U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 19 ft. Lat: 27.9619° N Lon: 82.5403° W

Station: **TAMPA INTL AP, FL US USW00012842**

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	71.3	52.8	62.0	3.1	3.8	3.4	248.3	200.9	139.1	60.9	17.0	7.9	29.6	44.2	75.4	152.1	0.0	0.0	30.7	0.0	0.5	0.0
02	74.0	55.5	64.7	3.6	3.9	3.7	284.3	235.7	169.7	81.1	25.9	12.8	11.3	18.8	36.7	88.1	0.0	0.0	27.9	0.0	0.1	0.0
03	77.8	59.3	68.6	3.6	3.5	3.5	423.3	364.3	279.3	154.3	61.2	34.3	3.2	6.2	14.2	44.2	0.0	0.0	31.0	0.0	0.0	0.0
04	83.0	64.8	73.9	2.3	2.9	2.5	567.1	507.2	417.8	273.7	142.8	97.6	0.1	0.2	0.8	6.7	0.0	1.0	30.0	0.0	0.0	0.0
05	88.3	70.6	79.5	1.5	2.0	1.7	757.9	695.9	602.9	448.2	294.5	234.0	0.0	0.0	0.0	0.3	0.0	9.6	31.0	0.0	0.0	0.0
06	90.5	75.4	82.9	1.5	1.2	1.2	838.5	778.4	688.4	538.4	388.5	328.5	0.0	0.0	0.0	0.0	0.0	18.2	30.0	0.0	0.0	0.0
07	91.0	76.6	83.8	1.1	0.9	0.9	892.8	830.8	737.8	582.8	427.8	365.8	0.0	0.0	0.0	0.0	0.0	20.6	31.0	0.0	0.0	0.0
08	91.2	76.8	84.0	1.0	1.1	0.9	899.0	837.0	744.0	589.0	434.0	372.0	0.0	0.0	0.0	0.0	0.0	22.4	31.0	0.0	0.0	0.0
09	90.2	75.3	82.7	1.4	1.1	1.1	832.4	772.4	682.4	532.4	382.5	322.6	0.0	0.0	0.0	0.0	0.0	17.9	30.0	0.0	0.0	0.0
10	85.6	69.2	77.4	1.6	2.4	1.9	694.5	632.5	540.0	387.8	241.1	186.1	0.1	0.2	0.7	3.4	0.0	4.4	31.0	0.0	0.0	0.0
11	78.9	60.7	69.8	2.4	3.1	2.7	445.8	388.0	304.6	177.8	76.6	47.9	1.7	3.9	10.5	33.7	0.0	0.1	30.0	0.0	0.0	0.0
12	73.9	55.9	64.9	3.8	4.7	4.2	322.4	270.1	198.5	101.7	35.4	18.5	15.4	25.1	46.6	104.8	0.0	0.0	30.8	0.0	0.1	0.0
Summary	83.0	66.1	74.5	2.2	2.6	2.3	7206	6513	5504	3928	2527	2028	61	99	185	433	0.0	94.2	364.4	0.0	0.7	0.0

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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	2.65	7.1	4.4	2.0	0.8	1.08	2.46	3.66
02	2.62	6.6	3.6	1.5	0.8	0.99	2.01	2.91
03	2.52	5.9	3.4	1.6	0.7	0.93	1.52	3.95
04	2.55	5.7	3.4	1.7	0.8	1.29	2.17	3.27
05	2.60	6.2	3.9	1.8	0.8	0.83	1.69	3.36
06	7.37	13.3	9.5	4.2	2.3	4.64	6.92	9.33
07	7.75	16.6	11.2	4.6	2.3	6.02	7.96	10.18
08	9.03	16.2	11.2	5.8	2.9	6.61	8.60	10.73
09	6.09	12.8	8.2	3.8	1.9	4.05	5.53	8.03
10	2.34	7.2	4.4	1.6	0.6	1.24	2.16	3.16
11	1.40	4.6	2.3	0.7	0.4	0.44	0.93	1.97
12	2.56	6.0	3.6	1.4	0.7	0.90	1.29	2.18
Summary	49.48	108.2	69.1	30.7	15.0	29.02	43.24	62.73

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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	684.1	693.0	885.1	1017.0	1222.9	1288.5	1357.8	1364.0	1282.5	1159.4	894.0	772.0
45	531.1	553.4	730.1	867.0	1067.9	1138.5	1202.8	1209.0	1132.5	1004.4	744.0	617.8
50	383.5	415.6	575.5	717.0	912.9	988.5	1047.8	1054.0	982.5	849.4	594.1	466.4
55	248.3	284.3	423.3	567.1	757.9	838.5	892.8	899.0	832.4	694.5	445.8	322.4
60	139.1	169.7	279.3	417.8	602.9	688.4	737.8	744.0	682.4	540.0	304.6	198.5
Growing Degree Units for Corn (Monthly)												
50/86	414.6	432.6	582.4	707.1	866.3	918.6	968.8	971.8	914.8	825.6	598.4	486.8

Growing Degree Units (Accumulated Monthly)

40	684	1377	2262	3279	4502	5791	7148	8512	9795	10954	11848	12620
45	531	1084	1815	2682	3750	4888	6091	7300	8432	9437	10181	10798
50	384	799	1375	2092	3004	3993	5041	6095	7077	7927	8521	8987
55	248	533	956	1523	2281	3119	4012	4911	5744	6438	6884	7206
60	139	309	588	1006	1609	2297	3035	3779	4461	5001	5306	5504
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	415	847	1430	2137	3003	3922	4890	5862	6777	7603	8201	8688

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

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