

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

JUNE 2009

OBSERVERS NATE AND 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	71	38	62				
2	75	58	58	0.24			T
3	58	48	48	0.24			F
4	53	48	51	0.01			F
5	52	51	52	0.11			F
6	69	50	57				F
7	75	52	65				
8	75	58	66	T			T
9	75	63	65	0.03			T
10	70	62	63	0.09			F,T
11	70	59	62	0.88			F,T
12	66	60	62	0.04			F,T
13	66	56	56	0.01			
14	70	48	58				
15	72	53	61				
16	69	56	59				
17	59	55	59	1.29			T
18	62	59	59	0.27			T
19	73	56	65				
20	70	62	62	0.17			T
21	68	57	64	T			
22	73	59	61				
23	74	57	61				
24	75	57	66				
25	77	61	67	0.08			T
26	72	62	62	0.04			T
27	74	59	62				
28	66	59	63	0.04			
29	70	56	62	0.14			
30	65	58	58	0.20			T
AVG/SUM	68.8	55.9	60.5	3.88	0.0	-	
EXT	77	38	-	1.29	-	-	
Date	25	1	-	17	-	-	

*=Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 62.4 °F

Year precipitation to date: 22.79"

Season snowfall to date: 94.6" (final total for 2008-2009 season)

Number of days with: Fog 7, Sleet 0, Glaze 0, Thunder 12, Hail 0, Damaging Wind 0

DETAILED OBSERVATION NOTES

- 1: A chilly low of 38 F this morning. No frost observed but there were frost warnings to our north. Mostly sunny to partly cloudy and breezy with pleasant afternoon temps
- 2: Occasional rain overnight and early this morning (.17") with brief gusty winds. Became mostly clear to partly cloudy. Strong storms south of station this evening after sunset with only a brief storm at 11:15pm dropping .07" of rain.
- 3: Overcast and cool with patchy fog and periods of light rain and drizzle throughout the day. Temperatures slowly fell to 48 F by late evening.
- 4: Overcast and very cool high only 53 F with patchy fog. Some drizzle developed this evening.
- 5: Drizzle and fog overnight with light rain from 3-7am. Drizzle continued through mid-morning but only .11" total rain fell today as a large system dropped heavy rain just south of us. Continued cloudy and very cool with temperatures steady at 51-52 F all day long.
- 6: Overcast and foggy early then became sunny and pleasant with milder temperatures
- 7: Mostly sunny, mild and pleasant with a brief period of variable clouds only in early PM
- 8: Variably cloudy, little wind, strong storms NW of station at 5:30pm but only a few sprinkles.
- 9: Brief overnight shower at 2am .03" with some lightning & thunder. Mostly cloudy, humid, several storms passed south of here close enough to hear thunder late this evening. Only a bit of light rain around midnight but some areas especially to the south & east were really hammered by severe hail and damaging winds.
- 10: Variably cloudy, a few brief stray afternoon thundershowers dropped .09" rain.
- 11: A few light showers early this morning and again mid-afternoon but almost everything broke up as it approached from the SW. However a strong thunderstorm this evening from 11pm-midnight brought gusty SW winds, heavy downpours and frequent lightning .88" rain fell.
- 12: Thunderstorms and rain ended shortly after midnight with fog developing. Cooler with gradually clearing skies and light NW breezes.
- 13: A brief light shower overnight. Mostly cloudy to cloudy AM then becoming partly cloudy PM.
- 14: Clear and cool overnight, sunny and pleasant with light NW winds.
- 15: Another brilliant near 100% sunny day with slightly milder temperatures.
- 16: Partly to mostly sunny early becoming mostly cloudy with winds reversing to SE and increasing slightly (15 mph).
- 17: Cool high only 59 with periods of light to moderate rain from 6 through 11:30am and a few more afternoon showers. A band of extremely intense, training thunderstorms that hammered Pittsburgh with flash flooding was headed straight for us but rapidly dissipated as they moved into the cooler more stable air, and what didn't dissipate ended up veering SW of the area. Still a number of moderate to heavy thunderstorms began at 7:30pm. 1.29" rain today.
- 18: Rain and thunder after midnight ended around 1am another .21" rain fell. Remained mostly overcast and cool with another shower 12-1pm.
- 19: Periods of heavy AM overcast before partial afternoon clearing with warmer temperatures.
- 20: Some rain showers early this morning beginning at 5:45pm but almost all of the heavy rain and storms repeatedly tracked eastward through the northern portion of the county, prompting many flash flood warnings. Only .15" rain here. Then this afternoon training thunderstorms hammered many areas to our SW bringing some 30 mph wind gusts, dark skies and distant thunder and only .02" of rain. Most surrounding areas had 1-2 inches of rain today.
- 21: Gustly N winds overnight to 30 mph diminishing towards dawn with some light AM drizzle. Partial clearing during the afternoon.
- 22: Variably to partly cloudy with breezy N to NW winds.
- 23: Mostly sunny, pleasant, light N winds.
- 24: Mostly sunny, pleasant, light to occasionally moderate breezes from N again
- 25: Mostly sunny, hazy & mild. Increasing clouds during the mid-late evening. Strong storms suddenly blew up just north & east of here once again prompting flood warnings/advisories. Once again, this station was virtually missed with just .08" rain from 10:15-11:15pm.

- 26: Variably to mostly cloudy and somewhat cooler than forecast. A solid line of strong storms headed this way from the NW did the predictable split and virtually all of the thunder and rain went north & south of us. Again!
- 27: Partly to mostly sunny skies, pleasant temperatures and humidity
- 28: Mostly cloudy and cooler with occasional SW breezes. Heavy overcast with storms building to the west early evening only to fall apart as they approached our area. This pattern of storms breaking up or dissipating has become so predictable I could place a bet and win every time!
- 29: Clearing overnight, then partly to mostly cloudy skies and breezy (winds from W). Showers late this evening mostly from 10-11pm .14" rain fell.
- 30: Brief 5:30am shower (.02"). Variably to mostly cloudy skies with a brief downpour at 3pm and one clap of thunder. Temperatures were on the cool side and fairly constant all day.

MONTHLY SUMMARY

Despite a very active weather pattern and many weather systems and heavy rain events passing through, precipitation was subnormal, along with temperatures, which averaged a cool 62.4 F. The rainfall total of 3.88" was nearly an inch below the normal of 4.86", as this was a month where many big storms split or evaporated as they approached the area. The northern portion of the county had a lot more rain with flash flood warnings on several occasions. There was also a lot of rain to our south/west in Somerset/Fayette/Westmoreland counties. Latrobe, 20 miles to our west, had more rain from one thunderstorm on the 17th (4.25") than we did the entire month!

June began quite cool and remained that way through most of the month. The first morning the low was 38 F, with frost warnings issued to our NW. The 4th and 5th, which saw a heavy rain event barely slide south of the area, were only in the low 50s. Most of the rest of the month max temperatures were in the 60s-70s. As in May, there were no days 80 or higher. This is of course quite unusual for June. Since near-record heat at the end of April, no day has hit 80. This is thus far the coolest summer month I've recorded since records began in August 2004.