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CLIMATOGRAPHY OF THE UNITED STATES NO. 81-4

DECENNIAL CENSUS OF UNITED STATES CLIMATE—

MONTHLY NORMALS OF TEMPERATURE, PRECIPITATION, AND HEATING DEGREE DAYS

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PREFACE

The climatological standard normals presented in this publication are based on records for the 30-year period 1931-1960 inclusive. For the first time, normals have been computed for substations and divisions using a base period identical to that used for first-order stations.

Previous normals were published in Weather Bureau Technical Paper No. 31, "Monthly Normal Temperatures, Precipitation, and Degree Days," and were based on records for the period 1921-1950. Earlier sets of normals are described in [1].

This is the first series of publications resulting from the project "The Decennial Census of United States Climate, 1960." The project is a continuation of earlier censuses of the climate of the United States that date back to the early 19th Century and are described in [2]. Future publications of this project will be listings of daily normals of temperature, and degree days; summaries of hourly observations; and listings of monthly divisional averages of temperature and precipitation.

Units used in this publication are degrees F. for temperatures, and inches for precipitation. The heating degree day normals are derived from the monthly normal temperatures, and are computed on the standard base of 65°F. Monthly normals of less than 5 degree days are shown as zero.

Standard Normals for Weather Bureau First Order Stations

A normal of a climatological element is an arithmetic mean for a specific period of record which estimates the true mean of the element at the current exposure of the meteorological instrument measuring the element. The true mean is the mean of all possible observations (population) at the current exposure. It is from this population that future observations will come, not from values in the past record. This is what makes it important to obtain an estimate of this mean. The true mean can never be known exactly but must be estimated from a sample of the past record ([3] p. 53 section 4. 3). The normals presented here are estimates of the true mean obtained from the 30-year sample record 1931-1960. They are called standard normals because they conform to the World Meteorological Organization standard for climatological normals.

If no exposure changes have occurred at a station the normal is estimated by simply averaging the 30 values from the 1931-1960 record. Since it is next to impossible to maintain a multiple purpose network of meteorological stations without having exposure changes, it is first necessary to find and evaluate these changes and then make adjustments for them if necessary.

Heterogeneities in record due to exposure changes are found in two ways: by determining them from the station histories and by use of statistical tests. The statistical test when standardized for the purpose is easy to apply and will often find heterogeneities which are not defined by the station histories as well as those which have been so determined. Two statistical tests were employed: one for temperature and the other for precipitation. These are described in [4].

After the periods of heterogeneity have been determined, adjustments are applied to remove the heterogeneities introduced into the mean. This is done by comparing the record at the base station, for which the normal is desired, to the record at a supplementary station with a homogeneous period which covers the heterogeneous period at the base station. The difference method is applied to the monthly average maximum and minimum temperatures and the ratio method to the monthly total precipitation. A weighted average of the various partial means of the adjusted and unadjusted record is then prepared to give the normal. Brief discussions of the methods of adjustment are found in [3] (p. 49, section 4. 24).

Normal heating degree days are derived by the method described in [5].

Normals for Substations and Divisions

Normals for substations were computed somewhat differently than those for first-order stations. Monthly substation normals are the simple arithmetic averages of the monthly values of temperature and precipitation for the period 1931-1960. These were computed for only those substations that were active during the entire period and no attempt was made to adjust for minor changes in location of the observing site, or for changes in the time of observation. Normals were not computed for substations that were moved a significant distance during the 1931-1960 period. Missing values in the data series were estimated by methods described in [6]. Substations whose locations were essentially unchanged during the 1931-1960 period are identified in the tables.

Monthly divisional normals are the means of the monthly divisional averages of temperature and precipitation for the period 1931-1960. In calculating the monthly divisional averages, all of the stations in the division that furnished both temperature and precipitation data during the particular month were used. The averages therefore were obtained from a variable station sample. As a result, the divisional normals often differ from the averages of the normals for stations in the division.

Annual substation and divisional normals are the averages of the 12 monthly temperature normals and the sums of the 12 monthly precipitation normals.

References

1. U. S. Weather Bureau, "History of Climatological Publications," Key to Meteorological Records Documentation No. 4. 1, Washington, D. C., 1958.

2. H. E. Landsberg, "The Decennial United States Census of Climate 1960 and Its Antecedents," Key to Meteorological Records Documentation No. 6. 2, U. S. Weather Bureau, Washington, D. C., 1960.

3. U. S. Weather Bureau, Climatology at Work, Gerald L. Barger, ed., Washington, D. C., 1960.

4. H. C. S. Thom, "Tests of Significance for Temperature and Precipitation Normals," U. S. Weather Bureau Manuscript, 1961.

5. H. C. S. Thom, "The Rational Relationship Between Heating Degree Days and Temperature," Monthly Weather Review, Vol. 82, No. 1, January 1954.

6. U. S. Weather Bureau, Administrative Manual, Vol. III, Chap. C-05, paras. C-0509 and C-0510.

NOTES

1. Station Names

   In Table I, "AP" after the city name indicates "airport station" "CO" indicates "city office station." Figures and letters following the station name indicate a rural location, and refer to the distance and direction of the station from the nearest post office.

   \# indicates a station whose location has been essentially unchanged during the period 1931-1960.

   H indicates the ground elevation of the station in feet above sea level, as of December 31, 1960.

   G indicates the elevation at hygrothermometer site (where different from "H").

   T indicates the height of the thermometer in feet above the ground as of December 31, 1960.

   /NO TEST/ indicates that significant difference tests were not made.

2. Table Content

   * indicates that the departure of the 1951-60 record from the 1921-50 normal is statistically significant, but through the adjustments for changes in location and exposure the absolute difference between old and new normals may even in these cases be very small.

   T in the data tables indicates a monthly precipitation amount of only a trace.

February monthly normals are for a 28-day month.

