

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 3480 ft. Lat: 34.5475° N Lon: 101.7614° W
Station: TULIA, TX US USC00419175

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	51.1	22.7	36.9	4.3	2.5	2.6	0.5	0.1	0.0	0.0	0.0	0.0	561.5	623.1	716.0	871.0	0.0	0.0	19.2	2.7	28.4	0.1
02	55.0	25.6	40.3	5.0	3.2	3.5	4.9	2.5	0.7	0.0	0.0	0.0	416.3	470.0	552.1	691.5	0.0	0.0	19.6	1.7	22.3	0.3
03	63.3	32.6	47.9	3.9	3.3	3.1	34.3	22.1	10.4	2.0	0.1	0.0	252.9	302.6	384.0	530.6	0.0	0.0	26.9	0.5	15.0	0.0
04	71.4	40.1	55.8	3.5	2.6	2.7	118.0	86.8	49.4	12.8	2.4	1.2	95.4	124.2	176.8	290.3	0.0	0.8	28.6	0.0	5.3	0.0
05	79.8	50.9	65.3	4.5	2.4	3.1	336.2	282.4	208.1	107.5	42.4	26.7	15.4	23.5	42.3	96.6	0.5	7.0	30.8	0.0	0.3	0.0
06	88.4	61.1	74.7	4.3	2.0	2.9	592.5	532.6	443.0	296.7	162.7	117.6	0.2	0.3	0.7	4.4	2.8	15.7	30.0	0.0	0.0	0.0
07	91.1	64.9	78.0	3.5	1.4	2.3	712.9	650.9	557.9	403.4	252.3	194.3	0.0	0.0	0.0	0.5	3.3	22.3	31.0	0.0	0.0	0.0
08	89.5	63.5	76.5	3.7	1.6	2.6	666.3	604.3	511.4	357.7	209.3	154.4	0.0	0.0	0.1	1.4	2.2	18.8	31.0	0.0	0.0	0.0
09	82.4	56.0	69.2	3.6	2.5	2.7	430.6	373.5	290.9	165.4	67.4	39.9	4.7	7.6	14.9	39.4	0.5	8.1	29.9	0.0	0.0	0.0
10	72.3	43.9	58.1	3.4	2.8	2.4	168.3	129.0	80.0	25.9	4.2	1.6	72.2	95.0	139.0	239.7	0.0	1.4	29.8	0.2	3.4	0.0
11	60.4	31.7	46.0	5.1	3.1	3.7	24.1	15.0	6.0	0.8	0.0	0.0	292.5	343.4	424.5	569.2	0.0	0.0	24.7	0.8	17.0	0.1
12	51.3	24.2	37.7	3.7	2.2	2.4	1.3	0.5	0.1	0.0	0.0	0.0	535.8	597.0	689.6	844.6	0.0	0.0	19.2	2.3	27.3	0.2
Summary	71.3	43.1	57.2	4.0	2.5	2.8	3090	2700	2158	1372	741	536	2247	2587	3140	4179	9.3	74.1	320.7	8.2	119.0	0.7

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	0.70	2.9	1.4	0.6	0.1	0.02	0.36	1.36
02	0.69	3.7	1.9	0.4	0.1	0.19	0.42	0.94
03	1.36	4.8	2.7	1.0	0.3	0.50	1.25	1.89
04	1.46	4.9	2.7	0.8	0.3	0.27	1.01	1.74
05	2.70	6.9	4.5	2.2	0.7	1.12	2.11	3.63
06	2.94	7.7	5.2	2.1	0.7	1.60	2.23	3.59
07	2.41	6.6	3.9	1.3	0.7	0.90	1.92	3.63
08	2.65	7.7	4.5	1.9	0.8	1.43	1.93	3.49
09	1.99	6.0	3.2	1.6	0.4	0.99	1.75	2.99
10	1.91	5.1	3.1	1.0	0.4	0.45	1.14	2.81
11	0.96	3.8	2.1	0.6	0.1	0.20	0.71	1.40
12	0.77	3.7	2.0	0.4	0.1	0.18	0.52	1.12
Summary	20.54	63.8	37.2	13.9	4.7	7.85	15.35	28.59

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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	2.50	1.4	0.9	0.3	0.1	0.0	1.7	0.9	0.3	0.0	0.00	0.80	4.00
02	2.40	1.4	0.9	0.2	0.1	0.0	1.5	0.3	0.2	0.1	0.00	0.00	2.70
03	1.30	0.8	0.6	0.1	0.0	0.0	0.6	0.2	0.1	0.0	0.00	0.20	1.80
04	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
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	0.30	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	1.90	0.6	0.6	0.3	0.1	0.0	0.7	0.3	0.2	0.0	0.00	0.00	1.60
12	2.60	1.7	1.0	0.3	0.0	0.0	1.3	0.5	0.3	0.0	0.10	1.00	4.10
Summary	11.1	6.2	4.3	1.2	0.3	0.0	6.1	2.2	1.1	0.1	0.1	2.0	14.2

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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	69.2	117.0	284.8	479.6	786.1	1042.3	1177.9	1131.3	875.9	567.8	233.2	83.1
45	25.5	55.7	170.3	341.3	632.0	892.3	1022.9	976.3	726.3	421.8	134.8	32.7
50	6.2	19.3	85.1	217.5	480.5	742.4	867.9	821.3	577.7	285.0	64.6	8.8
55	0.5	4.9	34.3	118.0	336.2	592.5	712.9	666.3	430.6	168.3	24.1	1.3
60	0.0	0.7	10.4	49.4	208.1	443.0	557.9	511.4	290.9	80.0	6.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	90.1	121.5	227.7	327.5	492.4	676.6	775.6	746.9	564.1	365.4	183.5	92.2

Growing Degree Units (Accumulated Monthly)												
40	69	186	471	951	1737	2779	3957	5088	5964	6532	6765	6848
45	26	81	252	593	1225	2117	3140	4116	4843	5264	5399	5432
50	6	26	111	328	809	1551	2419	3240	3818	4103	4168	4176
55	0	5	40	158	494	1086	1799	2466	2896	3065	3089	3090
60	0	1	11	60	269	712	1270	1781	2072	2152	2158	2158
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	90	212	439	767	1259	1936	2711	3458	4022	4388	4571	4663

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