

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 490 ft. Lat: 33.2053° N Lon: 86.2114° W

Station: SYLACAUGA 4 NE, AL US USC00017999

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	54.5	31.4	42.9	3.8	4.7	4.0	20.6	13.0	5.2	0.6	0.0	0.0	394.0	448.4	533.6	684.0	0.0	0.0	21.8	0.7	18.5	0.1
02	58.7	34.4	46.5	4.1	4.2	3.9	28.3	18.7	9.1	1.7	0.1	0.0	264.9	311.2	385.6	518.3	0.0	0.0	22.4	0.1	14.5	0.0
03	66.7	41.3	54.0	4.3	4.0	3.9	102.1	75.9	44.2	10.9	1.0	0.3	133.1	169.0	230.3	351.9	0.0	0.0	29.4	0.1	7.9	0.0
04	74.6	47.5	61.0	2.6	3.3	2.7	215.9	171.1	113.4	43.8	8.5	3.2	34.3	49.5	81.8	162.2	0.0	0.1	29.8	0.0	2.2	0.0
05	81.3	56.9	69.1	2.3	2.9	2.2	439.4	379.8	294.0	165.2	65.3	36.8	2.3	4.7	12.0	38.1	0.0	2.8	31.0	0.0	0.0	0.0
06	87.3	65.1	76.2	2.7	2.2	1.9	635.9	575.9	486.0	337.2	194.1	141.5	0.0	0.0	0.0	1.2	0.0	12.2	30.0	0.0	0.0	0.0
07	90.3	68.5	79.4	2.3	1.8	1.5	756.3	694.3	601.3	446.3	291.7	230.3	0.0	0.0	0.0	0.0	0.8	20.4	31.0	0.0	0.0	0.0
08	89.4	67.4	78.4	2.8	2.1	2.1	725.3	663.3	570.3	415.4	262.0	202.5	0.0	0.0	0.0	0.1	0.8	17.6	31.0	0.0	0.0	0.0
09	85.0	61.4	73.2	3.1	2.8	2.5	546.1	486.4	398.2	257.6	134.3	93.0	0.2	0.6	2.3	11.7	0.0	7.9	30.0	0.0	0.0	0.0
10	75.6	48.8	62.2	2.6	4.1	2.8	253.9	206.7	143.8	64.9	21.2	12.1	30.6	45.4	75.6	151.6	0.0	0.4	31.0	0.0	2.1	0.0
11	65.0	38.5	51.7	3.9	3.8	3.5	69.6	50.0	28.1	8.3	1.0	0.3	166.9	207.4	275.5	405.7	0.0	0.0	28.7	0.0	11.5	0.0
12	56.8	33.8	45.3	3.8	4.1	3.8	27.8	18.1	8.0	1.8	0.2	0.0	328.4	380.7	463.6	612.5	0.0	0.0	23.9	0.2	16.0	0.0
Summary	73.8	49.6	61.7	3.2	3.3	2.9	3821	3353	2702	1754	979	720	1355	1617	2060	2937	1.6	61.4	340.0	1.1	72.7	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	5.55	9.8	7.6	3.7	1.9	3.49	5.19	6.79
02	5.88	9.7	7.4	4.3	2.0	4.33	5.42	7.24
03	5.45	9.5	7.3	3.5	2.0	3.80	4.98	7.29
04	4.79	8.2	6.7	3.1	1.5	3.31	4.85	6.04
05	4.40	8.8	7.0	3.0	1.4	2.45	4.40	5.88
06	4.97	10.3	8.1	3.6	1.7	2.86	3.71	6.20
07	4.62	10.6	7.9	3.4	1.2	2.80	4.41	6.17
08	4.32	9.4	6.7	2.9	1.2	2.95	3.86	5.28
09	3.70	6.8	4.7	2.3	1.1	1.41	2.98	5.04
10	3.46	6.2	4.7	2.2	1.1	1.83	2.87	4.42
11	4.71	7.2	5.6	3.2	1.5	3.03	4.34	6.09
12	5.25	10.0	7.6	3.7	1.6	3.72	4.51	6.74
Summary	57.10	106.5	81.3	38.9	18.2	35.98	51.52	73.18

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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	0.40	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	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
03	1.20	0.1	0.1	0.1	0.1	0.1	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	0.00	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	1.7	0.4	0.2	0.1	0.1	0.1	0.2	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	180.0	220.8	443.0	632.1	902.1	1085.9	1221.3	1190.3	995.8	688.8	363.1	217.2
45	101.7	129.1	304.9	484.3	747.1	935.9	1066.3	1035.3	845.8	535.5	238.3	126.2
50	51.0	66.2	189.2	343.0	592.3	785.9	911.3	880.3	695.9	387.8	140.0	65.1
55	20.6	28.3	102.1	215.9	439.4	635.9	756.3	725.3	546.1	253.9	69.6	27.8
60	5.2	9.1	44.2	113.4	294.0	486.0	601.3	570.3	398.2	143.8	28.1	8.0
Growing Degree Units for Corn (Monthly)												
50/86	114.5	147.0	283.4	410.6	600.6	745.7	838.0	816.8	674.4	456.3	246.4	137.8

Growing Degree Units (Accumulated Monthly)												
40	180	401	844	1476	2378	3464	4685	5876	6871	7560	7923	8140
45	102	231	536	1020	1767	2703	3769	4805	5650	6186	6424	6550
50	51	117	306	649	1242	2028	2939	3819	4515	4903	5043	5108
55	21	49	151	367	806	1442	2198	2924	3470	3724	3793	3821
60	5	14	58	172	466	952	1553	2124	2522	2666	2694	2702
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	114	262	545	956	1556	2302	3140	3957	4631	5087	5334	5472

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