

Summary of Monthly Normals
1991-2020

Generated on 06/02/2024

Current Location: Elev: 295 ft. Lat: 31.5192° N Lon: 94.1186° W
Station: **SAN AUGUSTINE, TX US USC00417951**

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	59.5	35.4	47.4	3.4	3.2	3.0	40.1	27.5	15.4	4.6	0.8	0.3	273.9	323.3	404.3	548.5	0.0	0.0	24.8	0.2	13.1	0.0
02	63.2	39.0	51.1	4.6	3.5	3.9	60.4	43.1	23.9	6.6	1.1	0.3	169.4	208.2	273.0	395.7	0.0	0.0	23.8	0.1	6.8	0.0
03	70.2	45.3	57.7	3.7	4.0	3.7	160.6	124.3	79.5	29.2	6.0	2.1	75.4	101.1	149.2	254.0	0.0	0.1	30.1	0.0	1.7	0.0
04	76.9	52.5	64.7	2.7	3.4	2.7	306.3	254.9	184.5	89.2	30.3	16.6	15.2	23.8	43.4	98.1	0.0	0.4	29.9	0.0	0.4	0.0
05	84.0	60.9	72.5	3.0	2.0	2.3	541.6	480.4	389.6	246.8	123.7	84.2	0.7	1.5	3.7	15.9	0.0	6.2	31.0	0.0	0.0	0.0
06	90.3	67.7	79.0	2.5	1.9	1.9	719.8	659.8	569.9	419.8	270.3	211.7	0.0	0.0	0.0	0.0	0.6	18.7	30.0	0.0	0.0	0.0
07	93.5	70.4	82.0	2.2	1.6	1.6	835.4	773.4	680.4	525.4	370.4	308.4	0.0	0.0	0.0	0.0	2.3	25.4	31.0	0.0	0.0	0.0
08	94.4	69.9	82.1	3.3	2.0	2.3	841.3	779.3	686.4	531.3	376.8	315.4	0.0	0.0	0.0	0.0	5.0	26.9	31.0	0.0	0.0	0.0
09	88.5	64.3	76.4	2.5	3.1	2.3	641.8	581.8	492.0	344.7	206.4	156.5	0.0	0.0	0.2	2.8	0.5	15.5	30.0	0.0	0.0	0.0
10	79.5	53.4	66.5	2.1	2.7	1.7	363.3	308.4	231.5	123.7	50.6	31.1	8.3	15.4	31.4	78.7	0.0	2.5	31.0	0.0	0.2	0.0
11	69.7	43.5	56.6	3.5	3.7	3.4	136.8	105.5	67.2	25.7	6.5	2.8	88.7	117.4	169.1	277.6	0.0	0.0	29.4	0.0	3.6	0.0
12	61.0	36.5	48.8	4.2	3.2	3.5	50.9	36.4	21.3	7.8	2.3	1.2	244.2	291.8	369.8	511.3	0.0	0.1	26.9	0.0	11.5	0.0
Summary	77.6	53.2	65.4	3.1	2.9	2.7	4698	4175	3442	2355	1445	1131	876	1082	1444	2183	8.4	95.8	348.9	0.3	37.3	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	4.95	9.2	6.8	3.5	1.9	3.12	4.60	6.07
02	5.11	8.4	6.3	3.4	1.7	2.55	4.19	7.42
03	5.22	8.0	5.7	2.9	1.4	2.39	4.00	7.63
04	4.65	7.1	5.3	3.3	1.9	2.95	4.48	6.56
05	4.30	7.3	5.8	2.4	1.3	2.19	3.66	6.25
06	4.80	8.2	6.6	3.0	1.5	3.29	4.38	5.65
07	3.22	7.0	5.4	2.0	0.9	1.45	3.21	4.51
08	4.28	6.5	5.0	2.6	1.5	2.38	3.24	6.09
09	4.18	6.3	4.8	2.7	1.2	2.28	3.99	5.61
10	4.75	6.0	4.7	2.7	1.5	2.25	3.48	6.06
11	4.70	7.6	5.9	3.2	1.7	2.26	4.43	5.72
12	5.40	8.9	6.7	3.4	2.1	3.62	4.89	6.81
Summary	55.56	90.5	69.0	35.1	18.6	30.73	48.55	74.38

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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	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.10	0.1	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	0.2	0.2	0.1	0.0	0.0	0.0	0.1	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	263.1	326.6	553.2	741.3	1005.9	1169.9	1300.4	1306.4	1091.9	820.0	500.5	294.2
45	158.4	212.3	406.4	592.2	850.9	1019.9	1145.4	1151.4	941.9	665.2	359.7	183.0
50	87.1	121.9	271.7	445.7	696.0	869.9	990.4	996.4	791.8	511.2	235.6	102.8
55	40.1	60.4	160.6	306.3	541.6	719.8	835.4	841.3	641.8	363.3	136.8	50.9
60	15.4	23.9	79.5	184.5	389.6	569.9	680.4	686.4	492.0	231.5	67.2	21.3
Growing Degree Units for Corn (Monthly)												
50/86	178.2	209.5	350.6	483.6	680.2	797.0	871.2	863.1	731.9	538.3	328.3	197.1

Growing Degree Units (Accumulated Monthly)												
40	263	590	1143	1884	2890	4060	5360	6667	7759	8579	9079	9373
45	158	371	777	1369	2220	3240	4386	5537	6479	7144	7504	7687
50	87	209	481	926	1622	2492	3483	4479	5271	5782	6018	6121
55	40	100	261	567	1109	1829	2664	3506	4147	4511	4647	4698
60	15	39	119	303	693	1263	1943	2630	3122	3353	3420	3442
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	178	388	738	1222	1902	2699	3570	4433	5165	5704	6032	6229

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

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