

1998

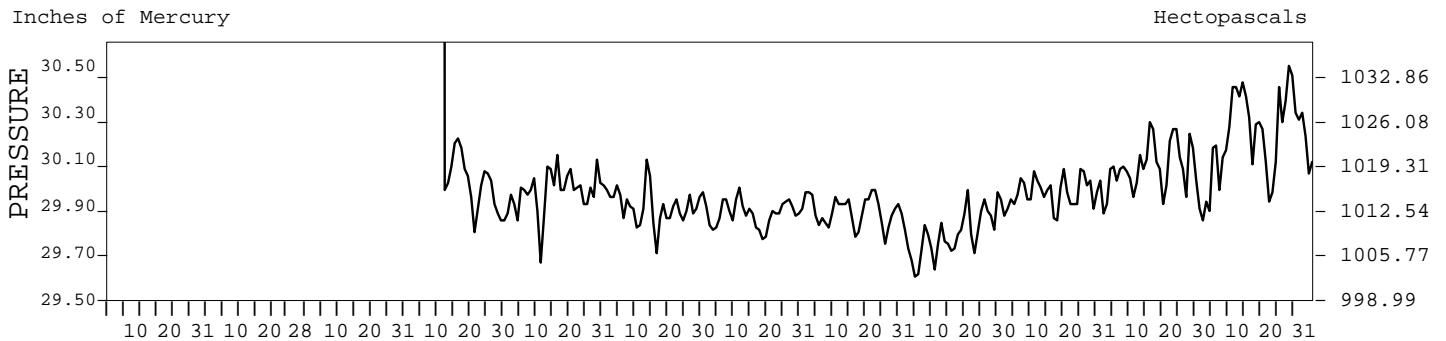
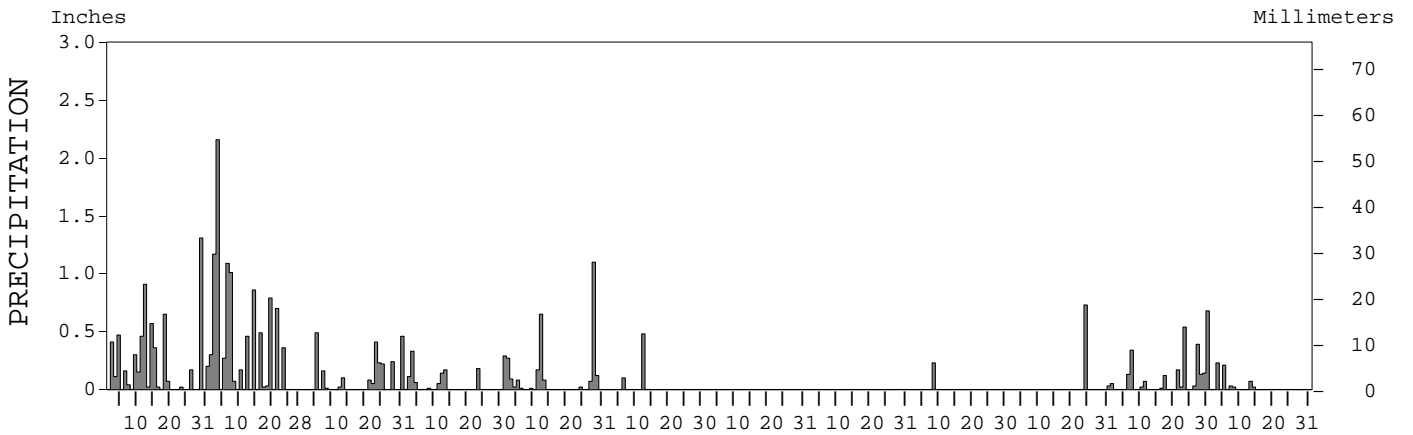
