

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1685 ft. Lat: 30.2392° N Lon: 98.9089° W
Station: **FREDERICKSBURG, TX US USC00413329**

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	59.8	34.2	47.0	3.8	3.1	2.9	28.0	17.7	8.3	1.5	0.0	0.0	275.8	327.6	411.1	559.3	0.0	0.0	26.1	0.4	13.1	0.0
02	63.8	38.5	51.2	4.3	3.0	3.3	60.0	42.1	22.5	5.1	0.6	0.2	167.7	205.9	270.3	392.9	0.0	0.2	25.3	0.4	7.9	0.0
03	70.7	45.9	58.3	3.7	3.9	3.5	167.4	128.6	80.6	27.1	4.3	1.4	65.1	88.3	133.3	234.8	0.0	0.2	30.2	0.0	2.9	0.0
04	78.0	53.2	65.6	3.1	2.9	2.6	330.2	277.1	202.7	101.1	36.1	20.2	12.1	19.0	34.6	83.1	0.1	2.2	29.8	0.0	0.3	0.0
05	84.0	62.5	73.3	2.9	2.4	2.3	566.5	505.0	413.7	267.1	139.9	98.5	0.8	1.3	3.0	11.3	0.2	7.7	31.0	0.0	0.0	0.0
06	90.3	68.5	79.4	2.6	1.6	1.8	731.8	671.9	581.9	432.0	282.8	224.3	0.0	0.0	0.0	0.1	1.0	20.5	30.0	0.0	0.0	0.0
07	93.4	70.7	82.1	3.0	1.1	1.9	838.5	776.6	683.6	528.6	373.6	311.7	0.0	0.0	0.0	0.0	3.0	27.1	31.0	0.0	0.0	0.0
08	94.2	70.2	82.2	2.5	1.4	1.8	843.0	781.1	688.0	533.1	378.2	316.5	0.0	0.0	0.0	0.0	4.4	27.7	31.0	0.0	0.0	0.0
09	87.9	64.1	76.0	3.4	2.5	2.4	630.0	570.2	480.7	334.7	198.8	150.5	0.1	0.2	0.7	4.7	0.8	15.8	30.0	0.0	0.0	0.0
10	79.1	54.2	66.7	2.4	2.9	1.7	373.0	317.3	238.9	127.9	50.4	30.5	11.9	18.2	32.8	76.8	0.0	2.5	30.9	0.0	0.4	0.0
11	68.2	43.9	56.1	3.9	3.3	3.2	131.5	99.5	60.9	20.4	3.6	1.7	99.8	127.9	179.3	288.8	0.0	0.0	28.7	0.0	5.1	0.0
12	61.4	35.8	48.6	3.2	3.2	2.4	42.5	28.8	14.9	3.3	0.2	0.0	240.8	289.1	368.1	511.6	0.0	0.0	27.6	0.2	12.5	0.0
Summary	77.6	53.5	65.5	3.2	2.6	2.5	4742	4216	3477	2382	1468	1156	874	1078	1433	2163	9.5	103.9	351.6	1.0	42.2	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	1.56	7.0	3.3	1.1	0.3	0.63	1.21	2.55	
02	1.84	7.2	3.2	1.2	0.5	0.31	1.51	2.98	
03	2.50	8.4	4.4	1.4	0.6	1.24	2.43	3.29	
04	2.55	6.4	3.8	1.8	0.7	1.10	1.82	3.54	
05	4.26	8.1	5.3	3.0	1.5	2.14	4.07	5.94	
06	2.98	6.2	4.4	2.0	1.0	1.34	2.37	4.53	
07	1.88	4.5	2.8	1.3	0.5	0.41	0.74	2.12	
08	2.42	5.2	3.3	1.4	0.7	0.79	2.13	4.03	
09	3.25	6.3	4.2	1.7	1.0	1.25	3.42	4.19	
10	3.10	6.5	3.8	1.9	1.0	1.22	2.69	5.13	
11	2.18	6.8	3.6	1.6	0.5	0.97	1.79	3.30	
12	2.04	7.0	3.0	1.1	0.5	0.55	1.45	2.21	
Summary	30.56	79.6	45.1	19.5	8.8	11.95	25.63	43.81	

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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	0.00	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	0.0	0.0	0.0	0.0	0.1	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	0.10	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	0.2	0.1	0.0	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	253.5	330.1	570.7	768.4	1030.7	1181.9	1303.6	1308.0	1080.0	826.3	487.2	292.3
45	146.5	214.9	423.6	619.1	875.7	1031.9	1148.6	1153.0	930.0	672.1	351.4	177.9
50	71.0	122.7	286.1	471.6	720.8	881.8	993.5	998.0	779.9	520.0	230.6	95.3
55	28.0	60.0	167.4	330.2	566.5	731.8	838.5	843.0	630.0	373.0	131.5	42.5
60	8.3	22.5	80.6	202.7	413.7	581.9	683.6	688.0	480.7	238.9	60.9	14.9
Growing Degree Units for Corn (Monthly)												
50/86	180.3	218.4	362.3	503.1	699.7	809.9	875.8	868.5	728.7	546.3	311.2	202.0

Growing Degree Units (Accumulated Monthly)												
40	254	584	1154	1923	2953	4135	5439	6747	7827	8653	9140	9433
45	146	361	785	1404	2280	3312	4460	5613	6543	7215	7567	7745
50	71	194	480	951	1672	2554	3548	4546	5325	5845	6076	6171
55	28	88	255	586	1152	1884	2722	3565	4195	4568	4700	4742
60	8	31	111	314	728	1310	1993	2681	3162	3401	3462	3477
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	180	399	761	1264	1964	2774	3650	4518	5247	5793	6104	6306

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