TABLE I - NORMALS FOR FIRST ORDER STATIONS

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
BAKERSFIELD AP	H 494 T 5													
MAX TEMP		57.4	62.9	69.3	75.8	84.6	92.1*	100.3*	97.7*	91.8	80.9	68.6*	59.0	78.4
MIN TEMP		37.4	41.0	44.5	50.1	56.1	62.0	68.2*	65.7	61.1*	52.7*	43.1	38.5	51.7
AVG TEMP		47.4	52.0	56.9	63.0	70.4	77.1*	84.3*	81.7*	76.5*	66.8*	55.9*	48.8	65.1
DEG DAYS		546	364	267	105	19	0	0	0	0	37*	282*	502	2122
PRECIP		1.17	1.14	1.06	.81	.22	.09	.01	T*	.08	.32	.49*	.97*	6.36
BISHOP AP	H4108 T 4													
MAX TEMP		52.7	56.1	63.8	72.5	80.9	89.7*	97.0	95.3	88.8	76.5	64.0	55.1*	74.4
MIN TEMP		20.8	25.3	30.3*	37.7	44.2	49.9	55.2*	52.2	46.5	37.3	27.5	23.4	37.5
AVG TEMP		36.8	40.7	47.1*	55.1	62.6	69.8*	76.1*	73.8	67.7	56.9	45.8	39.3*	56.0
DEG DAYS		874	680	555*	306	143	36*	0	0	48	260	576	797*	4275
PRECIP		.99	.98	.55	.46*	.20	.09	.12	.12*	.19	.43	.53	1.18	5.84
BLUE CANYON AP	H5280 T 7													
MAX TEMP		42.6*	43.3	46.2*	53.1	60.3*	68.3	78.0	77.6	72.9	62.2*	52.8*	46.5*	58.7
MIN TEMP		29.5	29.8*	31.8	37.0	43.1	50.1	59.0	57.8	53.9	45.3	37.5	33.0*	42.3
AVG TEMP		36.1*	36.6*	39.0*	45.1	51.7*	59.2	68.5	67.7	63.4	53.8*	45.2*	39.8*	50.5
DEG DAYS		896*	795*	806*	597	412*	195	28	37	108	347*	594*	781*	5596
PRECIP		11.70*	10.19	8.45	4.82	3.10	.93	.09*	.06*	.63*	3.41	6.75	10.24*	60.37
BURBANK AP	H 699 T 4													
MAX TEMP		64.9	66.1*	68.9	71.9	74.6*	78.6	86.2	86.6*	85.6	78.8	73.9	67.5	75.3
MIN TEMP		42.3*	44.3*	46.8	50.5*	54.1*	57.4*	61.4*	61.5*	59.5*	53.8*	46.9*	43.7*	51.9
AVG TEMP		53.6*	55.2*	57.9	61.2*	64.4*	68.0*	73.8*	74.1*	72.6*	66.3*	60.4*	55.6*	63.6
DEG DAYS		366*	277*	239	138*	81*	18*	0	0	6*	43*	177*	301*	1646
PRECIP		3.14*	3.22	2.16	1.21	.18	.05*	T	.05*	.27	.49	1.05	2.71*	14.53
#EUREKA CO	H 43 T 72													
MAX TEMP		53.6	54.2	54.5*	55.7*	57.9	60.1	60.5	60.9*	61.6*	60.3	57.5	55.1	57.7
MIN TEMP		41.1	42.1	42.8*	45.1	48.1	50.9	52.0	52.5	51.1*	48.5	44.9	42.7	46.8
AVG TEMP		47.4	48.2	48.7*	50.4*	53.0	55.5	56.3	56.7*	56.4*	54.4	51.2	48.9	52.3
DEG DAYS		546	470	505*	438*	372	285	270	257*	258*	329	414	499	4643
PRECIP		6.70*	5.53	5.25	2.67	2.18	.74	.11	.10	.64	3.19	4.61	6.71	38.43
FRESNO AP	H 331 T 6													
MAX TEMP		55.2	61.0	67.2*	75.0*	83.0*	90.4*	98.6*	96.6*	91.4	80.3	67.4	56.3*	76.9
MIN TEMP		35.8*	38.6*	41.5*	46.5	51.9	57.3*	62.6	60.2	56.4*	48.2	39.0	36.5*	47.9
AVG TEMP		45.5*	49.8*	54.4*	60.8*	67.5*	73.9*	80.6*	78.4*	73.9*	64.3	53.2	46.4*	62.4
DEG DAYS		605*	426*	335*	162*	62*	6*	0	0	0	84	354	577*	2611
PRECIP		2.03	2.19	1.96	1.13	.30	.07	T	.01	.10*	.43*	.95	1.97	11.14
LONG BEACH AP	G 42 T 5	/NO TEST/												
MAX TEMP		65.1	65.8	68.3	70.7	73.9	77.5	83.2	83.6	83.1	78.0	73.8	67.8	74.2
MIN TEMP		39.7	41.9	45.2	48.9	52.8	56.6	60.6	61.2	59.1	53.9	47.0	42.2	50.8
AVG TEMP		52.4	53.9	56.8	59.8	63.4	67.1	71.9	72.4	71.1	66.0	60.4	55.0	62.5
DEG DAYS		397	311	264	171	93	24	0	0	9	47	171	316	1803
PRECIP		1.99	2.31	1.37	.77	.11	.03	T	.03	.06	.17	1.03	1.97	9.84
LOS ANGELES AP-INTL	H 99 T 5													
MAX TEMP		62.8	62.7*	64.0*	64.9	66.7	69.1*	74.3*	74.4*	74.8*	72.1*	70.1*	65.5*	68.5
MIN TEMP		44.0*	45.7*	47.9*	50.9*	54.2	57.5*	61.3*	61.8*	60.1*	55.9*	50.0*	46.3*	53.0
AVG TEMP		53.4*	54.2*	56.0*	57.9*	60.5	63.3*	67.8*	68.1*	67.5*	64.0*	60.1*	55.9*	60.8
DEG DAYS		372*	302*	288*	219*	158	81*	28*	22	42*	78*	180*	291*	2061
PRECIP		2.66*	2.88	1.79	1.05	.13*	.05*	.01	.02	.17*	.39*	1.09	2.39*	12.63
LOS ANGELES CO	H 312 T 4													
MAX TEMP		65.0	66.0*	68.6	70.6	73.5	77.1	83.3*	83.3	82.4*	77.3	73.3	67.5	74.0
MIN TEMP		46.6*	48.2*	50.2	53.0	56.0	58.9*	62.6*	62.9*	61.4*	57.4*	52.1*	48.8*	54.8
AVG TEMP		55.8*	57.1*	59.4	61.8	64.8	68.0*	73.0*	73.1*	71.9*	67.4*	62.7*	58.2*	64.4
DEG DAYS		310*	230*	202	123	68	18*	0	0	6*	31*	132*	229*	1349
PRECIP		3.07*	3.33	2.26	1.17	.16	.06*	T	.04*	.23*	.41*	1.08	2.87*	14.68
MT SHASTA CO	H3544 T 4													
MAX TEMP		41.4	46.5	52.1*	60.3	67.6	74.9	85.3	84.7*	78.4*	65.6	52.5	44.6*	62.8
MIN TEMP		25.1	27.5	30.2*	34.6	39.9	45.7	50.7*	48.6*	44.5*	38.2	31.0	27.2	36.9
AVG TEMP		33.3	37.0	41.2*	47.5	53.8	60.3	68.0*	66.7*	61.5*	51.9	41.8	35.9*	49.9
DEG DAYS		983	784	738*	525	347	159	25*	34*	123*	406	696	902*	5722
PRECIP		6.36*	5.91	4.46	2.77	1.99	1.25*	.30*	.18*	.87*	2.44*	3.97	6.22*	36.72
OAKLAND AP	H 3 T 5													
MAX TEMP		55.4	58.7	62.5*	65.5*	68.2	71.3*	72.7	72.4	74.6	71.1	63.9	57.1	66.1
MIN TEMP		40.6*	42.6*	44.7	47.7*	51.1*	54.2*	55.9*	56.0*	55.5*	51.1*	45.4*	41.8*	48.9
AVG TEMP		48.0*	50.7	53.6*	56.6*	59.7*	62.6*	64.3*	64.2*	65.1*	61.1*	54.7*	49.5*	57.5
DEG DAYS		527*	400	353*	255*	180*	90*	53*	50*	45*	127*	309*	481*	2870
PRECIP		3.83	3.21	2.42	1.38	.65	.12	T*	.03*	.20*	.78*	1.73	3.58	17.93
POINT ARGUELLO WB	H 364 T 4	/NO TEST/												
MAX TEMP		59.0	59.2	59.8	60.5	62.2	64.0	65.5	65.9	67.9	67.8	66.5	61.9	63.4
MIN TEMP		40.3	42.7	44.2	46.9	48.6	49.7	51.5	52.1	51.7	48.9	44.0	42.3	46.9
AVG TEMP		49.7	51.0	52.0	53.7	55.4	56.9	58.5	59.0	59.8	58.4	55.3	52.1	55.2
DEG DAYS		474	392	403	339	298	243	202	186	162	205	291	400	3596
PRECIP		2.35	2.22	1.96	.94	.17	.05	.02	.02	.11	.42	.91	2.10	11.27
RED BLUFF AP	H 341 T 6													
MAX TEMP		53.4	58.7	64.5	72.3	81.4	90.3	99.6	97.0*	91.0	78.6*	65.6	55.3	75.6
MIN TEMP		37.5	40.6	43.7*	48.5	55.1	62.1	67.9	65.0	61.0	52.5	43.4	38.9	51.4
AVG TEMP		45.5	49.7	54.1*	60.4	68.3	76.2	83.8	81.0*	76.0	65.6*	54.5	47.1	63.5
DEG DAYS		605	428	341*	168	47	0	0	0	0	53*	318	555	2515
PRECIP		4.29	3.31	2.70	1.83	1.13	.45	.04*	.06*	.37*	1.37	2.29	4.21	22.05
SACRAMENTO AP	G 18 T 5													
MAX TEMP		53.2	58.6	64.8	72.4	80.2	88.5	95.4	93.9	90.2	78.6	65.2	54.6	74.6
MIN TEMP		39.2*	41.8	44.0	47.3	51.7	56.4	59.4	58.3*	57.0*	51.4*	43.6	40.1	49.7
AVG TEMP		46.2*	50.2	54.4	59.9	66.0	72.5	77.4	76.1*	73.6*	65.0*	54.4	47.4	61.9
DEG DAYS		583*	414	332	178	72	0	0	0	0	56*	321	546	2502
PRECIP		3.18*	2.99	2.36	1.40	.59	.10	T	.02	.19*	.77*	1.45	3.24	16.29
#SACRAMENTO CO	H 23 T 37													
MAX TEMP		53.4*	58.7	64.6	71.3	77.9	85.5	92.0	90.6	87.7	76.5*	64.2	54.3*	73.1
MIN TEMP		40.3*	43.2	45.8*	49.3	53.4	57.5	60.0	58.9	58.0	52.8	45.2	41.2	50.5
AVG TEMP		46.9*	51.0	55.2*	60.3	65.7	71.5	76.0	74.8	72.9	64.7*	54.7	47.8*	61.8
DEG DAYS		561*	392	310*	173	76	0	0	0	0	62*	312	533*	2419
PRECIP		3.58*	3.47	2.46	1.62	.62	.12	T	.04	.22*	.80*	1.54	3.55	18.02
SANDBERG CO	H4517 T 6													
MAX TEMP		46.0	48.1*	52.9	60.0	66.7*	75.8	85.6	84.5	79.6	67.6*	56.2	48.8	64.3
MIN TEMP		33.8	34.6*	37.0	41.6	46.4	53.7*	63.2	62.1*	59.0	49.8	41.8	36.6	46.6
AVG TEMP		39.9	41.4*	45.0	50.8	56.6*	64.8	74.4	73.3*	69.3	58.7*	49.0	42.7	55.5
DEG DAYS		778	661*	620	426	264*	57*	0	0	30	202*	480	691	4209
PRECIP		2.55	2.58	1.44*	.97*	.31	.03*	.02	.09	.21	.49*	.92	2.49*	12.10
SAN DIEGO AP	H 19 T 20													
MAX TEMP		64.6	65.4*	66.7	68.2	69.9	71.6	75.8	76.9	76.6*	73.4	71.1	67.0*	70.6
MIN TEMP		46.4*	47.9*	50.2	53.8*	57.0	59.8*	63.4*	64.5*	62.2*	57.8*	51.4*	48.2*	55.2
AVG TEMP		55.5*	56.7*	58.5	61.0*	63.5	65.7*	69.6*	70.7*	69.4*	65.6*	61.3*	57.6*	62.9
DEG DAYS		298*	235*	214	135*	90	42*	9*	0	21*	43*	135*	236*	1458
PRECIP		2.01	2.15*	1.57	.79	.15	.05	.01	.08*	.15	.49	.90	2.05*	10.40
SAN FRANCISCO AP-INTL	H 8 T 5													
MAX TEMP		55.4	58.4	61.6	64.3	66.9*	70.2	71.9*	71.7*	73.8*	70.5*	63.7	57.2	65.5
MIN TEMP		41.7*	43.3	44.9	47.1*	49.7*	52.3*	53.5*	53.8*	53.9*	50.5*	45.9	42.9*	48.3
AVG TEMP		48.6*	50.9	53.3	55.7*	58.3*	61.2*	62.7*	62.8*	63.9*	60.5*	54.8	50.1*	56.9
DEG DAYS		508*	395	363	279*	214*	126*	81*	78*	60*	143*	306	462*	3015
PRECIP		4.01*	3.48	2.69	1.30	.48	.11	.01	.02	.19*	.74*	1.57	4.09	18.69
SAN FRANCISCO CO	H 52 T112													
MAX TEMP		55.8	58.6	60.7	61.9	63.4	65.0	64.3*	64.9	68.9	68.3	63.7	57.5*	62.8
MIN TEMP		45.5*	47.3	48.6	49.5	51.3	53.1	53.3*	53.9	55.1*	54.4	51.0	47.4	50.9
AVG TEMP		50.7*	53.0	54.7	55.7	57.4	59.1	58.8*	59.4	62.0*	61.4	57.4	52.5*	56.8
DEG DAYS		443*	336	319	279	239	180	192*	174	102*	118	231	388*	3001
PRECIP		4.55	3.66	2.93	1.44	.63	.14	.01	.04*	.22*	.89	2.00	4.27	20.78
SANTA MARIA AP	H 238 T 6													
MAX TEMP		62.3*	63.1	64.6*	66.4*	68.1*	69.5*	71.6*	71.9*	74.1	73.3	70.4	65.0	68.4
MIN TEMP		38.1*	40.4	41.9	44.7*	47.1	49.7	52.8*	52.9*	51.5*	47.5*	41.8	39.8	45.7
AVG TEMP		50.2*	51.8	53.3*	55.6*	57.6*	59.6*	62.2	62.4	62.8*	60.4*	56.1	52.4	57.0
DEG DAYS		459*	370	363*	282*	233*	165*	99*	93*	96*	146*	270	391	2967
PRECIP		2.84	2.50	2.06	1.19	.22	.14	.03	.03	.16	.60	1.02	2.58	13.59

