

Summary of Monthly Normals
1991-2020

Generated on 04/23/2024

Current Location: Elev: 25 ft. Lat: 27.2178° N Lon: 81.8742° W
Station: **ARCADIA, FL US USC00080228**

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	73.5	47.1	60.3	2.5	4.7	3.3	212.1	168.7	111.4	42.7	8.1	2.6	47.6	66.1	101.9	188.1	0.0	0.0	30.9	0.0	2.8	0.0
02	76.1	50.1	63.1	3.9	4.2	3.9	248.6	204.5	144.1	63.9	16.6	7.0	21.8	33.8	57.3	117.2	0.0	0.0	28.0	0.0	1.1	0.0
03	80.0	53.1	66.5	3.0	3.8	3.3	365.8	309.3	229.7	115.4	34.7	16.0	7.7	13.2	26.6	67.3	0.0	0.3	31.0	0.0	0.3	0.0
04	84.2	58.0	71.1	2.4	3.0	2.4	483.6	424.2	336.8	199.6	85.0	52.2	0.5	1.1	3.7	16.6	0.0	3.7	30.0	0.0	0.0	0.0
05	89.1	63.8	76.4	1.7	2.0	1.6	664.9	603.0	510.7	357.4	210.7	155.8	0.0	0.2	0.8	2.5	0.0	15.7	31.0	0.0	0.0	0.0
06	90.7	69.4	80.0	1.9	1.5	1.3	751.4	691.4	601.4	451.5	301.6	241.8	0.0	0.0	0.0	0.0	0.0	20.3	30.0	0.0	0.0	0.0
07	91.4	71.2	81.3	1.0	1.1	0.8	815.3	753.3	660.3	505.3	350.3	288.3	0.0	0.0	0.0	0.0	0.0	23.9	31.0	0.0	0.0	0.0
08	91.6	71.6	81.6	1.0	1.4	0.9	824.5	762.5	669.6	514.6	359.6	297.6	0.0	0.0	0.0	0.0	0.0	24.4	31.0	0.0	0.0	0.0
09	89.9	70.4	80.1	1.0	1.2	0.8	754.4	694.4	604.4	454.4	304.5	244.7	0.0	0.0	0.0	0.0	0.0	19.7	30.0	0.0	0.0	0.0
10	85.6	64.0	74.8	1.5	2.9	2.0	614.0	552.4	460.6	310.7	169.6	119.8	0.3	0.7	1.9	6.9	0.0	6.1	31.0	0.0	0.0	0.0
11	79.5	55.7	67.6	2.3	3.9	2.9	382.6	326.5	246.0	127.8	44.0	23.3	4.4	8.3	17.9	49.7	0.0	0.2	30.0	0.0	0.0	0.0
12	75.4	50.8	63.1	3.1	5.0	4.0	280.6	231.8	164.5	74.0	17.8	7.4	29.5	42.7	68.4	132.9	0.0	0.0	31.0	0.0	0.6	0.0
Summary	83.9	60.4	72.2	2.1	2.9	2.3	6398	5722	4740	3217	1902	1457	112	166	278	581	0.0	114.3	364.9	0.0	4.8	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	2.31	5.3	3.4	1.5	0.8	1.04	2.06	3.02
02	2.00	4.8	3.2	1.5	0.7	0.94	1.92	2.95
03	2.44	4.9	3.7	1.7	0.7	1.19	1.71	3.00
04	2.72	5.1	3.6	1.6	0.9	1.26	2.56	3.70
05	3.78	6.4	4.9	2.9	1.4	2.23	3.24	4.75
06	9.55	14.1	10.5	5.8	3.4	5.45	8.78	12.81
07	8.19	15.2	11.1	5.7	2.8	5.72	7.57	9.87
08	8.93	15.9	12.0	5.9	2.9	6.47	8.48	10.86
09	7.77	12.6	9.3	4.6	2.5	5.02	6.86	10.79
10	2.58	6.3	4.3	1.7	0.7	1.36	2.17	3.26
11	1.83	4.4	2.5	1.1	0.6	0.29	1.03	3.10
12	1.82	5.1	2.8	1.2	0.6	0.46	1.36	2.72
Summary	53.92	100.1	71.3	35.2	18.0	31.43	47.74	70.83

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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	0.0	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	0.0	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	630.7	646.7	823.1	933.0	1129.9	1201.5	1280.3	1289.6	1204.5	1078.8	828.0	716.5
45	480.2	507.6	668.1	783.0	974.9	1051.5	1125.3	1134.6	1054.5	923.8	678.1	563.9
50	337.8	372.7	514.2	633.1	819.9	901.4	970.3	979.6	904.4	768.7	528.5	416.1
55	212.1	248.6	365.8	483.6	664.9	751.4	815.3	824.5	754.4	614.0	382.6	280.6
60	111.4	144.1	229.7	336.8	510.7	601.4	660.3	669.6	604.4	460.6	246.0	164.5
Growing Degree Units for Corn (Monthly)												
50/86	408.6	418.9	545.7	625.2	762.7	826.7	884.2	891.2	841.1	749.7	548.4	466.2

Growing Degree Units (Accumulated Monthly)												
40	631	1277	2100	3034	4163	5365	6645	7935	9139	10218	11046	11763
45	480	988	1656	2439	3414	4465	5591	6725	7780	8704	9382	9946
50	338	710	1225	1858	2678	3579	4549	5529	6433	7202	7731	8147
55	212	461	826	1310	1975	2726	3542	4366	5121	5735	6117	6398
60	111	256	485	822	1333	1934	2594	3264	3868	4329	4575	4740
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	409	828	1373	1998	2761	3588	4472	5363	6204	6954	7502	7969

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