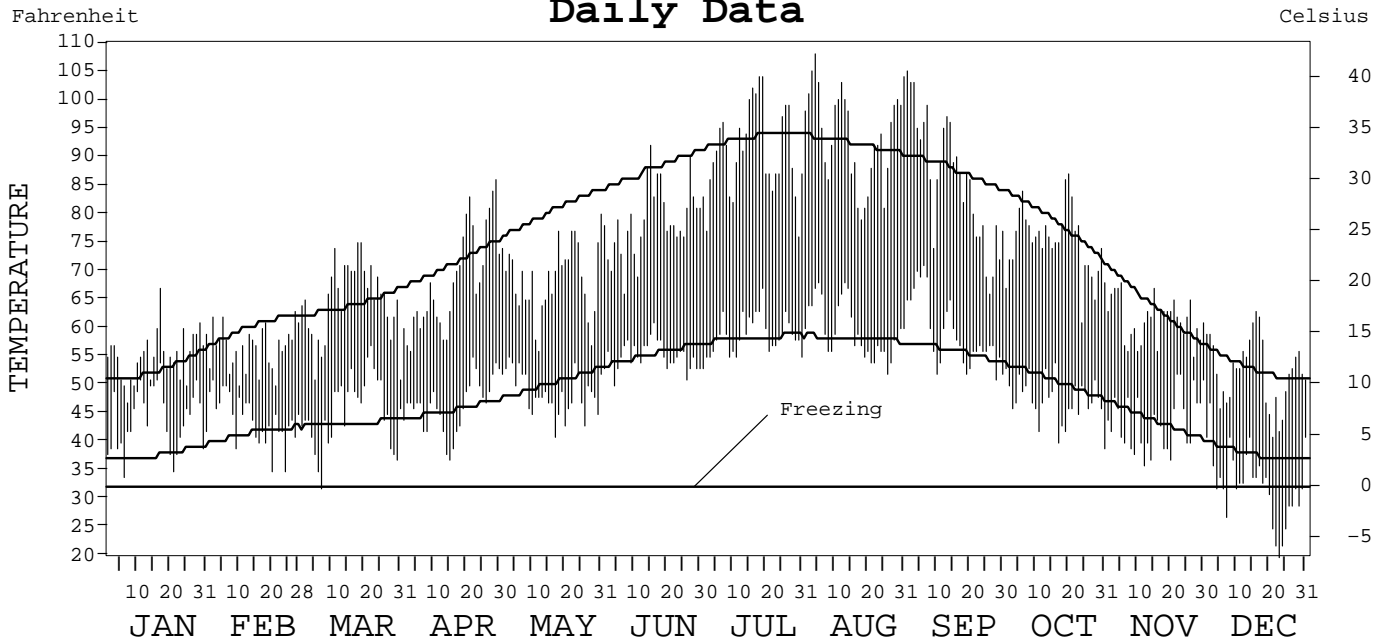
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-0807

