

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 2280 ft. Lat: 31.8347° N Lon: 100.9828° W

Station: **STERLING CITY, TX US USC00418630**

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	57.5	29.9	43.7	4.6	2.7	3.0	11.3	6.4	2.3	0.2	0.0	0.0	361.4	418.5	507.4	660.3	0.0	0.0	24.1	0.9	20.5	0.0
02	61.8	33.5	47.6	4.4	2.7	3.1	30.4	20.3	9.7	2.1	0.3	0.2	236.2	282.0	355.5	487.8	0.0	0.2	23.9	0.7	13.9	0.0
03	69.1	41.5	55.3	4.0	3.7	3.4	116.5	85.8	50.0	15.2	2.2	0.6	107.3	138.5	195.7	315.9	0.0	0.8	29.5	0.1	6.7	0.0
04	77.8	49.8	63.8	3.6	2.5	2.8	289.3	239.2	171.3	83.7	30.1	18.1	25.2	35.2	57.3	119.6	0.1	4.9	29.8	0.0	1.7	0.0
05	84.8	60.9	72.9	4.2	3.1	3.4	555.0	494.3	405.0	265.3	147.0	108.5	1.7	3.0	6.7	22.0	2.1	12.1	31.0	0.0	0.1	0.0
06	91.1	68.2	79.6	3.7	2.4	2.9	739.3	679.3	589.3	439.6	291.3	233.8	0.0	0.0	0.1	0.3	3.7	20.6	30.0	0.0	0.0	0.0
07	93.5	71.0	82.3	2.9	1.7	2.2	844.7	782.7	689.7	534.7	380.0	318.3	0.0	0.0	0.0	0.0	5.5	25.9	31.0	0.0	0.0	0.0
08	92.9	70.3	81.6	3.4	1.4	2.2	824.4	762.4	669.3	514.4	360.1	299.2	0.0	0.0	0.0	0.0	4.4	24.5	31.0	0.0	0.0	0.0
09	85.8	62.5	74.2	3.6	2.7	2.7	575.4	516.0	427.5	286.4	160.5	117.4	1.0	1.5	3.0	11.9	0.9	12.3	30.0	0.0	0.0	0.0
10	77.3	51.5	64.4	2.8	2.7	2.0	312.5	259.7	185.8	87.8	29.1	17.0	21.2	30.4	49.5	106.5	0.1	3.1	30.7	0.0	1.0	0.0
11	65.9	39.2	52.5	4.5	3.1	3.1	79.1	56.0	30.5	7.5	0.9	0.2	152.5	189.4	253.8	380.9	0.0	0.0	27.4	0.2	9.3	0.0
12	58.3	31.2	44.7	3.1	2.5	2.0	16.3	9.3	3.2	0.2	0.0	0.0	333.8	388.9	475.7	627.8	0.0	0.0	25.2	0.7	18.6	0.0
Summary	76.3	50.8	63.6	3.7	2.6	2.7	4394	3911	3234	2237	1402	1113	1240	1487	1905	2733	16.8	104.4	343.6	2.6	71.8	0.0

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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	0.95	3.2	2.1	0.7	0.2	0.01	0.63	1.57
02	0.97	3.1	2.1	0.6	0.2	0.17	0.48	1.62
03	1.27	3.9	2.6	0.9	0.3	0.63	1.14	1.73
04	1.32	3.6	2.0	1.0	0.4	0.25	1.15	1.99
05	2.75	5.7	4.2	2.1	0.9	1.22	2.66	4.14
06	2.06	4.7	3.7	1.7	0.6	0.93	1.82	2.62
07	1.68	4.0	2.7	1.1	0.4	0.26	1.61	2.43
08	2.42	4.6	3.6	1.5	1.0	0.89	1.92	3.74
09	2.45	3.9	2.9	1.3	0.7	0.69	2.23	3.85
10	2.46	4.2	2.9	1.4	0.8	0.81	2.13	3.36
11	1.20	2.8	1.9	0.8	0.3	0.09	0.37	1.79
12	0.87	2.5	1.9	0.7	0.1	0.14	0.66	0.99
Summary	20.40	46.2	32.6	13.8	5.9	6.09	16.80	29.83

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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	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.40	0.3	0.1	0.0	0.0	0.0	0.1	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	0.50	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.50	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
Summary	1.5	1.0	0.5	0.2	0.0	0.0	0.4	0.1	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	179.7	250.3	483.6	714.6	1018.3	1189.3	1309.7	1289.3	1024.5	756.9	391.7	201.4
45	90.5	148.8	343.0	567.2	863.3	1039.3	1154.7	1134.4	874.5	603.5	265.2	108.8
50	37.5	74.7	217.1	424.5	708.7	889.3	999.7	979.3	724.8	454.4	159.5	48.8
55	11.3	30.4	116.5	289.3	555.0	739.3	844.7	824.4	575.4	312.5	79.1	16.3
60	2.3	9.7	50.0	171.3	405.0	589.3	689.7	669.3	427.5	185.8	30.5	3.2
Growing Degree Units for Corn (Monthly)												
50/86	155.1	189.4	317.6	464.4	668.2	800.5	877.8	864.0	685.9	487.7	260.7	158.8

Growing Degree Units (Accumulated Monthly)												
40	180	430	914	1628	2646	3836	5146	6435	7459	8216	8608	8809
45	90	239	582	1150	2013	3052	4207	5341	6216	6819	7084	7193
50	38	112	329	754	1462	2352	3352	4331	5056	5510	5670	5718
55	11	42	158	448	1002	1742	2586	3411	3986	4299	4378	4394
60	2	12	62	233	638	1228	1917	2587	3014	3200	3230	3234
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	155	344	662	1126	1795	2595	3473	4337	5023	5511	5771	5930

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

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