

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 5 ft. Lat: 30.2492° N Lon: 85.6606° W
Station: PANAMA CITY 5N, FL US USC00086842

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	64.4	42.6	53.5	3.3	4.6	3.9	94.5	70.3	41.8	12.8	1.7	0.5	140.7	178.6	243.1	369.2	0.0	0.0	28.7	0.0	7.5	0.0
02	67.4	46.0	56.7	4.5	4.4	4.2	119.4	89.2	52.8	15.8	2.4	0.8	71.7	97.6	145.1	248.2	0.0	0.0	26.9	0.0	3.0	0.0
03	72.9	51.5	62.2	3.4	4.3	3.6	248.7	200.0	136.0	55.3	12.2	4.6	25.5	38.8	67.8	142.1	0.0	0.0	30.8	0.0	0.8	0.0
04	78.7	57.8	68.2	2.1	3.2	2.6	399.4	341.5	258.0	135.1	47.4	25.9	1.8	3.9	10.4	37.5	0.0	0.0	30.0	0.0	0.0	0.0
05	85.3	65.6	75.5	2.0	2.4	1.9	633.9	572.0	479.3	326.9	183.9	133.5	0.0	0.1	0.4	3.0	0.0	3.3	31.0	0.0	0.0	0.0
06	89.3	72.9	81.1	1.5	1.4	1.2	782.8	722.9	632.9	482.9	333.0	273.3	0.0	0.0	0.0	0.0	0.1	11.7	30.0	0.0	0.0	0.0
07	91.1	75.0	83.0	1.6	0.9	1.1	869.5	807.5	714.5	559.5	404.5	342.6	0.0	0.0	0.0	0.0	0.1	18.0	31.0	0.0	0.0	0.0
08	90.9	74.7	82.8	2.1	1.2	1.4	861.7	799.7	706.8	551.8	396.8	334.8	0.0	0.0	0.0	0.0	0.1	19.0	31.0	0.0	0.0	0.0
09	89.0	71.1	80.1	1.9	1.6	1.6	751.2	691.3	601.4	451.4	303.6	245.8	0.0	0.0	0.0	0.1	0.0	13.0	30.0	0.0	0.0	0.0
10	82.2	61.2	71.7	1.7	2.8	2.1	519.5	459.3	371.4	234.9	118.6	81.4	1.9	3.6	8.7	27.2	0.0	2.3	31.0	0.0	0.0	0.0
11	73.3	50.1	61.7	3.0	3.5	3.1	232.6	187.8	128.7	55.3	17.4	9.5	31.4	46.6	77.5	154.2	0.0	0.0	29.9	0.0	1.0	0.0
12	66.5	45.1	55.8	3.1	4.1	3.5	129.7	99.6	62.5	20.9	3.3	1.3	104.8	136.7	192.6	306.1	0.0	0.0	29.2	0.0	4.1	0.0
Summary	79.2	59.5	69.4	2.5	2.9	2.5	5643	5041	4186	2903	1825	1454	378	506	746	1288	0.3	67.3	359.5	0.0	16.4	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	4.79	8.7	6.5	2.9	1.4	2.40	4.22	6.02	
02	4.95	7.6	5.9	3.2	1.8	3.10	4.19	5.85	
03	5.03	6.9	5.6	3.0	1.7	3.04	4.78	7.61	
04	4.09	6.0	4.6	2.4	1.4	1.65	3.36	5.14	
05	3.31	5.4	4.2	2.1	1.0	1.63	2.37	4.73	
06	5.82	10.8	8.6	3.7	1.9	4.49	5.31	7.42	
07	7.41	12.4	9.4	4.8	2.7	4.94	6.21	9.45	
08	7.44	13.6	10.5	5.5	2.5	4.62	7.23	9.28	
09	6.98	9.6	7.4	3.6	1.8	4.74	6.18	7.54	
10	3.45	5.6	4.1	2.3	1.1	2.07	3.19	4.54	
11	3.70	5.7	4.2	2.3	1.3	2.35	3.41	4.56	
12	4.30	7.9	6.1	2.8	1.2	2.97	3.60	5.65	
Summary	61.27	100.2	77.1	38.6	19.8	38.00	54.05	77.79	

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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	0.00	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	426.5	469.4	688.5	847.5	1098.9	1233.0	1334.5	1326.8	1201.5	982.7	651.1	493.8
45	290.5	335.9	534.8	697.6	943.9	1082.9	1179.5	1171.8	1051.4	827.8	502.6	351.4
50	177.4	215.1	384.8	547.6	788.9	932.9	1024.5	1016.7	901.3	673.1	359.9	227.0
55	94.5	119.4	248.7	399.4	633.9	782.8	869.5	861.7	751.2	519.5	232.6	129.7
60	41.8	52.8	136.0	258.0	479.3	632.9	714.5	706.8	601.4	371.4	128.7	62.5
Growing Degree Units for Corn (Monthly)												
50/86	255.9	277.5	427.3	557.2	768.0	876.9	942.2	936.5	843.5	669.5	409.1	297.0

Growing Degree Units (Accumulated Monthly)												
40	426	896	1584	2432	3531	4764	6098	7425	8627	9609	10260	10754
45	290	626	1161	1859	2803	3886	5065	6237	7288	8116	8619	8970
50	177	392	777	1325	2114	3047	4071	5088	5989	6662	7022	7249
55	94	214	463	862	1496	2279	3148	4010	4761	5281	5513	5643
60	42	95	231	489	968	1601	2315	3022	3624	3995	4124	4186
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	256	533	961	1518	2286	3163	4105	5042	5885	6554	6964	7261

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

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