

MONTHLY WEATHER DATA AND OBS - WESTMONT 1W PA

40.32°N, 78.97°W, station elevation 1,919 ft. Observation time is 12 midnight (calendar days).

Month/year: May 2012; Observer: Nate Mullins

Special Observations: F=fog, S=Sleet/ice pellets, G=glaze, T=thunder, H=hail, DW=Damaging Winds

Date	Temperature, °F			Precipitation, In.			Special Obs.
	24-hour		At	Liquid	Solid	7am	
	Max	Min	Obs	Rain	Snow/ Ice	Snow Depth	
1	72	52	61	0.18			
2	78	56	72	0.16			
3	84	60	68	0.38			F,T
4	83	63	63	0.01			
5	75	58	62	0.01			F
6	79	56	63				F
7	75	58	60	0.03			T
8	69	58	58	1.32			F,T
9	61	47	47	0.14			
10	57	44	44	0.04			
11	67	38	51				
12	74	40	57				
13	61	50	53	0.12			
14	60	52	57	0.36			F
15	70	57	58	0.02			
16	77	51	51				F
17	69	42	53				
18	77	41	56				
19	81	45	63				
20	82	52	64				
21	68	58	61	T			
22	78	59	61				T
23	75	56	62				
24	76	59	65	T			
25	84	60	68				
26	87	63	65	0.57			F,T
27	83	61	63	0.96			F,T,DW
28	86	59	71				F
29	82	61	61	0.69			T
30	77	54	61	0.02			
31	75	50	60				
AVG/SUM	74.9	53.5	60.0	5.01	0.0	-	
EXT	87	38	72/44	1.32	-	-	
Date	26	11	2/10	8	-	-	

*=Also occurred on earlier dates

Mean Monthly Temperature: 64.2 °F (+5.5 °F)

Year precipitation to date: 20.69" (+1.47"); Monthly precipitation departure: +0.70"

Season snowfall to date: 65.1"

Number of days with: 9, Sleet 0, Glaze 0, Thunder 7, Hail 0, Damaging Winds 1

DETAILED OBSERVATION NOTES

- 1: Some brief hard rain showers overnight and this morning, gradually becoming partly cloudy with pleasant temps and light W winds.
- 2: A few showers overnight and early this morning again. Again the clouds gradually broke to partly cloudy with light W winds, a little warmer. Very warm and humid this evening.
- 3: Continuous lightning & thunder from storms to our north beginning around 2am. One storm after another continued to pass just to the north. The line finally inched south and dissipated right as it moved in around 5am still producing some brief heavy rains. Frequent thunder developed again from about 7-9am but just a couple of brief showers. Total rain .38". Very warm & humid today.
- 4: Very warm and humid again with light W winds and occasional moderate breezes. Partly cloudy, became mostly cloudy this evening with sprinkles and a couple of brief light showers.
- 5: Mostly cloudy with light variable winds and a brief light shower around 3:30pm. Skies cleared after sunset with patchy fog developing.
- 6: Fog overnight. Mostly cloudy and warm through the morning. Partly sunny and pleasant this afternoon and evening with warm temperatures and light SE winds.
- 7: Mostly cloudy with increasing humidities and moderate breezes from the south. A few brief showers after sunset with some rumbles of thunder around 11:30pm.

RAIN/STORMS

- 8: Occasional showers overnight with thunder early. A steady light rain with patchy fog developed this morning and became heavy at times, tapering off by 1pm, cooler with light SW winds. A few peaks of PM sun, then more showers & thunderstorms from 7-10pm. Total rain today 1.32", storm total 1.35".
- 9: Mostly cloudy with light variable winds, cooler, brief hard rain shower mid-evening .14" fell.
- 10: Continued cool with variable clouds, a couple of brief showers with light W winds. Clear evening.
- 11: Cool 38 F this morning then a mostly sunny and very nice day high 67 F with light W winds.
- 12: Another cool morning with a low of 40, then a partly cloudy, very pleasant day high 74 F.
- 13: Became mostly cloudy and cooler, calm winds. Drizzle and light rain began around 5pm and continued intermittently through the evening .12" by midnight.
- 14: Occasional light rain & drizzle overnight and through most of the day with steady temps in the upper 50s and some fog. A moderate rain shower late this evening, total rain today .36".
- 15: Steady temps overnight with overcast skies. A brief shower around 8:15 am. Remained mostly cloudy with some partial clearing late this afternoon.

