

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 103 ft. Lat: 37.5019° N Lon: 120.8456° W
Station: **TURLOCK #2, CA US USC00049073**

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	54.9	42.2	48.5	3.5	3.1	2.6	7.2	2.8	0.4	0.0	0.0	0.0	207.1	264.7	355.3	509.9	0.0	0.0	25.8	0.0	2.9	0.0
02	61.1	45.4	53.2	3.0	2.5	2.2	33.9	17.2	4.6	0.3	0.0	0.0	82.9	122.2	193.6	329.3	0.0	0.0	27.6	0.0	0.5	0.0
03	66.9	48.5	57.7	3.8	2.2	2.9	118.2	78.9	37.1	6.0	0.2	0.0	34.5	57.2	108.5	232.3	0.0	0.0	30.9	0.0	0.0	0.0
04	72.1	52.0	62.0	3.3	1.9	2.5	220.7	170.7	106.7	37.6	8.9	4.3	9.2	19.2	45.2	126.1	0.0	0.6	30.0	0.0	0.0	0.0
05	80.1	57.3	68.7	4.1	2.6	3.2	425.3	364.6	276.9	150.1	64.6	43.0	0.5	1.9	7.2	35.4	0.2	5.0	31.0	0.0	0.0	0.0
06	87.8	62.4	75.1	2.7	1.8	2.1	603.0	543.0	453.3	306.3	174.3	129.7	0.0	0.0	0.3	3.3	2.3	13.7	30.0	0.0	0.0	0.0
07	93.0	65.8	79.4	2.2	2.0	2.1	756.4	694.4	601.4	446.3	292.2	232.1	0.0	0.0	0.0	0.0	4.7	23.7	31.0	0.0	0.0	0.0
08	91.8	64.8	78.3	1.8	1.8	1.7	722.3	660.3	567.3	412.3	258.4	198.9	0.0	0.0	0.0	0.0	3.5	21.3	31.0	0.0	0.0	0.0
09	87.5	62.1	74.8	1.8	1.6	1.5	594.0	534.0	444.0	295.8	158.9	112.7	0.0	0.0	0.1	1.9	0.9	13.8	30.0	0.0	0.0	0.0
10	77.2	55.4	66.3	2.5	1.9	2.0	351.7	291.9	206.5	93.0	30.7	17.6	1.4	3.6	11.2	52.7	0.0	2.0	31.0	0.0	0.0	0.0
11	64.2	46.9	55.6	3.1	2.5	2.5	76.1	48.3	20.1	2.5	0.1	0.0	59.6	91.7	153.6	285.9	0.0	0.0	29.8	0.0	0.5	0.0
12	55.0	41.9	48.4	2.6	3.4	2.4	6.7	2.6	0.5	0.0	0.0	0.0	209.7	267.6	358.5	512.9	0.0	0.0	26.7	0.0	3.1	0.0
Summary	74.3	53.7	64.0	2.9	2.3	2.3	3915	3409	2719	1750	988	738	605	828	1234	2090	11.6	80.1	354.8	0.0	7.0	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	2.63	10.4	5.8	2.0	0.3	1.08	2.50	3.92	
02	2.29	10.3	5.8	1.6	0.2	0.72	2.19	3.07	
03	1.85	8.9	5.0	1.3	0.1	0.77	1.62	2.50	
04	0.93	4.8	2.6	0.4	0.1	0.41	1.00	1.41	
05	0.59	2.9	1.4	0.3	0.1	0.09	0.28	0.90	
06	0.12	0.9	0.3	0.1	0.0	0.00	0.00	0.08	
07	0.00	0.1	0.0	0.0	0.0	0.00	0.00	0.00	
08	0.01	0.2	0.0	0.0	0.0	0.00	0.00	0.00	
09	0.03	0.5	0.2	0.0	0.0	0.00	0.00	0.01	
10	0.61	2.6	1.2	0.4	0.1	0.06	0.30	1.08	
11	1.07	5.8	2.8	0.5	0.1	0.40	0.90	1.60	
12	2.26	9.8	5.6	1.3	0.2	1.13	1.93	3.57	
Summary	12.39	57.2	30.7	7.9	1.2	4.66	10.72	18.14	

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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	268.5	371.0	548.7	661.5	889.7	1053.0	1221.4	1187.3	1044.0	815.3	466.5	264.7
45	132.4	232.9	394.1	511.5	734.7	903.0	1066.4	1032.3	894.0	660.3	317.7	128.9
50	42.1	111.5	244.2	362.2	579.7	753.0	911.4	877.3	744.0	505.3	179.6	40.5
55	7.2	33.9	118.2	220.7	425.3	603.0	756.4	722.3	594.0	351.7	76.1	6.7
60	0.4	4.6	37.1	106.7	276.9	453.3	601.4	567.3	444.0	206.5	20.1	0.5
Growing Degree Units for Corn (Monthly)												
50/86	92.8	166.8	287.8	379.6	561.8	692.3	798.6	781.3	690.5	504.7	231.0	92.3

Growing Degree Units (Accumulated Monthly)												
40	268	640	1188	1850	2739	3792	5014	6201	7245	8060	8527	8792
45	132	365	759	1271	2006	2909	3975	5007	5901	6562	6879	7008
50	42	154	398	760	1340	2093	3004	3881	4625	5131	5310	5351
55	7	41	159	380	805	1408	2165	2887	3481	3833	3909	3915
60	0	5	42	149	426	879	1480	2048	2492	2698	2718	2719
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	93	260	547	927	1489	2181	2980	3761	4452	4956	5187	5280

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

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