8.25	9.28	9.96	8.93	6.95	-	-	-	-	21	4/17	9/37
Denton (M).....	1.70	2.26	3.60	4.50	5.19	6.66	7.35	7.47	5.17	3.55	2.65	1.64	51.74	7	4/41	7/48
Iowa Park Exper. Station (C).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9/47	-
Spur (C).....	2.20	2.80	4.71	6.48	7.57	8.47	7.99	8.02	6.01	3.88	3.31	2.01	63.45	8	4/41	12/48
Weslaco Exper. Station (C).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9/47	-
UTAH																
Nephi (N).....	-	-	-	4.27	6.46	8.89	9.79	8.90	6.64	F3.81	-	-	-	30	4/08	8/37
WASHINGTON																
Lind (N).....	-	-	2.85	4.75	7.06	7.86	10.80	9.57	5.84	2.97	-	-	-	11	4/38	10/48
Prosser (N).....	-	-	2.48	4.15	5.55	6.60	7.88	6.70	4.07	2.39	P1.03	-	-	22	3/27	10/48
WYOMING																
Archer (C).....	-	-	-	4.51	5.69	6.78	7.81	6.99	5.59	-	-	-	-	25	6/13	9/37
Sheridan (C).....	-	-	-	3.73	5.02	6.29	8.05	7.37	5.10	-	-	-	-	21	5/17	9/37

A 3' square floating pan  
 B No data for half of 1918 and all of 1925  
 C BPI station  
 D 4' circular floating pan  
 E No data March 1941 - April 1942, inclusive  
 F 13 year average  
 G 15 year average  
 H Station closed 1939 - 1947, inclusive  
 J 18 year average  
 K Size and exposure of pan not known

L No data Dec. 1943 - Jan. 1945, inclusive  
 M 5' sunken pan  
 N 4' sunken pan  
 P 5 year average