U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 73 ft. Lat: 37.6242° N Lon: 120.9506° W

Station: **MODESTO CITY CO AP, CA US USW00023258**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	56.1	38.8	47.5	3.1	3.3	2.3	3.9	1.4	0.3	0.0	0.0	0.0	237.9	297.4	389.4	544.0	0.0	0.0	26.8	0.0	4.7	0.0
02	62.2	41.8	52.0	2.8	2.8	2.2	23.8	11.1	2.6	0.0	0.0	0.0	107.8	151.1	226.6	364.1	0.0	0.0	27.8	0.0	1.1	0.0
03	68.1	45.2	56.7	3.8	1.8	2.6	95.8	62.2	26.8	3.0	0.2	0.0	44.7	73.0	130.7	261.8	0.0	0.0	30.9	0.0	0.0	0.0
04	73.8	48.4	61.1	3.1	2.0	2.4	196.5	149.0	89.0	28.9	6.7	3.0	13.5	25.9	55.9	145.9	0.0	1.3	30.0	0.0	0.0	0.0
05	82.0	53.7	67.8	4.1	2.6	3.3	399.4	339.1	253.3	132.7	54.3	35.0	1.0	2.8	10.0	44.3	0.5	6.5	31.0	0.0	0.0	0.0
06	89.7	59.2	74.5	3.0	2.0	2.4	583.5	523.5	434.0	288.3	160.5	118.7	0.0	0.0	0.5	4.9	3.8	16.1	30.0	0.0	0.0	0.0
07	95.0	62.7	78.8	2.3	2.2	2.1	739.3	677.3	584.3	429.3	276.4	218.0	0.0	0.0	0.0	0.0	7.0	25.6	31.0	0.0	0.0	0.0
08	93.5	62.0	77.8	2.0	2.0	1.9	705.3	643.3	550.3	395.3	242.5	184.8	0.0	0.0	0.0	0.1	4.8	23.1	31.0	0.0	0.0	0.0
09	89.1	58.6	73.9	1.9	1.7	1.6	565.5	505.5	415.7	268.9	137.4	94.7	0.0	0.0	0.2	3.5	1.7	15.0	30.0	0.0	0.0	0.0
10	79.0	51.5	65.2	2.8	2.2	2.2	320.1	261.6	179.8	75.2	24.2	14.1	2.4	5.9	17.1	67.5	0.0	2.6	31.0	0.0	0.0	0.0
11	65.7	43.2	54.5	3.1	2.5	2.5	62.4	39.0	16.3	1.9	0.1	0.0	78.8	115.4	182.8	318.4	0.0	0.0	29.8	0.0	1.0	0.0
12	56.2	38.6	47.4	2.3	3.9	2.4	4.9	1.9	0.3	0.0	0.0	0.0	240.4	299.5	390.9	545.5	0.0	0.0	27.6	0.0	5.6	0.0
Summary	75.9	50.3	63.1	2.9	2.4	2.3	3700	3215	2553	1624	902	668	726	971	1404	2300	17.8	90.2	356.9	0.0	12.4	0.0

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Station: **MODESTO CITY CO AP, CA US USW00023258**

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	2.57	9.7	5.6	2.0	0.3	0.99	2.24	3.86
02	2.22	9.1	5.7	1.4	0.2	0.74	2.07	2.87
03	1.78	8.2	4.7	1.2	0.0	0.77	1.49	2.51
04	1.00	4.7	2.5	0.5	0.1	0.27	0.99	1.53
05	0.65	3.0	1.7	0.4	0.1	0.11	0.23	1.02
06	0.15	1.0	0.4	0.1	0.0	0.00	0.01	0.15
07	0.00	0.1	0.0	0.0	0.0	0.00	0.00	0.00
08	0.01	0.1	0.1	0.0	0.0	0.00	0.00	0.00
09	0.06	0.4	0.3	0.0	0.0	0.00	0.00	0.11
10	0.55	2.3	1.1	0.3	0.1	0.04	0.23	0.94
11	1.07	5.6	2.7	0.5	0.1	0.41	0.91	1.75
12	2.21	9.1	5.5	1.4	0.1	1.17	2.00	3.26
Summary	12.27	53.3	30.3	7.8	1.0	4.50	10.17	18.00

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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	235.1	336.1	516.1	633.0	863.3	1033.5	1204.3	1170.3	1015.5	782.7	433.6	233.5
45	105.1	200.2	361.6	483.0	708.3	883.5	1049.3	1015.3	865.5	627.7	286.0	104.4
50	28.0	88.0	214.1	334.4	553.4	733.5	894.3	860.3	715.5	472.9	154.1	29.9
55	3.9	23.8	95.8	196.5	399.4	583.5	739.3	705.3	565.5	320.1	62.4	4.9
60	0.3	2.6	26.8	89.0	253.3	434.0	584.3	550.3	415.7	179.8	16.3	0.3
Growing Degree Units for Corn (Monthly)												
50/86	104.2	173.8	286.6	371.7	533.1	650.9	751.7	739.6	645.7	482.1	241.7	105.0

Growing Degree Units (Accumulated Monthly)

40	235	571	1087	1720	2584	3617	4821	5992	7007	7790	8224	8457
45	105	305	667	1150	1858	2742	3791	4806	5672	6300	6586	6690
50	28	116	330	664	1218	1951	2846	3706	4422	4894	5048	5078
55	4	28	124	320	719	1303	2042	2748	3313	3633	3696	3700
60	0	3	30	119	372	806	1390	1941	2356	2536	2552	2553
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	104	278	565	936	1469	2120	2872	3612	4257	4739	4981	5086

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

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