TABLE II - NORMALS BY CLIMATOLOGICAL DIVISIONS

STATIONS (By Divisions)	TEMPERATURE (°F)												PRECIPITATION (In.)											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
NORTH COAST DRAINAGE																										
CLOVERDALE 3 SSE	47.2	50.5	54.1	58.3	63.5	69.4	72.9	71.7	70.3	63.3	55.0	48.7	60.4	9.02	7.27	4.84	2.79	1.23	.46	.03	.09	.35	2.38	4.10	7.94	40.50
CUMMINGS	•	•	•	•	•	•	•	•	•	•	•	•	•	14.52	11.19	8.97	4.37	3.04	.95	.05	.10	.69	4.73	8.44	13.89	70.94
DOS RIOS	•	•	•	•	•	•	•	•	•	•	•	•	•	9.93	8.10	5.95	2.80	1.60	.61	.05	.08	.51	2.93	4.99	9.54	47.09
#EUREKA CO	47.4	48.2	48.7	50.4	53.0	55.5	56.3	56.7	56.4	54.4	51.2	48.9	52.3	6.70	5.53	5.25	2.67	2.18	.74	.11	.10	.64	3.19	4.61	6.71	38.43
FOREST GLEN	35.5	39.5	43.8	49.6	55.7	61.3	68.4	66.5	62.3	52.4	42.3	37.0	51.2	11.97	9.57	7.72	3.81	2.56	.89	.26	.13	.78	4.04	6.61	11.64	59.98
#FORT BRAGG	•	•	•	•	•	•	•	•	•	•	•	•	•	7.46	6.11	5.04	2.77	1.55	.66	.06	.13	.39	2.78	4.35	7.04	38.34
FORT ROSS	•	•	•	•	•	•	•	•	•	•	•	•	•	8.23	6.53	5.07	3.17	1.57	.65	.06	.14	.48	2.33	4.13	7.26	39.62
GRATON 1 W	45.7	49.1	52.2	55.3	59.2	63.6	65.8	65.4	64.7	59.6	52.3	46.9	56.7	8.81	7.09	5.09	3.01	1.27	.41	.03	.11	.36	2.16	4.09	8.06	40.49
HAPPY CAMP RS	39.0	43.7	48.5	54.6	61.2	66.6	73.4	72.1	66.6	56.8	46.6	40.9	55.8	11.31	8.24	6.45	2.72	2.16	1.06	.38	.17	.74	4.07	7.25	10.41	54.96
HEALDSBURG	46.9	50.4	53.8	57.4	62.3	67.2	69.4	68.9	68.0	62.1	53.9	48.3	59.1	8.52	7.34	4.89	2.91	1.20	.46	.02	.12	.36	2.17	3.90	7.92	39.81
KENTFIELD	46.4	49.8	52.9	56.5	60.1	64.1	65.9	65.2	65.1	60.1	52.6	47.7	57.2	10.40	8.62	5.90	3.19	1.41	.34	.01	.05	.35	2.39	4.53	9.46	46.65
#NAPA STATE HOSPITAL	47.6	50.6	53.3	56.5	60.6	64.9	67.3	66.6	66.6	61.7	54.6	49.0	58.3	4.86	4.27	3.32	1.73	.87	.21	.01	.03	.18	1.22	2.27	4.91	23.88
#ORLEANS	•	•	•	•	•	•	•	•	•	•	•	•	•	9.76	7.39	6.25	3.08	2.50	.97	.24	.08	.87	3.76	6.53	9.79	51.22
PETALUMA FIRE STA 2	47.0	50.2	52.9	55.6	59.5	64.1	66.5	66.3	66.3	61.5	53.7	48.2	57.7	5.29	4.49	3.32	1.77	.63	.21	.00	.03	.17	1.08	2.18	4.93	24.10
#POTTER VALLEY PH	•	•	•	•	•	•	•	•	•	•	•	•	•	9.23	7.33	5.24	2.87	1.67	.71	.06	.07	.55	2.73	4.77	8.82	44.05
#SAINT HELENA	45.8	49.0	52.4	56.7	61.8	67.1	70.7	69.7	67.5	60.8	53.2	47.4	58.5	7.04	6.33	4.34	2.42	.96	.29	.04	.05	.24	1.73	3.07	6.60	33.11
SANTA ROSA	46.5	49.9	52.8	56.0	59.9	64.5	66.8	66.4	66.1	61.0	53.2	47.8	57.6	6.02	5.15	3.98	2.33	.98	.32	.02	.06	.27	1.54	2.94	5.64	29.25
SCOTIA	47.7	49.4	50.5	52.9	56.0	59.1	61.0	61.5	61.1	57.8	53.0	49.2	54.9	9.42	7.96	6.32	3.08	1.97	.79	.05	.11	.51	3.51	5.41	9.37	48.50
TULELAKE	•	•	•	•	•	•	•	•	•	•	•	•	•	1.02	1.04	.96	.78	1.20	.92	.27	.18	.53	.93	1.05	1.33	10.21
UKIAH	45.9	49.1	52.4	56.7	62.0	67.6	73.7	72.6	69.4	61.4	52.6	47.1	59.2	7.53	6.42	4.37	2.37	1.18	.48	.05	.05	.33	1.99	3.76	7.41	35.94
#UPPER MATTOLE	•	•	•	•	•	•	•	•	•	•	•	•	•	15.63	12.51	10.46	5.00	3.28	1.07	.16	.18	.79	5.93	9.60	15.65	80.26
#WEAVERVILLE RS	36.8	40.8	45.0	51.2	57.9	64.3	71.4	69.4	64.1	54.5	44.3	38.4	53.2	7.34	5.68	4.19	2.40	1.61	.92	.18	.21	.55	2.52	4.32	6.95	36.87
#YREKA	33.8	38.2	43.3	49.8	56.6	63.5	72.2	70.6	64.2	53.5	41.7	36.0	52.0	3.19	2.29	1.61	.92	1.03	.86	.27	.39	.45	1.45	2.00	3.30	17.76
DIVISION	42.6	45.9	49.1	53.2	57.8	62.7	67.0	66.1	63.7	57.1	49.3	44.3	54.9	7.73	6.35	4.89	2.60	1.68	.72	.15	.15	.53	2.67	4.42	7.43	39.32
SACRAMENTO DRAINAGE																										
ALTURAS RS	28.1	32.2	38.4	45.4	52.3	59.0	66.3	63.9	57.5	48.0	37.9	32.1	46.8	1.62	1.45	1.37	1.03	1.31	1.03	.31	.22	.43	1.07	1.35	1.63	12.82
AUBURN	44.8	47.9	51.4	57.1	63.1	70.6	77.8	76.2	72.4	63.4	53.7	46.9	60.4	7.07	6.25	5.38	3.03	1.47	.38	.00	.01	.31	1.73	3.53	5.94	35.10
BLUE CANYON AP	36.1	36.6	39.0	45.1	51.7	59.2	68.5	67.7	63.4	53.8	45.2	39.8	50.5	11.70	10.19	8.45	4.82	3.10	.93	.09	.06	.63	3.41	6.75	10.24	60.37
#BOWMAN DAM	35.4	35.9	39.2	45.2	51.7	59.4	67.3	66.6	62.3	53.1	44.3	38.5	49.9	12.48	11.45	10.13	5.15	3.61	1.23	.16	.13	.74	3.83	7.02	10.84	66.77
BROOKS FARNHAM RCH	44.8	48.5	52.9	58.2	65.3	72.4	78.4	75.8	72.1	63.4	52.6	46.0	60.9	4.06	4.10	2.63	1.31	.60	.20	.01	.02	.19	.96	1.75	4.17	20.00
CAMPTONVILLE RS	•	•	•	•	•	•	•	•	•	•	•	•	•	11.63	10.06	8.42	4.95	2.91	.77	.03	.04	.57	3.39	6.36	10.63	59.76
CANYON DAM	28.8	31.8	37.3	44.8	51.9	58.9	66.4	64.7	59.2	49.2	38.0	31.8	46.9	7.08	6.86	5.06	2.83	1.90	.80	.20	.12	.54	2.28	4.03	6.67	38.37
CENTERVILLE PH	45.7	48.9	53.0	58.7	65.0	72.1	79.2	77.0	72.9	63.6	53.4	46.9	61.4	8.33	7.83	5.96	3.72	1.76	.60	.01	.04	.43	2.37	3.98	8.15	43.18
CHESTER	•	•	•	•	•	•	•	•	•	•	•	•	•	5.67	5.58	4.02	2.27	1.70	.94	.23	.13	.56	1.95	3.49	5.55	32.09
CHICO EXP STATION	•	•	•	•	•	•	•	•	•	•	•	•	•	5.03	4.43	3.29	2.31	1.16	.44	.01	.07	.33	1.46	2.41	5.12	26.06
#COLFAX	44.7	48.6	53.0	58.9	65.8	72.8	78.7	76.4	72.5	63.0	52.6	45.8	61.1	9.22	8.24	7.13	3.92	2.20	.57	.02	.03	.36	2.30	4.68	8.03	46.70
#COLGATE PH	43.5	45.6	49.2	55.0	61.6	69.0	77.3	75.7	71.3	61.4	52.2	46.4	59.0	7.89	6.98	5.83	3.40	1.89	.51	.01	.02	.32	2.28	3.97	7.00	40.10
COLUSA 1 SSW	•	•	•	•	•	•	•	•	•	•	•	•	•	2.98	2.86	2.06	1.24	.65	.17	.03	.03	.16	.76	1.51	3.24	15.71
DAVIS 1 WSW	45.2	49.5	54.1	60.0	66.6	73.4	78.3	76.0	72.1	63.1	52.7	46.0	61.4	3.29	3.25	2.14	1.36	.57	.13	.00	.01	.17	.76	1.37	3.41	16.46
#DEER CREEK PH	45.3	49.3	53.4	58.9	64.7	70.9	75.2	73.3	71.1	63.2	53.1	46.3	60.4	12.86	11.79	9.91	5.30	3.25	.98	.04	.05	.62	3.54	7.05	11.69	67.08
#DE SABLA	35.1	37.6	42.1	47.5	53.8	60.1	66.8	65.2	61.4	52.5	42.0	36.3	50.0	11.54	11.31	8.44	5.18	2.75	1.06	.03	.05	.66	3.65	6.44	11.38	62.49
DOBBINS COLGATE FOREBAY	40.6	42.6	46.2	52.0	58.1	65.3	72.7	71.1	67.3	58.1	48.5	42.9	55.5	7.99	7.01	5.96	3.35	1.99	.49	.02	.02	.33	2.37	4.39	7.23	41.15
#EAST PARK RESERVOIR	•	•	•	•	•	•	•	•	•	•	•	•	•	4.03	3.47	2.25	1.33	.66	.29	.02	.05	.25	1.07	1.53	3.99	18.94
