

# MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

JULY 2007

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	69	53	58				
2	70	50	59				
3	73	52	64	T			
4	74	60	69	T			T
5	70	64	64	0.96			T
6	75	63	65				
7	75	58	65				
8	80	62	65				
9	85	61	70				
10	85	65	73				
11	74	58	58	0.61			
12	73	51	61				
13	70	55	55	0.34			F,T
14	74	54	69	0.01			F
15	76	66	66	0.04			F,T
16	76	62	63				F
17	80	59	69	0.01			T
18	75	65	69	1.01			T
19	72	64	64	0.28			T
20	69	55	58				
21	71	52	58				
22	73	53	60				
23	71	55	57				
24	73	54	57	0.41			F,T
25	71	54	61	0.02			F
26	76	58	65	0.13			T
27	73	63	66	0.02			
28	78	64	67				F
29	77	64	68	0.01			F,T
30	79	64	68				F
31	82	62	69				
<b>AVG/SUM</b>	<b>74.8</b>	<b>58.7</b>	<b>63.9</b>	<b>3.85</b>	<b>0.0</b>	<b>-</b>	
EXT	85	50	-	1.01	-	-	
Date	10*	2	-	18	-	-	

\*=-Also occurred on earlier dates

### Miscellaneous Stats

**Mean Monthly Temperature: 66.8 °F**

Year precipitation to date: 29.91"

Season snowfall to date: 0.0"

Number of days with: Fog 9, Sleet 0, Glaze 0, Thunder 10, Hail 0, Damaging Wind 0

## DETAILED OBSERVATION NOTES

- 1: Comfortably cool overnight low 53 F with clear skies. Partly to mostly sunny with light north winds and a pleasant high of 69 F.
- 2: A few PM high clouds, otherwise clear. Again comfortably cool temperatures.
- 3: Variable clouds with light winds and a few sprinkles around 8pm.
- 4: Overcast with a rumble of thunder around 9am as a strong storm passed to the north. Another strong cell to the north around 2:30pm produced 25 mph wind gusts but no measurable rain. Partial clearing during the evening hours.
- 5: Breezy overnight with a shower around 5am .08" fell. Remained overcast and hazy. Soaking rains with a couple of imbedded thunderstorms and heavier downpours between 1-4pm brought the day's total to 0.96". Weak sun by 4:30pm. Heavy cloud cover this evening but no more rain.
- 6: Mostly cloudy early, clearing to partly to mostly sunny with pleasant temperatures and humidity.
- 7: Partly to mostly clear skies most of the day with light west winds.
- 8: Fair to partly cloudy skies and breezy through midday, then becoming clear. Warmer high 80 F.
- 9: Fair, very warm & humid with a light SW breeze much of the day. High 85 F.
- 10: Hazy, very warm & humid with fair skies and occasional brief SW wind gusts. High 85 again.
- 11: Cloudy and cooler with occasional showers of varying intensity. The heaviest were around 11:30 am and again around 3:30pm. Rain ended by 5pm .61" fell. Some partial clearing in the evening and became clear after sunset.
- 12: Partly cloudy most of the day with an interval of mostly overcast skies from 4-8pm, light winds all day.
- 13: Clear early then variable clouds. Increasing clouds late afternoon with a thundershower from 5-6pm bringing falling temperatures and locally gusty winds .34" rain by 6:30pm. Partly cloudy again by 8pm with a golden sunset.
- 14: Dense fog with mist overnight and early this morning. Breezy through late morning with a few clouds developing. Remained partly cloudy.
- 15: Breezy with variable clouds. Became cloudy during the mid afternoon. Strong storms appeared to be heading this way by 4:45pm but veered slightly S & SW and only dropped .04" rain. Areas only 1-2 miles to the south of this station had very heavy rain and localized flooding.
- 16: Early fog then became sunny & pleasant with calm to light SW winds.
- 17: Partly cloudy, warmer & more humid with calm to light SW winds. Mostly cloudy to cloudy skies after sunset. Strong storm passed just N around 11pm with only a light shower at this station.
- 18: A brief thunderstorm around 2am followed by a couple of periods of heavy rain from 3-3:30am and again from 5:30-6:30 am. A couple more showers during the mid and late morning ending by 11:30am 1.01" total. Calm to light W winds with partly to mostly cloudy skies rest of the day.
- 19: A thunderstorm early this morning from 4:30 to 5am with light showers ending by 8am .22" fell. Mostly cloudy with occasional light showers through the day and evening. Winds increased this evening gusting to 25 mph.
- 20: Breezy overnight with NW winds gusting 25 to 30 mph and falling temperatures. Somewhat cool and breezy all day with partly to mostly cloudy skies.
- 21: Clear and cool overnight with winds shifting to NNE. Became partly cloudy by mid morning. Light NE winds with variable clouds this afternoon.
- 22: Mostly sunny and pleasant with light NE winds.
- 23: Overcast early then variably cloudy with light NE winds.
- 24: Partly cloudy early with light winds reversing to the SW then shifting to SSE by mid afternoon. Brief thunderstorm around 3:15pm dropped .30" rain in 10 minutes followed by light to moderate showers through 6:30pm .41" total rainfall. Fog and mist began forming around sunset.
- 25: Dense fog and mist overnight and cool. Variably to mostly cloudy with partial afternoon clearing and breezes from the S. Light shower around 10pm.
- 26: Variably cloudy with light S winds. Showers and storms blew up all around this station, one dropping torrential rain just 1 mile east but not a drop at this location. Several more

passed just slightly S & E and yet a couple more slipped just N & W this evening. Finally a shower from 10:30pm-midnight dropped .13". Some nearby areas were really hammered today.

27: A few sprinkles overnight and around noon with mostly cloudy skies. Light rain noon-1pm .02" fell but much heavier rain in the south & east part of town for the 4th or 5th time in the past 2 weeks. Partial clearing by late afternoon and occasional light breezes.

28: Light fog early, then partly to mostly cloudy with light W to NW winds.

29: Dense AM fog lifting by 9am. Became mostly sunny with increasing cloud cover again by late morning and light and variable breezes. Strong storms passed NNW of this station this evening between 9-10pm with thunder but no rain. Light shower from 11:15 to 11:45pm.

30: Light fog early, then variable clouds and light winds.

31: Sunny and warmer with low humidity. Calm to light N winds with a few early evening gusts.

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#### MONTHLY SUMMARY

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July was a relatively quiet and pleasant summer month. A persistent trough in the northeast led to comfortable below normal temperatures and a lack of the stifling heat and humidity we've seen the past couple of summers. Unlike June, there were no particularly strong or severe storms. Precipitation was below normal, though not excessively so. Most of the rain fell the first 19 days. After the 19th, most of the rain and storms broke up and missed this station. A few nearby areas, especially the south & east part of town, had a lot more rain.