SACRAMENTO,
CALIFORNIA (SAC)

Daily Data



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Thomas R. Karl

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL ENVIRONMENTAL AND INFORMATION SERVICE
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 ASHEVILLE, NORTH CAROLINA

METEOROLOGICAL DATA FOR 1998

SACRAMENTO, CA (SAC)

LATITUDE: 38° 30' 45" N LONGITUDE: 121° 29' 33" W ELEVATION (FT): GRND: 21 BARO: 21 TIME ZONE: PACIFIC (UTC+ 8) WBAN: 23232

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	55.3	56.6	64.9	68.4	68.7	78.8	90.8	93.9	86.0	75.1	61.5	52.4	71.0	
	HIGHEST DAILY MAXIMUM	67	63	75	86	80	92	104	108	105	87	68	63	108	
	DATE OF OCCURRENCE	17	27	19+	29	31	15	19+	04	01	20	05	16	AUG 04	
	MEAN DAILY MINIMUM	44.1	44.1	45.3	46.5	48.7	55.1	58.7	59.6	59.1	47.5	43.5	32.6	48.7	
	LOWEST DAILY MINIMUM	34	35	32	37	41	50	53	52	51	39	36	20	20	
	DATE OF OCCURRENCE	06	24+	07	15	17	04	01	26	28	31	12	23	DEC 23	
	AVERAGE DRY BULB	49.7	50.4	55.1	57.5	58.7	67.0	74.8	76.8	72.6	61.3	52.5	42.5	59.9	
	MEAN WET BULB					54.0	60.3	64.9		61.5	52.4	49.2	39.7		
	MEAN DEW POINT					50.7	56.4	60.2		55.4	44.7	46.4	36.5		
	NUMBER OF DAYS WITH:														
	MAXIMUM ≥ 90°	0	0	0	0	0	2	15	20	11	0	0	0	0	48
	MAXIMUM ≤ 32°	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MINIMUM ≤ 32°	0	0	1	0	0	0	0	0	0	0	0	15	0	16
MINIMUM ≤ 0°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H/C	HEATING DEGREE DAYS	465	404	299	233	190	13	0	0	8	113	367	689	2781	
	COOLING DEGREE DAYS	0	0	0	12	2	78	311	371	241	8	0	0	1023	
RH	MEAN (PERCENT)				75	79	74	67	62	62	62	83	82		
	HOUR 04 LST				95	93	92	88	85	80	80	94	93		
	HOUR 10 LST				70	70	67	61	57	55	53	79	82		
	HOUR 16 LST				52	64	53	41	35	39	35	65	62		
	HOUR 22 LST				85	86	82	75	70	69	71	89	88		
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	10	3	1	1	0	0	0	0	0	1	7	8	31	
	THUNDERSTORMS	0	0	2	0	0	1	0	0	0	0	0	0	3	
CLOUDINESS	AVG. SKY COVER (OKTAS)	7	7	5											
	SUNRISE - SUNSET														
	MIDNIGHT - MIDNIGHT														
	NUMBER OF DAYS WITH:														
	CLEAR	0	0	4											
	PARTLY CLOUDY	6	7	16											
	CLOUDY	25	21	11											
PR	MEAN STATION PRESS. (IN.)					29.96	29.90	29.87	29.87	29.79	29.96	30.06	30.23		
	MEAN SEA-LEVEL PRESS. (IN.)					29.98	29.92	29.89	29.89	29.81	29.98	30.08	30.25		
WINDS	RESULTANT SPEED (MPH)	4.7	6.9	2.0	3.0	4.0	5.6	4.9	3.2	3.9	1.8	2.6	1.0	2.8	
	RES. DIR. (TENS OF DEGS.)	14	14	22	20	19	22	21	21	21	29	16	31	19	
	MEAN SPEED (MPH)	7.8	9.7	7.3	6.6	7.1	8.6	6.9	5.6	6.2	5.7	5.4	4.7	6.8	
	PREVAIL. DIR. (TENS OF DEGS.)	14	12	20	22	22	22	19	20	21	32	15	33	20	
	MAXIMUM 2-MINUTE WIND:														
	SPEED (MPH)	21	35	23	23	26	38	18	17	25	30	36	25	38	
	DIR. (TENS OF DEGS.)	14	14	14	33	23	32	22	21	22	34	14	32	32	
	DATE OF OCCURRENCE	29+	07	31+	25+	16	16	28+	25	04	16	07	19	JUN 16	
	MAXIMUM 5-SECOND WIND:														
	SPEED (MPH)					31	46	23	22	30	38	46	32		
DIR. (TENS OF DEGS.)					23	32	21	22	22	34	15	32			
DATE OF OCCURRENCE					16	16	29+	08	04	16	07	19			
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	6.40	9.95	2.47	1.05	2.98	0.58	0.00	0.00	0.23	0.76	2.84	0.58	27.84	
	GREATEST 24-HOUR (IN.)	1.31	2.16	0.49	0.33	1.15	0.48	0.00	0.00	0.23	0.73	0.68	0.23	2.16	
	DATE OF OCCURRENCE	29	03	05	03	27-28	12			08	24	30	03	FEB 03	
	NUMBER OF DAYS WITH:														
	PRECIPITATION ≥ 0.01	19	16	12	8	14	2	0	0	1	2	15	6	95	
PRECIPITATION ≥ 0.10	14	13	8	5	6	2	0	0	1	1	9	2	61		
PRECIPITATION ≥ 1.00	1	4	0	0	1	0	0	0	0	0	0	0	6		
SNOWFALL	SNOW, ICE PELLETS, HAIL:														
	TOTAL (IN.)	0.0	0.0	0.0											
	GREATEST 24-HOUR (IN.)	0.0	0.0	0.0											
	DATE OF OCCURRENCE														
	MAXIMUM SNOW DEPTH (IN.)		0												
	NUMBER OF DAYS WITH:														
SNOWFALL ≥ 1.0	0	0	0												

