

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 3280 ft. Lat: 34.4722° N Lon: 101.3006° W
Station: SILVERTON, TX US USC00418323

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	52.2	23.7	37.9	4.3	2.4	2.6	1.4	0.4	0.0	0.0	0.0	0.0	529.9	590.9	683.5	838.5	0.0	0.0	18.9	3.2	27.7	0.1
02	56.3	26.6	41.5	5.0	3.1	3.6	7.9	4.2	1.5	0.2	0.0	0.0	387.2	439.5	520.7	659.5	0.0	0.0	19.2	1.9	21.9	0.2
03	64.7	34.2	49.5	3.7	3.6	3.2	50.3	34.6	18.0	4.6	0.5	0.1	222.4	268.7	345.1	486.6	0.0	0.3	26.8	0.7	13.1	0.0
04	72.7	42.1	57.4	3.7	2.8	2.9	151.3	116.4	72.6	25.0	5.4	2.6	79.3	104.4	150.6	252.9	0.0	1.1	28.5	0.1	4.6	0.0
05	80.6	53.0	66.8	4.5	2.5	3.2	377.0	321.8	244.3	134.7	59.5	39.8	11.2	18.0	33.5	78.9	0.6	6.7	30.8	0.0	0.1	0.0
06	89.0	62.6	75.8	4.2	1.9	2.9	624.0	564.1	474.4	327.3	191.2	143.4	0.2	0.3	0.6	3.5	2.4	15.0	30.0	0.0	0.0	0.0
07	92.1	66.4	79.2	3.5	1.7	2.5	751.6	689.6	596.7	441.9	289.6	230.7	0.0	0.0	0.0	0.3	3.3	21.6	31.0	0.0	0.0	0.0
08	90.7	65.1	77.9	3.6	1.7	2.5	709.7	647.7	554.8	400.5	250.4	193.7	0.0	0.0	0.0	0.8	2.2	19.6	31.0	0.0	0.0	0.0
09	83.5	57.6	70.5	3.6	2.5	2.7	470.1	412.2	327.9	198.8	93.5	61.3	3.6	5.7	11.5	32.3	0.4	7.9	29.9	0.0	0.0	0.0
10	73.8	45.1	59.4	3.2	2.5	2.3	197.6	155.4	101.5	38.2	7.8	3.0	59.6	79.5	118.6	210.2	0.0	1.6	29.9	0.1	2.9	0.0
11	62.0	33.5	47.7	5.0	2.9	3.6	35.2	22.8	10.9	1.7	0.1	0.0	252.6	300.2	378.3	519.2	0.0	0.0	25.0	0.7	14.6	0.0
12	52.6	25.3	38.9	3.5	2.1	2.4	2.4	0.9	0.1	0.0	0.0	0.0	499.8	560.3	652.4	807.4	0.0	0.0	19.1	2.4	26.1	0.2
Summary	72.5	44.6	58.5	4.0	2.5	2.9	3378	2970	2403	1573	898	675	2046	2368	2895	3890	8.9	73.8	320.1	9.1	111.0	0.5

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	0.69	3.0	1.5	0.5	0.1	0.02	0.52	1.05
02	0.76	3.4	2.0	0.5	0.0	0.14	0.57	1.16
03	1.26	4.4	2.8	0.6	0.3	0.39	0.99	1.89
04	1.64	4.3	3.2	0.9	0.4	0.42	1.26	2.30
05	2.87	6.6	4.9	2.2	0.7	1.06	2.32	4.03
06	3.65	7.6	5.9	2.3	1.0	2.15	3.22	4.88
07	2.42	5.8	4.3	1.7	0.7	1.16	2.23	3.02
08	2.64	6.3	4.6	1.8	0.7	1.10	2.69	4.06
09	2.31	5.3	3.9	1.5	0.7	0.63	2.13	3.55
10	1.82	5.0	3.4	1.1	0.4	0.53	1.34	2.78
11	0.85	3.5	2.1	0.4	0.1	0.20	0.60	1.11
12	0.78	3.3	1.9	0.5	0.1	0.14	0.68	1.08
Summary	21.69	58.5	40.5	14.0	5.2	7.94	18.55	30.91

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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	1.90	1.1	0.8	0.2	0.1	0.0	0.9	0.2	0.0	0.0	0.00	0.50	1.00
02	2.30	1.3	1.0	0.3	0.1	0.0	1.1	0.3	0.1	0.0	0.00	0.20	3.40
03	1.00	0.5	0.4	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	1.00
04	0.30	0.1	0.1	0.1	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	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.80	0.5	0.5	0.2	0.2	0.0	0.6	0.3	0.2	0.0	0.00	0.00	1.80
12	1.80	1.0	0.7	0.2	0.1	0.0	1.4	0.6	0.3	0.0	0.00	0.50	2.50
Summary	9.2	4.6	3.6	1.1	0.5	0.0	4.4	1.5	0.6	0.0	0.0	1.2	9.7

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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	84.5	136.3	326.5	527.9	830.9	1073.8	1216.6	1174.7	916.4	607.7	272.2	102.9
45	33.3	69.2	207.0	387.5	676.5	923.8	1061.6	1019.7	766.6	459.8	166.1	43.9
50	9.4	27.7	112.9	258.3	523.9	773.9	906.6	864.7	617.6	320.3	85.5	13.0
55	1.4	7.9	50.3	151.3	377.0	624.0	751.6	709.7	470.1	197.6	35.2	2.4
60	0.0	1.5	18.0	72.6	244.3	474.4	596.7	554.8	327.9	101.5	10.9	0.1
Growing Degree Units for Corn (Monthly)												
50/86	102.6	134.0	247.8	349.1	517.4	700.2	800.1	774.5	593.8	389.7	203.4	105.0
Growing Degree Units (Accumulated Monthly)												
40	84	221	547	1075	1906	2980	4196	5371	6288	6895	7167	7270
45	33	102	310	697	1374	2297	3359	4379	5145	5605	5771	5815
50	9	37	150	408	932	1706	2613	3477	4095	4415	4501	4514
55	1	9	60	211	588	1212	1964	2673	3143	3341	3376	3378
60	0	2	20	92	336	811	1408	1962	2290	2392	2403	2403
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	103	237	484	834	1351	2051	2851	3626	4220	4609	4813	4918

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