

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 2709 ft. Lat: 41.7031° N Lon: 122.6414° W

Station: YREKA, CA US USC00049866

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	46.1	27.3	36.7	2.8	3.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	567.3	629.3	722.3	877.3	0.0	0.0	9.8	0.4	26.3	0.1
02	51.7	29.0	40.4	3.8	2.7	2.8	0.1	0.0	0.0	0.0	0.0	0.0	410.2	466.2	550.2	690.2	0.0	0.0	17.1	0.1	23.0	0.0
03	58.1	32.3	45.2	4.0	2.2	2.7	3.0	1.1	0.1	0.0	0.0	0.0	306.8	366.9	459.0	613.8	0.0	0.0	25.6	0.0	20.7	0.0
04	64.3	36.5	50.4	3.6	2.3	2.7	37.3	23.8	10.6	1.4	0.0	0.0	175.2	221.7	298.5	439.4	0.0	0.0	28.3	0.0	11.4	0.0
05	73.9	43.4	58.6	4.9	2.2	3.3	167.4	129.6	81.9	29.9	7.5	3.8	54.3	78.5	123.8	226.8	0.0	2.3	30.9	0.0	3.5	0.0
06	82.9	48.6	65.8	3.9	2.4	3.0	331.2	277.8	204.4	104.6	39.4	24.3	8.7	15.3	31.8	82.0	0.8	8.6	30.0	0.0	0.3	0.0
07	93.0	55.4	74.2	3.6	2.6	2.9	595.2	533.4	441.7	294.0	161.0	116.1	0.1	0.4	1.7	9.0	6.5	22.7	31.0	0.0	0.0	0.0
08	92.2	53.8	73.0	2.3	1.8	1.8	558.1	496.5	404.7	256.2	126.2	85.0	0.2	0.6	1.8	8.3	3.5	22.1	31.0	0.0	0.0	0.0
09	84.4	46.9	65.7	2.7	1.6	1.9	327.4	273.2	198.3	94.9	28.0	14.2	8.0	13.8	28.8	75.5	0.6	10.3	30.0	0.0	0.5	0.0
10	69.7	37.7	53.7	3.6	2.4	2.5	71.2	49.0	26.7	6.0	0.2	0.0	111.4	151.3	222.0	356.3	0.0	0.6	30.8	0.0	9.3	0.0
11	53.9	31.2	42.5	3.4	3.1	2.7	1.7	0.3	0.0	0.0	0.0	0.0	375.1	433.8	523.5	673.4	0.0	0.0	20.5	0.0	20.9	0.0
12	44.9	27.1	36.0	2.6	3.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	588.8	650.8	743.8	898.8	0.0	0.0	7.3	1.2	26.3	0.1
Summary	67.9	39.1	53.5	3.4	2.5	2.7	2093	1785	1368	787	362	243	2606	3029	3707	4951	11.4	66.6	292.3	1.7	142.2	0.2

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	3.28	13.2	7.6	1.9	0.5	1.13	2.37	5.46
02	2.17	9.9	5.5	1.3	0.3	1.09	1.52	3.16
03	1.84	11.1	4.6	0.9	0.2	0.74	1.32	2.80
04	1.30	8.8	3.7	0.5	0.1	0.82	1.06	1.64
05	1.32	8.0	3.8	0.6	0.1	0.48	1.08	1.76
06	0.74	4.3	1.8	0.4	0.1	0.12	0.45	1.27
07	0.51	2.9	1.4	0.3	0.0	0.12	0.27	0.94
08	0.31	2.0	0.8	0.1	0.1	0.03	0.07	0.39
09	0.41	2.0	0.9	0.2	0.1	0.06	0.16	0.66
10	1.14	5.0	2.8	0.6	0.2	0.30	0.65	1.57
11	2.19	10.6	5.7	1.1	0.4	0.99	1.92	2.54
12	3.71	12.8	7.5	2.2	0.8	1.48	2.92	4.51
Summary	18.92	90.6	46.1	10.1	2.9	7.36	13.79	26.70

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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	4.30	1.9	1.2	0.4	0.2	0.0	2.0	1.2	0.8	0.2	0.00	1.30	5.00
02	2.60	1.7	0.9	0.3	0.1	0.0	1.0	0.5	0.2	0.0	0.00	0.00	3.10
03	0.40	0.4	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.30
04	0.20	0.2	0.1	0.0	0.0	0.0	0.1	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	1.50	0.8	0.3	0.2	0.0	0.0	0.7	0.3	0.1	0.0	0.00	0.00	0.50
12	2.60	1.6	0.9	0.2	0.1	0.0	1.3	0.7	0.2	0.0	0.00	1.50	3.40
Summary	11.6	6.6	3.6	1.1	0.4	0.0	5.2	2.7	1.3	0.2	0.0	2.8	12.3

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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	28.3	70.1	181.8	316.8	578.1	772.6	1060.0	1022.9	769.4	426.6	120.1	30.0
45	4.3	18.5	79.9	188.3	425.1	622.7	905.0	867.9	619.5	281.3	48.0	7.1
50	0.3	2.2	21.9	95.4	283.8	474.1	750.0	712.9	471.0	157.0	13.6	0.7
55	0.0	0.1	3.0	37.3	167.4	331.2	595.2	558.1	327.4	71.2	1.7	0.0
60	0.0	0.0	0.1	10.6	81.9	204.4	441.7	404.7	198.3	26.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	17.0	55.4	136.8	217.0	368.7	481.7	636.2	617.3	487.6	303.0	83.3	12.7

Growing Degree Units (Accumulated Monthly)												
40	28	98	280	597	1175	1948	3008	4031	4800	5227	5347	5377
45	4	23	103	291	716	1339	2244	3112	3731	4013	4061	4068
50	0	2	24	120	404	878	1628	2341	2812	2969	2982	2983
55	0	0	3	40	208	539	1134	1692	2020	2091	2093	2093
60	0	0	0	11	93	297	739	1143	1342	1368	1368	1368
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	17	72	209	426	795	1277	1913	2530	3018	3321	3404	3417

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