

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 2169 ft. Lat: 29.1333° N Lon: 103.5144° W
Station: CASTOLON, TX US USC00411524

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	68.9	35.9	52.4	4.3	2.5	2.6	49.4	29.3	11.6	1.5	0.1	0.0	129.8	171.7	247.1	392.0	0.0	0.1	29.4	0.0	10.5	0.0
02	75.4	41.6	58.5	4.0	2.6	2.7	141.0	105.3	63.2	20.8	4.1	1.5	43.0	63.4	105.2	202.8	0.0	1.6	27.5	0.1	3.0	0.0
03	83.3	48.3	65.8	3.6	3.9	3.5	348.2	293.0	216.2	110.8	40.0	22.6	13.3	20.1	36.4	85.9	0.6	10.5	31.0	0.0	0.8	0.0
04	92.2	57.0	74.6	3.2	2.6	2.5	589.0	529.5	441.3	300.0	171.6	127.8	1.0	1.5	3.3	12.0	5.9	20.5	29.9	0.0	0.0	0.0
05	99.9	67.0	83.4	2.8	2.3	2.4	881.9	820.0	727.0	572.6	419.8	359.7	0.0	0.0	0.1	0.7	18.4	28.3	31.0	0.0	0.0	0.0
06	104.3	74.5	89.4	2.5	2.1	2.2	1031.8	971.8	881.8	731.8	581.8	521.9	0.0	0.0	0.0	0.0	25.1	29.4	30.0	0.0	0.0	0.0
07	102.2	75.4	88.8	3.3	1.6	2.3	1047.9	985.9	892.9	737.9	582.9	520.9	0.0	0.0	0.0	0.0	23.2	29.8	31.0	0.0	0.0	0.0
08	101.7	75.2	88.5	2.6	1.8	2.1	1036.8	974.8	881.8	726.8	571.8	509.8	0.0	0.0	0.0	0.0	22.9	29.7	31.0	0.0	0.0	0.0
09	96.0	69.8	82.9	3.0	2.2	2.4	837.1	777.3	687.5	538.2	390.6	332.5	0.1	0.3	0.5	1.2	10.2	25.8	30.0	0.0	0.0	0.0
10	89.3	59.1	74.2	2.3	2.3	1.6	597.4	536.5	446.4	303.4	173.5	128.6	2.2	3.3	6.3	18.3	2.9	18.0	31.0	0.0	0.1	0.0
11	77.7	45.6	61.6	4.2	3.1	3.2	230.6	184.2	123.7	50.2	13.8	7.3	31.0	44.6	74.1	150.6	0.0	3.2	29.7	0.0	1.4	0.0
12	69.1	36.8	52.9	3.0	2.9	2.4	62.5	40.0	17.6	2.5	0.1	0.0	126.0	165.4	236.0	375.9	0.0	0.1	29.9	0.0	9.6	0.0
Summary	88.3	57.2	72.8	3.2	2.5	2.5	6854	6248	5391	4096	2950	2533	346	470	709	1239	109.2	197.0	361.4	0.1	25.4	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	0.36	2.5	0.8	0.2	0.0	0.00	0.14	0.49	
02	0.33	1.9	0.9	0.2	0.1	0.00	0.10	0.37	
03	0.29	1.4	0.8	0.1	0.0	0.00	0.06	0.28	
04	0.37	1.8	0.9	0.2	0.2	0.03	0.19	0.54	
05	0.79	3.9	2.2	0.6	0.1	0.22	0.72	0.89	
06	1.38	4.8	2.8	0.7	0.2	0.55	1.21	1.86	
07	1.71	6.4	3.8	1.2	0.5	0.94	1.63	2.30	
08	1.51	4.9	2.7	0.9	0.3	0.64	1.03	2.34	
09	1.55	4.7	2.7	0.8	0.5	0.41	1.51	2.12	
10	0.81	3.4	1.7	0.5	0.2	0.09	0.52	1.11	
11	0.48	1.8	0.8	0.1	0.0	0.00	0.23	0.60	
12	0.28	2.4	0.9	0.1	0.0	0.01	0.09	0.32	
Summary	9.86	39.9	21.0	5.6	2.1	2.89	7.43	13.22	

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	390.4	520.1	799.9	1038.0	1346.9	1481.8	1512.9	1501.8	1287.0	1060.1	650.1	406.9
45	248.6	383.1	645.7	888.1	1191.9	1331.8	1357.9	1346.8	1137.0	905.4	502.6	264.6
50	129.9	253.1	494.3	738.4	1036.9	1181.8	1202.9	1191.8	987.0	750.9	360.6	145.4
55	49.4	141.0	348.2	589.0	881.9	1031.8	1047.9	1036.8	837.1	597.4	230.6	62.5
60	11.6	63.2	216.2	441.3	727.0	881.8	892.9	881.8	687.5	446.4	123.7	17.6
Growing Degree Units for Corn (Monthly)												
50/86	297.2	354.8	512.7	635.7	818.5	907.0	950.8	947.9	829.9	676.2	424.7	299.2

Growing Degree Units (Accumulated Monthly)												
40	390	910	1710	2748	4095	5577	7090	8592	9879	10939	11589	11996
45	249	632	1277	2166	3357	4689	6047	7394	8531	9436	9939	10204
50	130	383	877	1616	2653	3834	5037	6229	7216	7967	8328	8473
55	49	190	539	1128	2010	3041	4089	5126	5963	6560	6791	6854
60	12	75	291	732	1459	2341	3234	4116	4803	5250	5373	5391
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	297	652	1165	1800	2619	3526	4477	5425	6254	6931	7355	7655

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