

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

JULY 2006

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.

Date	Temperature, °F			Precipitation, In.			Special Obs.
	24-hour Max	Min	At Obs	Liquid Rain Equiv	Solid Snow/Ice	7am Snow Depth	
1	78	52	68				
2	81	67	67	0.47			T
3	77	65	68	0.29			T
4	74	66	67	0.21			T
5	74	59	59	0.71			F
6	67	51	58				
7	72	48	61				
8	74	54	63				
9	74	58	63				
10	79	58	67				
11	82	66	69	0.11			T
12	77	66	69	0.24			T
13	79	66	70	0.30			
14	80	66	71	T			T
15	80	67	69				
16	85	62	71				
17	87	69	72				
18	84	69	72				
19	83	64	72				T
20	83	65	72	T			T
21	80	67	71	0.01			
22	71	62	62	0.34			F
23	73	57	61				
24	78	54	65				
25	82	59	67				
26	81	63	68				
27	80	67	67	0.22			F,T
28	76	67	67	0.88			
29	82	68	71				
30	83	64	70	0.26			F,T
31	83	68	73	0.62			F
AVG/SUM	78.7	62.4	67.4	4.66	0.0	-	
EXT	87	48	-	0.88	-	-	
Date	17	7	-	28	-	-	

*=-Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 70.5 °F

Year precipitation to date: 27.92"

Season snowfall to date: 0.0"

Number of days with: Fog 5, Sleet 0, Glaze 0, Thunder 10, Hail 0, Damaging Wind 0

DETAILED OBSERVATION NOTES

- 1: Mostly sunny, slightly warmer and hazy with light breezes.
- 2: Mostly cloudy, warm and humid. Strong storms suddenly blew up nearby around 2:30pm with a few big drops of rain and some close lightning strikes. Storms continued forming over the area with the strongest cell around 3pm producing a heavy downpour and intense lightning .47" rain fell most of it in 10 minutes. Some wind damage was reported in town. Skies cleared by late afternoon but more thunder just before midnight.
- 3: Occasional showers and thunderstorms overnight with a few brief downpours but the worst of the storms were just to the south where radar estimated 2-3 inches in some areas. Only .29" at this station. Partly cloudy, hazy warm and humid during the day.
- 4: A few thunderstorms just to the north overnight but no rain. Small intense storm briefly clipped the area this morning around 7:30am most of it again passing to the north. Heavy rain dissipated as it moved in from the west, only a few light showers fell. Very brief heavy shower right before midnight, day's total .21".
- 5: Showers continued overnight heavy at times another .71" fell by 8am. Light AM fog then partial clearing, becoming overcast again by late afternoon, few sprinkles, breezy.
- 6: Clearing and cooler overnight low 51 F. Partly to mostly cloudy and relatively cool high only 67 F.
- 7: Partly cloudy, pleasant temps and low humidity.
- 8: Partly to mostly cloudy, calm wind.
- 9: Partly to mostly cloudy, increasing humidity.
- 10: Sunny then increasing PM clouds, warm and humid.
- 11: Partly to mostly cloudy, warm and humid. Showers and storms in the area this evening went mostly to the north, .11" rain fell.
- 12: Mostly cloudy, warm and humid. Heavy rain and storms split and went north & south on multiple occasions with this station on the fringe of everything, only .24" fell.
- 13: A few showers overnight and a couple of brief heavier showers around 9:30am another .30" rain fell then mostly cloudy with partial clearing by late afternoon, still very humid.
- 14: Partly cloudy becoming mostly cloudy by early evening. Showers and storms blew up just to the south & east around 7-8pm but only a few big drops fell here.
- 15: Cloudy and hazy this morning with partial clearing this afternoon, breezy at times.
- 16: Sunny and warm.
- 17: Sunny and warm.
- 18: Partly to mostly sunny, warm, humid. Faint lightning this evening from storms to SSW.
- 19: Partly cloudy, warm and humid. Strong isolated storm cell blew up just SE of station around 7:30pm, loud thunder and wind gusts but no rain. Reports of hail and street flooding in that area.
- 20: Partly cloudy, warm and humid with calm wind. Some thunderstorms to the south this evening but only a trace of rain.
- 21: Mostly cloudy, warm and humid. Light shower around 5:30pm .01" rain.
- 22: Low clouds and fog overnight. Mostly cloudy, cooler, occasional showers through the day and evening .34" fell.
- 23: Partly sunny, cooler.
- 24: Mostly sunny, slightly warmer.
- 25: Partly to mostly sunny, warm.
- 26: Partly to mostly cloudy, humid.
- 27: Mostly cloudy, humid. Very brief shower @ 1:10pm and a thunderstorm between 6:30-7pm dropped .20" rain. Light fog around sunset. More storms to north 11pm-midnight but only another .02" rain.
- 28: Mostly cloudy and windy at times. Heavy downpours between 11am-noon dropped .88" rain most of it falling in 30 minutes. Partial clearing and continued hazy and humid this

afternoon and evening.

29: Partly cloudy becoming mostly sunny, hazy warm and humid.

30: Thunderstorm this morning from 6-6:30am dropped .26" rain. Became partly cloudy, warm and humid.

31: Showers this morning 6-8am were heavy at times .62" rain fell. Patchy fog. Became mostly sunny during the afternoon, hazy warm and humid.

MONTHLY SUMMARY

This was a typical July with the expected heat and humidity and scattered showers and storms. The first third of the month was relatively cool, but the latter two thirds were consistently warm, bringing the mean temperature up slightly above normal. There was a lack of organized, widespread rain events, so nearly all of the rain fell from hit-and-miss showers and storms. Thunder was observed on 10 days, but ironically the three heaviest rain days did not have thunder.