

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA
SEPTEMBER 2012 - OBSERVERS NATE & STEVE MULLINS

Special Observations: F=fog, T=thunder, H=hail,
S=sleet, G=glaze, DW=damaging winds
Observation time for this station is midnight.

Date	Temperature, °F			Precipitation, In.			Special Obs.
	24-hour Max	Min	At Obs	Liquid Rain Equiv	Solid Snow/ Ice	7am Snow Depth	
1	81	66	66	0.47			T
2	75	66	68	0.10			
3	76	68	70	T			
4	79	67	69	0.28			T
5	80	66	66	0.01			
6	82	64	69				
7	83	63	65	0.08			
8	68	55	55	0.55			
9	63	52	53	0.02			
10	62	49	51				
11	71	40	54				
12	77	44	60				
13	78	52	62				
14	77	53	55	0.07			
15	64	49	53				
16	65	43	50				
17	74	43	61	0.01			
18	64	51	51	1.42			
19	61	43	43				
20	70	36	43				
21	72	54	56				
22	69	48	48	0.03			
23	55	45	45	T			
24	56	38	41	0.16			
25	66	36	54	T			T
26	63	54	59	0.70			
27	63	59	59	1.34			F
28	60	49	49	0.08			
29	58	43	48				
30	51	45	43	0.21			T
AVG/SUM	68.8	51.4	55.5	5.53	0.0	-	
EXT	83	36	70/41	1.42	-	-	
Date	7	25*	3/24	18	-	-	

* = Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 60.1 °F (-2.3°F)

Year precipitation to date: 40.85" (+3.41"); Monthly precipitation departure +1.38"

Season snowfall to date: 0.0"

Number of days with: Fog 1, Sleet 0, Glaze 0, Thunder 4, Hail 0, Damaging Winds 0

DETAILED OBSERVATION NOTES

WARM/HUMID/SHOWERY

- 1: Partly cloudy early, warm, humid, thunderstorm began at 2:45pm with rain showers continuing until 4:45pm .47" of rain fell. We were right on the eastern edge of rain bands from remnants of Isaac.
- 2: Mostly cloudy, warm and humid with a couple of brief hard showers @ 11:45am and 4pm.
- 3: Mostly cloudy, very humid. Rain threatened all day but only a few sprinkles fell.
- 4: Again, warm and humid. Dissipating line of thunderstorms passed through around 9pm, dropping .28" of rain.
- 5-9: *Away. Very warm and humid, variable clouds. Brief hard shower early on the 7th. Cooler on the 8th with a period of moderate to briefly heavy rain and gusty winds .55" fell. Cool the 9th.
- 10: Partly cloudy, cool with occasional light W winds.
- 11: Sunny with a cool AM and mild PM, light N winds.
- 12: Sunny, nearly a carbon copy of yesterday but warmer.
- 13: Increasing PM clouds. Light W winds, mild temps.
- 14-16: *Away for my sister's wedding the 15th! Congrats Sylvie & Charlie!* Warm on the 14th then partly cloudy, cooler, breezy. A few pre-dawn showers on the 15th but a beautiful, fair day.
- 17: Mostly clear and pleasant with increasing clouds by 6pm, light SW winds.

RAIN

- 18: A steady, soaking rain all morning, tapering off in the afternoon, a few more evening showers 1.42" of rain fell.
- 19: Mostly clear, cool, light NW winds.
- 20: Chilly low 36 F this morning, no frost observed here. Beautiful 100% sunny, mild day high 70 F.
- 21: Mild & pleasant with increasing clouds in the evening.
- 22: Light overnight rain shower, breezy AM, mostly cloudy, 20-30 mph W winds, brief shower 12:30pm.
- 23: Cloudy AM with moderate W winds. Mix of sun and clouds with a few late evening sprinkles.
- 24: A thunderstorm early this morning 2:30-3:15am with gusty winds, 0.16" of rain fell, becoming chilly. Mostly cloudy AM then clearing PM.
- 25: Clear & cool AM, mild and becoming overcast after 1pm. Very light shower ~ 7pm, not measurable.

RAINY

- 26: Moderate to occasionally heavy predawn rain .63" by 7am. WSW winds gusting to 25 mph. Light rain showers continued on and off all day for a total of 0.70".
- 27: Steady predawn rain - again 0.63" by 7am and foggy. Occasional light showers through the day. A period of moderate rain from 4:30-7pm with an additional 1.34" of rain today.
- 28: Early shower ~2am .08" rain fell. Some sun in the AM then overcast again PM. West winds becoming nearly calm.
- 29: Partly cloudy, light breezes, somewhat cool but pleasant.
- 30: Some brief pre-dawn rain showers with thunder. Mostly cloudy with a few more PM showers.

MONTHLY SUMMARY

Precipitation returned to above normal in September, continuing the year-long yo-yo precipitation pattern. Every odd month (particularly July) has had above normal precipitation, while every even month except February has had well below normal precipitation. Rain fell frequently - in modest amounts during the first half - mostly early, from the stalled remnant moisture from Tropical Storm Isaac. There were two heavy rain events during the 2nd half of the month - the 18th and 26th-27th. Thunderstorms were observed on 4 days during the month.

Temperatures were moderately below normal - with respect to normal, this was the coolest month since January 2011. In general, temperatures followed the expected trend for September - warm at the start of the month and much cooler, more fall-like by the end. All of the first week was warm, with highs in the 70s or 80s every day. On the other hand, all of the final 9 days failed to reach 70. Both max and min temperatures were about equally below normal. No frost was observed, though there were 3 low temperature readings below 40.