

Summary of Monthly Normals
1991-2020

Generated on 04/24/2024

Current Location: Elev: 640 ft. Lat: 32.6592° N Lon: 85.4492° W
Station: **OPELIKA, AL US USC00016129**

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	55.6	33.0	44.3	3.7	4.6	3.9	19.7	11.7	4.7	0.5	0.0	0.0	351.2	405.2	491.3	642.2	0.0	0.0	23.2	0.4	16.6	0.0
02	59.5	36.1	47.8	4.2	4.1	3.8	30.4	19.7	9.1	1.5	0.1	0.0	231.9	277.2	350.7	483.1	0.0	0.0	23.3	0.1	11.4	0.0
03	67.0	42.1	54.6	4.1	4.0	3.8	103.5	75.5	42.1	9.9	1.1	0.2	117.5	151.5	211.1	333.8	0.0	0.0	29.8	0.0	6.7	0.0
04	74.1	48.5	61.3	2.3	3.0	2.5	217.0	170.8	111.0	40.6	7.7	2.8	27.9	41.7	71.9	151.6	0.0	0.0	29.9	0.0	1.4	0.0
05	81.1	57.7	69.4	2.0	2.9	2.2	448.1	388.1	300.8	168.5	64.5	34.9	1.7	3.7	9.5	32.1	0.0	2.1	31.0	0.0	0.0	0.0
06	86.8	65.4	76.1	2.7	2.0	2.0	632.9	572.9	482.9	333.5	189.0	135.7	0.0	0.0	0.0	0.5	0.0	10.3	30.0	0.0	0.0	0.0
07	89.5	69.1	79.3	2.4	1.4	1.6	753.2	691.2	598.2	443.3	288.6	227.2	0.0	0.0	0.0	0.0	0.1	17.8	31.0	0.0	0.0	0.0
08	88.5	68.6	78.6	2.4	1.7	1.9	729.9	668.0	575.0	420.1	265.7	205.4	0.0	0.0	0.0	0.0	0.3	14.6	31.0	0.0	0.0	0.0
09	84.2	62.9	73.5	2.7	2.4	2.0	556.4	496.6	407.4	263.3	137.0	94.7	0.1	0.3	1.0	6.9	0.0	5.6	30.0	0.0	0.0	0.0
10	75.1	50.6	62.9	2.3	3.6	2.4	266.1	215.9	149.4	65.1	18.9	9.9	22.6	34.5	61.0	131.7	0.0	0.3	31.0	0.0	1.1	0.0
11	65.8	40.2	53.0	3.3	3.7	3.2	73.7	52.3	28.6	7.2	1.0	0.2	133.6	172.2	238.5	367.2	0.0	0.0	29.0	0.0	8.2	0.0
12	57.8	35.4	46.6	3.5	4.3	3.7	29.6	18.6	7.6	1.5	0.3	0.0	289.9	340.9	422.9	571.9	0.0	0.0	25.2	0.1	14.5	0.0
Summary	73.7	50.8	62.3	3.0	3.1	2.8	3860	3381	2717	1755	974	711	1176	1427	1858	2721	0.4	50.7	344.4	0.6	59.9	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	5.05	9.7	7.1	3.7	1.7	3.82	4.90	5.72	
02	5.33	9.0	6.7	3.8	1.9	4.00	5.05	5.84	
03	5.50	8.4	6.5	3.3	1.8	3.62	4.69	6.17	
04	4.79	7.8	6.4	3.0	1.4	2.95	4.44	5.96	
05	4.01	7.1	5.5	2.8	1.2	2.34	3.29	5.76	
06	4.50	9.5	7.2	2.8	1.3	2.68	3.61	5.40	
07	4.77	10.3	7.7	3.6	1.5	3.23	4.66	5.75	
08	4.36	8.9	6.4	2.8	1.1	2.90	3.93	5.95	
09	3.34	6.5	4.9	2.3	0.9	1.89	2.80	4.56	
10	3.61	6.0	4.0	2.1	0.9	1.12	3.31	5.25	
11	4.27	6.8	5.4	2.8	1.3	2.21	3.45	5.54	
12	5.67	9.7	7.3	4.0	1.9	3.59	4.36	6.39	
Summary	55.20	99.7	75.1	37.0	16.9	34.35	48.49	68.29	

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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	0.1	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	0.0	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	0.0	0.1	0.0	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	196.8	242.1	456.6	639.3	911.4	1082.9	1218.2	1195.0	1006.3	708.6	394.7	237.8
45	110.6	142.6	317.0	490.9	756.3	932.9	1063.2	1039.9	856.3	554.9	260.7	137.6
50	53.4	73.2	195.7	347.3	601.5	782.9	908.2	885.0	706.3	405.4	150.8	70.7
55	19.7	30.4	103.5	217.0	448.1	632.9	753.2	729.9	556.4	266.1	73.7	29.6
60	4.7	9.1	42.1	111.0	300.8	482.9	598.2	575.0	407.4	149.4	28.6	7.6
Growing Degree Units for Corn (Monthly)												
50/86	121.5	152.3	286.5	405.4	607.1	746.8	846.9	833.8	686.6	458.1	257.0	145.6

Growing Degree Units (Accumulated Monthly)												
40	197	439	896	1535	2446	3529	4747	5942	6949	7657	8052	8290
45	111	253	570	1061	1817	2750	3814	4853	5710	6265	6525	6663
50	53	127	322	670	1271	2054	2962	3847	4554	4959	5110	5180
55	20	50	154	371	819	1452	2205	2935	3491	3757	3831	3860
60	5	14	56	167	468	951	1549	2124	2531	2681	2709	2717
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	122	274	560	966	1573	2320	3166	4000	4687	5145	5402	5548

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