

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY SUMMARY.

Record of evaporation and meteorological conditions during the month of July, 1924
 Station, Yuma Cal.; Latitude, 33°46'; Longitude, 117°23'; Meridian time used, 1200;
 Evaporation tank 10 inches deep, 45 inches diameter, filled to approximate depth of 5 inches; description
 of station filed.

Mean max. Temp. - - - - 106.3 F.
 Mean min. Temp. - - - - 78.9 F.
 Mean max. + min. - - - - 88.6 F.
 2
 Total precipitation - - - 0.19 in.
 Monthly evaporation † - - 17.213 in.
 Mean hourly wind velocity - 6.2 mi.

DATE.	EXACT TIME OF OBSERVATION.	NUMBER OF HOURS SINCE LAST OBSERVATION.	METEOROLOGICAL CONDITIONS.							WIND.			EVAPORATION.			
			AIR TEMPERATURE.				PRECIPITATION.*			ANEMOMETER DIAL READING.	SINCE LAST OBSERVATION.		GAGE READING.	GAGE READING WHEN TANK FILLED.	ACTUAL AMOUNT. (†)	
			Max.	Min.	Set Max.	Mean.	Character.	Began.	Ended.		Amount.	Total Movement.				Prevailing Direction.
			F.	F.	F.	F.				In.	MI.	MI.	In.	In.	In.	
1	5:00		108	66		87.0				895.9	977	Var.	1.057			
2	5:15		112	74		92.0				3.5	976	"	2.931	5.458	.541	
3	4:30		114	74		94.0				86.6	831	"	2.413		.518	
4	4:20		114	75		96.5				181.6	950	"	1.848		.565	
5	4:50		114	78		96.0				349.3	161.7	"	1.106		.742	
6	4:47		111	77		94.0				508.7	157.4	"	4.69	3.243	.637	
7	5:00		110	74		92.0				675.5	166.6	"	2.865		.678	
8	4:50		104	73		88.5				870.8	195.5	"	1.938		.624	
9	5:00		106	72		89.0				100.9	219.2	"	1.292		.646	
10	4:30		104	70		87.0				325.5	225.5	"	6.40	3.576	.652	
11	5:00		105	70		87.5				509.5	184.0	"	2.952		.624	
12	4:30		108	68		87.0				634.4	124.9	"	2.392		.560	
13	4:25		108	68		88.0				760.0	125.6	"	1.822		.570	
14	4:35		112	71		91.5				876.5	116.5	"	1.237		.585	
15	5:20		115	76		95.5				40.5	153.8	"	5.69	2.738	.688	
16	5:00		114	86		95.0				200.6	160.5	"	2.436		.302	
17	5:00		108	78		93.5				372.7	172.1	"	2.133		.303	
18	4:50		97	75		86.0	Rain	11:30	1:30	0.04	523.1	150.4	"	1.779		.394
19	4:40		97	72		84.5	"	4:30	4:30	0.01	609.6	86.5	"	1.459		.330
20	4:42		101	70		85.5	"	5:30	DN	0.14	741.2	131.6	"	1.220		.379
21	4:41		103	72		87.5				894.5	153.3	"	6.45	3.691	.575	
22	4:32		102	69		85.0				103.0	198.5	"	2.999		.692	
23	4:55		104	64		84.0				292.7	189.7	"	2.314		.685	
24	4:30		104	64		84.0				441.0	148.3	"	1.780		.534	
25	4:25		105	61		83.0				537.5	96.5	"	1.264		.516	
26	5:00		103	62		82.5				691.3	153.8	"	6.63		.601	
27	4:45		101	65		83.0				860.9	169.6	"	1.04	3.470	.559	
28	4:40		102	61		81.5				986.1	125.2	"	2.941		.529	
29	4:50		106	71		89.5				105.7	109.6	"	2.396		.545	
30	5:00		105	72		88.5				265.2	159.5	"	1.767		.629	
31	5:00		98	81		89.5				459.0	191.8	"	1.267		.500	
SUM.	(b)	(c)	3296	298		274.7	(d)	(e)	(e)	0.19	(g)	4608.9	(h)	(i)	(j)	17.213
MEAN.	(k)	(l)	106.3	70.9		88.6	(m)	(n)	(o)	(p)	(q)	148.6	(r)	(s)	(t)	(u)

REMARKS.

(IN TRIPlicate.)

(b) No data required.

* Including rain, hail, sleet, and melted snow.

† Last gage reading plus precipitation minus present gage reading.

‡ Monthly = Sum X days in month.
Days of record.Observer, R.W. Foley for
Am. Irriga. Corporation Address, Yuma Cal.