

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

MAY 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	76	49	63	0.10			T
2	67	55	55	0.24			T
3	63	46	48				
4	63	41	51				
5	66	47	48				
6	58	38	49				
7	65	41	52				
8	78	45	64				
9	81	56	67				
10	75	61	62	0.01			
11	76	56	64				
12	76	56	56	T			
13	63	39	49				
14	65	44	62				
15	79	59	68				
16	68	51	51	0.62			F
17	53	43	43	0.05			F
18	57	40	44	T			F
19	62	39	50				
20	63	47	50	0.19			
21	64	45	54				
22	74	43	57				
23	76	53	62				T
24	76	56	69	T			
25	80	60	66				T
26	79	59	65				
27	78	60	65				T
28	72	60	60	0.09			T
29	76	52	63				
30	80	56	68				
31	83	65	68	T			T
AVG/SUM	70.7	50.4	57.8	1.30	0.0	-	<<--Mean
EXT	83	38	-	0.62	-	-	
Date	31	6	-	16	-	-	

*-=Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 60.5 °F

Year precipitation to date: 21.80"

Season snowfall to date: 106.8"

Number of days with: Fog 3, Sleet 0, Glaze 0, Thunder 7, Hail 0, Damaging Wind 0

DETAILED OBSERVATION NOTES

- 1: Cloudy and cool early then became partly to mostly sunny, warm & breezy. Several thunderstorms in the area this evening beginning around 9pm with some brief showers but most of the storms were to the north.
- 2: A thunderstorm around 2am with a brief but heavy downpour .24" in 10 minutes. Partly cloudy and a bit cooler today.
- 3: Cloudy early then varying amounts of clouds, slowly becoming mostly clear during the afternoon and evening.
- 4: Sunny and pleasant with light E winds.
- 5: Mostly clear early then mostly cloudy with nearly calm wind.
- 6: Sunny and a bit cool with gusty NE winds to 25 mph. Low 38 F and a high of only 58 F.
- 7: Cool low 41 F with some nearby locations receiving frost. Brilliant clear skies all day.
- 8: Sunny and warmer high 78 F.
- 9: Mostly sunny with some increase in clouds during the evening. Warm high 81 F.
- 10: Light shower around daybreak (0.01"). Became sunny during the morning with clouds increasing again this afternoon. Heavy clouds and showers just east of station but no more rain here.
- 11: Partly cloudy and hazy.
- 12: Clear early then partly cloudy. Heavier skies this evening with showers and storms forming just east of here again but only a few sprinkles at this station.
- 13: Sunny and cooler. Low 39 F and high 63 F.
- 14: Clear early, becoming overcast by noon. Clouds began breaking again this evening.
- 15: Mostly sunny, warm, humid & hazy. Became breezy this afternoon with SW gusts to 30 mph.
- 16: Mild overnight with a few light showers. Rain became steady by mid morning with some heavier rain around noon, tapering off by 2pm. Some peaks of sun this afternoon, then a period of moderate rain from 7-9pm, a much needed .62" fell. Temperatures fell steadily all day.
- 17: Fog and drizzle overnight, another .05" fell. Overcast & cool, high only 53 F.
- 18: Patchy fog this morning. Remained overcast with a few sprinkles, cool.
- 19: Fair and slightly milder.
- 20: Some showers overnight .19" rain fell. Partly to mostly cloudy and breezy.
- 21: Cool and cloudy early, then becoming mostly sunny. Light NW winds all day.
- 22: Fair skies all day and somewhat warmer.
- 23: Sunny during the morning becoming partly to mostly cloudy during the afternoon. Heavy clouds and thunder to N & E from 5:30 to 6:30 pm from nearly stationary storms but no rain fell here. A friend of my parents who lives 7 miles north reported the storm dumped 2 inches of rain in only 45 minutes and flooded their basement for the first time in years.
- 24: Fair and hazy early. Cumulus clouds began building around noon. A few sprinkles @ 3:30pm.
- 25: Fair and hazy early, a repeat of yesterday with clouds building in the afternoon and storms nearby but no rain.
- 26: Fair and hazy early, with clouds again building this afternoon. Breezy at times.
- 27: Fair and hazy early with clouds forming by 11:30 am. Thunder and gusty winds @ 2:30 pm as another storm moved barely north of us. Variable clouds remainder of day.
- 28: Thunderstorms in the area around midnight this time mostly passing to the south. Series of light showers overnight dropped .09". Overcast much of morning with clearing this afternoon.
- 29: Sunny and pleasant with light NW winds.
- 30: Sunny and warm.
- 31: Mostly to partly sunny, hazy, warm and humid high 83 F. Light SW breezes. Strong storm formed just to the NW around 10pm and inched this way but fell apart then reformed barely E of us. Heavy rain was falling in parts of Westmont and Johnstown but still no rain at this station. The rain line was literally at the end of our block. A few sprinkles towards midnight...

MONTHLY SUMMARY

Warm and dry sums up May's weather. Aside from a brief mid-month cooldown, temperatures were consistently above average, with summer heat and humidity creeping in by month's end. The heat and humidity led to isolated to scattered storms during the final week, all of which missed this station in one direction or another. A dominant high pressure led to a bone-dry weather pattern. Only 1.30" rain fell, over 3" below normal. Lawns began to parch and bake towards the end of the month.