

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 425 ft. Lat: 33.1689° N Lon: 95.0056° W

Station: MT PLEASANT, TX US USC00416108

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	55.9	32.0	44.0	4.5	2.9	3.4	18.7	12.8	6.7	1.8	0.2	0.0	361.1	417.2	504.1	654.2	0.0	0.0	21.6	0.6	18.1	0.0
02	59.7	35.7	47.7	4.8	3.8	4.0	34.5	23.2	11.5	3.5	0.7	0.2	238.8	283.5	355.8	487.8	0.0	0.0	22.5	0.4	12.0	0.0
03	67.6	42.9	55.3	4.1	3.9	3.8	120.5	90.9	56.3	20.3	4.6	2.0	112.8	145.2	203.6	322.6	0.0	0.1	29.2	0.1	5.6	0.0
04	75.2	49.8	62.5	2.6	3.4	2.7	249.3	202.1	139.0	60.9	17.8	9.4	24.2	37.0	64.0	135.9	0.0	0.6	29.8	0.0	0.7	0.0
05	82.3	60.2	71.3	2.5	2.4	2.2	504.3	443.4	354.4	215.7	104.0	70.0	0.6	1.7	5.6	22.0	0.1	5.7	31.0	0.0	0.0	0.0
06	89.6	68.1	78.8	2.7	2.5	2.3	715.4	655.4	565.4	415.6	268.0	211.2	0.0	0.0	0.0	0.3	0.6	19.1	30.0	0.0	0.0	0.0
07	93.3	71.1	82.2	3.0	2.1	2.2	843.1	781.1	688.1	533.2	378.5	316.8	0.0	0.0	0.0	0.0	5.2	27.3	31.0	0.0	0.0	0.0
08	94.1	70.6	82.3	4.1	2.2	2.9	847.7	785.7	692.7	537.8	383.6	322.8	0.0	0.0	0.0	0.1	8.3	25.4	31.0	0.0	0.0	0.0
09	88.2	63.1	75.6	3.4	3.4	2.9	619.6	559.9	471.1	328.7	199.4	153.6	0.2	0.5	1.7	9.3	1.9	16.2	30.0	0.0	0.0	0.0
10	77.9	51.2	64.5	2.8	3.3	2.2	317.0	264.7	193.4	100.5	41.5	26.1	20.9	30.6	52.3	114.4	0.0	4.2	31.0	0.0	0.8	0.0
11	66.1	40.9	53.5	4.4	4.3	3.8	96.6	71.3	42.6	15.2	4.2	2.0	141.5	176.2	237.6	360.1	0.0	0.1	28.2	0.0	8.0	0.0
12	57.7	34.1	45.9	3.3	3.1	2.7	31.4	22.0	12.0	3.6	0.3	0.0	313.3	365.9	449.0	595.5	0.0	0.0	24.0	0.1	15.9	0.0
Summary	75.6	51.6	63.6	3.5	3.1	2.9	4398	3913	3233	2237	1403	1114	1213	1458	1874	2702	16.1	98.7	339.3	1.2	61.1	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	3.56	6.5	4.8	2.7	1.2	2.47	3.17	4.88
02	4.18	7.0	5.7	2.9	1.1	2.52	3.78	4.70
03	4.36	7.3	5.3	3.3	1.6	2.85	4.11	6.06
04	4.55	6.7	5.1	3.1	1.7	2.67	3.93	5.98
05	5.24	6.7	5.6	2.8	1.8	2.42	4.45	8.04
06	4.32	6.2	4.7	2.8	1.6	2.51	3.56	5.13
07	2.90	4.3	3.3	1.9	1.0	0.54	1.68	3.91
08	2.66	4.1	3.3	1.7	0.8	0.77	1.80	3.55
09	3.62	4.2	3.2	2.2	1.3	1.94	2.79	4.83
10	4.61	5.8	4.3	2.6	1.6	2.11	3.74	6.42
11	3.78	5.4	4.1	2.3	1.3	1.94	2.90	4.32
12	4.79	6.9	5.2	3.1	1.6	2.69	4.63	6.27
Summary	48.57	71.1	54.6	31.4	16.6	25.43	40.54	64.09

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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	0.60	0.3	0.2	0.1	0.0	0.0	0.6	0.2	0.1	0.0	0.00	0.00	0.00
02	1.00	0.4	0.3	0.2	0.1	0.0	0.4	0.2	0.1	0.0	0.00	0.00	0.10
03	0.10	0.1	0.1	0.0	0.0	0.0	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.20	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.9	1.1	0.6	0.3	0.1	0.0	1.1	0.4	0.2	0.0	0.0	0.0	0.1

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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	184.8	246.3	480.5	675.3	968.7	1165.3	1308.1	1312.6	1069.4	761.7	414.2	224.1
45	99.6	148.1	339.5	526.9	813.7	1015.3	1153.1	1157.5	919.3	607.8	284.9	128.2
50	46.7	77.2	215.7	382.5	658.8	865.4	998.1	1002.7	769.4	457.1	177.3	67.2
55	18.7	34.5	120.5	249.3	504.3	715.4	843.1	847.7	619.6	317.0	96.6	31.4
60	6.7	11.5	56.3	139.0	354.4	565.4	688.1	692.7	471.1	193.4	42.6	12.0
Growing Degree Units for Corn (Monthly)												
50/86	135.3	164.3	304.0	435.5	650.0	800.4	881.1	871.5	710.1	496.4	268.2	152.6

Growing Degree Units (Accumulated Monthly)												
40	185	431	912	1587	2556	3721	5029	6342	7411	8173	8587	8811
45	100	248	587	1114	1928	2943	4096	5254	6173	6781	7066	7194
50	47	124	340	722	1381	2246	3244	4247	5016	5474	5651	5718
55	19	53	174	423	927	1643	2486	3334	3953	4270	4367	4398
60	7	18	74	214	568	1133	1821	2514	2985	3179	3221	3233
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	135	300	604	1039	1689	2490	3371	4242	4952	5449	5717	5869

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