

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 562 ft. Lat: 27.8722° N Lon: 98.6175° W

Station: **FREER, TX US USC00413341**

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	66.2	43.3	54.7	4.8	3.8	3.8	118.4	90.5	57.2	21.3	5.4	2.5	125.9	160.0	219.6	338.8	0.0	0.2	27.5	0.1	4.2	0.0
02	71.2	48.0	59.6	5.1	3.4	3.9	189.1	152.3	105.4	48.0	15.5	8.3	60.3	79.5	116.5	199.2	0.1	1.1	26.5	0.0	1.1	0.0
03	77.7	54.6	66.1	3.7	3.7	3.4	367.0	313.3	238.1	132.0	55.3	33.9	21.4	29.7	47.5	96.4	0.2	4.1	30.6	0.0	0.6	0.0
04	84.4	60.0	72.2	3.4	3.3	3.2	519.4	461.2	375.3	239.6	125.2	89.0	3.4	5.2	9.3	23.6	1.0	9.7	30.0	0.0	0.0	0.0
05	90.7	67.4	79.1	3.6	2.3	2.7	745.5	683.5	590.7	437.0	287.6	231.2	0.0	0.1	0.3	1.6	3.4	19.5	31.0	0.0	0.0	0.0
06	94.8	72.3	83.6	2.9	1.7	2.1	856.4	796.3	706.3	556.4	406.5	346.7	0.0	0.0	0.0	0.0	7.8	26.8	30.0	0.0	0.0	0.0
07	97.3	73.7	85.5	3.0	1.0	1.8	945.5	883.5	790.5	635.5	480.5	418.5	0.0	0.0	0.0	0.0	13.0	29.5	31.0	0.0	0.0	0.0
08	98.4	73.3	85.9	2.0	1.4	1.4	956.1	894.0	801.0	646.1	491.2	429.2	0.0	0.0	0.0	0.0	18.6	29.9	31.0	0.0	0.0	0.0
09	92.0	68.9	80.5	2.8	2.1	2.1	763.5	703.5	613.7	464.4	317.2	260.3	0.0	0.0	0.2	0.9	4.1	23.1	30.0	0.0	0.0	0.0
10	85.3	61.9	73.6	2.5	2.3	1.8	579.2	519.2	431.0	290.8	167.0	123.7	2.8	4.8	9.6	24.4	0.1	12.6	31.0	0.0	0.0	0.0
11	75.1	52.5	63.8	3.7	3.0	3.1	296.9	249.0	184.7	97.6	38.1	22.9	32.8	44.8	70.5	133.5	0.0	1.5	29.2	0.0	0.9	0.0
12	67.8	45.3	56.5	3.7	3.3	2.8	149.5	117.9	77.5	31.8	9.7	5.0	101.3	131.7	184.3	293.6	0.0	0.2	29.2	0.0	2.6	0.0
Summary	83.4	60.1	71.8	3.4	2.6	2.7	6486	5864	4971	3601	2399	1971	348	456	658	1112	48.3	158.2	357.0	0.1	9.4	0.0

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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	1.25	3.3	2.0	0.6	0.3	0.19	1.21	1.60
02	1.31	4.2	2.2	0.6	0.2	0.47	0.71	2.17
03	1.92	4.0	2.8	1.4	0.7	0.43	1.79	3.12
04	2.08	3.6	2.7	1.5	0.7	0.55	1.63	3.27
05	2.80	3.9	3.1	2.1	1.4	1.56	2.06	3.53
06	3.07	4.4	3.9	2.1	1.1	1.33	2.65	4.80
07	2.44	2.8	2.2	1.2	0.6	0.65	1.50	2.43
08	2.45	3.0	2.6	1.1	0.7	0.11	0.79	3.89
09	3.35	5.7	4.7	2.3	1.0	1.85	3.35	4.03
10	1.82	3.4	2.5	1.2	0.7	0.67	1.04	2.40
11	1.42	2.9	2.1	0.8	0.2	0.33	0.84	2.22
12	1.24	3.9	2.4	0.5	0.4	0.11	1.02	1.47
Summary	25.15	45.1	33.2	15.4	8.0	8.25	18.59	34.93

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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	0.00	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	466.0	552.3	811.0	966.0	1210.5	1306.4	1410.5	1421.2	1213.5	1041.5	715.2	518.9
45	328.1	419.4	657.9	816.2	1055.5	1156.4	1255.5	1266.2	1063.5	886.5	568.4	375.2
50	209.3	296.2	508.9	667.0	900.5	1006.4	1100.5	1111.2	913.5	732.0	427.8	249.1
55	118.4	189.1	367.0	519.4	745.5	856.4	945.5	956.1	763.5	579.2	296.9	149.5
60	57.2	105.4	238.1	375.3	590.7	706.3	790.5	801.0	613.7	431.0	184.7	77.5
Growing Degree Units for Corn (Monthly)												
50/86	283.3	343.6	519.9	637.8	810.9	871.6	924.6	918.0	813.3	699.3	457.3	318.6

Growing Degree Units (Accumulated Monthly)												
40	466	1018	1829	2795	4006	5312	6723	8144	9357	10399	11114	11633
45	328	748	1405	2222	3277	4434	5689	6955	8019	8905	9474	9849
50	209	506	1014	1681	2582	3588	4689	5800	6714	7446	7873	8122
55	118	308	674	1194	1939	2796	3741	4697	5461	6040	6337	6486
60	57	163	401	776	1367	2073	2864	3664	4278	4709	4894	4971
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	283	627	1147	1785	2596	3467	4392	5310	6123	6822	7280	7598

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

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