#GRASS VALLEY	43.1	46.3	50.4	56.1	63.1	70.6	77.4	75.0	70.3	60.9	50.9	44.7	59.1	10.63	9.57	8.38	4.70	2.48	.60	.03	.02	.49	2.79	5.45	9.61	54.75
#HAT CREEK PH 1	43.9	45.9	49.4	55.3	61.9	68.9	77.4	75.7	71.3	61.7	52.3	46.4	59.2	2.85	2.84	2.02	1.35	1.26	.77	.28	.16	.47	1.30	1.83	2.93	18.06
JESS VALLEY	34.2	38.4	43.6	50.4	57.0	63.4	69.9	67.4	62.0	52.8	42.0	35.7	51.4	1.89	1.95	1.88	1.64	2.02	1.62	.41	.26	.66	1.31	1.66	1.92	17.22
KELSEYVILLE	•	•	•	•	•	•	•	•	•	•	•	•	•	4.83	4.41	2.91	1.58	.80	.37	.03	.05	.26	1.32	2.38	5.03	23.97
LAKEPORT	•	•	•	•	•	•	•	•	•	•	•	•	•	6.08	4.90	3.36	2.03	.88	.45	.04	.05	.24	1.74	2.88	5.87	28.52
LAKE SPAULDING	34.0	35.4	38.4	43.7	50.1	56.9	63.2	61.8	58.8	50.7	42.1	37.0	47.7	12.20	10.84	9.44	5.53	3.60	1.17	.17	.08	.72	3.95	7.04	11.12	65.86
#LAS PLUMAS	47.5	51.1	55.2	61.1	67.8	75.2	82.7	80.8	76.8	67.1	56.6	49.2	64.3	10.07	9.36	7.16	4.02	2.02	.69	.02	.05	.56	2.48	4.68	9.44	50.55
MARYSVILLE	46.0	50.1	54.8	60.6	66.8	73.7	79.0	77.0	73.5	64.5	54.1	47.0	62.3	3.99	3.86	2.68	1.74	.80	.22	.01	.02	.23	1.13	2.03	3.88	20.59
MC CLOUD	34.0	36.5	40.9	47.3	53.6	59.7	66.5	64.6	60.1	51.5	42.6	36.7	49.5	9.20	8.31	6.03	3.81	2.62	1.64	.29	.23	.91	3.49	5.24	8.74	50.51
MINERAL	30.5	32.4	36.2	42.1	48.7	55.7	63.0	61.1	57.2	48.3	39.2	33.6	45.7	8.61	8.32	6.60	3.99	2.70	1.49	.09	.16	.98	3.91	5.49	9.16	51.50
MT SHASTA CO	33.3	37.0	41.2	47.5	53.8	60.3	68.0	66.7	61.5	51.9	41.8	35.9	49.9	6.36	5.91	4.46	2.77	1.99	1.25	.30	.18	.87	2.44	3.97	6.22	36.72
NEVADA CITY	39.2	41.3	44.8	50.2	56.2	62.9	69.9	68.0	63.8	54.9	46.4	41.3	53.2	10.12	9.63	7.92	4.49	2.45	.57	.04	.03	.49	2.75	5.15	9.37	53.01
NICOLAUS	44.9	48.9	53.7	60.0	67.4	74.8	80.3	77.8	73.7	64.3	53.4	46.2	62.1	3.31	3.19	2.35	1.54	.69	.16	.00	.02	.23	.83	1.66	3.38	17.36
#ORLAND	•	•	•	•	•	•	•	•	•	•	•	•	•	3.88	3.16	2.37	1.64	.69	.37	.04	.05	.31	1.06	1.80	3.87	19.24
OROVILLE 7 SE	•	•	•	•	•	•	•	•	•	•	•	•	•	5.59	5.15	4.12	2.52	1.36	.35	.01	.04	.31	1.59	2.93	5.39	29.36
OROVILLE BRIDGE	•	•	•	•	•	•	•	•	•	•	•	•	•	5.47	4.93	3.89	2.27	1.16	.35	.01	.03	.17	1.30	2.90	5.22	27.90
#PLACERVILLE	40.3	43.4	47.4	53.1	59.2	66.3	73.7	71.7	66.7	57.1	46.9	41.8	55.6	7.83	6.99	6.23	3.49	1.78	.55	.01	.01	.41	2.09	3.99	6.89	40.27
PORTOLA	28.8	31.8	37.3	44.0	50.2	56.8	62.9	60.6	55.8	47.6	38.1	31.8	45.5	3.69	3.39	2.57	1.47	1.13	.57	.37	.10	.23	1.34	2.05	3.56	20.47
QUINCY RS	33.0	36.8	42.2	48.2	54.4	61.0	66.1	63.7	59.0	50.7	40.8	35.2	49.3	7.21	7.26	5.38	3.21	2.01	.74	.12	.11	.51	2.43	4.14	6.87	39.99
RED BLUFF AP	45.5	49.7	54.1	60.4	68.3	76.2	83.8	81.0	76.0	65.6	54.5	47.1	63.5	4.29	3.31	2.70	1.83	1.13	.45	.04	.06	.37	1.37	2.29	4.21	22.05
REDDING FIRE STA 2	45.7	49.4	54.0	60.4	67.3	75.1	82.7	80.5	75.6	65.4	54.8	47.5	63.2	7.69	6.19	4.90	2.95	1.74	1.13	.11	.13	.61	2.27	3.76	7.26	38.74
REPRESA	•	•	•	•	•	•	•	•	•	•	•	•	•	4.28	4.03	3.27	1.94	1.03	.21	.00	.01	.20	1.13	2.10	3.97	22.17
ROCKLIN	44.3	47.6	51.7	57.4	64.4	71.6	78.0	76.0	71.9	62.7	51.8	45.3	60.2	4.54	4.36	3.53	1.98	.95	.22	.00	.01	.21	1.07	2.15	4.13	23.15
SACRAMENTO AP	46.2	50.2	54.4	59.9	66.0	72.5	77.4	76.1	73.6	65.0	54.4	47.4	61.9	3.18	2.99	2.36	1.40	.59	.10	T	.02	.19	.77	1.45	3.24	16.29
#SACRAMENTO CO	46.9	51.0	55.2	60.3	65.7	71.5	76.0	74.8	72.9	64.7	54.7	47.8	61.8	3.58	3.47	2.46	1.62	.62	.12	T	.04	.22	.80	1.54	3.55	18.02
#SAINT JOHN	•	•	•	•	•	•	•	•	•	•	•	•	•	4.10	3.55	2.48	1.76	.90	.24	.01	.05	.35	1.17	1.81	4.09	20.51
SIERRAVILLE RS	28.4	31.8	37.8	44.8	51.0	57.5	63.9	62.2	57.6	48.7	38.1	31.7	46.1	4.94	4.23	2.84	1.63	1.25	.54	.29	.15	.44	1.83	2.76	4.49	25.39
STONYFORD RS	•	•	•	•	•	•	•	•	•	•	•	•	•	4.31	3.92	2.34	1.46	.62	.34	.02	.04	.26	1.16	1.74	4.42	20.63
STONY GORGE RESERVOIR	43.5	47.0	51.5	57.1	64.7	72.5	79.4	77.2	72.2	62.3	51.8	45.2	60.4	3.89	3.40	2.27	1.50	.69	.39	.02	.05	.24	1.12	1.60	4.04	19.21
#TWIN LAKES	24.0	25.2	28.3	34.6	40.8	48.2	56.0	55.3	50.9	42.0	33.7	28.2	38.9	8.62	7.90	7.08	3.83	2.30	1.11	.64	.36	.67	2.27	4.14	7.55	46.47
#VACAVILLE	45.3	49.2	53.3	58.3	64.6	70.9	75.7	74.2	71.4	63.2	53.2	46.5	60.5	5.32	5.07	3.12	1.79	.64	.12	.00	.01	.23	1.17	2.23	5.49	25.19
#VOLTA PH	•	•	•	•	•	•	•	•	•	•	•	•	•	5.22	4.65	4.17	3.15	2.42	1.07	.07	.11	.64	2.29	3.69	5.57	33.05
WILLOWS	44.8	48.8	53.6	59.6	66.5	73.6	78.7	76.4	73.2	64.4	53.5	46.2	61.6	3.57	3.06	2.13	1.39	.66	.31	.01	.07	.22	.92	1.63	3.73	17.70
WOODLAND 1 WNW	45.8	50.3	55.1	60.7	66.6	72.7	77.1	75.2	72.7	64.3	53.9	46.9	61.8	3.30	3.27	2.18	1.37	.58	.12	.00	.01	.18	.78	1.42	3.58	16.79
DIVISION	39.7	42.8	47.0	53.0	59.4	66.3	73.0	71.2	67.1	58.0	48.0	41.8	55.6	6.80	6.21	4.85	2.88	1.69	.68	.10	.09	.46	2.08	3.58	6.43	35.85
NORTHEAST INTERIOR BASIN																										
CEDARVILLE	29.1	33.6	39.8	48.4	55.3	62.5	73.0	70.4	62.2	50.8	39.0	32.2	49.7	1.84	1.50	1.45	.99	1.04	.94	.33	.15	.37	1.17	1.41	1.69	12.88
#ELLERY LAKE	•	•	•	•	•	•	•	•	•	•	•	•	•	4.06	3.80	2.86	1.93	1.03	.65	.68	.49	.64	1.26	2.15	4.16	23.71
FORT BIDWELL	29.1	33.2	39.6	47.2	53.9	60.2	68.4	67.0	60.1	50.1	38.5	32.4	48.3	2.23	1.97	1.64	1.01	1.14	.96	.35	.17	.45	1.11	1.61	2.07	14.71
GEM LAKE	•	•	•	•	•	•	•	•	•	•	•	•	•	3.32	3.73	2.54	1.62	.94	.43	.44	.48	.56	1.20	1.83	4.03	21.12
SUSANVILLE AP	30.4	34.3	40.6	48.0	55.0	62.2	70.0	68.0	61.5	51.2	39.6	32.9	49.5	2.53	2.51	1.51	.82	.83	.67	.18	.09	.35	.92	1.51	2.56	14.48
#TAHOE CITY	26.9	28.4	32.2	38.8	45.7	53.0	60.9	60.0	54.3	45.0	35.3	30.3	42.6	6.13	5.32	3.95	2.10	1.35	.56	.26	.14	.40	1.90	3.15	5.64	30.90
TRUCKEE RS	25.6	28.0	32.7	39.7	46.6	54.1	61.9	60.4	55.3	45.6	35.0	28.5	42.8	6.15	5.24	4.02	2.27	1.46	.53	.35	.17	.37	1.82	3.10	5.66	31.14
DIVISION	27.8	30.6	36.1	43.6	50.3	57.4	65.6	64.1	57.8	48.2	37.5	31.1	45.8	3.43	3.11	2.26	1.31	1.05	.67	.37	.26	.42	1.28	1.89	3.35	19.40

