

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 3420 ft. Lat: 39.9367° N Lon: 120.9475° W

Station: QUINCY, CA US USC00047195

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	43.9	25.2	34.5	3.3	3.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	633.9	695.9	788.9	944.0	0.0	0.0	9.6	0.5	24.6	0.0
02	49.9	26.1	38.0	4.4	3.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	476.0	532.0	616.0	756.0	0.0	0.0	16.4	0.1	21.5	0.0
03	56.3	28.9	42.6	5.0	1.6	2.9	0.1	0.0	0.0	0.0	0.0	0.0	384.6	446.5	539.5	694.4	0.0	0.0	24.5	0.0	20.8	0.0
04	62.3	32.0	47.1	3.9	1.7	2.4	8.2	3.8	0.9	0.0	0.0	0.0	243.6	299.2	386.3	535.5	0.0	0.0	26.6	0.0	13.8	0.0
05	70.7	38.6	54.7	5.3	2.3	3.4	81.9	56.3	28.6	6.9	0.5	0.1	92.8	129.1	194.5	327.8	0.0	2.0	30.6	0.0	2.9	0.0
06	80.2	43.3	61.8	3.5	2.0	2.5	220.4	171.4	108.2	37.4	8.0	3.7	17.8	28.8	55.6	134.9	0.4	7.1	30.0	0.0	0.2	0.0
07	89.0	47.7	68.3	2.7	2.0	2.2	414.1	352.7	262.6	129.0	41.3	22.1	0.4	1.0	4.0	25.2	2.6	19.1	31.0	0.0	0.0	0.0
08	88.1	45.1	66.6	2.5	2.3	2.1	360.1	298.9	210.0	86.7	21.5	10.2	0.5	1.3	5.4	37.1	1.8	16.9	31.0	0.0	0.0	0.0
09	82.4	39.8	61.1	3.1	2.4	2.0	200.8	151.9	89.2	22.0	2.3	0.7	17.9	29.0	56.3	139.1	0.4	9.0	30.0	0.0	1.3	0.0
10	69.1	32.6	50.9	3.9	2.7	2.4	36.8	22.8	9.3	1.2	0.1	0.0	165.4	213.4	292.8	439.8	0.0	1.4	30.3	0.0	13.6	0.0
11	52.3	28.4	40.3	3.7	3.1	2.5	0.5	0.1	0.0	0.0	0.0	0.0	439.9	499.6	589.4	739.5	0.0	0.0	21.0	0.0	19.6	0.0
12	43.0	25.4	34.2	2.2	3.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	644.7	706.7	799.7	954.7	0.0	0.0	7.0	0.6	24.2	0.1
Summary	65.6	34.4	50.0	3.6	2.6	2.5	1323	1058	709	283	74	37	3118	3583	4328	5728	5.2	55.5	288.0	1.2	142.5	0.1

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	7.65	12.0	9.0	4.6	2.5	1.97	6.20	11.91	
02	7.59	11.1	8.6	4.4	2.5	2.46	6.51	10.60	
03	6.66	12.8	9.0	4.6	2.2	2.50	5.60	9.24	
04	3.14	9.1	5.9	2.1	0.8	1.63	2.23	3.10	
05	1.94	6.7	4.5	0.8	0.4	0.93	1.56	2.69	
06	0.71	3.1	1.9	0.3	0.1	0.17	0.45	0.84	
07	0.10	0.6	0.3	0.0	0.0	0.00	0.00	0.08	
08	0.14	0.9	0.3	0.0	0.0	0.00	0.00	0.07	
09	0.42	1.6	0.9	0.2	0.0	0.00	0.15	0.62	
10	1.94	5.1	3.5	1.3	0.6	0.60	1.58	2.69	
11	4.06	8.3	5.8	2.7	1.3	1.84	3.59	5.97	
12	7.32	12.2	9.1	5.0	2.9	3.34	5.85	10.71	
Summary	41.67	83.5	58.8	26.0	13.3	15.44	33.72	58.52	

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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	5.80	2.6	2.1	0.7	0.5	0.0	3.3	1.5	0.5	0.0	0.00	1.30	8.20
02	7.60	2.4	2.3	1.3	0.6	0.1	1.8	1.6	1.0	0.0	0.00	0.00	10.00
03	5.40	1.9	1.7	0.8	0.4	0.1	1.0	0.6	0.3	0.2	0.00	2.00	7.10
04	1.60	0.8	0.7	0.3	0.1	0.0	0.2	0.1	0.1	0.0	0.00	0.00	2.40
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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.70	0.7	0.7	0.3	0.1	0.0	0.1	0.1	0.0	0.0	0.00	0.00	1.00
12	6.20	2.4	2.0	0.7	0.3	0.0	0.5	0.2	0.1	0.0	0.00	1.80	11.50
Summary	28.4	10.9	9.5	4.1	2.0	0.2	6.9	4.1	2.0	0.2	0.0	5.1	40.2

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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	11.5	39.1	121.1	225.4	454.5	652.5	878.8	824.6	633.0	340.3	79.8	15.6
45	1.1	9.0	39.7	111.6	306.6	503.3	723.7	669.6	483.7	202.2	24.2	2.6
50	0.0	0.9	5.6	38.4	177.1	356.8	568.8	514.6	336.9	96.6	4.1	0.3
55	0.0	0.0	0.1	8.2	81.9	220.4	414.1	360.1	200.8	36.8	0.5	0.0
60	0.0	0.0	0.0	0.9	28.6	108.2	262.6	210.0	89.2	9.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	10.8	50.3	126.0	194.9	318.3	436.0	555.1	543.5	460.4	295.3	71.3	6.2

Growing Degree Units (Accumulated Monthly)												
40	12	51	172	397	852	1504	2383	3207	3840	4181	4261	4276
45	1	10	50	161	468	971	1695	2365	2848	3050	3075	3077
50	0	1	6	45	222	579	1148	1662	1999	2096	2100	2100
55	0	0	0	8	90	311	725	1085	1286	1322	1323	1323
60	0	0	0	1	30	138	400	610	700	709	709	709
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	11	61	187	382	700	1136	1691	2235	2695	2991	3062	3068

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

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