

Summary of Monthly Normals
1991-2020

Current Location: Elev: 305 ft. Lat: 32.1614° N Lon: 94.3397° W
Station: **CARTHAGE, TX US USC00411500**
Generated on 04/19/2024

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	56.8	36.1	46.5	3.7	3.5	3.4	34.1	23.8	12.8	3.1	0.4	0.1	299.0	350.7	432.7	578.0	0.0	0.0	22.3	0.6	12.8	0.0
02	61.4	39.5	50.4	4.3	3.6	3.6	55.6	39.6	21.9	6.7	1.2	0.3	182.9	222.9	289.2	414.0	0.0	0.0	24.1	0.3	7.6	0.0
03	68.8	46.3	57.5	3.8	4.0	3.7	159.3	122.7	78.1	28.7	5.5	2.2	80.2	105.7	154.0	259.7	0.0	0.0	29.8	0.0	2.9	0.0
04	76.0	53.5	64.7	2.7	3.3	2.9	305.2	252.9	181.6	85.7	27.9	15.6	12.7	20.4	39.0	93.2	0.0	0.2	29.9	0.0	0.1	0.0
05	82.8	62.8	72.8	2.6	2.2	2.2	552.0	490.6	399.3	254.2	129.0	88.3	0.2	0.8	2.5	12.4	0.0	4.2	31.0	0.0	0.0	0.0
06	89.3	70.3	79.8	2.8	2.0	2.2	743.9	683.9	593.9	444.1	295.3	237.0	0.0	0.0	0.0	0.2	0.9	17.9	30.0	0.0	0.0	0.0
07	92.4	73.2	82.8	2.8	1.7	2.1	861.8	799.8	706.8	551.8	397.0	335.3	0.0	0.0	0.0	0.0	3.2	26.1	31.0	0.0	0.0	0.0
08	93.1	72.5	82.8	3.7	1.9	2.6	861.6	799.6	706.6	551.6	397.0	335.8	0.0	0.0	0.0	0.0	4.4	25.5	31.0	0.0	0.0	0.0
09	87.4	66.0	76.7	3.2	2.5	2.4	650.9	591.1	501.5	355.2	217.5	167.4	0.0	0.2	0.6	4.3	0.7	13.6	30.0	0.0	0.0	0.0
10	78.0	54.5	66.3	2.5	2.7	1.9	360.0	304.9	227.9	120.9	49.9	31.7	11.3	18.1	34.2	82.2	0.0	1.6	31.0	0.0	0.1	0.0
11	66.6	44.5	55.6	4.0	3.9	3.7	123.2	93.5	57.4	20.0	4.6	2.3	106.6	136.9	190.8	303.4	0.0	0.0	28.1	0.0	4.1	0.0
12	58.9	38.2	48.5	3.5	2.6	2.8	47.9	34.2	19.5	6.2	0.9	0.3	247.7	296.1	374.4	516.1	0.0	0.0	24.9	0.2	11.0	0.0
Summary	76.0	54.8	65.4	3.3	2.8	2.8	4755	4237	3507	2428	1526	1216	941	1152	1517	2264	9.2	89.1	343.1	1.1	38.6	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	4.66	8.5	6.1	2.9	1.5	2.51	4.75	6.34
02	4.23	8.3	5.9	2.6	1.4	2.47	4.16	5.94
03	4.92	8.3	6.2	3.4	1.4	2.49	4.58	6.61
04	4.72	6.3	5.0	3.0	1.5	2.70	4.15	5.42
05	4.35	7.4	5.6	3.0	1.5	2.18	3.94	5.49
06	4.04	7.5	5.5	2.7	1.1	2.01	3.82	5.18
07	3.64	5.4	4.2	2.1	1.1	1.50	3.30	5.22
08	3.44	5.7	4.3	2.1	1.1	1.41	2.47	4.19
09	3.67	5.8	4.2	2.2	1.2	1.60	2.47	5.35
10	4.54	6.0	4.9	2.6	1.6	1.89	3.27	7.03
11	4.44	7.3	5.6	3.1	1.6	2.40	3.86	6.03
12	5.63	8.9	6.1	3.0	1.7	3.55	5.47	7.25
Summary	52.28	85.4	63.6	32.7	16.7	26.71	46.24	70.05

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	0.30	0.2	0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
02	0.40	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
03	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
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	0.8	0.4	0.2	0.0	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	244.9	310.3	548.1	742.5	1016.8	1193.9	1326.8	1326.6	1100.9	814.0	472.0	289.6
45	144.0	199.5	401.8	593.1	861.8	1043.8	1171.7	1171.6	950.9	659.7	335.8	177.7
50	74.7	113.4	269.3	445.5	706.8	893.8	1016.7	1016.6	800.9	506.9	216.5	98.5
55	34.1	55.6	159.3	305.2	552.0	743.9	861.8	861.6	650.9	360.0	123.2	47.9
60	12.8	21.9	78.1	181.6	399.3	593.9	706.8	706.6	501.5	227.9	57.4	19.5
Growing Degree Units for Corn (Monthly)												
50/86	149.0	189.5	334.7	474.2	694.6	833.6	913.5	900.2	752.8	525.3	284.6	171.1

Growing Degree Units (Accumulated Monthly)												
40	245	555	1103	1846	2863	4057	5383	6710	7811	8625	9097	9386
45	144	344	745	1338	2200	3244	4416	5587	6538	7198	7534	7711
50	75	188	457	903	1610	2504	3520	4537	5338	5845	6061	6160
55	34	90	249	554	1106	1850	2712	3573	4224	4584	4708	4755
60	13	35	113	294	694	1288	1994	2701	3202	3430	3488	3507
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	149	338	673	1147	1842	2676	3589	4489	5242	5767	6052	6223

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