HEATING DEGREE DAYS (base 65°F) 1998 SACRAMENTO, CA (SAC)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1969-70	0	0	1	129	323	519	478	359	304	258	56	9	2436
1970-71	0	0	4	129	286	578	603	466	379	249	114	14	2822
1971-72	0	0	33	191	363	673	731	390	197	190	63	11	2842
1972-73	0	0	6	115	451	749	636	325	424	141	15	1	2863
1973-74	0	0	0	77	384	553	571	456	332	251	93	9	2726
1974-75	7	0	0	44	347	569	661	435	449	389	69	1	2971
1975-76	0	0	0	72	306	539	547	374	315	211	1	3	2368
1976-77	0	0	1	44	252	567	650	345	424	92	187	9	2571
1977-78	0	0	17	68	309	472	451	362	235	269	46	0	2229
1978-79	0	0	11	51	449	715	606	446	313	236	57	2	2886
1979-80	0	0	0	100	391	558	551	373	408	164	107	29	2681
1980-81	2	0	4	134	339	596	557	405	420	229	81	2	2769
1981-82	0	0	9	66	145	498	708	398	434	282	70	40	2650
1982-83	3	0	31	125	532	675	670	353	354	303	99	4	3149
1983-84	3	0	0	7	333	425	514	421	206	191	22	11	2133
1984-85	0	0	0	115	335	611	693	377	433	122	89	11	2786
1985-86	0	2	15	95	450	689	411	284	192	200	73	0	2411
1986-87	0	0	53	47	277	593	614	377	340	95	37	0	2433
1987-88	1	0	0	11	339	544	522	307	212	138	94	27	2195
1988-89	0	0	3	38	329	576	640	496	285	106	50	3	2526
1989-90	0	0	11	107	316	634	536	453	289	71	53	6	2476
1990-91	0	0	0	24	356	739	543	274	427	205	104	6	2678
1991-92	0	0	0	82	267	572	657	310	265	104	0	9	2266
1992-93	0	0	0	24	340	643	605	426	214	202	55	21	2530
1993-94	0	0	5	33	399	634	550	449	248	147	48	1	2514
1994-95	0	0	0		515	654	415	354	364	210	105	26	
1995-96	0	0	0		166	421	513	302	250	154	21	1	
1996-97	0	0	0	121	294	423	511	336	214	104	7	1	2011
1997-98	0	0	0	56	248	577	465	404	299	233	190	13	2485
1998-	0	0	8	113	367	689							

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COOLING DEGREE DAYS (base 65°F) 1998 SACRAMENTO, CA (SAC)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1969	0	0	0	1	108	136	361	409	278	13	0	0	1306
1970	0	0	0	0	143	208	374	305	245	46	0	0	1321
1971	0	0	0	0	22	186	355	375	254	82	0	0	1274
1972	0	0	6	5	129	245	351	349	147	30	0	0	1262
1973	0	0	0	19	156	295	373	293	181	34	0	0	1351
1974	0	0	0	5	61	180	296	285	222	89	0	0	1138
1975	0	0	0	0	177	258	388	375	375	81	0	0	1654
1976	0	0	1	8	167	278	363	270	213	83	8	0	1391
1977	0	0	0	12	19	230	290	284	139	40	0	0	1014
1978	0	0	0	0	98	157	318	315	157	87	0	0	1132
1979	0	0	0	0	117	214	336	260	295	72	0	0	1294
1980	0	0	0	8	42	91	317	207	145	99	0	0	909
1981	0	0	0	26	78	303	318	301	155	28	7	0	1216
1982	0	0	0	2	67	83	230	213	133	9	0	0	737
1983	0	0	0	0	81	183	235	368	304	92	0	0	1263
1984	0	0	0	6	183	216	419	327	320	57	0	0	1528
1985	0	0	0	22	41	319	380	254	128	48	0	0	1192
1986	0	0	10	9	95	207	315	321	95	47	0	0	1099
1987	0	0	0	34	171	234	220	314	212	100	0	0	1285
1988	0	0	5	22	88	269	484	346	233	92	0	0	1539
1989	0	0	1	60	83	211	354	280	158	32	0	0	1179
1990	0	0	0	33	75	236	399	367	276	82	0	0	1468
1991	0	0	0	3	54	171	379	261	300	208	0	0	1376
1992	0	0	0	23	180	193	330	381	231	81	0	0	1419
1993	0	0	1	9	49	227	294	291	207	38	0	0	1116
1994	0	0	0	9	67	205	285	320	209		0	0	
1995	0	0	0	0	54	152	294	322	228		0	0	
1996	0	0	0	42	91	258	430	422	187	96	0	0	1526
1997	0	0	1	31	227	244	362	348	312	33	11	0	1569
1998	0	0	0	12	2	78	311	371	241	8	0	0	1023

