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

Summary of Monthly Normals
1991-2020

Generated on 11/05/2026

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

Current Location: Elev: 1200 ft. Lat: 41.4792° N Lon: 79.4433° W

Station: **TIONESTA 2 SE LAKE, PA US USC00368873**

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	35.0	19.0	27.0	4.4	5.6	4.9	0.3	0.1	0.0	0.0	0.0	0.0	868.1	929.9	1022.8	1177.8	0.0	0.0	3.0	14.2	27.7	3.2
02	37.7	18.8	28.3	4.9	6.0	5.3	0.3	0.1	0.0	0.0	0.0	0.0	749.1	805.0	888.8	1028.8	0.0	0.0	4.3	10.2	26.0	2.6
03	46.9	25.8	36.3	5.3	4.1	4.5	6.8	4.5	2.3	0.6	0.1	0.0	584.9	644.6	735.3	888.7	0.0	0.0	11.1	4.1	24.8	0.9
04	60.6	35.8	48.2	3.3	2.1	2.5	37.2	24.8	12.4	2.5	0.3	0.1	241.3	288.8	366.5	506.6	0.0	0.0	23.9	0.1	14.0	0.0
05	71.6	46.6	59.1	4.3	4.2	4.1	186.8	148.5	101.4	45.0	14.2	7.7	59.8	83.5	129.4	227.9	0.0	0.5	30.4	0.0	2.9	0.0
06	79.2	56.5	67.9	2.2	1.8	1.8	388.9	331.8	250.6	133.1	50.7	30.4	3.5	6.4	15.3	47.7	0.0	1.8	30.0	0.0	0.0	0.0
07	83.1	60.7	71.9	2.7	2.3	2.3	523.8	461.8	369.3	222.1	102.7	67.1	0.0	0.0	0.5	8.3	0.1	3.6	31.0	0.0	0.0	0.0
08	81.6	59.6	70.6	2.6	2.1	2.3	483.6	421.7	329.6	187.1	76.7	46.1	0.1	0.2	1.1	13.6	0.0	2.2	31.0	0.0	0.0	0.0
09	74.9	52.9	63.9	2.6	2.6	2.2	279.6	227.0	156.5	69.7	23.3	13.4	12.7	20.1	39.7	102.8	0.0	0.8	30.0	0.0	0.2	0.0
10	63.2	41.8	52.5	2.8	2.8	2.5	73.8	53.0	29.5	9.2	1.9	0.8	151.3	192.5	262.0	396.7	0.0	0.0	27.6	0.0	5.3	0.0
11	50.2	32.4	41.3	5.1	2.3	3.4	5.6	2.7	1.0	0.0	0.0	0.0	416.6	473.7	561.9	711.0	0.0	0.0	14.9	1.5	17.9	0.0
12	39.2	25.0	32.1	4.8	3.7	4.1	0.7	0.4	0.1	0.0	0.0	0.0	710.5	772.2	864.9	1019.8	0.0	0.0	4.6	8.7	26.4	0.7
Summary	60.3	39.6	49.9	3.8	3.3	3.3	1987	1676	1253	669	270	166	3798	4217	4888	6130	0.1	8.9	241.8	38.8	145.2	7.4

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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	3.32	19.0	8.8	1.8	0.4	2.38	3.07	3.74
02	2.56	15.3	7.1	1.1	0.3	1.80	2.39	2.98
03	3.48	14.1	8.2	2.3	0.5	2.26	3.39	4.18
04	4.13	15.2	9.5	2.6	0.6	3.21	4.04	4.68
05	4.36	15.4	9.3	3.0	0.8	2.95	4.32	5.59
06	5.14	14.3	9.2	3.7	1.4	4.04	5.00	5.96
07	4.94	13.3	8.7	3.8	1.2	2.76	4.50	6.16
08	4.18	11.6	7.6	2.7	1.0	2.86	4.01	5.40
09	4.03	11.9	7.4	2.7	1.0	2.59	3.56	5.66
10	3.74	15.0	8.4	2.5	0.7	2.78	3.52	4.64
11	3.47	15.6	7.9	2.0	0.6	2.61	3.31	4.36
12	3.71	17.5	8.0	1.9	0.4	2.75	3.53	4.34
Summary	47.06	178.2	100.1	30.1	8.9	32.99	44.64	57.69

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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	14.50	10.1	6.3	1.6	0.4	0.0	22.1	14.8	9.9	3.1	9.80	13.60	20.00
02	10.40	7.7	5.0	1.1	0.2	0.0	19.3	14.0	10.6	3.8	6.00	10.00	12.30
03	7.80	4.1	2.8	0.9	0.3	0.0	10.9	7.6	4.9	1.2	1.00	9.00	12.30
04	1.00	1.1	0.6	0.1	0.0	0.0	0.8	0.2	0.0	0.0	0.00	0.50	2.00
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	0.20	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	3.60	2.4	1.7	0.4	0.0	0.0	3.5	1.3	0.4	0.0	0.00	3.50	5.60
12	13.30	7.1	4.7	1.3	0.3	0.1	13.1	7.5	3.2	0.8	7.30	11.80	19.30
Summary	50.8	32.6	21.1	5.4	1.2	0.1	69.8	45.4	29.0	8.9	24.1	48.4	71.5

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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	18.1	16.5	85.1	275.0	592.7	835.4	988.8	948.5	716.9	392.5	126.4	31.2
45	6.7	5.1	43.2	166.9	442.2	685.4	833.8	793.5	567.2	255.9	59.0	11.8
50	2.3	1.2	19.2	87.1	303.5	535.9	678.8	638.5	420.1	147.2	21.6	3.1
55	0.3	0.3	6.8	37.2	186.8	388.9	523.8	483.6	279.6	73.8	5.6	0.7
60	0.0	0.0	2.3	12.4	101.4	250.6	369.3	329.6	156.5	29.5	1.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	9.9	12.8	61.2	180.2	368.2	540.1	662.6	628.2	442.4	226.3	72.4	15.8

Growing Degree Units (Accumulated Monthly)

40	18	35	120	395	987	1823	2812	3760	4477	4870	4996	5027
45	7	12	55	222	664	1350	2183	2977	3544	3800	3859	3871
50	2	4	23	110	413	949	1628	2266	2687	2834	2855	2858
55	0	1	7	45	231	620	1144	1628	1907	1981	1987	1987
60	0	0	2	15	116	367	736	1066	1222	1252	1253	1253
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	23	84	264	632	1172	1835	2463	2906	3132	3204	3220

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

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