

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 470 ft. Lat: 29.6339° N Lon: 97.0644° W

Station: FLATONIA 4SE, TX US USC00413183

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	62.0	39.9	50.9	4.0	3.2	3.4	67.4	48.8	27.3	7.8	0.8	0.1	192.8	236.1	307.7	443.2	0.0	0.0	26.5	0.3	4.3	0.0
02	65.9	43.5	54.7	4.3	3.5	3.6	103.7	77.7	47.0	15.1	2.5	0.9	112.0	142.1	195.3	303.5	0.0	0.1	25.7	0.2	2.0	0.0
03	72.0	49.4	60.7	3.2	3.9	3.4	222.6	177.5	118.2	49.0	11.8	5.1	45.8	62.7	96.5	182.3	0.0	0.2	30.3	0.0	0.6	0.0
04	78.8	56.9	67.9	3.4	2.9	2.9	390.5	333.8	252.2	134.1	50.5	28.7	5.0	8.3	16.7	48.6	0.0	1.1	30.0	0.0	0.0	0.0
05	85.1	64.1	74.6	2.8	2.0	2.2	607.7	545.9	453.4	302.2	163.5	116.8	0.1	0.3	0.8	4.6	0.0	6.8	31.0	0.0	0.0	0.0
06	90.9	69.7	80.3	2.9	1.0	1.7	758.9	698.8	608.9	459.0	309.5	250.1	0.0	0.0	0.0	0.1	0.7	19.1	30.0	0.0	0.0	0.0
07	94.0	71.4	82.7	2.9	1.2	1.9	858.7	796.7	703.7	548.7	393.7	331.7	0.0	0.0	0.0	0.0	2.6	25.8	31.0	0.0	0.0	0.0
08	95.0	71.2	83.1	2.5	0.9	1.5	870.9	808.8	715.9	561.0	406.1	344.3	0.0	0.0	0.0	0.0	3.9	27.2	31.0	0.0	0.0	0.0
09	89.5	67.2	78.4	3.2	1.9	2.0	700.4	640.4	550.6	402.0	257.8	203.3	0.0	0.0	0.1	1.5	1.0	16.5	30.0	0.0	0.0	0.0
10	81.5	58.2	69.9	2.2	2.0	1.6	466.0	407.1	322.2	194.5	92.8	62.3	5.7	8.8	16.9	44.2	0.0	3.9	31.0	0.0	0.0	0.0
11	71.2	48.4	59.8	3.8	3.2	3.4	204.3	164.1	111.9	48.3	14.2	7.8	60.2	79.9	117.8	204.3	0.0	0.0	28.9	0.0	0.8	0.0
12	63.4	41.5	52.4	3.3	3.1	2.8	87.1	64.8	39.1	13.3	2.4	0.6	166.0	205.7	273.0	402.3	0.0	0.0	27.6	0.1	3.4	0.0
Summary	79.1	56.8	67.9	3.2	2.4	2.5	5338	4764	3950	2735	1706	1352	588	744	1025	1635	8.2	100.7	353.0	0.6	11.1	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	2.80	8.0	4.6	1.6	0.7	1.08	2.38	3.83
02	2.12	7.6	4.3	1.1	0.4	0.83	1.79	2.97
03	2.94	7.4	4.3	2.2	1.0	1.68	2.69	3.95
04	3.31	6.3	3.7	1.8	0.9	1.05	2.52	4.92
05	4.43	7.4	5.5	2.8	1.6	2.04	3.92	6.72
06	3.77	8.0	5.6	2.6	1.2	1.95	3.55	5.25
07	2.05	5.4	3.9	1.5	0.6	0.56	1.32	2.89
08	2.81	5.8	3.9	1.6	0.7	0.55	1.87	3.37
09	3.39	7.5	5.5	2.1	1.0	1.70	3.64	5.20
10	4.40	6.4	4.4	2.1	1.5	1.31	3.05	7.10
11	3.18	7.1	4.4	1.6	1.0	1.11	2.03	3.85
12	2.67	7.8	4.3	1.9	0.7	1.02	2.26	3.08
Summary	37.87	84.7	54.4	22.9	11.3	14.88	31.02	53.13

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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	0.00	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	360.7	421.4	643.5	835.5	1072.6	1209.0	1323.7	1336.0	1150.5	925.4	596.2	398.9
45	235.9	296.0	493.4	685.6	917.6	1058.9	1168.7	1181.0	1000.5	770.7	453.0	268.3
50	135.4	187.3	350.6	536.7	762.6	908.9	1013.7	1025.9	850.4	617.0	319.9	162.6
55	67.4	103.7	222.6	390.5	607.7	758.9	858.7	870.9	700.4	466.0	204.3	87.1
60	27.3	47.0	118.2	252.2	453.4	608.9	703.7	715.9	550.6	322.2	111.9	39.1
Growing Degree Units for Corn (Monthly)												
50/86	217.1	255.1	399.6	547.5	736.8	829.3	887.7	884.2	780.6	613.3	367.9	239.9
Growing Degree Units (Accumulated Monthly)												
40	361	782	1426	2261	3334	4543	5866	7202	8353	9278	9874	10273
45	236	532	1025	1711	2628	3687	4856	6037	7038	7808	8261	8530
50	135	323	673	1210	1973	2882	3895	4921	5772	6388	6708	6871
55	67	171	394	784	1392	2151	3010	3880	4581	5047	5251	5338
60	27	74	192	445	898	1507	2211	2927	3477	3799	3911	3950
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	217	472	872	1419	2156	2985	3873	4757	5538	6151	6519	6759

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