

# MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

APRIL 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	48	42	44	0.55			F,T
2	66	44	54				
3	<b>75</b>	48	52				
4	52	26	26	0.17			F,S
5	26	22	24	0.05	0.7	1	
6	29	20	23	0.03	0.5	1	
7	<b>24</b>	20	<b>20</b>	0.02	0.5	1	
8	30	<b>19</b>	23	0.09	2.0	1	
9	31	23	29	0.06	1.5	2	
10	38	24	32	T	T	T	
11	40	28	34	0.30			
12	50	32	32	0.71	T		F,T,H,S
13	41	30	37	0.05	0.1	T	
14	42	31	36	0.25			
15	38	30	30	<b>1.08</b>	T		F,S
16	31	29	31	0.51	<b>3.5</b>	T	S
17	36	31	34	0.03		<b>3</b>	
18	42	33	39				
19	44	38	42				
20	64	37	44				
21	70	37	48				
22	<b>75</b>	39	55				
23	73	47	<b>63</b>	T			
24	68	53	53	0.04			
25	53	43	43	0.58			F
26	50	42	46	0.18			F
27	65	46	51	0.16			
28	51	42	42	0.15			
29	65	42	62	0.02			
30	72	<b>55</b>	57	T			
<b>AVG/SUM</b>	<b>49.6</b>	<b>35.1</b>	<b>40.2</b>	<b>5.03</b>	<b>8.8</b>		
EXT	75	19	-	1.08	3.5	3	
Date	22*	8	-	15	16	17	

\*=Also occurred on earlier dates

### Miscellaneous Stats

**Mean Monthly Temperature: 42.4 °F**

Year precipitation to date: 20.50"

Season snowfall to date: 106.8"

Number of days with: Fog 6, Sleet 4, Glaze 0, Thunder 2, Hail 1, Damaging Wind 0

## DETAILED OBSERVATION NOTES

- 1: Brief heavy showers this morning around 7:30am with thunder, then periods of light to moderate rain throughout the day. Several storms passed narrowly to the north this evening between 9 and 11pm with a couple of very brief downpours. Total .55" rain today.
- 2: Sunny and milder with strong west winds gusting 30 to 40 mph.
- 3: Sunny and warm high 75 F with light breezes. Few clouds this evening.
- 4: A period of overnight rain totaling .17" with foggy conditions this morning. Partial clearing and windy with falling temperatures and gusts to 35 mph by noon. Spits of sleet and snow this evening and very windy, temperature fell to 26 F by midnight.

### COLD & WINDY, LIGHT SNOWS

- 5: Dusting of snow overnight. Light snow showers on and off all day with windy, blustery and cold winter-like temperatures.
- 6: Snow showers overnight totaling 0.5". Frequent snow showers but no additional accumulation. Mostly cloudy and cold but lighter winds.
- 7: Light snow overnight. Light to moderate snow showers all morning with about 0.5" accumulation and intervals of sunshine that melted the snow. Breezy, blustery and unusually cold high only 24 F today.
- 8: Overnight light snow (0.5" by 7am). Mostly cloudy, cold, windy and blustery with occasional flurries. Light to moderate snow resumed during the evening hours, 2" snow fell by midnight.
- 9: Light to moderate snow overnight with another 1" falling by 7am. Flurries and occasional light snow showers tapered off during the afternoon. Brief mid afternoon sun. 5th consecutive day with a sub-freezing max, high only 31 F.
- 10: A dusting of snow overnight and a few snow showers through the day but no accumulation. Partial clearing during the evening hours.
- 11: Mostly clear early followed by increasing clouds. Overcast skies by late morning with strong breezes from SE. Rain showers started mid-afternoon. A cold steady rain by late evening, .30" fell by midnight.
- 12: Overnight rain, another .44" fell by 7am. Temperature spiked up to 50 F around midday then dropped again this afternoon with showers resuming, one with thunder and pea-sized hail around 1pm. Strong west winds gusting to 40 mph this evening with falling temperatures and spits of snow and sleet. Temperature fell to 32 F by midnight, total precip .71" (trace of snow/ice).
- 13: Strong west winds continued overnight with gusts 40+ mph with a light coating of ice/snow. Fine snow/sleet all morning but only marginal accumulation. Clearing during the afternoon.

### RAIN THEN SNOW, WIND AND COLD

- 14: Clear early with increasing AM clouds. Light rain began around 4:30pm and continued through midnight .25" fell.
- 15: Rain overnight heavy at times another .92" fell by 7am. Periods of rain and drizzle continued through mid-afternoon. Winds slowly shifted from E to NW and increased to 20 to 30 mph during the evening with precipitation changing to sleet then snow. Total rain 1.08" today.
- 16: Snow flurries overnight with howling NW winds gusting 45+ mph. Light snow/sleet mix all morning with light accumulation. Continued very windy with NNW gusts to 45 mph. Snow became moderate to heavy during the afternoon hours with 3.5" accumulation before tapering to flurries by 8pm. Snow/ice melted to 0.51" precipitation.
- 17: Gusty N winds overnight diminished to 10 to 15 mph by 7am. Light snow/rain mix during the mid-morning hours with light drizzle continuing through the afternoon. Heavy overcast all day.
- 18: Cloudy and cool all day with little wind.
- 19: Partly to mostly cloudy with light west winds.

WARMER

- 20: Sunny and much milder high 64 F with light NW winds.
- 21: Sunny & pleasant all day with light winds, high 70 F.
- 22: Sunny & warm with light & variable winds, high 75 F.
- 23: Clear skies this morning with increasing high clouds and SW winds increasing and gusting to 30 mph by mid morning. Warm. Partly to mostly cloudy during the afternoon with a few sprinkles. Lightning from storms to N this evening. Peepers and tree frogs heard for the first time.
- 24: Light rain overnight (0.04"). Low overcast this morning gave way to gradual clearing this afternoon. Mild and breezy.
- 25: Cloudy and cooler. Period of steady soaking rain between 11:30am-3pm with .58" falling. Temperatures slowly fell during the evening with fog and intermittent light drizzle.
- 26: Cloudy and relatively cool. Period of moderate rain 5:30-7:30pm .18" fell. Fog developed during the evening.
- 27: A few showers overnight .16" fell. Cloudy this morning then a few peaks of sun this afternoon with breezy conditions. Heavy overcast this evening but only a few sprinkles.
- 28: Cloudy, breezy and cool with temperatures hovering around 47 F most of the day. A persistent light rain and drizzle developed by 10am and continued through 8pm .15" fell. Clearing skies after sunset.
- 29: A light shower overnight. Partly to mostly cloudy skies this morning becoming partly to mostly sunny by afternoon with a couple hours of gusty winds mid afternoon. Brilliant clear evening skies.
- 30: A few sprinkles before dawn. Became mostly sunny, mild and breezy.

MONTHLY SUMMARY

Cool, wet and windy would best sum up April's weather. Winter seemed to hang on, especially during the first two-thirds of the month. Temperatures were well below normal, particularly the daytime maxes. 6 days failed to reach the freezing mark, with a very chilly max of 24 on the 7th. Several light snows fell, the heaviest on the 16th on the tail end of a strong Northeaster. 20 of 30 days had measurable precipitation, the heaviest (1.59") again on the 15th-16th. The 2007 streak of above normal precipitation continued, now 4 of 4 months. Meanwhile, temperatures moderated somewhat from the 20th on, and April finished on a mild, breezy note.