

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 25 ft. Lat: 37.4436° N Lon: 122.1403° W
Station: PALO ALTO, CA US USC00046646

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	57.8	39.0	48.4	2.4	2.9	2.1	4.4	1.4	0.1	0.0	0.0	0.0	209.0	268.0	359.7	514.6	0.0	0.0	28.9	0.0	4.8	0.0
02	60.7	41.3	51.0	3.1	2.6	2.4	14.2	5.2	0.7	0.0	0.0	0.0	126.1	173.2	252.6	391.9	0.0	0.0	27.5	0.0	1.8	0.0
03	65.5	43.6	54.6	3.3	1.8	2.2	51.7	27.6	8.7	0.6	0.0	0.0	65.7	103.5	177.7	324.5	0.0	0.0	30.9	0.0	0.3	0.0
04	69.6	45.3	57.4	2.9	1.9	2.1	103.0	68.6	32.7	7.4	0.7	0.3	29.4	55.1	109.2	233.8	0.0	0.3	30.0	0.0	0.1	0.0
05	73.3	49.5	61.4	3.2	1.8	2.2	204.1	150.6	84.9	24.1	4.7	2.3	5.7	14.1	41.5	135.6	0.0	1.0	31.0	0.0	0.0	0.0
06	78.5	52.7	65.6	2.3	2.0	1.6	318.2	259.3	174.8	65.1	17.9	9.8	0.3	1.4	6.9	47.1	0.1	2.8	30.0	0.0	0.0	0.0
07	79.4	55.7	67.6	1.8	1.2	1.3	389.0	327.1	235.2	93.6	20.4	11.0	0.0	0.0	1.1	14.6	0.2	1.9	31.0	0.0	0.0	0.0
08	78.7	55.3	67.0	2.0	1.1	1.2	372.0	310.0	217.4	78.3	15.3	7.6	0.0	0.0	0.4	16.3	0.1	2.0	31.0	0.0	0.0	0.0
09	79.6	53.0	66.3	2.9	1.7	2.0	339.1	279.7	192.7	74.4	19.2	10.1	0.1	0.8	3.7	35.4	0.1	3.7	30.0	0.0	0.0	0.0
10	74.0	48.4	61.2	2.4	2.0	1.8	197.7	144.0	79.7	20.3	2.6	0.9	5.6	13.8	42.5	138.1	0.0	0.3	31.0	0.0	0.0	0.0
11	63.7	42.5	53.1	1.9	2.5	1.9	34.6	17.2	4.9	0.4	0.0	0.0	91.6	134.2	211.9	357.3	0.0	0.0	30.0	0.0	1.1	0.0
12	57.6	38.6	48.1	1.9	3.4	2.1	6.1	2.2	0.2	0.0	0.0	0.0	219.9	278.0	369.0	523.8	0.0	0.0	29.5	0.0	5.9	0.0
Summary	69.9	47.1	58.5	2.5	2.1	1.9	2034	1593	1032	364	81	42	753	1042	1576	2733	0.5	12.0	360.8	0.0	14.0	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	2.95	10.0	6.7	2.1	0.6	1.09	2.46	4.50	
02	3.18	10.1	7.0	2.1	0.7	1.11	3.15	4.40	
03	2.19	8.2	5.7	1.3	0.4	1.01	2.00	2.82	
04	0.97	5.2	3.2	0.6	0.0	0.22	0.56	1.30	
05	0.44	2.5	1.5	0.2	0.0	0.00	0.18	0.47	
06	0.10	0.7	0.3	0.1	0.0	0.00	0.01	0.08	
07	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
08	0.03	0.2	0.1	0.0	0.0	0.00	0.00	0.00	
09	0.07	0.5	0.2	0.0	0.0	0.00	0.00	0.13	
10	0.64	2.5	1.6	0.4	0.0	0.10	0.32	0.96	
11	1.60	6.2	3.7	1.2	0.3	0.61	1.28	2.21	
12	2.95	9.7	6.8	2.0	0.9	1.45	2.12	4.52	
Summary	15.12	55.8	36.8	10.0	2.9	5.59	12.08	21.39	

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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	262.3	308.3	451.0	523.5	663.4	768.0	854.0	837.0	789.0	657.2	393.1	253.9
45	123.9	175.0	296.6	373.7	508.4	618.0	699.0	682.0	639.0	502.2	246.5	119.0
50	33.7	69.6	153.4	226.3	353.6	468.0	544.0	527.0	489.0	347.5	116.9	35.3
55	4.4	14.2	51.7	103.0	204.1	318.2	389.0	372.0	339.1	197.7	34.6	6.1
60	0.1	0.7	8.7	32.7	84.9	174.8	235.2	217.4	192.7	79.7	4.9	0.2
Growing Degree Units for Corn (Monthly)												
50/86	124.4	154.2	245.6	298.9	379.6	464.8	534.9	520.1	482.5	386.2	209.0	121.8

Growing Degree Units (Accumulated Monthly)												
40	262	571	1022	1545	2208	2976	3830	4668	5456	6114	6507	6761
45	124	299	596	969	1478	2096	2795	3477	4116	4618	4864	4983
50	34	103	257	483	837	1305	1849	2376	2865	3212	3329	3364
55	4	19	70	173	377	696	1085	1457	1796	1993	2028	2034
60	0	1	10	42	127	302	537	754	947	1027	1032	1032
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	124	279	524	823	1203	1668	2202	2722	3205	3591	3800	3922

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