TABLE II - NORMALS BY CLIMATOLOGICAL DIVISIONS

CALIFORNIA

STATIONS (By Divisions)	TEMPERATURE (°F) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL	PRECIPITATION (In.) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
CENTRAL COAST DRAINAGE																											
#BERKELEY	49.4	51.9	54.0	55.9	58.3	61.0	61.5	61.6	63.4	61.3	56.2	51.2	57.1	4.68	3.91	3.19	1.68	.81	.18	.01	.04	.22	1.17	2.19	4.30	22.38
BIG SUR STATE PARK	•	•	•	•	•	•	•	•	•	•	•	•	•	8.63	8.02	5.86	3.25	1.09	.28	.00	.03	.39	1.78	3.42	8.10	40.85
CROCKETT	•	•	•	•	•	•	•	•	•	•	•	•	•	3.55	3.26	2.36	1.30	.55	.14	.01	.02	.11	.82	1.67	3.62	17.41
#HOLLISTER	48.8	52.1	55.1	58.4	61.6	65.0	67.6	67.2	67.5	62.6	55.4	50.3	59.3	2.57	2.48	1.87	1.13	.35	.08	.01	.02	.18	.49	1.30	2.67	13.15
KING CITY	48.4	50.9	54.0	57.9	62.0	65.4	68.0	67.1	67.1	61.9	54.6	49.8	58.9	2.18	2.30	1.61	.92	.23	.06	.01	.01	.08	.29	.67	2.10	10.46
LIVERMORE 2 SSW	46.1	49.0	52.4	56.9	61.9	67.0	71.7	70.8	69.5	62.6	53.4	47.5	59.1	3.01	2.67	1.94	1.13	.49	.10	.01	.02	.12	.59	1.46	2.86	14.40
LOS GATOS	47.3	50.0	53.3	57.2	61.6	66.0	69.6	68.8	67.8	61.8	54.2	48.9	58.9	5.83	5.58	3.89	2.08	.71	.11	.00	.02	.21	1.09	2.34	6.25	28.11
#MOUNT HAMILTON	40.1	40.5	42.8	48.0	53.9	61.0	71.3	70.0	65.8	56.7	48.9	43.5	53.5	5.44	4.99	3.93	2.25	.92	.23	.01	.01	.12	1.24	2.61	5.45	27.20
OAKLAND AP	48.0	50.7	53.6	56.6	59.7	62.8	64.3	64.2	65.1	61.1	54.7	49.5	57.5	3.83	3.21	2.42	1.38	.65	.12	T	.03	.20	.78	1.73	3.58	17.93
PRIEST VALLEY	•	•	•	•	•	•	•	•	•	•	•	•	•	3.97	4.39	3.09	1.75	.50	.09	.01	.02	.16	.55	1.45	3.89	19.87
#REDWOOD CITY	48.2	51.0	53.9	57.2	61.3	65.3	67.9	67.2	66.5	61.2	54.7	49.8	58.7	4.34	3.60	2.55	1.33	.52	.11	.01	.02	.18	.80	1.68	4.12	19.26
SALINAS 2 E	49.7	51.7	53.6	55.7	58.5	60.7	62.0	62.3	63.6	60.9	56.1	51.6	57.2	2.98	2.65	2.07	1.22	.41	.08	.02	.04	.21	.53	1.13	2.80	14.14
SAN FRANCISCO AP-INTL	48.6	50.9	53.3	55.7	58.3	61.2	62.7	62.8	63.9	60.5	54.8	50.1	56.9	4.01	3.48	2.69	1.30	.48	.11	.01	.02	.19	.74	1.57	4.09	18.69
SAN FRANCISCO CO	50.7	53.0	54.7	55.7	57.4	59.1	58.8	59.4	62.0	61.4	57.4	52.5	56.8	4.55	3.66	2.93	1.44	.63	.14	.01	.04	.22	.89	2.00	4.27	20.78
SAN JOSE	49.2	52.0	54.8	58.0	61.8	65.6	68.2	67.6	67.3	62.4	55.5	50.5	59.4	2.70	2.56	1.91	1.06	.43	.06	.00	.03	.13	.56	1.05	2.62	13.11
SAN LUIS OBISPO POLY	51.6	53.1	55.0	57.0	59.3	62.1	64.9	64.7	65.4	63.0	58.7	54.1	59.1	4.41	4.41	3.10	1.91	.40	.16	.03	.03	.11	.70	1.70	4.57	21.53
#SANTA CLARA UNIVERSITY	48.3	51.2	54.3	57.6	61.7	65.3	67.9	67.3	66.8	61.7	54.5	49.6	58.9	2.87	2.68	2.08	1.11	.44	.06	.00	.02	.15	.57	1.11	2.92	14.01
SANTA CRUZ	49.0	50.8	52.9	55.3	58.3	61.3	63.0	63.0	63.3	59.8	54.6	50.6	56.8	6.84	5.81	4.15	2.11	1.01	.21	.03	.06	.27	1.38	2.76	6.62	31.25
#SEASIDE 1 LAKE	•	•	•	•	•	•	•	•	•	•	•	•	•	5.96	4.88	3.85	2.06	.83	.09	.01	.03	.28	1.23	2.71	5.74	27.67
SPRECKELS HWY BRIDGE	•	•	•	•	•	•	•	•	•	•	•	•	•	2.84	2.62	2.07	1.12	.45	.08	.01	.02	.18	.47	1.06	2.75	13.67
WALNUT CREEK 2 ESE	•	•	•	•	•	•	•	•	•	•	•	•	•	4.29	3.84	2.73	1.44	.67	.12	.01	.02	.14	.84	1.95	4.26	20.31
WRIGHTS	•	•	•	•	•	•	•	•	•	•	•	•	•	9.47	8.74	6.32	3.41	1.46	.32	.03	.06	.44	2.07	4.14	9.28	45.74
DIVISION	47.8	50.2	52.8	55.8	59.3	62.9	65.6	65.2	65.1	60.6	54.3	49.5	57.4	4.14	3.75	2.84	1.51	.59	.13	.02	.03	.18	.82	1.73	4.02	19.76
SAN JOAQUIN DRAINAGE																										
#ANGIOLA	•	•	•	•	•	•	•	•	•	•	•	•	•	1.48	1.41	1.22	.86	.23	.07	.01	.01	.06	.32	.61	1.27	7.55
ANTIOCH FIBREBOARD MILLS	49.7	49.8	53.9	59.2	64.9	70.7	74.0	72.3	70.6	63.2	53.4	47.0	60.4	2.70	2.42	1.95	1.05	.47	.09	.01	.02	.14	.56	1.14	2.79	13.34
#ASH MTN	46.2	49.3	53.0	59.0	66.0	74.6	83.4	81.8	76.6	66.4	55.3	48.6	63.4	4.55	4.85	4.28	3.00	1.17	.24	.05	.04	.21	.99	2.19	4.95	26.52
AUBERRY	43.3	45.8	49.5	55.9	62.9	70.0	78.8	77.1	72.1	61.9	51.4	45.7	59.5	4.37	4.89	3.85	2.36	.99	.14	.02	.01	.27	1.23	2.22	4.92	25.27
BAKERSFIELD AP	47.4	52.0	56.9	63.0	70.4	77.1	84.3	81.7	76.5	66.8	55.9	48.8	65.1	1.17	1.14	1.06	.81	.22	.09	.01	T	.08	.32	.49	.97	6.36
BIG CREEK PH 1	39.6	41.0	43.9	49.5	55.5	63.1	71.8	71.2	67.0	57.3	48.7	42.6	54.3	4.92	5.76	4.60	3.24	1.63	.43	.09	.04	.61	1.41	2.64	6.15	31.52
#CALAVERAS BIG TREES	36.9	38.2	41.4	46.8	53.4	60.8	68.7	67.2	62.7	53.4	44.5	39.6	51.1	10.26	9.60	8.26	4.63	2.41	.60	.07	.03	.47	2.75	4.90	9.58	53.56
CAMP PARDEE	45.6	49.1	53.0	58.5	64.8	71.9	78.8	77.1	73.8	65.1	54.9	47.5	61.7	3.89	3.66	3.33	1.90	.91	.20	.00	.00	.21	.97	2.02	3.43	20.52
COALINGA	49.8	50.0	54.3	60.9	67.6	74.7	81.9	79.6	74.6	65.0	54.1	47.3	63.0	1.39	1.62	1.09	.59	.28	.10	.03	.01	.08	.24	.55	1.30	7.28
#DENAIR	49.3	49.4	53.8	59.8	66.0	71.9	77.0	74.6	70.9	62.7	52.4	46.1	60.8	2.39	2.09	1.97	1.27	.52	.05	.01	.00	.15	.55	.98	2.33	12.31
#DUDLEYS	38.8	41.0	44.3	49.4	55.4	61.4	69.1	67.3	63.5	54.7	46.3	41.4	52.7	7.29	7.18	5.88	3.44	1.34	.36	.02	.01	.45	1.86	3.50	7.18	38.51
ELECTRA PH	48.9	49.3	52.9	58.3	64.8	71.4	77.9	76.0	72.3	63.6	53.7	47.3	61.1	5.67	5.44	4.68	2.64	1.31	.32	.02	.01	.26	1.62	2.93	5.09	29.99
ELLIOTT	•	•	•	•	•	•	•	•	•	•	•	•	•	3.24	3.08	2.70	1.55	.61	.15	.00	.01	.23	.80	1.51	3.24	17.12
FRESNO AP	45.5	49.8	54.4	60.8	67.5	73.9	80.6	78.4	73.9	64.3	53.2	46.4	62.4	2.03	2.19	1.96	1.13	.30	.07	T	.01	.10	.63	.95	1.97	11.14
#GIANT FOREST	32.0	33.4	37.3	42.1	47.8	55.5	64.0	63.2	59.2	49.5	40.5	34.8	46.6	7.85	8.49	6.88	4.52	1.90	.42	.12	.12	.35	1.68	3.70	8.37	44.40
HANFORD	45.2	49.7	54.7	61.4	67.8	74.2	80.5	78.1	72.9	63.6	52.4	46.1	62.2	1.54	1.59	1.34	.77	.23	.07	.01	.00	.05	.37	.68	1.47	8.12
#HETCH HETCHY	37.3	40.0	44.3	50.7	56.5	63.1	71.6	70.7	66.2	56.7	46.6	40.1	53.7	5.91	5.85	5.02	3.09	2.01	.75	.11	.08	.52	1.97	3.47	6.40	35.18
#HUNTINGTON LAKE	30.2	30.0	32.6	38.1	44.7	52.7	61.0	60.4	55.9	47.1	39.8	34.7	43.9	5.23	5.99	4.37	3.00	1.68	.52	.17	.07	.68	1.57	2.91	6.26	32.45
#IDRIA	49.2	47.3	51.0	56.7	63.8	71.8	80.0	78.4	72.9	63.2	53.6	47.8	61.0	3.09	3.40	2.60	1.47	.46	.06	.01	.05	.08	.53	1.07	3.04	15.86
KERN RIVER PH 1	49.6	53.6	58.4	64.8	71.6	78.8	87.3	85.6	80.6	70.3	59.2	51.4	67.6	2.02	1.94	1.83	1.42	.37	.11	.01	.02	.12	.55	.87	1.77	11.03
#LE GRAND	49.4	49.5	53.6	60.0	66.9	73.6	79.5	77.0	72.6	63.8	52.9	46.3	61.8	2.53	2.42	1.97	1.19	.41	.06	.00	.00	.13	.60	1.15	2.44	12.90
#LEMON COVE	46.6	51.2	55.8	62.4	69.4	75.8	82.3	79.9	75.0	65.7	54.6	47.5	63.9	2.67	2.65	2.06	1.51	.51	.15	.01	.03	.12	.70	1.24	2.41	14.06
LINDSAY	45.8	50.0	54.5	61.2	67.7	74.0	80.6	78.2	73.5	64.0	53.2	46.9	62.5	2.26	2.11	1.86	1.22	.46	.12	.01	.01	.11	.42	1.00	2.04	11.62
LODI	44.7	48.8	52.8	58.1	63.4	68.8	72.7	70.9	68.6	61.2	51.6	45.8	59.0	3.10	2.88	2.41	1.47	.61	.12	.00	.01	.23	.92	1.38	3.15	16.28
LOS BANOS	45.6	50.1	54.9	60.9	66.8	72.8	78.8	76.9	73.1	64.2	53.4	46.7	62.0	1.63	1.58	1.35	.87	.31	.03	.00	.01	.13	.44	.78	1.61	8.74
MADERA	45.4	50.0	54.5	60.9	67.6	73.9	80.1	77.8	73.2	64.2	53.2	46.6	62.3	1.91	1.95	1.73	1.17	.40	.08	.02	.01	.12	.51	.92	1.93	10.75
MARICOPA	47.7	52.4	57.7	64.5	71.6	78.5	86.3	83.9	78.4	68.1	56.5	49.1	66.2	1.11	.89	.88	.64	.25	.10	.00	.01	.11	.28	.52	.92	5.71
#MARIPOSA	•	•	•	•	•	•	•	•	•	•	•	•	•	5.68	5.83	4.58	2.49	1.01	.16	.01	.01	.39	1.35	2.80	5.64	29.95
#MENDOTA DAM	•	•	•	•	•	•	•	•	•	•	•	•	•	1.47	1.41	1.17	.81	.31	.06	.01	.00	.10	.37	.63	1.31	7.65
MERCED FIRE STA 2	46.9	49.1	53.5	60.0	66.7	72.9	78.6	76.3	72.1	63.1	52.2	46.0	61.3	2.32	2.25	1.86	1.24	.45	.08	.00	.00	.13	.49	1.08	2.22	12.12
#MIDDLEWATER	46.2	50.3	55.3	62.4	69.6	76.8	85.0	82.5	76.7	66.3	54.7	47.7	64.5	1.03	.96	.72	.48	.21	.06	.01	.02	.07	.22	.42	.89	5.09
MODESTO	45.0	49.3	53.9	59.6	65.5	71.2	76.3	74.0	70.8	62.6	52.3	46.0	60.5	2.27	2.11	1.82	1.26	.49	.07	.02	.01	.19	.58	.94	2.41	12.17
NEWHAN 2 NW	46.1	50.8	55.0	61.7	67.4	73.7	79.0	76.4	73.2	65.1	54.5	46.9	62.6	1.99	1.88	1.58	1.03	.36	.05	.00	.00	.16	.47	.78	2.08	10.38
NORTH FORK RS	•	•	•	•	•	•	•	•	•	•	•	•	•	5.97	6.33	5.17	3.05	1.42	.20	.04	.01	.43	1.48	3.07	6.55	33.72
#OAKDALE WOODWARD DAM	46.7	48.6	52.3	57.7	64.6	71.8	77.7	75.7	72.0	63.3	52.9	46.0	60.6	2.54	2.32	2.15	1.55	.55	.07	.00	.00	.13	.66	1.14	2.45	13.56
#ORANGE COVE	45.7	49.8	54.1	60.4	67.4	73.7	80.5	78.2	73.7	64.3	53.8	47.0	62.4	2.51	2.51	2.08	1.31	.39	.10	.01	.00	.10	.60	1.11	2.48	13.20
#PATTIWAY	•	•	•	•	•	•	•	•	•	•	•	•	•	1.87	1.70	1.64	1.10	.27	.08	.00	.05	.22	.46	.82	1.57	9.78
PIEDRA	•	•	•	•	•	•	•	•	•	•	•	•	•	3.30	3.24	2.74	1.55	.60	.10	.02	.00	.15	.79	1.40	3.21	17.10
PORTERVILLE	46.5	50.7	55.2	61.6	68.0	74.4	81.1	79.1	74.4	65.2	54.4	47.6	63.2	2.15	1.91	1.91	1.19	.41	.07	.01	.01	.07	.49	.94	1.90	11.06
SONORA	43.9	47.0	50.6	56.6	62.9	69.9	77.8	76.2	71.6	62.0	52.0	46.0	59.7	6.01	5.97	5.06	2.83	1.27	.27	.03	.02	.35	1.61	2.98	5.61	32.01
STOCKTON FIRE STA 4	46.7	48.9	53.2	58.6	64.1	70.0	74.5	72.6	69.8	62.2	52.1	45.8	59.7	2.79	2.63	2.15	1.26	.56	.09	.01	.00	.18	.62	1.23	2.79	14.31
TEJON RANCHO	47.1	50.9	55.6	61.9	68.3	75.4	82.7	80.5	75.6	66.0	55.2	48.7	64.0	2.12	2.05	2.02	1.61	.56	.12	.00	.02	.15	.62	1.11	1.80	12.18
THREE RIV EDISON PH 2	45.6	49.4	53.8	59.7	66.2	73.0	80.2	78.4	73.3	63.4	52.9	47.1	61.9	3.88	4.05	3.32	2.34	.88	.21	.02	.02	.13	.81	1.69	3.87	21.22
TIGER CREEK PH	41.4	44.6	48.3	53.6	59.4	66.1	74.0	73.0	68.9	59.8	49.7	43.0	56.8	8.65	8.15	6.95	3.85	2.19	.63	.03	.02	.48	2.36	4.61	7.83	45.75
#TURLOCK	•	•	•	•	•	•	•	•	•	•	•	•	•	2.26	2.09	1.93	1.21	.43	.05	.00	.00	.15	.55	.94	2.27	11.88
#VISALIA	46.8	51.5	56.4	62.9	69.2	75.8	82.1	79.9	75.2	66.1	55.2	48.0	64.1	2.02	1.98	1.60	1.03	.33	.06	.02	.00	.06	.43	.83	1.77	10.13
#WALLACE	•	•	•	•	•	•	•	•	•	•	•	•	•	3.79	3.47	3.33	1.86	.70	.16	.01	.00	.20	.81	1.82	3.47	19.62
WASCO	45.6	50.0	55.2	62.0	69.1	76.2	83.4	81.1	75.6	65.4	53.9	47.3	63.7	1.21	1.22	1.11	.83	.23	.06	.00	.00	.07	.27	.53	1.03	6.56
#WESTHAVEN	•	•	•	•	•	•	•	•	•	•	•	•	•	1.28	1.33	1.10	.67	.24	.12	.01	.00	.08	.33	.54	1.17	6.87
WHITE ROCK	•	•	•	•	•	•	•	•	•	•	•	•	•	4.59	4.17	3.47	2.15	1.02	.18	.01	.00	.22	1.16	2.28	4.25	23.50
#YOSEMITE NP	36.3	40.0	45.2	51.8	57.5	64.2	72.0	70.8	65.5	55.3	44.3	37.7	53.4	6.35	6.64	5.07	3.29	1.48	.51	.29	.06	.55	1.68	3.49	7.10	36.51
DIVISION	43.3	46.8	51.0	57.0	63.4	70.2	77.2	75.3	70.9	61.7	51.5	45.1	59.5	3.61	3.60	3.00	1.88	.81	.20	.04	.02	.22	.92	1.73	3.58	19.61
SOUTH COAST DRAINAGE																										
ACTON ESCONDIDO FC261B	•	•	•	•	•	•	•	•	•	•	•	•	•	2.07	2.08	1.65	.81	.22	.05	.06	.19	.19	.44	.74	2.12	10.62
ALTADENA	•	•	•	•	•	•	•	•	•	•	•	•	•	4.41	4.77	3.22	1.93	.33	.13	.02	.06	.30	.81	1.62	4.02	21.62
#ARROYO SECO RS FC 508	•	•	•	•	•	•	•	•	•	•	•	•	•	4.65	4.98	3.41	1.88	.41	.13	.03	.09	.32	.90	1.67	3.98	22.45
AVALON PLEASURE PIER	53.7	54.6	55.9	57.9	60.6	62.6	66.0	66.8	66.1	63.4	59.1	55.8	60.2	2.42	3.13	1.89	1.08	.19	.26	.00	.04	.13	.60	.99	2.36	13.09
#AZUSA CITY PARK FC 143	•	•	•	•	•	•	•	•	•	•	•	•	•	4.07	4.06	3.08	1.68	.25	.09	.01	.05	.21	.72	1.45	3.94	19.61
#BARRETT DAM	48.6	50.3	53.7	58.4	63.2	68.4	76.4	76.1	72.9	64.3	56.2	51.1	61.6	3.11	3.60	2.84	1.67	.45	.05	.08	.22	.33	.65	1.16	3.03	17.19
BEAUMONT	•	•	•	•	•	•	•	•	•	•	•	•	•	3.10	3.54	2.91	1.66	.47	.12	.11	.30	.30	.95	1.36	3.07	17.89
#BEAUMONT PUMPING PLANT	•	•	•	•	•	•	•	•	•	•	•	•	•	3.50	3.99	3.28	1.99	.65	.14	.21	.37	.35	1.08	1.56	3.21	20.33
#BEL AIR FC 1	•	•	•	•	•	•	•	•	•	•	•	•	•	4.12	4.21	2.66	1.55	.13	.07	.00	.02	.20	.47	1.42	3.83	18.68
#BIG BEAR LAKE DAM	•	•	•	•	•	•	•	•	•	•	•	•	•	6.68	7.20	5.74	3.20	.74	.12	.61	.61	.74	1.44	2.84	6.32	36.24

