

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 622 ft. Lat: 34.4883° N Lon: 87.2989° W
Station: MOULTON 2, AL US USC00015635

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	50.6	30.0	40.3	4.1	4.5	4.2	11.5	6.7	2.4	0.2	0.0	0.0	466.9	524.1	612.9	765.8	0.0	0.0	18.5	1.7	17.6	0.0
02	54.8	32.9	43.8	4.3	3.8	3.9	17.6	11.3	5.1	0.8	0.0	0.0	329.7	379.3	457.2	593.0	0.0	0.0	20.2	0.5	13.1	0.1
03	63.4	40.3	51.9	4.3	3.5	3.8	77.5	55.2	29.9	7.3	0.7	0.2	175.2	214.8	282.6	415.0	0.0	0.0	28.2	0.1	7.6	0.0
04	72.0	48.6	60.3	3.0	3.1	2.9	203.6	161.5	107.6	42.1	8.6	2.9	44.6	62.5	98.6	183.0	0.0	0.0	29.8	0.0	1.1	0.0
05	79.1	57.4	68.3	2.3	2.7	2.3	414.6	356.1	272.1	147.2	54.1	29.1	3.9	7.4	16.3	46.5	0.0	1.2	31.0	0.0	0.0	0.0
06	85.8	64.9	75.3	2.8	2.0	2.0	610.3	550.3	460.4	311.5	171.4	121.7	0.0	0.0	0.0	1.1	0.1	8.8	30.0	0.0	0.0	0.0
07	88.4	68.4	78.4	2.3	1.8	1.8	725.3	663.3	570.3	415.4	261.5	201.6	0.0	0.0	0.0	0.0	0.3	15.1	31.0	0.0	0.0	0.0
08	88.4	67.2	77.8	3.2	2.1	2.4	706.6	644.6	551.6	396.9	244.8	186.6	0.0	0.0	0.0	0.2	0.6	14.7	31.0	0.0	0.0	0.0
09	83.6	60.7	72.1	3.2	2.4	2.4	514.9	455.4	368.0	231.5	115.6	77.9	0.5	1.1	3.7	17.1	0.0	6.7	30.0	0.0	0.0	0.0
10	73.5	48.5	61.0	2.8	2.9	2.1	226.0	180.7	122.2	50.4	13.6	6.8	40.0	56.7	91.1	174.4	0.0	0.3	30.9	0.0	1.6	0.0
11	61.9	38.3	50.1	4.1	3.5	3.5	55.2	38.5	20.8	5.5	0.6	0.1	202.1	245.4	317.6	452.4	0.0	0.0	26.9	0.0	9.4	0.0
12	53.2	32.6	42.9	3.8	4.0	3.7	17.9	11.4	5.3	1.0	0.0	0.0	392.9	448.3	535.2	686.0	0.0	0.0	20.5	0.4	15.6	0.0
Summary	71.2	49.1	60.2	3.3	3.0	2.9	3581	3135	2516	1610	871	627	1656	1940	2415	3334	1.0	46.8	328.0	2.7	66.0	0.1

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	5.33	11.9	7.6	3.6	1.8	4.04	4.94	6.56
02	5.63	11.6	8.2	3.8	1.5	3.36	4.46	7.49
03	5.72	12.7	8.6	4.4	1.7	4.68	5.24	6.97
04	5.45	9.7	7.4	3.8	1.6	3.78	4.51	6.26
05	5.18	10.4	7.4	3.7	1.5	3.41	4.93	7.09
06	4.57	10.6	7.6	3.2	1.3	2.49	4.29	5.86
07	5.06	11.3	7.9	3.2	1.5	2.94	4.67	6.34
08	4.25	9.6	6.8	3.1	1.3	2.41	4.23	6.17
09	4.05	7.6	5.4	2.7	1.2	2.04	3.92	5.58
10	4.21	7.6	5.2	2.6	1.3	1.87	3.86	5.89
11	4.37	8.9	6.5	3.4	1.4	3.36	4.00	5.53
12	6.39	12.0	8.0	4.2	2.0	4.83	5.52	7.40
Summary	60.21	123.9	86.6	41.7	18.1	39.21	54.57	77.14

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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	0.50	0.4	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.70
02	0.90	0.4	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	0.10
03	0.50	0.2	0.2	0.0	0.0	0.0	0.2	0.1	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	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	2.1	1.3	0.8	0.1	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.8

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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	137.6	173.9	385.0	610.1	875.7	1060.3	1190.3	1171.6	964.3	651.9	322.5	169.0
45	71.9	97.0	257.6	463.5	720.7	910.3	1035.3	1016.6	814.3	500.2	205.7	92.9
50	32.5	46.5	153.7	325.4	566.0	760.4	880.3	861.7	664.4	355.7	115.6	45.2
55	11.5	17.6	77.5	203.6	414.6	610.3	725.3	706.6	514.9	226.0	55.2	17.9
60	2.4	5.1	29.9	107.6	272.1	460.4	570.3	551.6	368.0	122.2	20.8	5.3
Growing Degree Units for Corn (Monthly)												
50/86	80.4	109.0	233.9	379.9	575.5	732.2	830.2	808.5	648.6	417.3	201.9	98.4

Growing Degree Units (Accumulated Monthly)												
40	138	312	696	1307	2182	3243	4433	5604	6569	7221	7543	7712
45	72	169	426	890	1611	2521	3556	4573	5387	5887	6093	6186
50	32	79	233	558	1124	1884	2765	3626	4291	4647	4762	4807
55	12	29	107	310	725	1335	2060	2767	3282	3508	3563	3581
60	2	8	37	145	417	878	1448	1999	2367	2490	2510	2516
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	80	189	423	803	1379	2111	2941	3750	4398	4816	5017	5116

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