

Summary of Monthly Normals
1991-2020

Generated on 06/05/2024

Current Location: Elev: 1290 ft. Lat: 32.2314° N Lon: 98.2319° W

Station: STEPHENVILLE, TX US USW00003969

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	59.1	30.9	45.0	4.0	3.0	3.1	24.6	15.9	7.9	1.5	0.1	0.0	334.4	387.7	472.8	621.4	0.0	0.0	21.9	0.9	16.8	0.0
02	63.1	34.9	49.0	4.6	3.2	3.6	48.4	33.9	18.2	4.9	0.7	0.2	216.3	257.8	326.2	452.9	0.0	0.2	22.9	0.9	10.6	0.0
03	70.4	42.4	56.4	3.7	3.6	3.4	147.1	112.9	71.0	26.0	5.9	2.4	103.7	131.6	182.6	292.6	0.0	0.2	28.7	0.2	4.7	0.0
04	78.6	50.2	64.4	3.2	3.0	2.7	303.9	253.4	183.9	90.4	32.5	18.7	21.9	31.3	51.8	108.3	0.0	1.7	29.6	0.0	0.6	0.0
05	85.6	59.9	72.7	3.2	2.2	2.4	551.6	490.8	401.1	259.9	140.0	100.9	1.4	2.5	5.9	19.7	0.0	7.3	31.0	0.0	0.0	0.0
06	93.1	67.6	80.4	3.1	1.5	2.1	760.4	700.4	610.4	460.8	312.4	254.5	0.0	0.0	0.0	0.3	1.9	18.8	30.0	0.0	0.0	0.0
07	97.3	70.6	84.0	2.9	1.7	2.1	897.4	835.4	742.4	587.4	432.5	370.8	0.0	0.0	0.0	0.0	7.0	26.9	31.0	0.0	0.0	0.0
08	97.6	69.6	83.6	3.5	1.9	2.5	886.4	824.5	731.5	576.5	421.9	360.6	0.0	0.0	0.0	0.0	8.9	26.4	31.0	0.0	0.0	0.0
09	90.2	62.5	76.3	3.5	2.4	2.5	640.9	581.3	492.4	348.3	215.3	167.5	0.5	0.9	1.9	7.8	1.3	13.5	30.0	0.0	0.0	0.0
10	80.5	51.5	66.0	2.9	3.2	2.4	359.8	306.0	230.8	123.9	51.6	32.9	18.9	27.1	44.8	93.0	0.0	3.4	30.6	0.0	0.6	0.0
11	68.8	41.1	54.9	4.1	3.5	3.5	123.5	94.1	59.4	20.1	3.9	1.9	125.0	155.6	210.8	321.6	0.0	0.0	27.0	0.1	5.8	0.0
12	60.5	33.1	46.8	3.3	2.6	2.5	35.1	23.3	11.4	2.1	0.1	0.0	289.1	339.4	420.5	566.2	0.0	0.0	23.8	0.8	14.5	0.0
Summary	78.7	51.2	65.0	3.5	2.6	2.7	4779	4272	3560	2502	1617	1310	1111	1334	1717	2484	19.1	98.4	337.5	2.9	53.6	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	1.84	6.1	3.4	1.0	0.4	0.61	1.36	2.84
02	2.16	6.4	3.7	1.3	0.5	0.71	1.40	2.86
03	2.82	7.7	4.6	1.8	0.7	1.24	2.64	3.84
04	2.91	5.8	3.8	1.9	0.7	1.66	2.20	4.31
05	4.97	7.9	5.7	3.2	1.3	2.94	3.80	4.76
06	3.33	6.0	4.4	2.4	1.0	1.66	2.69	4.25
07	1.99	4.9	3.1	1.2	0.8	1.35	1.83	2.76
08	2.96	5.2	3.2	1.6	1.1	1.55	2.48	3.66
09	3.32	5.9	3.9	1.9	1.2	1.39	3.37	4.68
10	3.32	7.1	4.4	2.2	1.1	1.75	2.65	4.24
11	2.33	5.7	3.4	1.3	0.6	0.76	1.38	3.94
12	2.18	5.6	3.6	1.6	0.6	1.24	1.96	2.77
Summary	34.13	74.3	47.2	21.4	10.0	16.86	27.76	44.91

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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	0.40	0.3	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.40
02	0.00	0.2	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	0.00	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	0.30	0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.10
Summary	0.7	0.7	0.3	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.5

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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	213.2	284.1	518.0	732.5	1015.2	1210.3	1362.4	1351.3	1090.4	806.6	458.7	253.3
45	118.5	178.8	377.9	584.4	860.3	1060.2	1207.3	1196.1	940.4	653.2	327.7	149.7
50	58.1	99.7	251.4	439.9	705.4	910.3	1052.3	1041.2	790.4	503.1	214.3	78.4
55	24.6	48.4	147.1	303.9	551.6	760.4	897.4	886.4	640.9	359.8	123.5	35.1
60	7.9	18.2	71.0	183.9	401.1	610.4	742.4	731.5	492.4	230.8	59.4	11.4
Growing Degree Units for Corn (Monthly)												
50/86	173.5	205.5	338.9	474.1	667.8	798.0	875.5	857.3	709.0	525.5	305.1	187.7

Growing Degree Units (Accumulated Monthly)												
40	213	497	1015	1748	2763	3973	5336	6687	7777	8584	9043	9296
45	118	297	675	1260	2120	3180	4387	5584	6524	7177	7505	7654
50	58	158	409	849	1554	2465	3517	4558	5349	5852	6066	6144
55	25	73	220	524	1076	1836	2733	3620	4261	4620	4744	4779
60	8	26	97	281	682	1292	2035	2766	3259	3490	3549	3560
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	174	379	718	1192	1860	2658	3533	4391	5100	5625	5930	6118

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