SNOWFALL (inches) 1998 SACRAMENTO, CA (SAC)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1970-71	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971-72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972-73	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
1973-74	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1974-75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975-76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0
1976-77	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977-78	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978-79	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980-81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981-82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1982-83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983-84	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984-85	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985-86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986-87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987-88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988-89	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
1989-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990-91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991-92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992-93	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
1993-94	0.0	0.0	0.0	0.0	0.0	T	0.0	T	0.0	0.0	T	0.0	T
1994-95	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1995-96	0.0	0.0	0.0	0.0	0.0	T	0.0	T	0.0	0.0	0.0	0.0	T
1996-97	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997-98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998-													
POR= 48 YRS	0.0	0.0	0.0	0.0	0.0	T	T	0.0	T	0.0	T	0.0	T

WBAN : 23232

REFERENCE NOTES:

<p>PAGE 1: THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. NORMALS ARE 30-YEAR AVERAGES (1961 - 1990). ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p>	<p>GENERAL CONTINUED: CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED. WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH. RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION. AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2. SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL. A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65° F. DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR. DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY. WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.</p> <p>ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p>
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1998
SACRAMENTO,
CALIFORNIA (SAC)

Sacramento, and the lower Sacramento Valley, has a mild climate with abundant sunshine most of the year. A nearly cloud-free sky prevails throughout the summer months, and in much of the spring and fall. The summers are usually dry with warm to hot afternoons and mostly mild nights. The rainy season generally is November through March. About 75 percent of the annual precipitation occurs then, but measurable rain falls only on an average of nine days per month during that period. The shielding effect of mountains to the north, east, and west usually modifies winter storms. The Sierra Nevada snow fields, only 70 miles east of Sacramento, usually provide an adequate water supply during the dry season, and an important recreational area in winter. Heavy snowfall and torrential rains frequently fall on the western Sierra slopes, and may produce flood conditions along the Sacramento River and its tributaries. In the valley, however, excessive rainfall as well as damaging winds are rare.

The prevailing wind at Sacramento is southerly every month but November, when it is northerly. Topographic effects, the north-south alignment of the valley, the coast range, and the Sierra Nevada strongly influence the wind flow in the valley. A sea level gap in the coast range permits cool, oceanic air to flow, occasionally, into the valley during the summer season with a marked lowering of temperature through the Sacramento-San Joaquin River Delta to the capital. In the spring and fall, a large north-to-south pressure gradient develops over the northern part of the state. Air flowing over the Siskiyou mountains to the north warms and dries as it descends to the valley floor. This gusty, blustery north wind is a local variation of the chinook. It apparently carries a form of pollen which may cause allergic responses by susceptible individuals.

As is well known, relative humidity has a marked influence on the reactions of plants and animals to temperature. The extremely low relative humidity that ordinarily accompanies high temperatures in this valley should be considered when comparing temperatures here with those of cities in more humid regions. The extreme hot spells, with temperatures exceeding 100 degrees, are usually caused by air flow from a sub-tropical high pressure area that brings light to nearly calm winds and humidities below 20 percent.

