

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 147 ft. Lat: 32.4111° N Lon: 87.0144° W

Station: SELMA, AL US USC00017366

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	59.2	35.9	47.5	3.7	4.4	3.9	39.6	27.7	14.2	2.8	0.3	0.1	270.5	320.4	400.0	543.6	0.0	0.0	24.3	0.3	13.5	0.0
02	63.3	39.4	51.3	3.8	4.2	3.8	61.6	44.6	25.7	7.1	0.8	0.2	163.7	202.7	267.8	389.2	0.0	0.0	24.4	0.1	8.1	0.0
03	71.1	45.6	58.4	3.9	4.0	3.8	170.2	132.4	85.7	32.4	6.0	2.4	66.4	90.5	136.9	238.6	0.0	0.0	30.0	0.0	2.3	0.0
04	78.0	52.1	65.0	2.6	3.1	2.7	311.7	258.1	184.2	86.9	26.7	12.7	10.2	16.5	32.6	85.4	0.0	0.1	30.0	0.0	0.0	0.0
05	85.3	60.9	73.1	2.1	2.4	2.0	561.2	499.6	408.1	263.5	137.4	95.2	0.1	0.5	2.1	12.4	0.0	5.7	31.0	0.0	0.0	0.0
06	91.1	68.9	80.0	2.6	1.5	1.8	749.9	689.9	599.9	449.9	300.5	241.9	0.0	0.0	0.0	0.0	0.1	16.7	30.0	0.0	0.0	0.0
07	93.2	71.8	82.5	2.0	1.2	1.4	852.5	790.4	697.4	542.4	387.5	325.5	0.0	0.0	0.0	0.0	0.7	24.0	31.0	0.0	0.0	0.0
08	93.1	71.4	82.2	2.9	1.8	2.1	844.7	782.6	689.6	534.6	379.8	318.1	0.0	0.0	0.0	0.0	1.3	21.8	31.0	0.0	0.0	0.0
09	88.7	66.6	77.6	2.6	2.2	2.2	679.4	619.4	529.4	381.0	239.5	187.6	0.0	0.0	0.1	1.6	0.2	11.7	30.0	0.0	0.0	0.0
10	79.7	55.0	67.3	2.3	3.5	2.4	391.8	335.6	255.9	141.0	60.2	38.6	8.9	14.7	28.0	68.1	0.1	1.0	31.0	0.0	0.0	0.0
11	69.2	43.0	56.1	3.7	3.5	3.4	123.0	92.8	57.3	21.5	5.0	2.0	89.9	119.6	174.2	288.4	0.0	0.0	29.2	0.0	4.2	0.0
12	61.0	38.0	49.5	3.6	3.9	3.6	54.0	38.2	20.8	5.1	0.9	0.3	224.4	270.6	346.2	485.5	0.0	0.0	26.2	0.0	11.6	0.0
Summary	77.7	54.1	65.9	3.0	3.0	2.8	4840	4311	3568	2468	1545	1225	834	1036	1388	2113	2.4	81.0	348.1	0.4	39.7	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	5.08	8.9	6.9	3.6	1.7	3.37	4.62	6.31
02	5.35	8.7	6.5	3.9	1.9	3.45	4.88	6.12
03	5.35	8.3	6.8	3.4	1.9	4.07	4.51	5.70
04	4.56	6.8	5.4	3.0	1.4	2.68	4.21	5.62
05	4.10	6.9	5.3	2.7	1.3	1.71	3.93	5.82
06	4.32	9.1	6.6	3.1	1.3	2.21	3.47	5.37
07	5.11	9.8	7.5	3.3	1.3	3.10	4.73	6.24
08	4.92	8.6	6.8	3.0	1.6	3.05	4.70	6.31
09	3.80	5.7	4.5	1.9	1.2	1.66	3.14	4.85
10	2.66	4.8	3.7	1.6	0.8	1.11	2.38	3.73
11	4.07	6.4	5.0	2.8	1.3	2.83	3.66	5.46
12	5.21	8.6	6.7	3.7	1.9	3.46	4.54	6.79
Summary	54.53	92.6	71.7	36.0	17.6	32.70	48.77	68.32

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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	0.20	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	0.00	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	0.4	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	271.5	328.6	570.5	751.6	1026.1	1199.9	1317.4	1309.6	1129.4	848.0	484.8	311.1
45	163.6	212.8	421.7	601.8	871.1	1049.8	1162.4	1154.6	979.3	693.3	343.4	192.3
50	85.8	122.6	284.4	454.1	716.1	899.9	1007.4	999.6	829.4	539.5	219.6	109.1
55	39.6	61.6	170.2	311.7	561.2	749.9	852.5	844.7	679.4	391.8	123.0	54.0
60	14.2	25.7	85.7	184.2	408.1	599.9	697.4	689.6	529.4	255.9	57.3	20.8
Growing Degree Units for Corn (Monthly)												
50/86	164.8	201.4	356.0	484.0	686.6	815.7	893.3	886.6	769.1	556.6	311.6	187.6
Growing Degree Units (Accumulated Monthly)												
40	272	600	1171	1922	2948	4148	5466	6775	7905	8753	9237	9548
45	164	376	798	1400	2271	3321	4483	5638	6617	7310	7654	7846
50	86	208	493	947	1663	2563	3570	4570	5399	5939	6158	6268
55	40	101	271	583	1144	1894	2747	3591	4271	4663	4786	4840
60	14	40	126	310	718	1318	2015	2705	3234	3490	3547	3568
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	165	366	722	1206	1893	2708	3602	4488	5258	5814	6126	6313

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