

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 194 ft. Lat: 37.0031° N Lon: 121.5608° W

Station: GILROY, CA US USC00043417

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	60.7	38.1	49.4	3.0	3.4	2.4	6.6	2.0	0.1	0.0	0.0	0.0	180.2	237.6	328.7	483.6	0.0	0.0	30.3	0.0	5.4	0.0
02	64.0	40.4	52.2	3.6	2.4	2.4	25.4	12.2	2.3	0.1	0.0	0.0	103.8	146.7	220.8	358.5	0.0	0.0	27.8	0.0	1.7	0.0
03	68.1	42.6	55.3	3.8	2.0	2.5	70.0	41.3	14.4	1.3	0.0	0.0	59.2	92.5	158.6	300.5	0.0	0.0	31.0	0.0	0.5	0.0
04	71.9	44.5	58.2	2.8	2.2	2.2	124.2	86.0	44.0	10.1	1.3	0.4	28.2	49.9	98.0	214.1	0.0	1.0	30.0	0.0	0.1	0.0
05	77.3	49.0	63.1	4.1	1.9	2.7	258.2	202.6	129.3	46.6	12.0	6.6	5.6	12.0	31.6	103.9	0.3	3.3	31.0	0.0	0.0	0.0
06	82.8	51.6	67.2	2.9	1.5	1.8	366.2	306.7	219.6	96.9	30.4	17.6	0.2	0.7	3.6	30.9	1.1	6.9	30.0	0.0	0.0	0.0
07	87.2	54.0	70.6	2.9	1.6	2.0	483.6	421.6	328.7	176.9	62.8	36.8	0.0	0.0	0.1	3.3	1.9	11.3	31.0	0.0	0.0	0.0
08	87.2	54.4	70.8	2.4	1.6	1.6	489.8	427.8	334.8	181.9	62.3	35.2	0.0	0.0	0.0	2.1	2.1	11.7	31.0	0.0	0.0	0.0
09	84.9	52.5	68.7	2.1	2.1	1.8	411.2	351.6	263.7	130.8	44.1	25.4	0.2	0.6	2.7	19.8	2.0	9.5	30.0	0.0	0.0	0.0
10	78.8	47.9	63.4	3.5	2.0	2.4	262.4	206.2	132.3	47.1	11.0	5.4	3.6	9.3	28.5	98.4	0.3	4.5	31.0	0.0	0.0	0.0
11	68.3	41.6	55.0	3.0	2.6	2.5	68.7	42.4	17.0	2.3	0.1	0.0	70.2	103.9	168.5	303.8	0.0	0.1	30.0	0.0	1.9	0.0
12	60.4	37.0	48.7	2.4	3.5	2.1	6.3	2.1	0.2	0.0	0.0	0.0	201.5	259.3	350.5	505.2	0.0	0.0	30.4	0.0	6.5	0.0
Summary	74.3	46.1	60.2	3.0	2.2	2.2	2573	2102	1486	694	224	127	653	912	1392	2424	7.7	48.3	363.5	0.0	16.1	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	4.55	9.8	6.5	3.4	1.2	1.18	3.61	6.69	
02	4.27	9.8	6.6	3.1	1.2	1.29	3.87	5.59	
03	2.59	7.8	5.1	2.0	0.5	1.23	2.09	3.36	
04	1.30	5.1	3.1	0.8	0.2	0.56	1.12	1.51	
05	0.56	2.5	1.3	0.2	0.0	0.08	0.31	0.95	
06	0.15	0.6	0.2	0.0	0.0	0.00	0.00	0.11	
07	0.00	0.3	0.0	0.0	0.0	0.00	0.00	0.00	
08	0.03	0.3	0.1	0.0	0.0	0.00	0.00	0.00	
09	0.04	0.6	0.2	0.0	0.0	0.00	0.00	0.02	
10	0.85	2.8	1.7	0.5	0.2	0.12	0.43	1.23	
11	1.74	6.1	3.5	1.1	0.3	0.71	1.30	2.46	
12	3.69	9.3	6.4	2.9	1.2	1.54	3.09	5.95	
Summary	19.77	55.0	34.7	14.0	4.8	6.71	15.82	27.87	

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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	293.5	341.7	475.8	546.0	717.6	816.0	948.6	954.8	861.0	723.8	448.6	271.7
45	150.7	205.4	321.9	396.2	562.7	666.0	793.6	799.8	711.0	568.8	300.5	133.3
50	49.1	93.2	179.3	249.9	407.9	516.0	638.6	644.8	561.0	413.9	166.0	41.5
55	6.6	25.4	70.0	124.2	258.2	366.2	483.6	489.8	411.2	262.4	68.7	6.3
60	0.1	2.3	14.4	44.0	129.3	219.6	328.7	334.8	263.7	132.3	17.0	0.2
Growing Degree Units for Corn (Monthly)												
50/86	168.8	197.2	282.1	330.0	430.0	498.9	588.5	594.3	530.5	445.1	277.7	164.0

Growing Degree Units (Accumulated Monthly)												
40	294	635	1111	1657	2375	3191	4139	5094	5955	6679	7127	7399
45	151	356	678	1074	1637	2303	3096	3896	4607	5176	5477	5610
50	49	142	322	572	979	1495	2134	2779	3340	3754	3920	3961
55	7	32	102	226	484	851	1334	1824	2235	2498	2566	2573
60	0	2	17	61	190	410	738	1073	1337	1469	1486	1486
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	169	366	648	978	1408	1907	2496	3090	3620	4065	4343	4507

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