

Summary of Monthly Normals
1981-2010

Generated on 04/27/2024

Current Location: Elev: 5750 ft. Lat: 40.5411° N Lon: 121.5767° W
Station: MANZANITA LAKE, CA US USC00045311

Temperature (°F)																							
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days						
							Base (above)						Base (above)										
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0	
01	42.4	21.4	31.9	3.8	3.1	3.0	0	0	0	0	0	0	716	778	871	1026	0.0	0.0	7.0	3.6	29.5	0.2	
02	43.1	21.5	32.3	4.3	3.0	3.2	0	0	0	0	0	0	636	692	776	916	0.0	0.0	6.5	2.8	26.3	0.3	
03	47.1	24.5	35.8	4.0	3.1	3.3	-7777	0	0	0	0	0	595	657	750	905	0.0	0.0	11.7	0.9	27.4	0.0	
04	52.2	27.8	40.0	5.1	2.7	3.8	2	1	-7777	0	0	0	451	511	600	750	0.0	0.0	16.6	0.3	22.1	0.0	
05	61.7	34.5	48.1	5.1	2.6	3.7	31	20	8	1	-7777	-7777	245	295	376	525	0.0	0.0	26.0	0.0	12.4	0.0	
06	70.5	40.7	55.6	3.5	2.0	2.5	99	68	35	7	1	-7777	81	110	167	289	0.0	0.1	29.1	0.0	2.7	0.0	
07	78.8	45.3	62.1	3.6	2.6	3.0	233	180	112	37	7	3	14	24	49	128	0.0	1.0	31.0	0.0	0.3	0.0	
08	78.4	43.9	61.1	2.4	2.1	2.0	204	153	90	27	4	1	13	25	54	147	0.0	1.1	31.0	0.0	0.4	0.0	
09	72.3	39.6	56.0	3.8	2.8	3.2	104	72	36	6	1	-7777	76	104	158	278	0.0	0.2	29.4	-7777	3.0	0.0	
10	60.8	33.2	47.0	4.5	2.4	3.3	18	10	4	-7777	-7777	0	266	320	407	558	0.0	0.0	25.8	0.1	13.1	0.0	
11	47.0	26.1	36.5	4.0	2.9	3.3	-7777	-7777	-7777	0	0	0	554	613	703	853	0.0	0.0	11.3	1.2	24.2	0.0	
12	41.4	21.5	31.5	3.7	3.0	3.0	0	0	0	0	0	0	730	792	885	1040	0.0	0.0	5.6	4.5	29.1	0.3	
Summary	58.0	31.7	44.8	4.0	2.7	3.1	691	504	285	78	13	4	4377	4921	5796	7415	0.0	2.4	231.0	13.4	190.5	0.8	

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	5.91	12.9	9.9	4.0	1.4	2.97	4.91	8.65	
02	5.23	11.5	8.9	3.8	1.3	2.80	4.20	6.92	
03	5.10	12.1	10.1	4.1	1.1	2.93	4.37	6.67	
04	3.72	10.2	7.5	2.4	0.7	2.33	2.90	4.63	
05	3.19	7.8	6.0	2.0	0.7	1.21	2.10	4.35	
06	1.30	4.4	3.2	1.1	0.2	0.23	1.09	2.38	
07	0.45	1.3	0.9	0.3	-7777	0.00	0.12	0.56	
08	0.39	1.5	0.8	0.2	0.1	0.00	0.04	0.68	
09	1.17	3.0	2.0	0.9	0.3	0.03	0.79	1.47	
10	3.04	5.9	4.3	1.9	0.9	0.87	2.87	4.13	
11	5.43	11.0	8.9	3.6	1.4	2.62	4.69	7.22	
12	6.22	12.7	9.4	3.9	1.5	3.85	5.42	8.86	
Summary	41.15	94.3	71.9	28.2	9.6	19.84	33.50	56.52	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	33.1	9.4	8.3	4.5	2.5	0.5	29.4	27.5	26.4	22.7	20.0	32.0	45.0
02	34.9	9.2	8.5	4.9	2.7	0.5	27.1	26.5	26.0	24.0	9.5	24.0	58.5
03	33.9	8.6	8.3	4.9	2.7	0.4	27.4	26.3	25.3	21.6	18.0	28.0	46.5
04	20.8	6.1	5.8	3.0	1.4	0.4	15.5	13.2	11.1	8.9	5.0	14.8	29.5
05	6.3	1.9	1.7	0.8	0.5	0.1	3.3	2.2	1.6	0.9	0.0	3.0	10.5
06	0.8	0.4	0.4	0.1	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.5
07	-7777	-7777	-7777	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
08	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
09	0.1	0.1	0.1	-7777	-7777	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
10	3.9	1.1	1.1	0.5	0.2	-7777	1.8	1.0	0.6	0.1	0.0	0.0	9.0
11	11.8	5.4	4.8	2.8	1.7	0.3	12.0	8.6	6.2	3.0	5.5	11.0	18.0
12	31.7	8.9	8.0	4.5	2.8	0.5	27.5	24.2	21.2	15.6	15.0	26.4	46.5
Summary	177.3	51.1	47.0	26.0	14.5	2.7	144.4	129.7	118.4	96.8	73.0	139.2	264.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	13	34	97	270	470	684	656	480	241	45	9
45	1	1	7	39	158	327	529	501	338	130	12	1
50	0	-7777	-7777	11	78	199	377	348	208	56	2	-7777
55	0	0	-7777	2	31	99	233	204	104	18	-7777	0
60	0	0	0	-7777	8	35	112	90	36	4	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	17	18	37	85	195	310	450	442	336	183	39	13

Growing Degree Units (Accumulated Monthly)												
40	10	23	57	154	424	894	1578	2234	2714	2955	3000	3009
45	1	2	9	48	206	533	1062	1563	1901	2031	2043	2044
50	0	0	0	11	89	288	665	1013	1221	1277	1279	1279
55	0	0	0	2	33	132	365	569	673	691	691	691
60	0	0	0	0	8	43	155	245	281	285	285	285
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	17	35	72	157	352	662	1112	1554	1890	2073	2112	2125

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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