Thunderstorms are few in number, usually mild in character, and occur mainly in the spring. An occasional thunderstorm may drift over the valley from the Sierra Nevada in the summer. Snow falls so rarely, and in such small amounts, that its occurrence may be disregarded as a climatic feature. Heavy fog occurs mostly in midwinter, never in summer, and seldom in spring or autumn. An occasional winter fog, under stagnant atmospheric conditions, may continue for several days. Light and moderate fogs are more frequent, and may come anytime during the wet, cold season. The fog is the radiational cooling type, and is usually confined to the early morning hours.

Sacramento is the geographical center of the great interior valley of California that reaches from Red Bluff in the north to Bakersville in the south. This predominantly agricultural region produces an extremely wide and abundant variety of fruits, grains, and vegetables ranging from the semi-tropical to the hardier varieties.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is December 1 and the average last occurrence in the spring is February 14.

STATION LOCATION

SACRAMENTO, CALIFORNIA

LOCATION	OCCUPIED FROM	OCCUPIED TO	AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION	LATITUDE NORTH	LONGITUDE WEST	ELEVATION ABOVE										REMARKS		
						SEA LEVEL	GROUND										AUCIOMAPATHIC	
							G	WIND	E	P	S	T	R	W	8			H
CITY 4th & J Streets St. George Building	7/01/77	11/27/79					70	46										Thermometer shelter most likely attached to window directly above street.
Second & K Streets Fratts Building	11/28/79	5/31/82	570 ft. WSW	38° 35'	121°31'	30	71	37										Thermometer shelter attached to window.
1006 Second Street Arcade Building	6/01/82	1/31/84	100 ft. N			26	72	37										Thermometer shelter attached to window.
117 J Street Lyon & Curtis Building	2/01/84	4/30/94	200 ft. WSW	38° 35'	121°30'	28	70	A62										A - 32 ft. (Window exposure) until moved to roof 8/18/85.
7th & K Street Old P.O. Building	5/01/94	10/31/33	2250 ft. ESE	38° 35'	121°30'	26	117	106		B 100			C100					B - Added 9/1/02; 112 ft. to 2/9/05. C - 112 ft. from 9/1/02 to 2/9/05.
9th & I Street P.O. & Court House Building	11/01/33	11/19/58	1375 ft. NE	38° 35'	121°30'	25	E 115	D87		84			F83					D - 92 ft. from 7/11/34 to 3/14/52. E - Removed 10/1/51 F - 84 ft. to 3/20/52.
1725 23rd Street State of Calif. Bldg.	11/19/58	9/28/64	1.4 mi. SSE	38° 34'	121°29'	23	53	37		36	G84		36					G - Installed at old site for comparison of catch.
P.O. & Courthouse Bldg. 9th & I Streets	9/29/64	Present	1.4 mi. NNW	38° 25'	121°30'	25		85		84	84		83					Temperature and precipitation data removed to Weather Bureau Office, Resources Building, 1416 9th Street. Data summarized and published through 1964.
AIRPORT United Airlines Radio Office, Municipal AP	6/03/30	12/01/37		38° 31'	121°30'	17	44	5 5										
Administration Bldg. Municipal Airport	12/01/37	5/17/56	1000 ft. NE	38° 31'	121°30'	17	77	5 5		3			3					
New Administration Building, Municipal AP	5/17/56	5/01/60	112 ft. WNW	38° 31'	121°30'	17	69	5 5 69%		3			3					% - Commissioned 5/25/56.
New Administration Building, Municipal AP+	5/01/60	Present	No Change	38° 31'	121°30'	17	20 b20	NA NA 69		3 b3	NA		a3	5 b5 c5	NA			Wind system and hygro-thermometer removed to field location, 1900 ft. ESE. Exposure excellent. a - Decommissioned 11/16/76. b - Relocated 1900 ft. SW 11/16/76. c - Type change 5/1/85.
+Name changed to Executive Airport in 1969.																S	ASOS Commissioned 04/15/98	

SUBSCRIPTION: Price and ordering information available through: National Climatic Data Center, Federal Building, Asheville, North Carolina 28801.
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