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

Summary of Monthly Normals
1991-2020

Generated on 11/11/2026

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

Current Location: Elev: 60 ft. Lat: 39.9586° N Lon: 75.1728° W

Station: **PHILA FRANKLIN INST, PA US USC00366886**

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	41.6	27.8	34.7	4.4	4.2	4.2	2.1	1.2	0.5	0.0	0.0	0.0	631.1	692.2	784.6	939.0	0.0	0.0	6.7	6.5	19.6	0.0
02	44.9	29.6	37.2	4.8	4.3	4.4	2.6	1.4	0.4	0.0	0.0	0.0	499.5	554.3	637.3	776.9	0.0	0.0	8.5	2.9	16.1	0.0
03	53.5	36.4	44.9	4.1	3.4	3.6	24.5	16.8	8.8	2.5	0.4	0.2	335.9	390.2	475.3	623.9	0.0	0.0	19.0	0.6	9.0	0.0
04	65.9	46.3	56.1	2.5	2.4	2.4	126.6	97.2	62.1	26.1	9.5	5.8	93.7	124.3	179.2	293.1	0.0	0.5	27.9	0.0	0.9	0.0
05	75.7	56.3	66.0	3.3	2.6	2.8	346.3	290.9	214.7	112.4	48.5	32.1	5.3	11.9	28.6	81.4	0.0	2.3	31.0	0.0	0.0	0.0
06	84.9	65.9	75.4	2.1	1.5	1.7	611.9	552.2	463.0	319.1	188.2	142.9	0.1	0.3	1.1	7.2	0.2	8.2	30.0	0.0	0.0	0.0
07	89.3	71.4	80.4	2.7	2.2	2.4	785.6	723.6	630.7	475.7	322.0	262.3	0.0	0.0	0.0	0.0	1.0	15.4	31.0	0.0	0.0	0.0
08	87.2	69.5	78.3	2.5	1.9	2.1	723.7	661.7	568.8	414.4	263.6	206.8	0.0	0.0	0.0	0.6	0.6	10.8	31.0	0.0	0.0	0.0
09	80.3	62.7	71.5	2.8	2.1	2.3	495.6	436.4	349.5	215.7	108.3	75.3	0.7	1.6	4.6	20.8	0.0	2.6	30.0	0.0	0.0	0.0
10	68.1	51.1	59.6	2.6	2.4	2.3	184.6	143.8	92.8	36.1	10.7	5.5	42.0	63.1	105.2	203.5	0.0	0.0	30.4	0.0	0.1	0.0
11	56.4	41.3	48.9	3.9	2.9	3.3	34.0	21.2	9.4	1.3	0.0	0.0	218.5	265.7	343.8	485.7	0.0	0.0	22.3	0.1	3.4	0.0
12	46.5	33.2	39.9	4.3	3.6	3.8	5.9	3.4	1.1	0.0	0.0	0.0	475.4	535.0	625.7	779.6	0.0	0.0	11.1	2.2	13.2	0.0
Summary	66.2	49.3	57.7	3.3	2.8	2.9	3343	2950	2402	1603	951	731	2302	2639	3185	4212	1.8	39.8	278.9	12.3	62.3	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	3.61	10.6	7.0	2.6	0.8	2.96	3.31	4.15
02	3.34	9.3	6.3	2.5	0.8	1.88	2.97	4.64
03	4.54	10.0	7.0	3.2	1.4	3.54	4.58	5.06
04	4.00	12.2	7.2	3.1	1.1	2.65	3.78	4.34
05	4.06	12.4	8.1	3.0	1.0	2.58	4.05	5.27
06	4.77	10.6	7.6	3.3	1.3	3.25	3.91	5.32
07	4.75	9.8	6.9	3.2	1.5	3.27	4.58	5.79
08	4.95	9.5	6.7	3.6	1.7	2.69	4.52	6.44
09	4.88	8.5	6.1	2.8	1.3	2.27	3.87	6.07
10	4.15	9.1	6.0	2.6	1.2	2.34	3.94	5.44
11	3.37	8.8	6.0	2.2	0.8	2.01	2.95	4.34
12	4.27	10.8	7.2	3.2	1.3	3.16	4.18	5.01
Summary	50.69	121.6	82.1	35.3	14.2	32.60	46.64	61.87

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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	6.40	2.7	1.5	0.5	0.2	0.1	4.3	2.1	1.2	0.6	1.10	2.40	4.30
02	4.00	2.3	1.4	0.7	0.5	0.0	5.5	3.2	2.0	0.4	0.40	3.50	5.00
03	2.00	1.4	0.7	0.4	0.1	0.0	2.1	0.8	0.1	0.0	0.00	1.40	3.30
04	0.10	0.0	0.0	0.0	0.0	0.0	0.1	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	0.10	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	3.50	1.6	0.8	0.4	0.1	0.0	2.7	1.1	0.6	0.1	0.00	0.80	6.90
Summary	16.1	8.0	4.4	2.0	0.9	0.1	14.8	7.2	3.9	1.1	1.5	8.1	19.5

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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	55.4	69.1	204.8	484.8	806.0	1061.9	1250.7	1188.8	944.9	607.7	283.9	105.0
45	21.2	28.9	111.6	344.2	651.0	911.9	1095.7	1033.8	794.9	454.6	168.5	45.0
50	6.5	9.9	56.1	221.6	496.3	761.9	940.7	878.8	644.9	309.7	84.7	17.3
55	2.1	2.6	24.5	126.6	346.3	611.9	785.6	723.7	495.6	184.6	34.0	5.9
60	0.5	0.4	8.8	62.1	214.7	463.0	630.7	568.8	349.5	92.8	9.4	1.1
Growing Degree Units for Corn (Monthly)												
50/86	22.7	32.3	101.5	267.1	496.1	725.2	871.3	832.2	632.1	337.9	126.9	39.5

Growing Degree Units (Accumulated Monthly)

40	55	124	329	814	1620	2682	3933	5122	6066	6674	6958	7063
45	21	50	162	506	1157	2069	3164	4198	4993	5448	5616	5661
50	6	16	72	294	790	1552	2493	3372	4017	4326	4411	4428
55	2	5	29	156	502	1114	1900	2623	3119	3304	3338	3343
60	0	1	10	72	286	750	1380	1949	2298	2391	2401	2402
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	23	55	156	424	920	1645	2516	3348	3980	4318	4445	4485

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

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