

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2012 ft. Lat: 32.0444° N Lon: 100.1078° W
Station: **WINGATE, TX US USC00419847**
Generated on 05/23/2024

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	57.6	27.4	42.5	4.3	3.0	2.9	8.4	4.4	1.3	0.2	0.0	0.0	395.7	453.6	543.6	697.5	0.0	0.0	23.5	1.1	19.4	0.0
02	61.8	31.7	46.8	4.8	2.8	3.3	29.2	18.9	8.5	1.9	0.1	0.0	260.2	305.8	379.4	512.9	0.0	0.2	23.0	0.8	11.8	0.0
03	69.5	39.7	54.6	3.9	3.7	3.4	109.1	79.7	45.1	12.8	1.4	0.3	121.5	154.1	212.5	335.2	0.0	0.5	29.3	0.1	4.7	0.0
04	78.3	47.6	63.0	3.4	2.8	2.7	265.0	216.8	151.8	68.2	20.9	11.2	26.4	38.3	63.3	129.7	0.1	3.5	29.8	0.0	0.7	0.0
05	85.2	58.0	71.6	4.2	2.4	3.0	516.5	456.1	367.4	229.7	117.6	83.3	1.9	3.6	7.9	25.2	1.6	10.4	31.0	0.0	0.0	0.0
06	91.6	65.5	78.6	3.6	2.1	2.7	706.4	646.4	556.4	406.6	258.9	202.5	0.0	0.0	0.1	0.2	3.0	19.8	30.0	0.0	0.0	0.0
07	95.1	68.4	81.7	3.2	1.7	2.3	829.2	767.2	674.2	519.2	364.6	303.3	0.0	0.0	0.0	0.0	6.4	26.6	31.0	0.0	0.0	0.0
08	94.7	67.6	81.2	3.2	1.5	2.2	810.5	748.4	655.4	500.5	346.2	285.3	0.0	0.0	0.0	0.0	6.8	25.5	31.0	0.0	0.0	0.0
09	87.8	60.9	74.3	3.3	2.4	2.4	580.8	521.1	432.1	289.2	159.9	115.7	0.3	0.7	1.7	8.7	0.9	13.1	30.0	0.0	0.0	0.0
10	78.3	49.6	63.9	3.0	2.5	2.0	301.8	249.9	178.4	82.8	24.9	12.6	24.4	34.5	56.0	115.4	0.0	2.8	30.6	0.0	0.4	0.0
11	66.6	38.3	52.5	4.1	3.3	3.2	78.9	54.7	28.3	6.3	0.8	0.3	155.3	191.1	254.7	382.7	0.0	0.2	27.2	0.2	6.0	0.0
12	58.4	29.3	43.9	3.5	2.7	2.4	13.4	7.9	3.1	0.3	0.0	0.0	358.9	415.3	503.5	655.7	0.0	0.0	25.3	0.7	17.2	0.0
Summary	77.1	48.7	62.9	3.7	2.6	2.7	4249	3772	3102	2118	1295	1015	1345	1597	2023	2863	18.8	102.6	341.7	2.9	60.2	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	1.07	3.9	2.1	0.6	0.1	0.12	0.95	1.61
02	1.37	4.1	2.5	0.9	0.3	0.33	1.06	1.75
03	1.93	5.8	3.8	1.4	0.5	0.76	1.53	2.90
04	1.84	4.0	2.8	1.4	0.6	0.81	1.36	2.70
05	3.13	6.5	4.7	2.2	0.9	1.80	2.38	4.02
06	3.20	5.8	4.6	2.1	1.1	1.43	2.83	4.41
07	1.76	4.0	2.7	1.3	0.6	0.24	1.10	2.84
08	2.14	5.0	3.6	1.2	0.6	0.59	1.37	3.43
09	3.00	5.1	3.5	1.7	1.0	0.97	2.47	3.50
10	3.06	5.4	3.6	1.9	1.1	1.42	1.96	3.94
11	1.42	4.2	2.8	1.1	0.4	0.25	0.90	1.95
12	1.07	4.1	2.2	0.8	0.3	0.33	0.98	1.38
Summary	24.99	57.9	38.9	16.6	7.5	9.05	18.89	34.43

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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	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.40	0.3	0.2	0.0	0.0	0.0	0.4	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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
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	0.40	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
12	0.30	0.3	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.4	1.0	0.6	0.0	0.0	0.0	1.0	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	156.6	234.6	465.3	689.6	979.6	1156.4	1294.2	1275.5	1030.4	744.0	390.7	182.3
45	77.7	138.7	326.1	541.9	824.6	1006.4	1139.2	1120.5	880.4	591.0	265.6	96.0
50	30.8	70.5	204.3	399.3	669.9	856.4	984.2	965.5	730.5	442.1	159.3	41.0
55	8.4	29.2	109.1	265.0	516.5	706.4	829.2	810.5	580.8	301.8	78.9	13.4
60	1.3	8.5	45.1	151.8	367.4	556.4	674.2	655.4	432.1	178.4	28.3	3.1
Growing Degree Units for Corn (Monthly)												
50/86	152.1	189.1	315.3	447.5	632.5	763.7	839.5	825.2	677.1	483.3	266.4	158.3

Growing Degree Units (Accumulated Monthly)												
40	157	391	856	1546	2526	3682	4976	6252	7282	8026	8417	8599
45	78	216	542	1084	1909	2915	4055	5175	6056	6646	6912	7008
50	31	101	306	705	1375	2231	3215	4181	4911	5354	5513	5554
55	8	38	147	412	928	1635	2464	3274	3855	4157	4236	4249
60	1	10	55	207	574	1130	1805	2460	2892	3071	3099	3102
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	152	341	656	1104	1736	2500	3340	4165	4842	5325	5592	5750

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