

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: -183 ft. Lat: 33.5697° N Lon: 116.0731° W

Station: MECCA FIRE STN, CA US USC00045502

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	70.4	43.9	57.2	3.5	2.9	2.5	99.5	62.4	25.9	3.5	0.2	0.0	32.8	57.7	114.3	246.9	0.0	0.1	31.0	0.0	2.3	0.0
02	73.9	47.2	60.6	3.8	2.9	2.8	169.2	125.1	72.2	20.3	3.1	1.2	13.8	25.7	56.8	144.9	0.0	1.0	28.0	0.0	0.6	0.0
03	80.8	53.8	67.3	4.2	2.7	3.2	382.1	321.6	235.8	116.3	41.2	24.2	0.8	2.4	9.5	45.1	0.5	7.1	31.0	0.0	0.0	0.0
04	86.9	59.2	73.0	2.7	2.3	2.4	541.5	481.7	392.4	248.5	123.4	83.3	0.0	0.2	0.8	7.0	2.3	15.6	30.0	0.0	0.0	0.0
05	94.6	66.3	80.4	3.7	2.3	2.8	788.9	726.9	634.0	479.6	328.6	270.9	0.0	0.0	0.1	0.7	11.2	25.4	31.0	0.0	0.0	0.0
06	102.5	72.3	87.4	2.9	2.1	2.3	972.0	912.0	822.0	672.0	522.0	462.1	0.0	0.0	0.0	0.0	24.1	29.5	30.0	0.0	0.0	0.0
07	106.6	80.0	93.3	1.9	3.0	2.3	1187.3	1125.3	1032.3	877.3	722.3	660.2	0.0	0.0	0.0	0.0	30.4	31.0	31.0	0.0	0.0	0.0
08	106.2	80.2	93.2	1.7	1.9	1.5	1184.2	1122.2	1029.2	874.2	719.2	657.1	0.0	0.0	0.0	0.0	30.1	31.0	31.0	0.0	0.0	0.0
09	101.5	73.7	87.6	1.9	2.6	2.0	978.0	918.0	828.0	678.0	528.0	468.2	0.0	0.0	0.0	0.0	23.9	29.6	30.0	0.0	0.0	0.0
10	91.2	62.1	76.6	3.0	2.7	2.5	671.1	609.1	516.4	364.4	221.0	170.4	0.0	0.0	0.2	3.2	5.9	22.5	31.0	0.0	0.0	0.0
11	78.0	50.4	64.2	3.4	3.0	2.9	283.6	230.1	158.7	67.3	18.5	9.8	7.6	14.1	32.6	91.3	0.0	2.7	30.0	0.0	0.5	0.0
12	68.9	42.1	55.5	2.6	2.3	2.0	71.6	43.0	17.0	2.4	0.1	0.0	56.0	89.4	156.4	296.8	0.0	0.0	31.0	0.0	4.3	0.0
Summary	88.5	60.9	74.7	2.9	2.6	2.4	7329	6677	5764	4404	3228	2807	111	190	371	836	128.4	195.5	365.0	0.0	7.7	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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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	0.60	2.8	1.5	0.3	0.1	0.00	0.13	0.40	
02	0.56	1.6	1.1	0.2	0.1	0.00	0.12	0.88	
03	0.32	1.1	0.9	0.2	0.0	0.00	0.02	0.25	
04	0.17	0.5	0.3	0.1	0.0	0.00	0.00	0.07	
05	0.01	0.2	0.1	0.0	0.0	0.00	0.00	0.00	
06	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
07	0.21	0.5	0.4	0.1	0.1	0.00	0.00	0.15	
08	0.08	0.6	0.3	0.0	0.0	0.00	0.00	0.10	
09	0.30	0.7	0.5	0.2	0.1	0.00	0.01	0.16	
10	0.23	0.7	0.5	0.2	0.1	0.00	0.00	0.10	
11	0.20	0.7	0.5	0.2	0.0	0.00	0.00	0.17	
12	0.37	1.4	0.9	0.3	0.1	0.00	0.07	0.65	
Summary	3.05	10.8	7.0	1.8	0.6	0.00	0.35	2.93	

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	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

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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	531.7	575.4	846.3	991.5	1253.9	1422.0	1652.3	1649.2	1428.0	1136.1	726.0	480.6
45	377.7	435.6	691.3	841.5	1098.9	1272.0	1497.3	1494.2	1278.0	981.1	576.0	325.9
50	228.2	297.1	536.3	691.5	943.9	1122.0	1342.3	1339.2	1128.0	826.1	426.9	180.4
55	99.5	169.2	382.1	541.5	788.9	972.0	1187.3	1184.2	978.0	671.1	283.6	71.6
60	25.9	72.2	235.8	392.4	634.0	822.0	1032.3	1029.2	828.0	516.4	158.7	17.0
Growing Degree Units for Corn (Monthly)												
50/86	326.0	354.1	535.2	645.4	801.2	873.4	1015.5	1020.4	894.7	731.3	460.8	300.5

Growing Degree Units (Accumulated Monthly)												
40	532	1107	1953	2945	4199	5621	7273	8922	10350	11486	12212	12693
45	378	813	1505	2346	3445	4717	6214	7708	8986	9968	10544	10870
50	228	525	1062	1753	2697	3819	5161	6500	7628	8455	8882	9062
55	100	269	651	1192	1981	2953	4140	5325	6303	6974	7257	7329
60	26	98	334	726	1360	2182	3215	4244	5072	5588	5747	5764
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	326	680	1215	1861	2662	3535	4551	5571	6466	7197	7658	7959

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