

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 5400 ft. Lat: 41.2683° N Lon: 120.2947° W
Station: JESS VALLEY, CA US USC00044374

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	42.5	20.9	31.7	4.4	3.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	722.4	784.3	877.3	1032.3	0.0	0.0	8.4	4.1	28.5	0.9
02	44.9	21.1	33.0	4.8	3.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	615.9	672.0	756.0	896.0	0.0	0.0	8.9	2.7	26.1	0.4
03	49.5	23.8	36.6	4.6	2.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	568.9	630.9	723.9	878.9	0.0	0.0	16.4	0.9	27.1	0.0
04	54.8	27.4	41.1	3.6	2.5	2.7	1.6	0.4	0.0	0.0	0.0	0.0	418.5	477.3	566.9	717.0	0.0	0.0	20.4	0.1	23.4	0.0
05	64.1	34.4	49.2	4.6	2.5	3.3	29.6	16.9	6.9	0.7	0.0	0.0	207.9	257.2	340.2	489.0	0.0	0.0	28.0	0.0	11.8	0.0
06	73.5	39.8	56.6	3.2	2.5	2.5	115.4	80.8	41.1	8.9	1.8	0.7	65.8	91.2	141.5	259.4	0.0	0.8	29.7	0.0	4.4	0.0
07	84.0	46.6	65.3	3.4	2.1	2.6	322.8	263.9	181.6	73.5	16.8	7.5	3.7	6.8	17.5	64.3	0.1	7.0	31.0	0.0	0.3	0.0
08	83.5	45.6	64.6	2.1	1.5	1.6	299.4	240.1	157.8	52.8	8.3	3.3	3.4	6.1	16.7	66.8	0.0	5.2	31.0	0.0	0.3	0.0
09	77.3	39.3	58.3	3.0	2.3	2.0	149.8	109.0	57.9	10.2	1.1	0.5	50.9	70.1	109.0	211.2	0.0	1.6	29.8	0.0	3.8	0.0
10	64.7	30.8	47.7	4.0	2.9	2.6	24.6	14.7	5.5	0.5	0.0	0.0	249.3	301.4	385.2	535.2	0.0	0.1	28.0	0.1	16.2	0.0
11	51.1	25.1	38.1	5.6	3.0	3.9	0.6	0.1	0.0	0.0	0.0	0.0	507.6	567.1	657.0	807.0	0.0	0.0	16.7	1.2	24.8	0.4
12	42.0	19.5	30.7	3.6	3.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	751.5	813.6	906.6	1061.7	0.0	0.0	7.4	4.5	28.4	1.6
Summary	61.0	31.2	46.1	3.9	2.7	2.9	944	726	451	147	28	12	4166	4678	5498	7019	0.1	14.7	255.7	13.6	195.1	3.3

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	1.93	9.1	6.2	0.8	0.1	1.07	1.89	2.49
02	1.56	8.6	5.4	0.6	0.0	1.01	1.47	2.12
03	1.85	10.0	6.6	0.9	0.1	1.42	1.77	2.15
04	2.38	9.8	7.2	1.4	0.3	1.87	2.31	2.82
05	2.77	8.3	6.2	1.8	0.6	1.16	2.19	3.78
06	1.53	4.8	3.6	1.0	0.2	0.73	1.12	1.92
07	0.43	1.6	1.1	0.3	0.0	0.00	0.16	0.56
08	0.38	1.9	1.3	0.2	0.0	0.01	0.16	0.63
09	0.58	2.7	1.6	0.2	0.0	0.12	0.34	0.80
10	1.15	5.0	3.8	0.7	0.1	0.41	0.69	1.75
11	1.90	8.1	5.7	0.9	0.1	1.02	1.93	2.45
12	2.41	9.3	6.7	1.1	0.2	1.18	2.08	3.05
Summary	18.87	79.2	55.4	9.9	1.7	10.00	16.11	24.52

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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	12.50	5.5	5.1	1.2	0.6	0.1					6.80	10.40	18.20
02	8.70	4.8	4.5	1.5	0.3	0.0					5.00	6.80	13.00
03	14.50	4.4	4.2	1.3	0.6	0.1					7.50	12.00	19.00
04	14.40	5.4	5.1	1.8	1.0	0.1					5.50	15.00	18.80
05	4.20	1.4	1.4	0.4	0.3	0.0					0.00	2.00	3.70
06	0.40	0.2	0.2	0.0	0.0	0.0					0.00	0.00	0.40
07	0.00	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					0.00	0.00	0.00
09	0.10	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
10	2.90	1.0	1.0	0.2	0.2	0.0					0.00	0.50	5.20
11	8.10	3.7	3.3	1.1	0.5	0.1					0.70	7.00	13.50
12	16.20	5.5	5.4	2.0	0.9	0.0					8.20	14.00	22.60
Summary	82.0	32.0	30.3	9.5	4.4	0.4	0.0	0.0	0.0	0.0	33.7	67.7	114.4

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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	12.4	15.8	45.9	104.5	298.8	500.4	784.0	761.0	549.9	266.2	75.1	10.0
45	1.2	1.7	8.5	40.3	173.4	355.6	629.1	606.2	404.9	150.7	28.1	0.9
50	0.0	0.0	0.8	10.9	83.2	223.3	474.7	452.0	269.4	69.7	6.5	0.0
55	0.0	0.0	0.0	1.6	29.6	115.4	322.8	299.4	149.8	24.6	0.6	0.0
60	0.0	0.0	0.0	0.0	6.9	41.1	181.6	157.8	57.9	5.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	17.6	26.6	60.6	103.1	222.0	346.8	513.1	507.2	405.6	233.4	76.3	15.0

Growing Degree Units (Accumulated Monthly)												
40	12	28	74	179	477	978	1762	2523	3073	3339	3414	3424
45	1	3	11	52	225	581	1210	1816	2221	2372	2400	2401
50	0	0	1	12	95	318	793	1245	1514	1584	1591	1591
55	0	0	0	2	31	147	469	769	919	943	944	944
60	0	0	0	0	7	48	230	387	445	451	451	451
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	18	44	105	208	430	777	1290	1797	2203	2436	2512	2527

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