

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 196 ft. Lat: 30.3636° N Lon: 95.0839° W
Station: CLEVELAND, TX US USC00411810

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	60.8	38.9	49.8	3.9	3.7	3.5	60.6	44.1	25.7	8.3	1.3	0.4	220.0	265.6	340.2	477.9	0.0	0.0	25.8	0.2	10.1	0.0
02	65.0	42.5	53.7	3.9	3.9	3.4	88.3	65.9	39.9	14.0	2.9	1.2	123.1	156.8	214.8	329.0	0.0	0.0	25.4	0.0	5.0	0.0
03	71.6	49.0	60.3	3.3	4.5	3.7	210.4	167.6	112.4	45.8	10.2	4.4	46.2	65.4	103.1	191.5	0.0	0.0	30.2	0.0	2.0	0.0
04	77.1	54.9	66.0	2.5	3.2	2.7	337.6	283.1	207.5	103.7	35.7	19.1	7.5	13.0	27.4	73.6	0.0	0.3	30.0	0.0	0.1	0.0
05	83.4	63.4	73.4	2.1	2.3	2.0	570.5	508.7	416.7	268.7	138.9	96.2	0.1	0.3	1.4	8.4	0.0	3.9	31.0	0.0	0.0	0.0
06	88.9	69.8	79.4	2.2	1.6	1.4	730.3	670.3	580.3	430.4	281.0	221.9	0.0	0.0	0.0	0.0	0.7	17.4	30.0	0.0	0.0	0.0
07	91.4	71.7	81.6	2.7	1.1	1.6	823.0	761.0	668.0	513.0	358.0	296.0	0.0	0.0	0.0	0.0	1.8	23.8	31.0	0.0	0.0	0.0
08	92.4	71.3	81.9	2.7	1.5	1.7	832.1	770.2	677.2	522.3	367.3	305.6	0.0	0.0	0.0	0.0	2.9	25.4	31.0	0.0	0.0	0.0
09	87.5	66.4	76.9	2.7	2.3	1.8	658.3	598.4	508.4	360.5	220.3	168.2	0.0	0.0	0.1	2.1	0.6	15.3	30.0	0.0	0.0	0.0
10	79.2	56.3	67.7	2.1	3.1	1.9	402.7	345.6	264.5	146.5	63.2	40.3	7.5	12.4	24.3	61.2	0.0	1.9	31.0	0.0	0.2	0.0
11	68.7	46.6	57.6	3.8	3.8	3.4	159.2	124.4	81.4	32.9	9.3	4.8	79.4	104.8	151.8	253.3	0.0	0.0	28.9	0.0	3.1	0.0
12	61.7	40.2	50.9	2.9	3.1	2.6	76.7	58.5	36.4	12.7	2.4	0.8	202.1	246.0	316.8	448.2	0.0	0.0	27.4	0.0	9.2	0.0
Summary	77.3	55.9	66.6	2.9	2.8	2.5	4950	4398	3618	2459	1490	1159	686	864	1180	1845	6.0	88.0	351.7	0.2	29.7	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	4.45	10.1	6.2	2.9	1.2	2.40	4.34	5.94
02	4.29	9.4	5.7	3.0	1.5	2.32	3.46	5.80
03	3.76	8.8	5.3	2.4	1.1	2.26	3.22	5.23
04	3.73	7.3	4.4	2.4	1.2	1.99	3.31	4.57
05	5.25	8.1	5.3	3.0	1.5	2.10	4.86	7.14
06	5.19	9.8	7.3	3.4	1.7	3.62	4.42	7.03
07	3.46	8.1	5.7	2.0	1.0	1.04	2.74	5.28
08	4.56	8.1	5.8	2.7	1.2	2.09	3.12	4.78
09	5.10	7.5	5.1	2.5	1.4	1.82	4.22	8.11
10	5.75	6.7	4.6	2.7	1.8	2.03	3.95	6.64
11	5.39	8.3	5.9	3.0	1.7	2.66	4.61	7.05
12	4.60	10.7	6.6	2.7	1.4	2.81	4.09	5.60
Summary	55.53	102.9	67.9	32.7	16.7	27.14	46.34	73.17

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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	0.1	0.1	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	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.1	0.2	0.1	0.0	0.0	0.0	0.1	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	326.2	393.0	630.7	780.1	1035.4	1180.4	1288.0	1297.3	1108.4	860.3	531.6	352.2
45	206.3	268.3	479.8	630.3	880.4	1030.4	1133.0	1142.2	958.4	705.8	390.7	230.0
50	118.7	164.4	336.7	481.7	725.3	880.3	978.0	987.1	808.3	552.2	263.9	138.6
55	60.6	88.3	210.4	337.6	570.5	730.3	823.0	832.1	658.3	402.7	159.2	76.7
60	25.7	39.9	112.4	207.5	416.7	580.3	668.0	677.2	508.4	264.5	81.4	36.4
Growing Degree Units for Corn (Monthly)												
50/86	201.5	242.1	394.4	509.3	713.6	826.3	889.1	882.6	761.6	568.1	328.4	217.1

Growing Degree Units (Accumulated Monthly)												
40	326	719	1350	2130	3165	4346	5634	6931	8040	8900	9431	9784
45	206	475	954	1585	2465	3496	4628	5771	6729	7435	7826	8056
50	119	283	620	1102	1827	2707	3685	4672	5480	6033	6297	6435
55	61	149	359	697	1267	1998	2821	3653	4311	4714	4873	4950
60	26	66	178	386	802	1382	2050	2728	3236	3501	3582	3618
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	202	444	838	1347	2061	2887	3776	4659	5420	5989	6317	6534

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