

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 4306 ft. Lat: 34.6033° N Lon: 104.3811° W

Station: SUMNER LAKE, NM US USC00298596

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	55.1	24.0	39.6	4.4	2.5	2.9	1.3	0.6	0.2	0.0	0.0	0.0	480.2	541.5	634.1	788.9	0.0	0.0	21.9	1.5	27.4	0.0
02	59.7	27.5	43.6	4.2	2.7	2.9	7.1	3.5	1.3	0.0	0.0	0.0	326.3	378.6	460.4	599.2	0.0	0.0	22.3	0.9	21.1	0.1
03	67.5	34.1	50.8	3.3	2.3	2.4	48.9	30.7	13.2	1.9	0.1	0.0	179.0	222.9	298.4	442.1	0.0	0.0	28.5	0.2	13.0	0.0
04	75.2	41.2	58.2	3.4	2.3	2.6	154.3	116.3	68.6	19.9	3.2	1.5	58.3	80.2	122.5	223.8	0.0	1.0	29.1	0.0	3.4	0.0
05	84.6	51.4	68.0	4.0	2.0	2.8	410.3	352.5	269.9	151.2	66.2	43.5	7.3	11.5	21.8	58.2	0.6	9.7	30.9	0.0	0.2	0.0
06	94.2	61.0	77.6	3.1	2.3	2.6	677.8	617.9	528.2	379.2	235.7	182.7	0.0	0.1	0.4	1.3	6.3	21.6	30.0	0.0	0.0	0.0
07	95.5	65.2	80.3	3.2	1.4	2.1	785.8	723.8	630.8	476.1	323.0	262.8	0.0	0.0	0.1	0.3	5.7	25.3	31.0	0.0	0.0	0.0
08	93.4	63.5	78.5	3.4	1.6	2.4	726.8	664.8	571.8	417.2	264.5	205.4	0.0	0.0	0.0	0.4	3.7	22.1	31.0	0.0	0.0	0.0
09	86.4	56.0	71.2	3.6	2.2	2.6	488.6	430.0	343.9	209.1	97.3	62.5	2.7	4.1	8.0	23.2	0.4	10.4	29.9	0.0	0.1	0.0
10	76.0	43.7	59.9	3.2	2.4	2.0	195.5	150.3	93.6	31.1	5.2	1.9	45.1	62.0	98.2	190.8	0.0	1.5	30.5	0.1	2.2	0.0
11	64.5	32.3	48.4	4.6	2.8	3.3	30.3	18.4	7.5	1.0	0.0	0.0	228.3	276.4	355.4	499.0	0.0	0.0	26.3	0.5	15.5	0.0
12	55.2	25.0	40.1	3.6	2.4	2.5	2.4	0.9	0.2	0.0	0.0	0.0	464.1	524.6	617.0	771.8	0.0	0.0	20.9	1.1	26.4	0.2
Summary	75.6	43.7	59.7	3.7	2.2	2.6	3529	3110	2529	1687	995	760	1791	2102	2616	3599	16.7	91.6	332.3	4.3	109.3	0.3

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	0.35	2.4	1.2	0.1	0.0	0.00	0.20	0.62	
02	0.39	2.4	1.3	0.2	0.0	0.02	0.25	0.54	
03	0.61	3.1	1.8	0.4	0.1	0.14	0.59	0.95	
04	0.81	3.3	1.8	0.5	0.1	0.04	0.39	0.74	
05	1.16	4.2	2.2	0.7	0.2	0.09	0.64	1.91	
06	1.51	5.6	3.4	1.0	0.2	0.69	1.17	2.28	
07	2.47	7.2	4.2	1.4	0.7	1.25	2.28	3.53	
08	2.23	8.0	4.6	1.6	0.5	1.13	2.31	3.00	
09	1.90	5.7	3.9	1.0	0.3	0.98	1.48	1.99	
10	1.51	4.6	2.7	0.9	0.4	0.34	1.03	1.51	
11	0.49	2.4	1.1	0.2	0.1	0.06	0.24	0.58	
12	0.61	2.9	1.7	0.2	0.0	0.11	0.39	0.76	
Summary	14.04	51.8	29.9	8.2	2.6	4.85	10.97	18.41	

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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	2.40	1.0	0.7	0.4	0.2	0.0	2.2	1.1	0.4	0.0	0.00	0.00	4.00
02	1.70	1.2	0.9	0.1	0.0	0.0	1.3	0.2	0.0	0.0	0.00	0.00	3.70
03	0.70	0.5	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.60
04	0.30	0.1	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	0.30	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	0.70	0.6	0.4	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.00	0.00	1.30
12	3.40	1.5	1.2	0.4	0.1	0.0	2.2	1.0	0.6	0.3	0.00	1.20	5.00
Summary	9.5	5.0	3.7	1.0	0.3	0.0	6.8	2.4	1.0	0.3	0.0	1.2	14.6

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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	95.6	158.5	353.1	549.2	868.0	1127.8	1250.8	1191.8	935.9	618.1	281.4	106.1
45	35.6	76.9	223.0	405.2	713.4	977.8	1095.8	1036.8	786.0	467.2	168.5	43.3
50	9.3	28.7	119.5	269.6	560.0	827.9	940.8	881.9	636.7	323.7	83.1	13.1
55	1.3	7.1	48.9	154.3	410.3	677.8	785.8	726.8	488.6	195.5	30.3	2.4
60	0.2	1.3	13.2	68.6	269.9	528.2	630.8	571.8	343.9	93.6	7.5	0.2
Growing Degree Units for Corn (Monthly)												
50/86	119.2	159.3	279.2	378.4	542.9	697.1	788.2	760.4	594.7	408.6	231.1	121.3

Growing Degree Units (Accumulated Monthly)												
40	96	254	607	1156	2024	3152	4403	5595	6531	7149	7430	7536
45	36	112	336	741	1454	2432	3528	4564	5350	5818	5986	6030
50	9	38	158	427	987	1815	2756	3638	4274	4598	4681	4694
55	1	8	57	212	622	1300	2086	2812	3301	3496	3527	3529
60	0	2	15	83	353	881	1512	2084	2428	2522	2529	2529
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	119	278	558	936	1479	2176	2964	3725	4319	4728	4959	5080

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