

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 400 ft. Lat: 39.8592° N Lon: 75.7861° W
Station: **AVONDALE 2 N, PA US USW00003761**

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	38.6	22.7	30.6	4.5	4.7	4.5	0.4	0.2	0.0	0.0	0.0	0.0	755.1	816.9	909.7	1064.7	0.0	0.0	5.4	9.6	26.4	0.9
02	41.2	24.0	32.6	5.1	4.4	4.6	1.7	1.0	0.3	0.0	0.0	0.0	628.8	684.0	767.4	907.1	0.0	0.0	5.9	6.0	23.1	0.4
03	49.8	31.0	40.4	4.1	3.2	3.6	8.9	5.1	1.8	0.1	0.0	0.0	461.4	519.7	609.4	762.7	0.0	0.0	15.2	1.4	17.4	0.1
04	61.5	40.2	50.8	2.5	2.6	2.4	57.4	40.9	22.7	7.3	1.5	0.6	181.9	225.4	297.2	431.8	0.0	0.0	26.1	0.0	4.8	0.0
05	71.2	50.2	60.7	3.1	3.4	3.1	206.6	161.6	104.0	38.8	8.3	3.8	29.9	46.9	82.3	172.1	0.0	0.3	30.9	0.0	0.3	0.0
06	79.5	59.0	69.2	2.0	1.4	1.5	428.3	369.0	282.4	151.3	56.6	32.7	0.8	1.6	5.0	23.9	0.0	1.3	30.0	0.0	0.0	0.0
07	83.6	63.7	73.6	2.3	2.4	2.2	578.1	516.0	423.0	269.5	131.6	86.6	0.0	0.0	0.0	1.5	0.1	4.4	31.0	0.0	0.0	0.0
08	81.5	61.9	71.7	2.0	2.6	2.1	517.7	455.7	362.9	213.6	90.1	54.7	0.0	0.0	0.2	5.9	0.0	1.3	31.0	0.0	0.0	0.0
09	75.3	55.2	65.2	2.6	2.4	2.1	312.2	257.9	183.4	86.7	28.2	15.6	4.8	10.6	26.0	79.3	0.0	0.8	30.0	0.0	0.0	0.0
10	63.9	43.8	53.9	2.7	2.7	2.4	85.7	61.0	34.8	10.3	1.5	0.4	121.3	158.5	225.4	355.9	0.0	0.1	29.4	0.0	2.3	0.0
11	53.3	34.3	43.8	3.8	3.0	3.2	9.3	4.7	1.2	0.2	0.0	0.0	345.3	400.7	487.2	636.2	0.0	0.0	19.4	0.4	12.9	0.0
12	43.2	27.6	35.4	4.5	3.5	3.9	1.5	0.5	0.0	0.0	0.0	0.0	609.1	670.1	762.5	917.6	0.0	0.0	8.4	3.6	22.0	0.0
Summary	61.9	42.8	52.3	3.3	3.0	3.0	2208	1874	1416	778	318	194	3138	3534	4172	5359	0.1	8.2	262.7	21.0	109.2	1.4

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	3.62	10.8	5.9	2.0	0.8	2.75	3.36	4.36
02	3.12	12.0	6.4	2.1	0.8	2.16	2.64	3.92
03	4.40	12.0	7.0	2.9	1.0	3.50	4.89	5.55
04	3.79	11.3	7.0	2.4	1.0	2.72	3.13	4.55
05	3.58	12.3	7.6	2.8	0.9	2.33	3.54	4.52
06	4.43	11.4	7.0	3.4	1.4	2.52	3.56	5.29
07	4.17	10.1	7.5	3.4	1.2	2.79	3.80	5.01
08	4.28	9.7	6.0	3.0	1.7	2.56	3.19	5.10
09	4.47	8.1	5.4	2.3	1.5	1.77	4.05	6.30
10	4.03	10.2	6.2	3.3	1.3	2.35	3.55	5.63
11	3.22	8.4	5.9	2.2	1.3	2.32	2.99	4.18
12	4.03	11.8	7.7	3.3	1.2	2.77	3.99	4.98
Summary	47.14	128.1	79.6	33.1	14.1	30.54	42.69	59.39

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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	28.4	37.2	122.4	335.6	641.7	877.4	1042.9	982.6	757.3	431.1	163.2	55.4
45	11.0	15.6	61.3	210.9	487.3	727.4	887.9	827.6	607.4	290.6	80.1	22.0
50	2.8	5.9	26.3	117.2	338.0	577.5	733.0	672.6	457.8	172.5	32.3	7.1
55	0.4	1.7	8.9	57.4	206.6	428.3	578.1	517.7	312.2	85.7	9.3	1.5
60	0.0	0.3	1.8	22.7	104.0	282.4	423.0	362.9	183.4	34.8	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	13.8	22.4	69.8	191.9	380.4	575.0	718.6	666.6	472.4	240.9	86.5	24.9
Growing Degree Units (Accumulated Monthly)												
40	28	66	188	524	1165	2043	3086	4068	4826	5257	5420	5475
45	11	27	88	299	786	1514	2401	3229	3836	4127	4207	4229
50	3	9	35	152	490	1068	1801	2473	2931	3104	3136	3143
55	0	2	11	68	275	703	1281	1799	2111	2197	2206	2208
60	0	0	2	25	129	411	834	1197	1380	1415	1416	1416
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	14	36	106	298	678	1253	1972	2638	3111	3352	3438	3463

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