

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 342 ft. Lat: 31.7900° N Lon: 86.6086° W

Station: GREENVILLE, AL US USC00013519

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	59.9	33.9	46.9	3.8	3.9	3.7	36.6	25.1	12.3	2.6	0.4	0.2	287.4	337.8	418.2	563.5	0.0	0.0	25.5	0.2	13.8	0.0
02	64.3	37.3	50.8	4.1	4.4	4.0	59.7	42.9	24.4	6.6	0.8	0.2	177.3	216.4	282.0	404.2	0.0	0.0	24.9	0.1	9.8	0.0
03	71.4	42.9	57.1	3.7	4.2	3.7	148.6	113.4	70.3	21.8	3.2	1.0	82.0	108.8	158.7	265.2	0.0	0.0	30.3	0.0	4.6	0.0
04	77.9	49.4	63.6	2.6	3.1	2.6	275.2	223.6	154.7	67.8	17.0	7.3	15.6	24.1	45.1	108.3	0.0	0.1	30.0	0.0	0.4	0.0
05	84.8	58.1	71.4	2.0	2.8	1.9	510.2	448.9	358.9	217.5	96.4	59.8	0.3	1.0	4.0	17.6	0.0	4.7	31.0	0.0	0.0	0.0
06	89.8	65.6	77.7	2.7	1.7	1.7	680.9	620.9	530.9	381.0	232.5	175.2	0.0	0.0	0.0	0.0	0.0	15.2	30.0	0.0	0.0	0.0
07	91.7	68.8	80.2	2.4	1.3	1.3	782.7	720.7	627.7	472.7	317.8	256.0	0.0	0.0	0.0	0.0	0.4	20.7	31.0	0.0	0.0	0.0
08	91.5	68.4	79.9	2.7	2.0	1.9	773.4	711.3	618.4	463.4	308.9	247.7	0.0	0.0	0.0	0.0	0.5	19.1	31.0	0.0	0.0	0.0
09	87.6	63.7	75.7	2.3	2.5	2.0	619.4	559.4	469.8	323.0	186.2	137.3	0.0	0.1	0.5	3.6	0.0	10.3	30.0	0.0	0.0	0.0
10	79.3	52.0	65.7	2.3	3.8	2.5	345.1	290.7	215.0	110.5	42.1	25.3	15.0	22.6	39.9	90.3	0.0	1.0	31.0	0.0	0.7	0.0
11	69.3	41.1	55.2	3.5	3.7	3.3	110.5	83.5	52.0	17.7	3.1	1.2	104.3	137.3	195.9	311.6	0.0	0.0	29.3	0.0	6.2	0.0
12	62.2	36.3	49.2	3.5	4.3	3.7	53.9	37.9	20.1	4.8	0.9	0.3	232.1	278.0	353.3	493.0	0.0	0.0	27.2	0.0	11.9	0.0
Summary	77.5	51.5	64.5	3.0	3.1	2.7	4396	3878	3154	2089	1209	912	914	1126	1498	2257	0.9	71.1	351.2	0.3	47.4	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	5.72	10.8	7.3	3.7	2.2	4.07	5.22	6.83
02	4.72	9.7	6.2	3.4	1.5	3.12	4.49	5.93
03	5.45	9.1	6.4	3.6	1.8	3.03	5.34	6.93
04	4.98	8.4	5.4	3.0	1.6	2.95	3.95	5.96
05	4.16	8.3	5.5	2.7	1.2	2.08	3.37	5.68
06	5.32	10.8	7.8	3.2	1.7	2.81	5.38	6.45
07	5.81	13.0	8.7	3.8	1.7	3.57	5.47	6.67
08	5.25	12.4	7.9	3.3	1.5	3.55	4.93	6.42
09	3.97	8.4	5.2	2.3	1.4	1.66	2.79	5.19
10	3.95	6.9	4.1	2.1	1.0	1.09	3.81	5.51
11	4.97	8.1	5.5	3.1	1.6	3.31	4.07	5.65
12	5.52	10.6	6.3	3.3	1.6	3.26	4.40	6.20
Summary	59.82	116.5	76.3	37.5	18.8	34.50	53.22	73.42

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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	0.10	0.1	0.1	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	0.20	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	0.20	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	0.5	0.1	0.1	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	256.2	318.5	535.2	709.6	974.9	1130.9	1247.7	1238.4	1069.4	795.3	459.1	309.8
45	153.9	207.9	389.0	560.4	819.9	980.9	1092.7	1083.4	919.4	640.9	321.2	195.8
50	81.8	120.8	256.7	414.0	664.9	830.9	937.7	928.4	769.4	489.7	202.0	111.1
55	36.6	59.7	148.6	275.2	510.2	680.9	782.7	773.4	619.4	345.1	110.5	53.9
60	12.3	24.4	70.3	154.7	358.9	530.9	627.7	618.4	469.8	215.0	52.0	20.1
Growing Degree Units for Corn (Monthly)												
50/86	177.7	219.6	357.8	467.7	650.6	764.9	845.8	838.3	724.0	527.8	311.6	209.7
Growing Degree Units (Accumulated Monthly)												
40	256	575	1110	1820	2794	3925	5173	6411	7481	8276	8735	9045
45	154	362	751	1311	2131	3112	4205	5288	6208	6848	7170	7365
50	82	203	459	873	1538	2369	3307	4235	5005	5494	5696	5807
55	37	96	245	520	1030	1711	2494	3267	3887	4232	4342	4396
60	12	37	107	262	621	1152	1779	2398	2867	3082	3134	3154
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	178	397	755	1223	1873	2638	3484	4322	5046	5574	5886	6096

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