TABLE II - NORMALS BY CLIMATOLOGICAL DIVISIONS

STATIONS (By Divisions)	TEMPERATURE (°F) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL	PRECIPITATION (In.) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
SOUTH COAST DRAINAGE (CONTINUED)																										
#BIG DALTON DAM FC 223	•	•	•	•	•	•	•	•	•	•	•	•	•	4.78	5.22	3.94	2.46	.53	.17	.02	.09	.28	1.25	1.90	4.73	25.37
#BONITA	53.2	54.3	56.2	59.7	62.7	65.2	69.4	70.3	69.1	64.3	59.1	55.3	61.6	2.13	2.26	1.76	.89	.29	.06	.01	.08	.16	.50	.93	2.05	11.12
BURBANK FIRE DEP FC 226B	•	•	•	•	•	•	•	•	•	•	•	•	•	3.62	3.82	2.53	1.43	.22	.06	.01	.04	.20	.48	1.23	3.22	16.86
BURBANK AP	53.6	55.2	57.9	61.2	64.4	68.0	73.8	74.1	72.6	66.3	60.4	55.6	63.6	3.14	3.22	2.16	1.21	.18	.05	T	.05	.27	.49	1.05	2.71	14.53
CHATSWORTH FC 24 D	•	•	•	•	•	•	•	•	•	•	•	•	•	3.43	3.59	2.38	1.34	.18	.05	.00	.10	.15	.45	1.24	3.44	16.35
#CHULA VISTA	52.1	53.4	55.2	58.1	60.8	63.1	66.9	68.0	66.7	62.5	57.7	54.4	59.9	1.94	2.04	1.51	.85	.20	.04	.01	.09	.14	.49	.81	1.86	9.98
CLAREMONT FC 230D	•	•	•	•	•	•	•	•	•	•	•	•	•	3.70	3.96	2.95	1.61	.32	.10	.02	.10	.21	.79	1.45	3.81	19.02
CLAREMONT POMONA COLLEGE	51.0	52.6	55.3	59.1	63.1	67.6	74.4	74.1	72.5	65.6	58.8	53.4	62.3	3.73	3.64	2.83	1.56	.24	.07	.02	.12	.25	.76	1.43	3.40	18.05
CORONA	51.7	53.0	56.0	60.2	64.3	68.7	74.6	74.3	72.1	65.3	58.7	53.9	62.7	2.42	2.73	1.89	1.01	.20	.03	.02	.07	.13	.54	.99	2.39	12.42
#COVINA TEMPLE FC 193	•	•	•	•	•	•	•	•	•	•	•	•	•	3.47	3.54	2.69	1.48	.24	.08	.00	.05	.22	.75	1.34	3.52	17.38
CUYAMACA	39.0	40.5	44.3	49.7	55.5	62.9	70.7	69.7	65.1	55.0	46.5	41.7	53.4	6.12	7.59	6.32	3.80	1.08	.18	.58	.54	.67	1.47	2.42	6.05	36.82
#DESCANSO RS	•	•	•	•	•	•	•	•	•	•	•	•	•	4.33	5.12	4.32	2.72	.85	.14	.22	.42	.44	.91	1.59	4.14	25.20
DOWNEY FIRE DEPT FC107C	•	•	•	•	•	•	•	•	•	•	•	•	•	2.98	3.23	2.20	1.21	.18	.05	.01	.05	.23	.44	1.12	2.81	14.51
#DRY CANYON RESERVOIR	•	•	•	•	•	•	•	•	•	•	•	•	•	2.62	2.67	2.03	1.07	.34	.05	.01	.10	.18	.46	.84	2.56	12.93
ELSINORE	50.0	52.1	55.4	60.4	65.1	71.1	78.5	78.2	74.9	66.2	57.5	52.3	63.5	1.84	2.66	1.83	.84	.14	.03	.02	.11	.26	.55	.87	2.43	11.58
ESCONDIDO	51.0	52.7	55.7	59.6	63.2	67.3	73.1	73.4	71.4	64.2	57.3	53.0	61.8	2.94	3.23	2.56	1.36	.32	.09	.01	.15	.21	.84	1.30	3.21	16.22
GLENDALE STAPENHORST	•	•	•	•	•	•	•	•	•	•	•	•	•	3.96	3.85	2.67	1.41	.21	.06	.00	.04	.23	.48	1.38	3.19	17.48
#GLENDORA WEST F C 185	•	•	•	•	•	•	•	•	•	•	•	•	•	4.14	4.38	3.20	1.81	.30	.11	.01	.07	.25	.87	1.57	4.17	20.88
#HAINES CYN LOWER FC 364	•	•	•	•	•	•	•	•	•	•	•	•	•	4.93	5.31	3.70	2.10	.55	.13	.03	.10	.32	.81	1.79	4.49	24.26
#HAINES CYN UPPER FC 367	•	•	•	•	•	•	•	•	•	•	•	•	•	5.90	6.19	4.31	2.55	.63	.13	.03	.13	.40	1.08	2.15	5.19	28.69
HOEGEES FC 6 A	•	•	•	•	•	•	•	•	•	•	•	•	•	7.96	8.51	5.58	3.46	.65	.20	.02	.11	.52	1.44	2.84	7.17	38.46
#LA CRESCENTA FC 251	•	•	•	•	•	•	•	•	•	•	•	•	•	5.04	5.32	3.62	1.97	.42	.12	.01	.10	.29	.81	1.70	4.42	23.82
LAGUNA BEACH	53.6	54.7	56.3	59.0	61.9	64.5	68.0	68.6	67.4	63.4	59.0	55.3	61.0	2.46	2.64	1.91	1.11	.25	.08	.00	.07	.16	.55	1.11	2.13	12.47
LONG BEACH	54.8	56.1	58.1	60.5	63.5	66.3	70.8	71.3	70.2	65.8	61.1	57.1	63.0	2.63	3.13	1.82	1.02	.13	.05	.00	.04	.17	.39	1.08	2.54	13.00
LONG BEACH AP	52.4	53.9	56.8	59.8	63.4	67.1	71.9	72.4	71.1	66.0	60.4	55.0	62.5	1.99	2.31	1.37	.77	.11	.03	T	.03	.06	.17	1.03	1.97	9.84
#LOS ALAMOS	•	•	•	•	•	•	•	•	•	•	•	•	•	3.12	2.93	2.56	1.39	.28	.07	.03	.02	.16	.47	1.20	2.90	15.13
LOS ANGELES AP-INTL	53.4	54.2	56.0	57.9	60.5	63.3	67.8	68.1	67.5	64.0	60.1	55.9	60.8	2.66	2.88	1.79	1.05	.13	.05	.01	.02	.17	.39	1.09	2.39	12.63
LOS ANGELES CO	55.8	57.1	59.4	61.8	64.8	68.0	73.0	73.1	71.9	67.4	62.7	58.2	64.4	3.07	3.33	2.26	1.17	.16	.06	T	.04	.23	.41	1.08	2.87	14.68
#LYTLE CREEK PH	•	•	•	•	•	•	•	•	•	•	•	•	•	6.39	6.57	4.97	2.61	.15	.01	.12	.37	1.21	2.56	5.89	31.46
LYTLE CREEK RS	•	•	•	•	•	•	•	•	•	•	•	•	•	7.13	7.48	5.80	3.11	.52	.10	.01	.10	.40	1.28	3.03	6.76	35.72
#MILL CREEK 2	•	•	•	•	•	•	•	•	•	•	•	•	•	3.57	3.97	3.33	2.08	.68	.14	.19	.47	.48	1.12	1.48	3.42	20.93
MOUNT BALDY FC 85G	•	•	•	•	•	•	•	•	•	•	•	•	•	6.10	7.04	4.82	2.92	.51	.08	.03	.18	.57	1.58	2.74	5.93	32.50
NEWHALL SOLEDAD FC 32C	•	•	•	•	•	•	•	•	•	•	•	•	•	3.88	3.95	2.66	1.37	.28	.04	.00	.13	.13	.50	1.27	3.53	17.74
NEWPORT BEACH HARBOR	53.9	55.0	56.6	59.0	61.7	64.4	67.4	68.2	66.7	63.2	58.9	55.6	60.9	2.27	2.53	1.71	1.18	.20	.08	.01	.07	.18	.45	1.01	2.18	11.87
OJAI	50.2	52.1	54.8	58.8	62.6	66.7	73.2	72.8	70.8	64.4	57.7	52.7	61.4	4.31	4.37	3.19	1.85	.36	.04	.02	.05	.13	.56	1.49	3.83	20.20
OXNARD	53.3	53.9	55.2	57.2	59.4	61.5	64.8	65.2	64.5	62.2	58.6	55.2	59.3	3.33	2.99	2.27	1.13	.13	.05	.00	.03	.08	.40	1.14	3.20	14.75
OZENA	•	•	•	•	•	•	•	•	•	•	•	•	•	2.43	2.48	1.96	1.03	.32	.05	.06	.09	.21	.47	.85	2.33	12.28
PALOS VERDES EST FC 43D	•	•	•	•	•	•	•	•	•	•	•	•	•	2.51	2.62	1.77	.93	.14	.08	.00	.02	.22	.38	.95	2.33	11.95
PASADENA	53.2	54.6	57.2	60.4	63.5	67.5	73.6	73.7	72.4	66.2	60.2	55.5	63.2	4.33	4.46	2.84	1.73	.30	.10	.01	.06	.26	.71	1.53	3.92	20.25
POINT ARGUELLO WB	49.7	51.0	52.0	53.7	55.4	56.9	58.5	59.0	59.8	58.4	55.3	52.1	55.2	2.35	2.22	1.96	.94	.17	.05	.02	.02	.11	.42	.91	2.10	11.27
POMONA	49.6	51.9	55.2	59.3	63.2	67.8	74.2	73.7	71.5	64.2	56.5	51.3	61.5	3.67	3.62	2.83	1.55	.28	.07	.01	.08	.21	.72	1.36	3.38	17.78
REDLANDS	50.5	52.0	55.5	59.9	64.2	69.7	76.7	76.1	73.3	65.1	57.8	52.7	62.8	2.32	2.67	2.15	1.36	.32	.10	.06	.17	.28	.80	1.10	2.41	13.74
RIVERSIDE FIRE STA 3	51.3	53.1	56.3	60.5	64.8	69.6	75.9	75.5	73.3	65.7	58.1	53.3	63.1	1.97	2.29	1.75	.97	.22	.04	.06	.16	.09	.53	.83	2.13	11.04
#SAN ANTONIO CN MOUTH	•	•	•	•	•	•	•	•	•	•	•	•	•	5.21	5.41	4.11	2.41	.43	.08	.03	.08	.38	1.18	2.18	4.93	26.43
