

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 225 ft. Lat: 35.4028° N Lon: 119.4700° W

Station: **BUTTONWILLOW, CA US USC00041244**

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	57.6	37.5	47.5	3.6	3.3	2.6	8.2	4.2	1.4	0.1	0.0	0.0	239.1	297.1	387.3	541.0	0.0	0.0	27.1	0.0	7.0	0.0
02	64.0	40.9	52.4	2.9	3.1	2.2	31.2	17.0	6.0	0.4	0.0	0.0	102.7	144.5	217.4	351.8	0.0	0.0	27.9	0.0	2.6	0.0
03	69.8	45.3	57.5	3.7	2.4	2.7	116.9	79.7	38.3	6.3	0.4	0.1	37.9	62.7	114.3	237.3	0.0	0.2	31.0	0.0	0.4	0.0
04	76.0	49.0	62.5	3.0	2.0	2.4	235.2	185.3	120.7	46.3	11.4	5.2	10.1	20.2	45.6	121.2	0.0	2.4	30.0	0.0	0.0	0.0
05	84.3	56.1	70.2	4.5	2.7	3.4	471.6	410.4	321.8	189.7	90.2	61.7	0.4	1.2	5.7	28.5	1.1	9.9	31.0	0.0	0.0	0.0
06	92.4	62.3	77.3	2.8	1.7	2.1	670.5	610.5	520.6	372.4	232.5	182.0	0.0	0.0	0.1	1.9	5.9	20.2	30.0	0.0	0.0	0.0
07	97.8	67.7	82.7	2.5	1.9	2.1	860.2	798.2	705.2	550.2	395.5	334.1	0.0	0.0	0.0	0.0	12.0	29.5	31.0	0.0	0.0	0.0
08	96.6	65.8	81.2	1.9	2.0	1.7	812.2	750.2	657.2	502.2	347.7	286.8	0.0	0.0	0.0	0.0	9.3	28.1	31.0	0.0	0.0	0.0
09	91.4	60.1	75.8	2.1	2.3	2.0	622.5	562.5	472.7	325.1	189.0	141.8	0.0	0.0	0.2	2.7	3.5	19.7	30.0	0.0	0.0	0.0
10	80.8	50.5	65.6	2.6	2.8	2.5	334.1	276.1	195.7	90.7	32.2	19.0	3.9	7.9	20.5	70.6	0.1	4.5	31.0	0.0	0.1	0.0
11	67.3	40.8	54.1	2.7	2.6	2.4	60.4	37.5	15.7	2.7	0.2	0.0	88.9	125.9	194.2	331.1	0.0	0.0	30.0	0.0	3.0	0.0
12	58.2	35.6	46.9	2.9	3.3	2.3	6.5	2.8	0.6	0.0	0.0	0.0	257.5	315.8	406.7	561.0	0.0	0.0	28.2	0.0	10.6	0.0
Summary	78.0	51.0	64.5	2.9	2.5	2.4	4230	3734	3056	2086	1299	1031	740	975	1392	2247	31.9	114.5	358.2	0.0	23.7	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	1.19	6.3	3.4	0.6	0.1	0.36	1.11	1.79	
02	1.06	6.0	3.1	0.5	0.0	0.22	0.72	1.54	
03	1.15	5.4	2.8	0.6	0.1	0.32	0.86	1.51	
04	0.47	2.8	1.4	0.2	0.0	0.03	0.28	0.64	
05	0.27	1.6	0.7	0.1	0.0	0.00	0.05	0.34	
06	0.04	0.2	0.2	0.0	0.0	0.00	0.00	0.00	
07	0.07	0.2	0.0	0.0	0.0	0.00	0.00	0.00	
08	0.00	0.1	0.0	0.0	0.0	0.00	0.00	0.00	
09	0.03	0.3	0.1	0.0	0.0	0.00	0.00	0.00	
10	0.26	1.5	0.6	0.1	0.0	0.00	0.15	0.32	
11	0.46	2.7	1.5	0.1	0.0	0.09	0.39	0.70	
12	1.01	5.0	2.4	0.4	0.0	0.33	0.77	1.25	
Summary	6.01	32.1	16.2	2.6	0.2	1.35	4.33	8.09	

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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	239.6	348.9	544.0	675.1	936.2	1120.5	1325.2	1277.2	1072.5	795.2	421.9	220.1
45	113.9	213.7	389.6	525.1	781.2	970.5	1170.1	1122.2	922.4	640.1	276.6	101.8
50	37.9	100.8	241.7	376.0	626.2	820.5	1015.2	967.2	772.5	485.6	150.0	34.1
55	8.2	31.2	116.9	235.2	471.6	670.5	860.2	812.2	622.5	334.1	60.4	6.5
60	1.4	6.0	38.3	120.7	321.8	520.6	705.2	657.2	472.7	195.7	15.7	0.6
Growing Degree Units for Corn (Monthly)												
50/86	128.3	198.7	314.0	409.0	587.7	710.2	831.7	802.3	676.8	499.8	263.1	134.3

Growing Degree Units (Accumulated Monthly)												
40	240	588	1132	1808	2744	3864	5190	6467	7539	8334	8756	8976
45	114	328	717	1242	2024	2994	4164	5286	6209	6849	7125	7227
50	38	139	380	756	1383	2203	3218	4186	4958	5444	5594	5628
55	8	39	156	392	863	1534	2394	3206	3828	4163	4223	4230
60	1	7	46	166	488	1009	1714	2371	2844	3040	3055	3056
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	128	327	641	1050	1638	2348	3180	3982	4659	5159	5422	5556

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