

# MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

FEBRUARY 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	35	26	28	T	T		S
2	49	28	42	T			
3	44	<b>36</b>	42	0.20			
4	42	31	31	<b>0.35</b>	T		
5	31	20	20	0.17	3.7	T	
6	29	19	19	0.11	2.0	4	
7	24	19	19	T	0.1	3	
8	24	18	19	0.09	2.8	4	
9	22	15	19	0.05	2.0	5	
10	30	19	28	T	T	4	
11	28	22	23	0.18	1.9	3	
12	27	17	17	0.12	2.2	<b>6</b>	
13	23	15	21	0.01	0.3	<b>6</b>	
14	42	21	30			5	
15	52	30	37			3	
16	<b>62</b>	35	<b>49</b>			1	
17	53	23	23	0.20	T	T	S,DW
18	23	4	<b>4</b>	0.09	1.5	T	
19	<b>17</b>	<b>-1</b>	13			1	
20	28	12	21			1	
21	35	20	26	T	T	T	
22	42	22	35				
23	41	27	27	0.05	0.5		S,G
24	30	20	21	0.01	0.3	1	
25	48	19	19	T	T	T	
26	22	12	12	T	T	T	
27	25	12	21	0.25	<b>4.2</b>	T	
28	28	10	24	0.03	0.5	5	
<b>AVG/SUM</b>	<b>34.1</b>	<b>19.7</b>	<b>24.6</b>	<b>1.91</b>	<b>22.0</b>	<b>1.9</b>	
EXT	62	-1	-	0.35	4.2	6	
Date	16	19	-	4	27	13*	

\*=Also occurred on earlier dates

### Miscellaneous Stats

**Mean Monthly Temperature: 26.9 °F**

Year precipitation to date: 7.01"

Season snowfall to date: 75.5"

Number of days with: Fog 0, Sleet 3, Glaze 1, Thunder 0, Hail 0, Damaging Wind 1

## DETAILED OBSERVATION NOTES

- 1: Low clouds all day with a few flurries and spits of sleet.
- 2: Mostly cloudy. Few PM sprinkles but a large system split and went NW & SE of us.
- 3: Some pre-dawn rain showers mainly between 4-7am .20" fell. Cloudy, breezy, some occasional light drizzle through the day. Became clear by nightfall.
- 4: Some rain showers around midday, cloudy, more showers early this evening 5-8pm with some gusty west winds .35" rain fell. Snow flurries late in the evening.

### WINTER RETURNS

- 5: Few snow flurries overnight. Light AM snow showers then heavier and steadier snows during the afternoon and evening. 3.7" fell by midnight. Very windy with gusts from the west 30 to 40 mph causing much blowing and drifting of snow. Winter is back!
- 6: Light to moderate snow showers continued overnight and through the morning, another 2.0" fell by noon, very windy. Became partly cloudy during the afternoon, slightly less wind. 2-day total snowfall 5.7" although ground is practically bare in spots due to wind scouring.
- 7: Mostly cloudy, cold, occasional light snow showers but no significant accumulation.
- 8: Snow showers overnight, 1.6" fell by 7am. Mostly cloudy, cold, intermittent snow showers all day with an additional 1.2" totaling 2.8", snow was very dry only melting to .09".
- 9: More snow showers overnight and through mid-morning with another 2.0" of fluffy snow by 10am, snow tapered off by 11am then became partly cloudy, windy, cold.
- 10: Mostly cloudy all day with a few afternoon flurries.
- 11: Cloudy, some weak AM sun. Light snow began about 2pm and continued light but steady all afternoon and evening, 1.9" fell by midnight.
- 12: Light steady snow continued overnight another 1.6" fell by 7am, snow became more intermittent then ended by mid-afternoon, then some peaks of sun, moderate north breezes. Light snow showers again this evening but no additional accumulation. Storm total 4.1".
- 13: Light snow showers overnight, another 0.3" fell. More snow showers on and off all day but negligible accumulation. Breezy and blustery.
- 14: Cloudy early then becoming sunny and much milder.
- 15: Sunny, mild and pleasant.
- 16: Mostly sunny with a balmy high of 62 F.

### STRONG WIND - SHARPLY COLDER

- 17: Mild overnight with a high of 53 F early this morning. Rain showers 4-7am before cold front plowed through around 7am with very strong west winds gusting to 50 mph, some brief bursts of sleet and rapidly falling temperatures. Became partly cloudy during the afternoon, winds slowly diminished, low reached 23 by midnight.
- 18: Max temp of 23 @ midnight with temperatures slowly falling through the day. AM snow showers totaled 1.5" then partly cloudy and blustery with NW winds gusting to 35 mph. Temps dropped to a chilly 4 F late this evening.

### VERY COLD

- 19: Very chilly overnight low of -1 F. Wind chills -10 to -20 F. Sunny but continued cold high only 17 F.
- 20: Became cloudy overnight but cleared again during the mid-morning, then mostly sunny, cold but not as cold as yesterday.
- 21: AM snow flurries and windy, dusting of snow. Mostly sunny PM, diminishing winds.
- 22: Partly sunny during the morning, becoming mostly cloudy during the afternoon, milder.
- 23: Some light freezing drizzle overnight, trace. Mostly cloudy becoming partly cloudy this afternoon. Front came through this evening with NW winds gusting to 35 mph, falling temps and spits of snow/sleet. Heavier snow squall ~11pm dropped 0.5" in 20 minutes.
- 24: Light snow showers and flurries overnight, strong NW winds gusting to 30 mph. Flurries ended by 9am then clearing, continued cold.
- 25: Variable clouds. Became mild this afternoon high 48 F before another front passed through

with gusty W winds to 40 mph and rapidly falling temperatures. Some snow flurries late this evening, temps dropped to 20 F by midnight.

26: Few light snow showers overnight, light dusting. Partly cloudy, windy, cold. Few more light snow showers this evening.

SNOW

27: Snow flurries overnight and through the morning, slowly picking up by late afternoon.

About 1" fell by 6pm. Snow became steady and moderate during the evening hours, 4.2" fell by midnight.

28: Snow tapered off around 1am another 0.5" fell for a storm total snowfall of 4.7". Cold and clear by dawn. Mostly sunny much of the day, became overcast again this evening.

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MONTHLY SUMMARY

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After a 6-week absence, winter finally returned, at least intermittently, during February.

Frequent frontal passages resulted in large temperature swings and on several occasions, strong winds. The month's high and low temperatures occurred only 3 days apart. Meanwhile, despite numerous days of precipitation and many weather systems, total precipitation was below normal. Much of the month's precipitation fell as dry, post-frontal snow showers. Snowfall for the month totaled near normal, with no particularly outstanding storm events.