

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 762 ft. Lat: 40.1636° N Lon: 79.8694° W

Station: **DONORA 1 SW, PA US USC00362190**

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	38.7	20.5	29.6	4.5	4.9	4.6	0.8	0.2	0.0	0.0	0.0	0.0	787.9	849.3	942.0	1097.2	0.0	0.0	6.4	9.6	25.5	1.2
02	42.1	21.8	31.9	5.4	4.6	4.9	1.2	0.6	0.2	0.0	0.0	0.0	646.5	701.9	785.4	925.3	0.0	0.0	8.0	5.8	23.1	0.6
03	50.9	28.6	39.7	4.8	3.5	4.0	11.5	7.0	3.1	0.4	0.0	0.0	484.1	541.7	630.7	783.1	0.0	0.0	16.4	1.9	19.2	0.0
04	64.0	38.4	51.2	3.2	2.4	2.7	66.8	46.9	25.0	6.2	0.6	0.1	180.8	220.9	289.1	420.2	0.0	0.0	26.5	0.0	6.9	0.0
05	73.1	49.0	61.1	3.9	3.6	3.6	223.3	178.7	121.2	52.9	14.7	7.0	35.8	53.2	88.7	175.4	0.0	0.7	30.9	0.0	0.4	0.0
06	80.7	58.1	69.4	2.0	1.6	1.5	433.0	374.5	289.2	161.3	65.4	39.3	1.1	2.7	7.3	29.4	0.0	2.8	30.0	0.0	0.0	0.0
07	84.4	62.2	73.3	2.6	1.9	2.1	567.2	505.2	412.2	259.6	124.8	82.2	0.0	0.0	0.0	2.4	0.0	5.3	31.0	0.0	0.0	0.0
08	83.5	60.7	72.1	2.5	2.2	2.2	530.0	468.0	375.2	225.2	99.7	63.2	0.0	0.0	0.3	5.2	0.0	4.9	31.0	0.0	0.0	0.0
09	77.5	53.9	65.7	2.6	2.3	2.1	327.7	273.0	196.6	94.1	31.2	17.1	6.8	12.2	25.8	73.2	0.0	1.6	30.0	0.0	0.0	0.0
10	66.0	42.2	54.1	2.8	2.6	2.4	92.4	66.8	37.5	11.7	2.1	0.8	120.2	156.6	220.4	349.5	0.0	0.1	29.0	0.0	2.5	0.0
11	53.7	32.5	43.1	4.9	2.7	3.6	10.6	5.6	2.0	0.1	0.0	0.0	367.6	422.6	508.9	657.0	0.0	0.0	19.4	0.8	14.6	0.0
12	43.2	25.7	34.4	4.8	3.9	4.2	2.0	1.1	0.4	0.1	0.0	0.0	639.0	700.1	792.3	947.1	0.0	0.0	8.9	5.5	23.7	0.0
Summary	63.2	41.1	52.1	3.7	3.0	3.2	2266	1928	1463	812	338	210	3270	3661	4291	5465	0.0	15.4	267.5	23.6	115.9	1.8

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	2.90	15.4	6.5	1.8	0.5	2.02	2.63	3.22	
02	2.43	11.9	5.6	1.4	0.3	1.62	2.13	3.22	
03	3.14	12.8	7.7	1.8	0.4	1.90	2.84	4.15	
04	3.40	13.7	8.4	2.0	0.4	2.35	3.55	3.76	
05	4.30	13.7	8.8	2.7	0.8	3.34	4.17	4.87	
06	4.39	12.5	8.6	2.9	0.9	3.20	4.51	5.60	
07	4.31	11.3	7.9	2.6	0.9	2.63	4.37	5.67	
08	3.64	10.2	6.6	2.3	0.8	2.45	3.05	4.83	
09	3.55	9.7	6.2	2.2	0.7	2.04	2.75	3.71	
10	3.05	11.5	7.0	2.3	0.5	1.92	2.97	3.97	
11	2.84	11.6	6.6	1.7	0.5	2.10	3.02	3.72	
12	2.90	13.1	6.8	1.8	0.4	2.00	2.72	3.67	
Summary	40.85	147.4	86.7	25.5	7.1	27.57	38.71	50.39	

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

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

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	5.70	5.3	2.9	0.7	0.3	0.1	8.8	4.8	1.9	0.9	0.80	2.90	10.80
02	7.20	3.7	2.2	0.6	0.2	0.1	7.1	3.4	1.8	0.8	1.70	4.30	6.90
03	4.60	1.9	1.3	0.6	0.2	0.0	2.6	1.3	0.7	0.1	0.30	3.00	7.30
04	0.10	0.2	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	0.50	0.4	0.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.00	0.00	0.10
12	3.30	2.9	1.5	0.3	0.0	0.0	5.0	1.9	0.4	0.0	1.50	2.20	4.60
Summary	21.4	14.4	8.2	2.2	0.7	0.2	24.1	11.4	4.8	1.8	4.3	12.4	29.7

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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	32.0	36.7	124.9	354.4	652.7	881.9	1032.2	995.0	770.9	440.0	163.1	54.0
45	12.6	14.8	65.7	233.4	499.6	731.9	877.2	840.0	621.1	298.2	84.9	23.3
50	4.0	4.5	30.8	136.1	352.6	582.0	722.2	685.0	472.1	178.1	35.7	8.5
55	0.8	1.2	11.5	66.8	223.3	433.0	567.2	530.0	327.7	92.4	10.6	2.0
60	0.0	0.2	3.1	25.0	121.2	289.2	412.2	375.2	196.6	37.5	2.0	0.4
Growing Degree Units for Corn (Monthly)												
50/86	21.2	29.8	90.0	227.4	401.7	578.1	701.3	668.3	486.5	265.6	104.8	33.3
Growing Degree Units (Accumulated Monthly)												
40	32	69	194	548	1201	2083	3115	4110	4881	5321	5484	5538
45	13	27	93	326	826	1558	2435	3275	3896	4194	4279	4303
50	4	8	39	175	528	1110	1832	2517	2989	3167	3203	3212
55	1	2	14	80	304	737	1304	1834	2162	2254	2264	2266
60	0	0	3	28	150	439	851	1226	1423	1460	1462	1463
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	21	51	141	368	770	1348	2050	2718	3204	3470	3575	3608

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