

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 85 ft. Lat: 40.1211° N Lon: 75.4942° W
Station: PHOENIXVILLE 1 E, PA US USC00366927

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	41.0	22.8	31.9	4.5	4.2	4.2	0.5	0.3	0.1	0.0	0.0	0.0	716.5	778.3	871.0	1026.0	0.0	0.0	6.2	6.1	26.2	0.3
02	43.7	23.8	33.8	5.1	4.3	4.6	1.6	1.0	0.5	0.0	0.0	0.0	596.6	652.0	735.4	875.0	0.0	0.0	7.6	3.5	23.8	0.1
03	52.6	31.2	41.9	4.7	3.3	3.9	11.0	6.8	2.9	0.4	0.0	0.0	417.0	474.9	564.0	716.5	0.0	0.0	17.0	0.7	19.0	0.0
04	65.1	41.0	53.1	2.9	2.5	2.5	78.8	57.8	34.3	12.4	3.4	1.7	137.3	176.3	242.8	370.9	0.0	0.3	27.5	0.0	5.5	0.0
05	75.1	51.0	63.0	3.8	3.7	3.6	266.0	216.8	152.5	74.1	29.5	18.4	16.4	29.3	58.0	134.5	0.0	1.9	31.0	0.0	0.3	0.0
06	83.3	60.9	72.1	2.1	2.1	1.8	513.3	453.8	365.9	227.9	115.3	80.2	0.3	0.9	3.0	14.9	0.0	5.2	30.0	0.0	0.0	0.0
07	87.7	66.1	76.9	2.8	2.6	2.5	678.9	616.9	523.9	369.1	219.9	166.6	0.0	0.0	0.0	0.2	0.3	11.1	31.0	0.0	0.0	0.0
08	86.0	64.3	75.2	2.7	2.6	2.4	624.6	562.6	469.7	316.6	175.0	126.1	0.0	0.0	0.1	1.9	0.0	7.7	31.0	0.0	0.0	0.0
09	79.0	56.3	67.6	2.9	2.7	2.5	383.9	327.5	247.1	133.6	55.2	34.5	4.4	8.1	17.7	54.1	0.0	2.4	30.0	0.0	0.0	0.0
10	67.3	44.2	55.7	2.6	3.3	2.6	111.6	82.7	48.9	16.8	4.5	2.4	88.3	121.4	180.6	303.6	0.0	0.1	30.5	0.0	2.7	0.0
11	55.7	34.4	45.1	4.0	3.3	3.3	15.6	9.3	3.3	0.2	0.0	0.0	314.1	367.8	451.8	598.7	0.0	0.0	21.1	0.1	15.2	0.0
12	45.4	27.3	36.4	4.3	3.9	4.0	3.1	1.8	0.6	0.0	0.0	0.0	581.2	641.9	733.6	888.1	0.0	0.0	9.7	2.9	24.2	0.0
Summary	65.2	43.6	54.4	3.5	3.2	3.2	2689	2337	1850	1151	603	430	2872	3251	3858	4984	0.3	28.7	272.6	13.3	116.9	0.4

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	3.15	9.3	6.2	2.7	0.7	2.38	3.17	3.86
02	2.87	8.7	6.0	1.8	0.6	1.59	2.39	3.50
03	3.67	9.8	7.0	2.7	1.1	3.34	3.69	4.21
04	3.52	10.3	6.4	2.3	0.9	2.39	3.08	4.11
05	3.30	9.8	6.4	2.1	0.8	2.47	3.27	3.97
06	3.85	9.3	6.7	2.7	1.2	2.03	3.00	4.80
07	4.57	9.8	7.2	3.0	1.3	3.84	4.70	5.55
08	4.37	8.4	5.9	2.7	1.5	2.25	3.66	5.69
09	4.43	7.5	5.7	2.8	1.3	2.07	4.12	6.10
10	3.91	8.1	5.8	2.7	1.1	2.06	3.57	5.32
11	3.41	7.7	5.3	2.2	1.0	2.48	3.13	4.44
12	4.08	10.2	7.3	3.3	0.8	2.90	3.93	5.05
Summary	45.13	108.9	75.9	31.0	12.3	29.80	41.71	56.60

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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	29.3	36.6	139.8	395.3	714.5	962.9	1143.8	1089.5	829.4	488.8	191.8	60.1
45	10.9	14.6	71.0	262.1	559.7	812.9	988.8	934.6	679.5	339.5	100.6	25.2
50	2.8	5.3	30.8	153.6	406.8	662.9	833.8	779.6	530.0	208.7	44.5	9.2
55	0.5	1.6	11.0	78.8	266.0	513.3	678.9	624.6	383.9	111.6	15.6	3.1
60	0.1	0.5	2.9	34.3	152.5	365.9	523.9	469.7	247.1	48.9	3.3	0.6
Growing Degree Units for Corn (Monthly)												
50/86	20.2	28.4	90.6	241.2	441.9	642.1	781.9	742.6	536.7	293.8	115.2	34.3
Growing Degree Units (Accumulated Monthly)												
40	29	66	206	601	1316	2278	3422	4512	5341	5830	6022	6082
45	11	26	96	359	918	1731	2720	3655	4334	4674	4774	4799
50	3	8	39	192	599	1262	2096	2876	3406	3614	3659	3668
55	0	2	13	92	358	871	1550	2175	2559	2670	2686	2689
60	0	1	4	38	190	556	1080	1550	1797	1846	1849	1850
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	20	49	139	380	822	1464	2246	2989	3526	3819	3935	3969

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