SAN BERNARDINO CO HOSP	51.4	53.3	56.5	60.9	65.2	70.5	77.6	77.2	74.3	66.2	58.5	53.5	63.8	3.23	3.72	2.69	1.61	.43	.09	.04	.16	.22	.85	1.36	3.31	17.71
SANDBERG PTL STA FC13 B	•	•	•	•	•	•	•	•	•	•	•	•	•	2.86	3.38	2.34	1.32	.40	.07	.02	.14	.24	.53	1.16	3.01	15.47
SANDBERG CO	39.9	41.4	45.0	50.8	56.6	64.8	74.4	73.3	69.3	58.7	49.0	42.7	55.5	2.55	2.58	1.44	.97	.31	.03	.02	.09	.21	.49	.92	2.49	12.10
SAN DIEGO AP	55.5	56.7	58.5	61.0	63.5	65.7	69.6	70.7	69.4	65.6	61.3	57.6	62.9	2.01	2.15	1.57	.79	.15	.05	.01	.08	.15	.49	.90	2.05	10.40
#SAN DIMAS FIRE WDN FC 95	•	•	•	•	•	•	•	•	•	•	•	•	•	3.80	3.94	2.93	1.61	.26	.11	.02	.09	.18	.75	1.41	3.62	18.72
SAN FERNANDO	53.3	54.2	57.1	60.8	64.1	68.2	74.3	73.8	72.1	65.8	61.0	55.6	63.4	3.51	3.69	2.64	1.47	.26	.08	.01	.04	.18	.48	1.21	3.30	16.87
SAN GABRIEL CANYON PH	•	•	•	•	•	•	•	•	•	•	•	•	•	4.35	4.71	3.34	1.92	.36	.14	.02	.08	.24	.84	1.63	4.26	21.89
SAN JACINTO	49.2	51.1	54.6	59.2	64.6	70.4	77.5	77.0	73.5	64.8	56.1	51.2	62.4	2.15	2.53	2.01	1.15	.26	.06	.10	.23	.33	.69	1.03	2.27	12.81
SAN PEDRO	54.5	55.5	57.2	59.4	62.0	64.6	67.8	68.4	67.9	64.3	60.6	56.8	61.6	2.31	2.54	1.51	.94	.17	.05	.00	.03	.05	.30	.90	2.27	11.07
#SANTA ANA FIRE STA	53.0	54.5	57.1	60.6	63.8	67.2	71.9	72.3	71.0	65.6	59.5	55.1	62.6	2.90	3.14	2.16	1.33	.25	.03	.01	.05	.18	.51	1.19	2.83	14.58
#SANTA ANA RIVER PH 1	•	•	•	•	•	•	•	•	•	•	•	•	•	4.09	4.95	3.82	2.41	.68	.11	.15	.30	.48	1.21	1.65	4.25	24.10
SANTA BARBARA	52.6	54.0	56.0	58.6	61.1	63.3	67.1	67.4	66.8	63.1	58.5	54.7	60.3	3.82	3.74	2.74	1.49	.33	.08	.03	.04	.05	.49	1.33	3.49	17.63
SANTA MARIA AP	50.2	51.8	53.3	55.6	57.6	59.6	62.2	62.4	62.8	60.4	56.1	52.4	57.0	2.84	2.50	2.06	1.19	.22	.14	.03	.03	.16	.60	1.02	2.58	13.37
SANTA MONICA	•	•	•	•	•	•	•	•	•	•	•	•	•	3.18	3.39	2.09	1.26	.11	.06	.01	.02	.17	.39	1.15	2.84	14.67
#TOPANGA PATROL STA FC 6	•	•	•	•	•	•	•	•	•	•	•	•	•	5.45	5.31	3.62	1.96	.23	.07	.00	.04	.25	.57	1.74	4.99	24.21
TORRANCE	53.0	54.5	56.2	58.8	61.6	64.4	68.2	68.5	67.5	64.0	59.4	55.3	61.0	2.68	2.91	1.81	.94	.12	.06	.00	.02	.23	.37	1.06	2.35	12.55
#TUSTIN IRVINE RANCH	52.6	54.1	56.5	60.2	63.6	67.0	71.4	71.5	70.3	64.7	58.7	54.4	62.1	2.59	2.80	1.93	1.27	.25	.05	.01	.04	.17	.47	1.10	2.48	13.16
#VAN NUYS FC 15B	•	•	•	•	•	•	•	•	•	•	•	•	•	3.64	3.43	2.44	1.30	.19	.05	.00	.06	.19	.40	1.14	3.01	15.85
VENTURA	•	•	•	•	•	•	•	•	•	•	•	•	•	3.24	2.93	2.41	1.10	.21	.05	.00	.02	.05	.31	1.01	2.89	14.22
#VINCENT FIRE STA FC 12	•	•	•	•	•	•	•	•	•	•	•	•	•	1.68	1.72	1.40	.58	.12	.03	.09	.24	.17	.40	.67	1.79	8.89
WARNER SPRINGS	44.2	45.6	48.6	53.4	58.6	65.1	73.0	72.7	68.7	59.7	51.6	46.9	57.3	2.64	3.13	2.40	1.29	.29	.06	.48	.94	.31	.75	1.16	2.76	16.21
WHITTIER FC 1 6 D	•	•	•	•	•	•	•	•	•	•	•	•	•	2.91	3.08	2.27	1.29	.19	.04	.01	.06	.21	.47	1.09	2.78	14.40
YORBA LINDA	53.7	54.9	57.2	60.5	64.0	67.7	73.0	73.0	71.7	66.1	61.2	55.8	63.2	2.92	3.16	2.36	1.26	.25	.04	.00	.11	.25	.58	1.18	3.02	15.13
DIVISION	50.7	52.0	54.5	58.1	61.7	65.9	71.6	71.6	69.8	63.6	57.6	53.1	60.9	3.25	3.55	2.63	1.47	.32	.08	.07	.15	.25	.69	1.27	3.17	16.90
SOUTHEAST DESERT BASINS																										
#BIG PINES PARK FC 83B	•	•	•	•	•	•	•	•	•	•	•	•	•	4.57	5.46	3.56	2.09	.38	.09	.23	.44	.49	1.23	2.06	4.44	25.04
BISHOP AP	36.8	40.7	47.1	55.1	62.6	69.8	76.1	73.8	67.7	56.9	45.8	39.3	56.0	.99	.98	.55	.46	.20	.09	.12	.12	.19	.43	.53	1.18	5.84
#BLYTHE	52.6	57.0	63.4	70.9	77.6	85.1	92.1	91.0	85.5	73.4	60.1	53.8	71.9	.48	.48	.40	.13	.02	.03	.21	.84	.33	.27	.22	.55	3.96
BOULEVARD	•	•	•	•	•	•	•	•	•	•	•	•	•	2.47	2.65	2.18	1.29	.34	.05	.35	.97	.45	.59	.90	2.42	14.66
BRAWLEY 2 SW	53.9	58.0	64.1	71.5	78.6	86.0	92.9	92.3	87.5	75.8	62.6	55.7	73.2	.33	.35	.13	.08	.01	.01	.02	.32	.29	.24	.10	.42	2.30
DEATH VALLEY	52.0	58.2	67.3	77.0	85.1	93.9	101.6	99.1	90.9	77.0	61.5	53.1	76.4	.21	.24	.17	.16	.07	.01	.12	.14	.11	.10	.18	.27	1.78
EL CENTRO 2 SSW	53.6	57.6	63.6	70.8	78.0	85.4	92.2	91.2	86.3	74.9	62.1	55.2	72.6	.39	.41	.20	.12	.00	.01	.10	.37	.26	.25	.09	.45	2.65
FAIRMONT	43.5	45.7	49.8	56.1	62.0	70.2	79.2	78.1	73.5	62.9	52.1	45.8	59.9	3.14	3.16	2.32	1.13	.23	.05	.02	.14	.22	.48	1.09	3.04	15.02
HAIWEE	39.8	43.8	49.9	58.2	65.5	73.9	81.1	79.1	73.1	61.5	49.2	41.8	59.7	.99	1.12	.65	.46	.12	.07	.11	.20	.18	.43	.46	1.16	5.95
IMPERIAL	54.1	58.0	63.6	70.9	77.8	85.1	91.8	90.8	86.0	74.8	62.3	55.9	72.6	.37	.43	.18	.14	.01	.00	.07	.40	.37	.27	.11	.49	2.84
INDEPENDENCE	•	•	•	•	•	•	•	•	•	•	•	•	•	.78	.82	.38	.35	.11	.06	.13	.14	.17	.39	.47	1.17	4.97
#INDIO US DATE GARDEN	54.1	58.1	64.5	72.3	79.1	86.4	92.1	90.6	86.1	75.5	62.9	55.8	73.1	.50	.42	.25	.10	.01	.01	.12	.33	.43	.23	.30	.68	3.38
#PALMDALE	44.5	47.6	52.5	58.7	65.2	72.9	81.5	80.0	74.4	63.6	52.3	46.2	61.6	1.73	1.79	1.40	.57	.12	.03	.03	.22	.18	.37	.60	1.83	8.87
PALM SPRINGS	53.9	57.3	62.7	69.7	75.8	82.9	90.6	88.9	84.1	74.1	62.5	55.7	71.5	1.26	1.18	.72	.25	.02	.02	.28	.21	.34	.26	.40	1.34	6.28
SNOW CREEK UPPER	•	•	•	•	•	•	•	•	•	•	•	•	•	2.37	2.37	1.97	.77	.09	.04	.30	.48	.45	.50	.84	2.50	12.68
#SQUIRREL INN 2	38.8	39.9	43.4	48.3	53.6	61.2	69.1	68.7	65.1	55.2	46.8	41.7	52.7	7.56	8.94	6.54	3.59	.83	.14	.09	.21	.66	1.93	3.28	7.21	40.98
#TABLE MOUNTAIN	33.5	33.5	37.2	44.0	51.5	60.1	67.6	67.0	61.8	51.2	42.4	36.9	48.9	2.64	2.89	2.10	1.26	.25	.07	.21	.42	.48	.88	1.40	2.66	15.26
TRONA	45.1	50.6	57.4	65.8	73.6	81.6	89.4	87.2	80.3	68.0	53.9	46.1	66.6	.76	.87	.50	.20	.07	.06	.03	.13	.22	.18	.30	.70	4.02
VALYERMO RS	•	•	•	•	•	•	•	•	•	•	•	•	•	1.96	2.20	1.42	.61	.15	.02	.15	.30	.32	.54	.76	1.96	10.39
DIVISION	45.6	49.0	54.6	62.2	69.3	77.1	84.6	83.0	77.3	66.1	54.2	47.7	64.2	1.36	1.49	1.03	.57	.15	.07	.20	.36	.32	.45	.58	1.43	8.01

