

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 390 ft. Lat: 31.9172° N Lon: 87.7347° W

Station: THOMASVILLE, AL US USC00018178

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	58.8	37.0	47.9	3.6	3.9	3.6	44.1	31.3	17.3	4.0	0.4	0.1	264.0	313.2	392.2	534.0	0.0	0.0	24.2	0.1	13.2	0.0
02	63.1	40.3	51.7	4.0	4.2	3.9	67.8	49.1	28.5	8.1	1.3	0.4	160.1	197.3	260.8	380.4	0.0	0.0	24.1	0.1	8.8	0.0
03	70.8	46.7	58.7	3.9	4.0	3.8	182.1	142.4	92.9	36.4	8.1	3.5	65.9	88.2	131.8	230.2	0.0	0.0	30.0	0.0	2.9	0.0
04	77.5	53.0	65.3	2.4	3.1	2.6	320.9	268.4	195.6	97.5	33.3	17.7	13.3	20.9	38.1	90.0	0.0	0.3	29.9	0.0	0.0	0.0
05	84.9	61.8	73.3	2.5	2.3	2.1	568.9	507.4	416.1	270.2	141.7	99.3	0.1	0.7	2.4	11.4	0.0	5.4	31.0	0.0	0.0	0.0
06	89.6	68.9	79.3	2.3	1.4	1.6	727.4	667.4	577.4	427.5	278.6	220.8	0.0	0.0	0.0	0.0	0.1	15.6	30.0	0.0	0.0	0.0
07	91.6	71.5	81.5	2.0	1.1	1.3	823.0	761.0	668.0	513.0	358.0	296.1	0.0	0.0	0.0	0.0	0.4	21.1	31.0	0.0	0.0	0.0
08	91.8	70.7	81.2	2.9	1.6	2.1	813.6	751.6	658.6	503.7	349.1	287.7	0.0	0.0	0.0	0.0	0.7	21.2	31.0	0.0	0.0	0.0
09	88.1	65.9	77.0	2.7	2.1	2.0	659.8	599.8	509.8	361.4	220.0	168.1	0.0	0.0	0.1	1.5	0.1	10.1	30.0	0.0	0.0	0.0
10	79.0	54.8	66.9	2.7	3.0	2.3	378.3	322.7	244.7	132.1	51.6	31.1	9.4	15.8	30.9	73.1	0.0	1.0	30.9	0.0	0.0	0.0
11	68.5	45.0	56.7	3.7	3.4	3.3	135.6	103.3	64.5	24.1	5.8	2.4	83.0	110.7	161.9	271.6	0.0	0.0	29.1	0.0	3.5	0.0
12	60.6	39.1	49.9	3.2	4.0	3.5	57.7	41.6	23.5	6.8	1.6	0.7	217.1	263.0	338.0	476.3	0.0	0.0	25.4	0.1	12.1	0.0
Summary	77.0	54.6	65.8	3.0	2.8	2.7	4779	4246	3497	2385	1449	1128	813	1010	1356	2068	1.3	74.7	346.6	0.3	40.5	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	5.48	10.6	7.6	3.8	2.0	3.78	4.88	6.70
02	4.63	9.2	6.9	3.8	1.4	3.04	4.64	6.18
03	5.65	8.7	6.6	3.8	2.1	3.43	4.75	7.32
04	4.01	7.6	5.2	2.3	1.2	2.87	3.90	5.04
05	4.05	8.1	5.8	2.6	1.0	2.60	3.32	5.24
06	4.60	9.9	6.9	3.1	1.5	2.41	3.20	6.13
07	6.00	12.1	8.4	4.5	2.0	4.04	5.20	7.79
08	4.83	10.2	6.8	2.6	1.2	2.70	4.57	6.92
09	4.27	8.3	5.7	2.7	1.4	2.45	3.29	5.05
10	3.96	6.8	4.4	2.2	1.0	1.61	3.38	4.99
11	4.75	8.3	5.6	3.4	2.1	2.69	4.24	5.92
12	5.26	9.8	6.2	3.5	1.9	3.76	4.34	6.06
Summary	57.49	109.6	76.1	38.3	18.8	35.38	49.71	73.34

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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	0.00	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	0.1	0.1	0.1	0.1	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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	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	281.5	340.7	584.6	757.5	1033.8	1177.5	1288.0	1278.7	1109.9	834.1	504.5	324.5
45	173.1	225.0	436.4	607.9	878.7	1027.4	1132.9	1123.6	959.7	679.6	362.8	204.6
50	94.3	132.8	298.5	461.1	723.7	877.4	978.0	968.6	809.8	526.1	236.7	116.4
55	44.1	67.8	182.1	320.9	568.9	727.4	823.0	813.6	659.8	378.3	135.6	57.7
60	17.3	28.5	92.9	195.6	416.1	577.4	668.0	658.6	509.8	244.7	64.5	23.5
Growing Degree Units for Corn (Monthly)												
50/86	170.0	208.0	363.4	490.6	698.1	813.3	887.3	873.5	757.2	542.7	310.9	193.6
Growing Degree Units (Accumulated Monthly)												
40	282	622	1207	1964	2998	4176	5464	6742	7852	8686	9191	9515
45	173	398	834	1442	2321	3349	4481	5605	6565	7244	7607	7812
50	94	227	526	987	1710	2588	3566	4534	5344	5870	6107	6223
55	44	112	294	615	1184	1911	2734	3548	4208	4586	4722	4779
60	17	46	139	334	750	1328	1996	2654	3164	3409	3473	3497
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	170	378	741	1232	1930	2743	3631	4504	5261	5804	6115	6309

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