SUNNY/WARM/PLEASANT - NO RAIN

- 16: Fog early this morning, then sunny & warm high 77 F. Became partly sunny late afternoon & evening.
- 17: Cool AM, clear & sunny all day with light variable winds.
- 18: Cool AM, another clear/sunny day with warm temperatures and light winds.
- 19: Sunny again and continued warmer high reached 81. Light S winds.
- 20: Another clear, sunny warm day with a high of 82. Light E winds.
- 21: Overcast all day with a few sprinkles but no measurable rain despite an 80% forecast. Much cooler.
- 22: Variably cloudy and warmer. 90% chance of showers & storms but yet again no rain as a big line of storms approached from the NW, evaporated then reformed just to our east around Babcock Ridge.
- 23: Partly cloudy and mild with light variable winds.
- 24: Partly cloudy and mild with breezes from the south & a few late PM sprinkles.
- 25: Mostly sunny and very warm high 84 with light S winds.

INTENSE THUNDERSTORMS - FINALLY SOME RAIN

- 26: Sunny, very warm and humid high 87 F. Strong thunderstorms repeatedly tracked just north & east of here from 4-6pm and missed us but another storm formed overhead and dropped .57" of rain from 6:15 pm to 7:15 pm along with frequent, sharp and close lightning. Fog formed just after the storm.
- 27: Foggy overnight, burning off by 8am. Very warm and humid high 83 F. Fair early then a brief but intense thunderstorm produced wind damage over much of town from 6-7pm. Then a tremendous thunderstorm stalled on the north & east sides of town between 8-11pm with a wicked lightning display and only a couple of brief downpours at this location but extremely heavy rains just to our north and

east with flash floods reported in East Conemaugh and in town. 3.15" of rain fell at the Airport.
28: Early fog, then partly cloudy, very warm & humid with near calm winds.
29: Mild & muggy overnight low 65. Variably cloudy, warm & humid with a fast-moving thunderstorm from 2:30-3pm containing gusty winds and a brief downpour .31" fell. Winds were not severe here but several trees were blown down in Westmont and power was knocked out for hours at some locations. More rain showers this evening 9pm - midnight .69" of total rain today.
30: Rain ended shortly after midnight. Skies became fair, with a comfortably cool overnight low of 54. The day was mostly sunny, mild & very nice with temps in the mid 70s and light/variable winds.
31: Another clear, pleasantly cool overnight. Partly cloudy, nice high 75, light/variable winds.

MONTHLY SUMMARY

May's weather pattern - that is, warm temperatures, high humidities and almost all of the rain coming from hit-or-miss thunderstorms - was quite summer-like. Temperatures returned to above normal, by quite a bit, actually averaging closer to June's normal than May's. It was consistently warm, with no particularly cold weather once again. May began warm with highs in the 70s and 80s all of the first week. After a return to seasonable temperatures during mid-month, 7 of 11 days from the 19th-29th hit 80 or higher.

Both periods of warm weather were accompanied by frequent showers and thunderstorms. 9 of the 1st 10 days had measurable rainfall, with the heaviest (1.32") falling on the 8th. In contrast, 10 straight days from the 16th-25th had no measurable rain, before some strong thunderstorms around Memorial Day brought locally heavy rains and severe winds. These storms pushed precipitation modestly above normal; 9 of the past 10 months have had above normal precipitation. Like last May, the heaviest rains fell just east of the mountains. A lot of heavy thunderstorms tracked just north & east of this location. Thunderstorm winds caused damage in parts of Westmont on the 27th and 29th. On the 27th, a severe storm dumped 3.15" at the Johnstown airport, near where a local road was closed due to flood damage.