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1963 REVISIONS AND ADDITIONS TO CLIMATOGRAPHY OF THE UNITED STATES NO. 81-4 CALIFORNIA

TABLE I — NORMALS FOR FIRST ORDER STATIONS

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
BISHOP AP													
H4108 T 4													
MAX TEMP	53.7	58.1	65.8	73.5	81.9	90.7	98.0	96.3	89.8	77.5	65.0	56.1	75.5
MIN TEMP	19.8	24.3	29.3	36.7	43.2	48.9	55.2	52.2	46.5	37.3	26.5	22.4	36.9
AVG TEMP	36.8	41.2	47.6	55.1	62.6	69.8	76.6	74.3	68.2	57.4	45.8	39.3	56.2
DEG DAYS	874	666	539	306	143	36	0	0	42	248	576	797	4227
BLUE CANYON AP													
G5280 T 12													
MAX TEMP	43.6	43.3	46.2	53.1	60.3	67.3	77.0	76.6	71.9	62.2	53.8	47.5	58.6
MIN TEMP	30.5	30.8	32.8	38.0	44.1	51.1	59.0	56.8	53.9	45.3	37.5	33.0	42.7
AVG TEMP	37.1	37.1	39.5	45.6	52.2	59.2	68.0	66.7	62.9	53.8	45.7	40.3	50.7
DEG DAYS	865	781	791	582	397	195	34	50	120	347	579	766	5507
FRESNO AP													
H 326 T 5													
MAX TEMP	55.4	61.3	67.9	76.1	84.5	92.1	100.0	97.6	92.1	80.7	67.5	56.5	77.6
MIN TEMP	36.7	39.6	42.0	46.4	51.8	57.2	62.6	60.1	56.3	48.5	40.0	37.5	48.2
AVG TEMP	46.1	50.5	55.0	61.3	68.2	74.7	81.3	78.9	74.2	64.6	53.8	47.0	63.0
DEG DAYS	586	406	319	150	56	0	0	0	0	78	339	558	2492
LONG BEACH AP													
G 34 T 5													
MAX TEMP	65.3	65.7	68.1	71.2	73.9	77.2	82.0	82.6	82.1	77.8	73.9	68.0	74.0
MIN TEMP	40.8	43.1	45.3	48.8	53.1	57.7	61.1	62.0	60.4	55.1	48.4	43.9	51.6
AVG TEMP	53.1	54.4	56.7	60.0	63.5	67.5	71.6	72.3	71.3	66.5	61.2	56.0	62.8
DEG DAYS	375	297	267	168	90	18	0	0	12	40	156	288	1711
LOS ANGELES AP-INTL													
G 97 T 5													
MAX TEMP	63.8	63.7	65.0	66.9	68.7	71.1	75.9	75.4	75.8	73.0	71.1	66.5	69.7
MIN TEMP	45.0	46.7	48.9	51.9	55.2	58.5	62.3	62.8	61.1	56.8	51.0	47.3	54.0
AVG TEMP	54.4	55.2	57.0	59.4	62.0	64.8	69.1	69.1	68.5	64.9	61.1	56.9	61.9
DEG DAYS	347	277	264	177	121	54	19	16	36	62	159	267	1799
SACRAMENTO AP													
G 17 T 5													
MAX TEMP	53.2	58.6	64.8	71.4	78.2	86.5	93.4	91.9	88.2	77.6	64.2	54.6	73.6
MIN TEMP	37.2	39.8	42.0	45.3	49.7	54.4	57.4	56.3	55.0	49.4	41.6	38.1	47.2
AVG TEMP	45.2	49.2	53.4	58.4	64.0	70.5	75.4	74.1	71.6	63.5	52.9	46.4	60.4
DEG DAYS	614	442	360	216	102	6	0	0	12	81	363	577	2773
SACRAMENTO CO													
H 23 T 37													
MAX TEMP	54.4	59.7	64.6	71.3	76.9	84.5	90.0	88.6	86.7	76.5	65.2	55.3	72.8
MIN TEMP	38.3	41.2	43.8	47.3	51.4	55.5	58.0	57.0	56.0	50.8	43.2	39.2	48.5
AVG TEMP	46.4	50.5	54.2	59.3	64.2	70.0	74.0	72.8	71.4	63.7	54.2	47.3	60.7
DEG DAYS	577	406	338	192	102	9	0	0	12	78	324	549	2587
SAN DIEGO AP													
G 13 T 5													
MAX TEMP	64.6	65.4	67.7	69.2	70.9	72.6	76.8	78.0	77.6	74.4	72.1	67.0	71.4
MIN TEMP	45.4	46.9	50.2	53.8	57.0	59.8	63.4	65.5	62.2	57.8	51.4	47.2	55.1
AVG TEMP	55.0	56.2	59.0	61.5	64.0	66.2	70.1	71.8	69.9	66.1	61.8	57.1	63.2
DEG DAYS	313	249	202	123	84	36	6	0	15	37	123	251	1439
SANTA CATALINA AP													
* H1568 T 5													
MAX TEMP	59.7	60.5	61.4	64.0	66.7	70.2	77.9	79.6	79.5	73.3	67.8	62.4	68.6
MIN TEMP	47.4	47.5	47.6	49.3	51.3	53.5	59.4	61.2	60.9	57.3	53.1	49.7	53.2
AVG TEMP	53.6	54.0	54.5	56.7	59.0	61.9	68.7	70.4	70.2	65.3	60.5	56.1	60.9
DEG DAYS	353	308	326	249	192	105	16	0	9	50	165	279	2052
PRECIP	2.66	3.16	1.95	1.22	.36	.11	.02	.06	.20	.94	1.11	2.57	14.36

Continued

TABLE I — NORMALS FOR FIRST ORDER STATIONS

CALIFORNIA

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
STOCKTON AP													
* G 22 T 5													
MAX TEMP	52.4	58.2	65.0	72.8	80.6	88.6	95.4	93.1	88.6	77.7	64.6	53.9	74.2
MIN TEMP	37.0	39.7	42.3	46.5	51.7	56.9	60.9	59.3	56.7	50.2	41.3	37.9	48.4
AVG TEMP	44.7	49.0	53.7	59.7	66.2	72.8	78.2	76.2	72.7	64.0	53.0	45.9	61.3
DEG DAYS	629	448	350	186	34	0	0	0	6	71	360	592	2676
PRECIP	2.55	2.46	2.05	1.14	.44	.07	.01	T	.19	.63	1.17	2.66	13.37
TEMPERATURE (°F.)													
SAN FRANCISCO AP-INTL													
H 8 T 5													
AVG TEMP						61.3							
DEG DAYS						123							3012

TABLE II — NORMALS BY CLIMATOLOGICAL DIVISIONS

TEMPERATURE (°F.)													
CENTRAL COAST DRAINAGE													
SAN FRANCISCO AP-INTL						61.3							
PRECIPITATION (In.)													
SOUTH COAST DRAINAGE													
AVALON PLEASURE PIER						.06							12.89

* NEW STATION

REVISIONS TO FIRST ORDER STATIONS IN TABLE I AFFECT THE SAME STATIONS IN TABLE II.

USCOMM-WB-Asheville, N. C. -3/31/64- 2500