

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3336 ft. Lat: 32.7131° N Lon: 102.6597° W
Station: SEMINOLE, TX US USC00418201
Generated on 04/19/2024

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	56.2	27.9	42.1	4.3	2.7	2.8	4.2	1.6	0.4	0.0	0.0	0.0	405.6	465.0	556.7	711.4	0.0	0.0	22.9	1.7	23.9	0.0
02	61.2	30.7	46.0	4.6	2.6	3.1	17.3	9.7	3.7	0.5	0.1	0.0	270.7	319.0	397.0	533.8	0.0	0.0	22.4	0.9	16.4	0.0
03	69.1	37.6	53.4	3.7	3.0	2.9	86.4	60.4	32.3	7.7	1.1	0.3	137.5	173.5	238.4	368.9	0.0	0.2	28.5	0.2	7.7	0.0
04	77.8	44.9	61.4	3.0	2.4	2.4	226.4	180.3	120.6	46.7	10.9	4.9	35.8	49.7	80.0	156.2	0.0	2.8	29.4	0.0	1.5	0.0
05	85.8	55.2	70.5	4.5	2.5	3.3	484.4	425.4	339.6	209.1	105.4	74.6	4.0	6.9	14.1	38.6	1.9	12.0	30.9	0.0	0.1	0.0
06	93.2	64.1	78.6	3.5	2.0	2.6	709.4	649.4	559.4	410.1	264.2	208.7	0.0	0.0	0.1	0.8	5.3	20.7	30.0	0.0	0.0	0.0
07	94.0	67.2	80.6	3.0	1.7	2.2	793.6	731.6	638.6	483.8	329.7	269.0	0.0	0.0	0.0	0.2	5.3	24.7	31.0	0.0	0.0	0.0
08	93.1	66.2	79.6	3.0	1.6	2.2	764.0	702.0	608.9	454.3	301.4	242.0	0.0	0.0	0.0	0.4	3.1	23.3	31.0	0.0	0.0	0.0
09	85.6	59.3	72.4	3.9	2.0	2.6	525.7	466.8	379.4	240.7	122.7	83.7	2.2	3.3	5.9	17.2	0.6	10.3	29.9	0.0	0.0	0.0
10	77.1	48.0	62.5	2.6	2.2	1.7	264.4	214.3	146.7	60.6	14.8	6.5	30.5	42.3	67.7	136.6	0.0	2.5	30.3	0.1	0.9	0.0
11	64.9	36.0	50.5	4.5	2.8	3.2	52.0	34.4	16.4	3.0	0.2	0.1	188.5	230.8	302.8	439.4	0.0	0.0	26.6	0.3	9.8	0.0
12	56.7	28.6	42.6	3.2	2.0	2.1	5.8	2.3	0.4	0.0	0.0	0.0	388.5	447.1	538.1	692.7	0.0	0.0	22.5	1.1	21.8	0.0
Summary	76.2	47.1	61.7	3.7	2.3	2.6	3934	3478	2846	1916	1150	890	1463	1738	2201	3096	16.2	96.5	335.4	4.3	82.1	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	0.69	3.9	2.1	0.3	0.0	0.04	0.54	1.19
02	0.72	4.1	2.0	0.4	0.0	0.11	0.51	0.85
03	1.01	3.7	2.0	0.7	0.2	0.10	0.85	1.46
04	1.05	3.0	1.8	0.6	0.4	0.13	0.72	1.59
05	2.23	4.8	2.8	1.2	0.5	0.24	1.70	2.51
06	1.92	5.2	3.7	1.2	0.6	1.04	2.12	2.71
07	2.05	5.2	3.8	1.3	0.5	0.80	1.32	2.71
08	1.78	5.4	3.2	0.9	0.5	0.50	1.25	2.08
09	2.75	5.8	3.8	1.7	0.8	0.91	2.09	3.45
10	1.33	4.6	2.6	0.8	0.3	0.28	0.65	1.49
11	1.00	3.6	1.9	0.5	0.3	0.10	0.52	1.22
12	0.68	3.1	1.8	0.5	0.1	0.14	0.43	0.95
Summary	17.21	52.4	31.5	10.1	4.2	4.39	12.70	22.21

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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	1.70	1.0	0.8	0.2	0.1	0.0	1.3	0.3	0.1	0.0	0.00	0.00	2.00
02	1.30	0.7	0.5	0.2	0.1	0.0	0.8	0.2	0.0	0.0	0.00	0.00	0.50
03	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
04	0.10	0.1	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	0.80	0.3	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	0.60
12	0.80	0.7	0.5	0.3	0.1	0.0	0.9	0.4	0.2	0.0	0.00	0.00	0.00
Summary	4.8	2.8	2.1	0.8	0.3	0.0	3.4	1.0	0.3	0.0	0.0	0.0	3.1

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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	142.5	209.9	428.3	642.1	945.5	1159.3	1258.6	1228.9	973.5	701.3	336.5	155.9
45	65.2	116.5	292.2	495.9	790.6	1009.3	1103.6	1073.9	823.6	549.4	215.9	75.5
50	21.5	52.8	175.7	355.7	636.5	859.3	948.6	918.9	674.2	402.2	117.9	26.7
55	4.2	17.3	86.4	226.4	484.4	709.4	793.6	764.0	525.7	264.4	52.0	5.8
60	0.4	3.7	32.3	120.6	339.6	559.4	638.6	608.9	379.4	146.7	16.4	0.4
Growing Degree Units for Corn (Monthly)												
50/86	136.9	180.0	304.8	420.9	590.7	741.2	817.6	799.6	631.8	445.4	239.8	141.1

Growing Degree Units (Accumulated Monthly)												
40	142	352	781	1423	2368	3528	4786	6015	6989	7690	8026	8182
45	65	182	474	970	1760	2770	3873	4947	5771	6320	6536	6612
50	22	74	250	606	1242	2102	3050	3969	4643	5045	5163	5190
55	4	22	108	334	819	1528	2322	3086	3611	3876	3928	3934
60	0	4	36	157	497	1056	1695	2304	2683	2830	2846	2846
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	137	317	622	1043	1633	2374	3192	3992	4624	5069	5309	5450

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

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