

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 135 ft. Lat: 38.5253° N Lon: 121.9778° W

Station: WINTERS, CA US USC00049742

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	56.5	37.5	47.0	3.8	3.0	2.4	2.0	0.6	0.1	0.0	0.0	0.0	249.9	310.5	403.1	558.0	0.0	0.0	27.2	0.0	5.1	0.0
02	62.0	40.5	51.3	3.7	2.3	2.4	20.1	9.6	2.6	0.1	0.0	0.0	125.1	170.6	247.6	385.2	0.0	0.0	27.4	0.0	1.6	0.0
03	67.9	44.1	56.0	4.3	2.1	3.0	89.5	58.3	26.0	4.5	0.4	0.1	58.6	89.4	150.0	283.5	0.0	0.0	30.8	0.0	0.2	0.0
04	74.2	47.5	60.8	3.2	1.9	2.3	192.4	146.3	88.9	29.2	5.6	2.4	16.9	30.8	63.4	153.7	0.0	1.6	30.0	0.0	0.0	0.0
05	82.5	52.9	67.7	4.5	2.1	3.2	395.7	336.5	252.4	133.6	55.7	36.7	2.0	4.8	13.7	49.9	1.2	8.3	31.0	0.0	0.0	0.0
06	90.1	57.9	74.0	2.7	1.7	2.0	570.1	510.2	421.1	276.1	147.6	106.2	0.1	0.3	1.1	6.1	4.9	18.0	30.0	0.0	0.0	0.0
07	95.3	59.5	77.4	2.0	1.8	1.7	694.4	632.3	539.4	384.6	231.7	173.9	0.0	0.0	0.0	0.2	8.9	27.7	31.0	0.0	0.0	0.0
08	94.5	58.8	76.7	2.1	1.9	1.7	671.2	609.1	516.2	361.2	208.3	151.6	0.0	0.0	0.0	0.1	8.0	26.6	31.0	0.0	0.0	0.0
09	90.9	56.6	73.7	1.9	1.9	1.6	562.4	502.4	412.9	266.4	134.9	92.2	0.0	0.1	0.4	4.0	3.6	19.7	30.0	0.0	0.0	0.0
10	80.5	50.2	65.4	3.5	2.2	2.5	324.1	266.2	185.8	82.6	27.5	15.5	3.2	7.3	19.9	71.8	0.3	5.1	31.0	0.0	0.0	0.0
11	66.4	42.2	54.3	3.5	2.2	2.4	61.3	37.9	15.5	2.4	0.2	0.0	82.3	118.8	186.4	323.3	0.0	0.0	29.9	0.0	1.3	0.0
12	56.8	37.3	47.0	3.0	3.4	2.2	3.4	1.1	0.1	0.0	0.0	0.0	249.8	309.5	401.5	556.4	0.0	0.0	28.3	0.0	6.5	0.0
Summary	76.5	48.8	62.6	3.2	2.2	2.3	3587	3110	2461	1541	812	579	788	1042	1487	2392	26.9	107.0	357.6	0.0	14.7	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	5.15	14.5	7.2	3.4	1.4	1.54	3.48	6.69	
02	5.04	11.5	7.4	3.7	1.8	1.52	4.56	7.41	
03	3.21	10.2	5.6	2.2	0.9	1.25	2.37	4.43	
04	1.38	6.2	3.0	0.8	0.4	0.62	0.99	2.00	
05	0.80	4.1	1.5	0.5	0.2	0.04	0.45	1.28	
06	0.15	1.1	0.5	0.0	0.0	0.00	0.00	0.19	
07	0.01	0.1	0.0	0.0	0.0	0.00	0.00	0.00	
08	0.02	0.3	0.1	0.0	0.0	0.00	0.00	0.00	
09	0.09	0.8	0.2	0.0	0.0	0.00	0.02	0.08	
10	0.87	3.4	1.3	0.6	0.2	0.08	0.46	1.43	
11	2.19	8.4	4.1	1.4	0.5	0.75	1.84	3.00	
12	4.86	12.9	7.6	3.2	1.1	2.12	3.12	8.11	
Summary	23.77	73.5	38.5	15.8	6.5	7.92	17.29	34.62	

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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	221.5	315.4	496.1	625.5	858.7	1020.0	1159.4	1136.2	1012.4	785.8	429.2	223.2
45	92.9	181.8	342.7	475.5	703.7	870.0	1004.4	981.2	862.4	630.8	282.1	94.9
50	20.8	77.0	200.2	327.5	548.8	720.0	849.4	826.2	712.4	476.0	151.8	23.3
55	2.0	20.1	89.5	192.4	395.7	570.1	694.4	671.2	562.4	324.1	61.3	3.4
60	0.1	2.6	26.0	88.9	252.4	421.1	539.4	516.2	412.9	185.8	15.5	0.1
Growing Degree Units for Corn (Monthly)												
50/86	110.1	170.5	283.5	375.7	527.8	634.1	702.6	692.2	624.2	487.9	251.2	112.7

Growing Degree Units (Accumulated Monthly)												
40	222	537	1033	1658	2517	3537	4697	5833	6845	7631	8060	8283
45	93	275	617	1093	1797	2667	3671	4652	5515	6145	6428	6522
50	21	98	298	626	1174	1894	2744	3570	4282	4758	4910	4933
55	2	22	112	304	700	1270	1964	2635	3198	3522	3583	3587
60	0	3	29	118	370	791	1330	1847	2260	2445	2461	2461
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	110	281	564	940	1468	2102	2804	3496	4121	4609	4860	4972

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