

Summary of Monthly Normals
1991-2020

Generated on 05/07/2024

Current Location: Elev: 310 ft. Lat: 37.8744° N Lon: 122.2606° W

Station: **BERKELEY, CA US USC00040693**

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	58.9	43.3	51.1	2.6	2.1	1.9	12.1	4.9	1.3	0.2	0.0	0.0	133.0	187.8	277.2	431.1	0.0	0.0	30.0	0.0	0.4	0.0
02	61.6	44.5	53.0	2.8	1.8	2.1	31.7	17.3	5.8	0.3	0.0	0.0	86.2	127.9	200.4	334.9	0.0	0.0	27.5	0.0	0.0	0.0
03	64.6	45.9	55.2	3.0	2.0	2.3	62.3	35.9	13.7	1.9	0.0	0.0	54.6	90.2	161.0	304.2	0.0	0.0	30.8	0.0	0.0	0.0
04	67.3	46.7	57.0	2.0	1.5	1.5	87.9	54.6	24.5	6.4	1.2	0.5	27.9	54.6	114.6	246.4	0.0	0.2	30.0	0.0	0.0	0.0
05	70.0	49.4	59.7	3.1	1.3	1.9	151.9	101.2	48.5	13.1	3.3	1.8	6.2	17.5	57.8	177.4	0.1	0.7	31.0	0.0	0.0	0.0
06	74.1	51.7	62.9	2.1	1.2	1.2	237.2	178.5	100.4	28.1	7.7	4.9	0.3	1.5	13.4	91.1	0.1	1.1	30.0	0.0	0.0	0.0
07	74.2	53.2	63.7	2.4	1.2	1.6	269.7	207.9	118.6	24.5	3.7	1.6	0.0	0.2	3.9	64.8	0.0	0.4	31.0	0.0	0.0	0.0
08	74.7	54.2	64.4	1.9	1.5	1.5	292.9	231.0	140.4	35.5	7.3	4.2	0.0	0.1	2.5	52.6	0.1	0.7	31.0	0.0	0.0	0.0
09	76.3	53.6	64.9	2.9	2.0	2.3	298.5	238.8	153.5	54.6	15.8	9.5	0.0	0.4	5.1	56.2	0.2	2.5	30.0	0.0	0.0	0.0
10	73.4	51.6	62.5	2.8	1.7	2.0	234.4	177.0	104.3	33.9	8.6	4.4	1.9	6.5	26.8	111.4	0.0	0.8	31.0	0.0	0.0	0.0
11	65.2	46.9	56.1	2.3	2.2	2.1	75.6	45.5	19.0	3.3	0.3	0.1	44.1	74.0	137.5	271.8	0.0	0.0	30.0	0.0	0.0	0.0
12	58.6	43.2	50.9	1.9	2.1	1.6	10.8	4.2	0.8	0.0	0.0	0.0	137.8	193.3	282.8	437.0	0.0	0.0	29.9	0.0	0.3	0.0
Summary	68.2	48.7	58.4	2.5	1.7	1.8	1765	1297	731	202	48	27	492	754	1283	2579	0.5	6.4	362.2	0.0	0.7	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	4.84	11.3	8.1	3.4	1.6	1.94	4.19	7.90	
02	5.12	10.5	7.9	3.5	1.6	1.86	4.54	8.04	
03	3.84	9.8	6.8	2.8	0.8	1.70	3.11	5.07	
04	1.83	7.0	4.6	1.5	0.3	0.65	1.65	2.31	
05	0.80	3.4	2.0	0.5	0.1	0.05	0.43	1.34	
06	0.26	1.2	0.5	0.0	0.0	0.00	0.04	0.21	
07	0.01	0.3	0.0	0.0	0.0	0.00	0.00	0.00	
08	0.05	0.6	0.1	0.0	0.0	0.00	0.00	0.02	
09	0.12	1.0	0.3	0.1	0.0	0.00	0.02	0.14	
10	1.19	3.2	2.0	0.8	0.2	0.10	0.58	1.90	
11	2.74	7.3	5.3	2.2	0.5	1.37	2.21	3.70	
12	5.32	11.0	7.7	3.7	1.4	2.63	4.43	8.20	
Summary	26.12	66.6	45.3	18.5	6.5	10.30	21.20	38.83	

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

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

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	344.2	365.4	472.7	510.0	610.7	687.0	734.7	757.9	748.5	697.5	481.5	338.4
45	193.7	227.4	318.4	360.0	455.7	537.0	579.7	602.9	598.5	542.5	331.8	187.9
50	71.1	105.7	172.4	212.6	300.9	387.0	424.7	447.9	448.5	387.5	188.5	66.0
55	12.1	31.7	62.3	87.9	151.9	237.2	269.7	292.9	298.5	234.4	75.6	10.8
60	1.3	5.8	13.7	24.5	48.5	100.4	118.6	140.4	153.5	104.3	19.0	0.8
Growing Degree Units for Corn (Monthly)												
50/86	141.0	166.9	232.5	266.2	325.0	390.0	423.7	444.1	441.8	395.7	238.1	138.0

Growing Degree Units (Accumulated Monthly)												
40	344	710	1182	1692	2303	2990	3725	4483	5231	5929	6410	6748
45	194	421	740	1100	1555	2092	2672	3275	3873	4416	4748	4935
50	71	177	349	562	863	1250	1674	2122	2571	2958	3147	3213
55	12	44	106	194	346	583	853	1146	1444	1679	1754	1765
60	1	7	21	45	94	194	313	453	607	711	730	731
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	141	308	540	807	1132	1522	1945	2389	2831	3227	3465	3603

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