

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA
AUGUST 2012 - OBSERVER NATE MULLINS

Special Observations: F=fog, T=thunder, H=hail, S=sleet, G=glaze, DW=damaging winds
 Observation time for this station is midnight EST (EDST when applicable)

Date	Temperature, °F			Precipitation, In.			Special Obs.
	24-hour Max	Min	At Obs	Liquid Rain Equiv	Solid Snow/ Ice	7am Snow Depth	
1	83	61	66	0.01			F
2	86	58	68				
3	86	62	71	T			T
4	84	67	70	0.46			T
5	76	68	70	0.20			T
6	81	63	63				F
7	82	55	65				
8	84	58	70				T
9	81	63	67	0.02			T
10	76	62	63	0.79			F,T
11	66	60	61				
12	72	59	64	T			
13	80	56	65				
14	79	59	64	0.29			F,T
15	75	62	63				F
16	78	54	63				
17	72	59	61	0.03			
18	73	56	58				
19	75	53	60	0.12			F,T
20	76	58	59				F,T
21	77	51	59				F
22	77	52	60				
23	81	53	63				
24	81	54	65				
25	79	59	63				
26	76	53	66				
27	82	62	70				
28	77	62	63	0.22			
29	74	54	59				
30	80	49	61				
31	85	53	76				
AVG/SUM	78.5	57.9	64.4	2.14	0.0	-	
EXT	86	49	76/58	0.79	-	-	
Date	3*	30	31/18	10	-	-	

*Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 68.2 °F (-0.8°F)

Year precipitation to date: 35.32" (+2.03"); Monthly Precipitation Departure -1.96" (Normal August 4.10")

Season snowfall to date: 0.0"

Number of days with: Fog 8, Sleet 0, Glaze 0, Thunder 9, Hail 0, Damaging Wind 0

DETAILED OBSERVATION NOTES

- 1: A brief light shower overnight, otherwise fair with light fog. Partly cloudy, warm, light variable wind.
- 2: Very warm high 86 F with partly cloudy skies again. Light W winds.
- 3: Partly cloudy, very warm and humid, high 86, heat index 94, light variable winds. A thunderstorm popped up very close by around 5pm but only a few sprinkles of rain here.
- 4: Variable clouds, warm and humid again. Gusty thunderstorm from about 1:30-2:30PM SW wind gusts to 36mph and .46" of rain fell. Mostly cloudy but no more rain the rest of the day.
- 5: Mostly cloudy this morning with several brief showers. A line of strong thunderstorms just missed to the west & south this evening, with only light rain and distant thunder here.
- 6: Some haze & fog overnight, otherwise partly cloudy & less humid with light variable winds, nice day.
- 7: A pleasant clear morning with a cooler low of 55. Warm, sunny, low humidity, light SW winds.
- 8: Another comfortable day with a low of 58 and a high of 84. Mostly sunny, low humidity, light SW winds. Thunderstorms just to the west & north late this evening but they evaporated just as they moved in.
- 9: Light rain shower around 1am and again this evening, variably cloudy skies, line of severe thunderstorms blew up south & east of here but all we got were a few sprinkles. More lightning and thunder from an approaching line of storms late this evening. Very humid all day with light SW winds. Only .02" rain.
- 10: Thunderstorms midnight-1am with gusty winds, frequent lightning & brief heavy rains. A few more showers overnight and through mid-afternoon, after which only a few sprinkles fell. 0.79" of rain today.
- 11: Mostly cloudy, breezy and cool high only 66 F - a September-like day.
- 12: Mostly cloudy with a few sprinkles, breezy at times. Clearing skies by afternoon with pleasant temps.
- 13: A pleasant day with lower humidity, partly cloudy skies & light SW winds.
- 14: Partly to mostly cloudy, humid, light SSW winds. Showers & thunderstorms around sunset with only brief heavy rains .29" fell.
- 15: Overnight fog, then mostly cloudy AM, partly cloudy PM, pleasant temps, light winds & low humidity.
- 16: Partly cloudy with pleasant temps and light SW winds.
- 17: Mostly cloudy and cool most of the day with little wind. A couple of light rain showers only .03" fell.
- 18: Mostly sunny with pleasant temperatures and humidity, light variable winds.
- 19: Mostly cloudy skies with a cool AM low 53, becoming partly cloudy, warmed it up to 75 this afternoon then a couple of passing evening thunderstorms one with a very brief downpour .12" of rain fell in ~4 minutes. A nice rainbow to the east just following the small storm.
- 20: Mostly cloudy overnight with some fog. Partly cloudy and again pleasant temps and little wind.
- 21: Dense AM fog then becoming mostly sunny with again pleasant temps, little wind & low humidity. Some lightning late this evening from distant thunderstorms. No thunder heard, and no rain at this location.
- 22: Another cool morning with a low of 52. Again, sunny with pleasant temps, little wind and low humidity.
- 23: Mostly sunny again with very similar conditions to yesterday just a tad warmer.
- 24: An almost carbon copy of yesterday, similar temps and little wind, nice day.
- 25: Partly sunny with seasonable temperatures, a bit more humid, light variable winds.
- 26: Partly cloudy and slightly cooler, breezy at times with winds from the SW.
- 27: Partly to mostly cloudy, warmer and more humid. Light W winds. Rain threatened but none fell.
- 28: A couple of brief hard showers overnight .22" fell. Partly cloudy, light SW winds.
- 29: Partly sunny AM, mostly sunny PM, cooler high only 74 with light variable winds.
- 30: Cool AM low of 49 F, then sunny and warm high 80. Light winds, low humidity, nice day.
- 31: Again somewhat cool this morning but sunny and very warm high 85 F with light-moderate W winds. Very warm evening with some high clouds moving in and the temperature still 76 @ midnight.

MONTHLY SUMMARY

After a wild July, the area got a break from the excessive heat and severe thunderstorms. August turned out to be very quiet, with little rainfall, particularly during the 2nd half. There were 9 days with thunder, but most of the storms produced little to no rainfall. Only one day (10th, 0.79") had a half-inch or more rain, compared to 7 days in July, 3 of those over an inch and 1 over two inches. After a whopping 9.69" of rain in July, only 2.14" fell in August, the driest month thus far in 2012 and the driest August since this station opened in 2004. The summer of 2012 finished with slightly above average precipitation. July's hefty total contributed to 66%, about 2/3 of the entire summer's rainfall, and just offset a dry June & August.

Temperatures were generally seasonable, with the warmest temperatures early in the month. There were only a handful of days after the 9th when temperatures reached 80 or higher. There were also no particularly hot readings, as there were in June and July. Temperatures averaged slightly below normal, owing to below normal minimum temperatures - opposite to July and the overall trend the past several years. Lows were frequently in the 50s, with a monthly low of 49. In general, August 2012 was a quiet, pleasant late summer month.