

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 447 ft. Lat: 33.1964° N Lon: 95.2236° W
Station: MT VERNON, TX US USC00416119

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	55.6	34.2	44.9	3.4	3.2	3.1	26.7	17.9	8.9	1.6	0.1	0.0	339.6	392.8	476.9	624.5	0.0	0.0	20.4	0.9	13.6	0.0
02	60.2	37.7	49.0	4.6	3.3	3.7	47.8	33.6	18.6	5.6	1.6	0.8	217.1	258.9	327.9	454.9	0.0	0.0	22.0	0.5	8.6	0.0
03	68.1	44.5	56.3	3.8	3.6	3.5	141.6	108.4	68.7	25.6	5.7	2.4	101.3	130.1	183.5	295.3	0.0	0.1	28.8	0.1	2.8	0.0
04	75.5	51.8	63.6	2.9	3.2	2.9	279.2	229.7	162.6	74.7	24.5	13.5	19.6	30.1	53.1	115.1	0.0	0.4	29.8	0.0	0.3	0.0
05	82.2	61.4	71.8	2.5	2.3	2.2	521.4	460.5	370.8	230.4	115.2	79.0	0.6	1.7	5.0	19.6	0.0	3.6	31.0	0.0	0.0	0.0
06	90.0	69.4	79.7	3.3	1.9	2.4	740.9	680.9	591.0	441.3	293.6	236.6	0.0	0.0	0.1	0.4	0.9	15.8	30.0	0.0	0.0	0.0
07	94.3	72.8	83.5	3.8	1.9	2.7	884.9	823.0	730.0	575.0	420.4	358.8	0.0	0.0	0.0	0.0	4.7	25.0	31.0	0.0	0.0	0.0
08	94.6	71.9	83.3	4.4	2.2	3.1	875.5	813.6	720.6	565.7	411.3	350.3	0.0	0.0	0.0	0.1	6.9	23.9	31.0	0.0	0.0	0.0
09	88.2	64.7	76.4	3.7	2.7	2.8	643.6	583.9	494.9	351.2	217.6	170.0	0.2	0.5	1.5	7.8	1.2	13.1	30.0	0.0	0.0	0.0
10	77.3	53.8	65.6	3.1	2.7	2.3	343.0	289.7	216.2	116.6	49.6	32.3	15.9	24.6	44.2	99.5	0.0	2.3	30.9	0.0	0.2	0.0
11	65.8	43.8	54.8	4.2	3.8	3.7	114.9	87.8	55.4	21.3	5.8	2.8	120.8	153.7	211.3	327.3	0.0	0.0	27.3	0.0	4.6	0.0
12	57.6	36.1	46.8	3.2	3.1	2.8	36.8	25.8	14.2	4.1	0.4	0.1	289.3	340.3	421.7	566.6	0.0	0.0	22.6	0.3	10.9	0.0
Summary	75.8	53.5	64.6	3.6	2.8	2.9	4656	4155	3452	2413	1546	1247	1104	1333	1725	2511	13.7	84.2	334.8	1.8	41.0	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	3.41	8.2	5.1	2.6	0.9	1.97	3.51	4.16
02	3.73	8.4	5.9	2.5	1.0	2.21	3.19	4.71
03	4.52	8.9	6.0	3.1	1.5	2.63	4.17	6.99
04	4.13	7.9	5.5	2.9	1.3	2.71	3.86	5.54
05	5.07	9.1	6.5	3.1	1.8	2.63	4.80	6.88
06	4.17	7.5	5.3	2.3	1.3	1.83	3.06	5.93
07	3.18	5.9	3.9	1.7	1.2	1.01	1.78	4.96
08	3.10	5.7	3.9	1.8	0.9	0.98	2.44	4.49
09	3.58	6.4	4.3	2.4	1.3	1.41	2.37	5.10
10	4.74	7.0	5.1	2.8	1.8	2.06	3.76	6.68
11	3.86	7.1	4.9	2.6	1.5	1.50	3.35	4.88
12	4.70	8.1	5.6	3.0	1.6	2.82	4.53	6.20
Summary	48.19	90.2	62.0	30.8	16.1	23.76	40.82	66.52

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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	0.50	0.2	0.2	0.1	0.0	0.0	0.4	0.1	0.1	0.0	0.00	0.00	0.00
02	0.90	0.3	0.2	0.1	0.1	0.0	0.5	0.2	0.1	0.0	0.00	0.00	0.30
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	0.10	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.6	0.8	0.5	0.2	0.1	0.0	1.0	0.3	0.2	0.0	0.0	0.0	0.3

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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	215.6	279.0	513.2	709.6	985.8	1190.9	1349.9	1340.5	1093.4	792.5	451.2	251.0
45	123.8	176.8	371.1	560.8	830.8	1040.8	1194.9	1185.5	943.3	638.4	318.2	148.4
50	62.2	99.7	244.4	415.3	675.9	890.9	1039.9	1030.5	793.4	486.9	203.0	78.5
55	26.7	47.8	141.6	279.2	521.4	740.9	884.9	875.5	643.6	343.0	114.9	36.8
60	8.9	18.6	68.7	162.6	370.8	591.0	730.0	720.6	494.9	216.2	55.4	14.2
Growing Degree Units for Corn (Monthly)												
50/86	135.0	173.5	313.7	450.1	662.7	818.1	906.9	890.5	730.2	505.2	271.0	152.7

Growing Degree Units (Accumulated Monthly)												
40	216	495	1008	1717	2703	3894	5244	6584	7678	8470	8922	9173
45	124	301	672	1232	2063	3104	4299	5484	6428	7066	7384	7533
50	62	162	406	822	1498	2388	3428	4459	5252	5739	5942	6021
55	27	74	216	495	1017	1758	2642	3518	4162	4505	4620	4656
60	9	28	96	259	630	1221	1951	2671	3166	3382	3438	3452
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	135	308	622	1072	1735	2553	3460	4350	5081	5586	5857	6010

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