

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 320 ft. Lat: 31.2581° N Lon: 95.9744° W

Station: **CENTERVILLE, TX US USC00411596**

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	35.1	47.3	4.2	3.4	3.5	34.7	23.8	13.0	3.7	0.6	0.2	273.2	324.4	406.6	552.3	0.0	0.0	24.5	0.2	14.3	0.0
02	63.4	38.9	51.1	4.5	3.1	3.4	61.1	44.3	26.0	8.3	2.1	1.0	168.8	208.0	273.7	396.0	0.0	0.1	24.2	0.3	8.9	0.0
03	70.3	45.2	57.7	3.7	4.0	3.7	164.6	128.0	82.5	30.9	7.0	2.6	79.3	104.7	152.2	255.6	0.0	0.1	29.6	0.1	3.7	0.0
04	77.5	52.4	65.0	2.9	3.4	3.0	312.7	260.5	188.7	92.9	34.0	19.8	14.1	21.9	40.2	94.4	0.0	0.8	29.9	0.0	0.5	0.0
05	84.1	61.7	72.9	2.4	2.5	2.3	555.3	493.9	402.9	258.1	133.5	93.3	0.4	1.0	3.1	13.2	0.0	5.7	31.0	0.0	0.0	0.0
06	90.5	69.1	79.8	2.9	1.9	2.0	743.8	683.9	593.9	444.1	295.1	236.6	0.0	0.0	0.0	0.2	1.2	19.1	30.0	0.0	0.0	0.0
07	94.0	71.7	82.8	2.8	1.5	1.9	863.3	801.3	708.3	553.3	398.3	336.5	0.0	0.0	0.0	0.0	3.5	27.3	31.0	0.0	0.0	0.0
08	94.9	71.0	83.0	3.1	1.9	2.2	866.2	804.2	711.3	556.3	401.6	340.1	0.0	0.0	0.0	0.0	4.6	27.4	31.0	0.0	0.0	0.0
09	89.1	64.8	76.9	3.3	2.6	2.3	658.4	598.5	509.0	362.4	224.6	173.6	0.0	0.1	0.6	4.0	1.0	16.3	30.0	0.0	0.0	0.0
10	80.1	53.5	66.8	2.4	3.0	1.6	376.1	320.2	241.2	129.8	54.3	34.5	10.3	16.4	30.3	74.0	0.0	3.3	30.9	0.0	0.3	0.0
11	69.2	44.0	56.6	4.1	3.7	3.6	142.6	110.4	71.0	27.6	8.0	4.1	94.4	122.3	172.9	279.6	0.0	0.0	28.6	0.0	5.1	0.0
12	60.7	36.9	48.8	3.2	2.8	2.5	52.0	37.8	21.8	7.8	1.6	0.6	244.0	291.8	368.9	509.9	0.0	0.0	26.0	0.1	13.1	0.0
Summary	77.8	53.7	65.7	3.3	2.8	2.7	4831	4307	3570	2475	1561	1243	884	1091	1448	2179	10.3	100.1	346.7	0.7	45.9	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	3.47	7.0	5.1	2.2	1.2	1.72	3.16	4.76	
02	3.22	7.6	4.9	2.2	1.1	1.44	2.98	4.25	
03	3.90	7.1	5.0	2.7	1.6	2.00	3.71	5.13	
04	3.11	5.6	4.2	2.4	1.0	1.66	2.49	4.66	
05	4.65	6.6	5.2	3.0	1.8	2.27	4.25	6.71	
06	4.00	6.8	4.6	2.2	1.4	2.03	3.10	4.43	
07	2.47	4.7	3.3	1.7	1.0	0.90	2.15	2.93	
08	2.71	5.3	3.9	2.0	0.9	0.88	1.80	3.72	
09	3.22	6.1	4.4	2.1	1.0	1.48	2.81	4.26	
10	4.22	6.0	4.7	2.7	1.6	1.25	3.76	5.84	
11	3.63	6.9	5.1	2.4	1.2	1.58	3.06	4.81	
12	3.81	7.9	5.4	2.7	1.2	2.11	3.34	4.53	
Summary	42.41	77.6	55.8	28.3	15.0	19.32	36.61	56.03	

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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	0.00	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	0.10	0.1	0.1	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	0.1	0.1	0.1	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	259.5	328.4	554.5	748.6	1019.9	1193.9	1328.3	1331.3	1108.4	831.0	503.0	295.9
45	152.1	213.5	408.6	599.3	864.9	1043.9	1173.3	1176.2	958.4	676.7	365.4	182.4
50	77.8	123.4	275.4	452.3	709.9	893.9	1018.3	1021.3	808.4	523.8	243.0	102.4
55	34.7	61.1	164.6	312.7	555.3	743.8	863.3	866.2	658.4	376.1	142.6	52.0
60	13.0	26.0	82.5	188.7	402.9	593.9	708.3	711.3	509.0	241.2	71.0	21.8
Growing Degree Units for Corn (Monthly)												
50/86	177.7	215.3	354.8	492.8	693.1	817.6	891.8	879.9	741.8	547.3	324.1	195.9

Growing Degree Units (Accumulated Monthly)												
40	260	588	1142	1891	2911	4105	5433	6764	7873	8704	9207	9503
45	152	366	774	1374	2238	3282	4456	5632	6590	7267	7632	7815
50	78	201	477	929	1639	2533	3551	4572	5381	5904	6148	6250
55	35	96	260	573	1128	1872	2736	3602	4260	4636	4779	4831
60	13	39	122	310	713	1307	2015	2727	3236	3477	3548	3570
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	178	393	748	1241	1934	2751	3643	4523	5265	5812	6136	6332

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