

# MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

NOVEMBER 2008

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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	At Min Obs	Liquid Rain Equiv	Solid Snow/Ice	7am Snow Depth	
1	60	46				
2	55	42	T			F
3	56	40				F
4	59	43				F
5	62	48				F
6	61	40				F
7	<b>66</b>	<b>49</b>				
8	49	36	0.02			
9	36	31	0.02	T		
10	31	29	0.02	0.1	T	
11	38	28				
12	48	32	0.02			
13	48	38	0.46			F
14	57	41	0.01			F
15	51	32	0.52	T		F
16	32	27	0.13	0.5	T	
17	32	26	0.11	2.0	1	
18	26	23	0.12	1.5	2	
19	25	16	0.02	0.2	3	
20	29	23	0.04	0.8	2	
21	<b>23</b>	18	0.27	<b>5.0</b>	4	
22	<b>23</b>	15	T	0.1	<b>6</b>	
23	32	<b>14</b>			4	
24	39	20	<b>1.00</b>	0.1	3	S,G
25	33	28	0.42	4.0	1	
26	29	25	0.08	0.9	5	
27	34	22			4	
28	35	24			3	
29	34	23			2	
30	32	28	0.34	T	1	S,G
<b>AVG/SUM</b>	<b>41.2</b>	<b>30.2</b>	<b>3.60</b>	<b>15.2</b>	<b>1.4</b>	<--Mean
EXT	66	14	1.00	5.0	6	
Date	7	23	24	21	22	

\*=Also occurred on earlier dates

### Miscellaneous Stats

**Mean Monthly Temperature: 35.7 °F**

Year precipitation to date: 51.14"

Season snowfall to date: 18.6"

Number of days with: Fog 8, Sleet 2, Glaze 2, Thunder 0, Hail 0, Damaging Wind 0

## DETAILED OBSERVATION NOTES

- 1: Partly cloudy with some increase in clouds by late afternoon, light W winds
- 2: Mostly cloudy, light SW to S winds, few PM sprinkles
- 3: Light AM fog, partly to mostly sunny skies becoming mostly cloudy by evening
- 4: Light fog with partly cloudy AM skies increasing to overcast by mid-afternoon.
- 5: Light AM fog again. Overcast skies with partial clearing during the afternoon
- 6: Dense fog early then partly cloudy with light NW winds for 2nd straight day
- 7: Mostly sunny and mild with light SW winds
- 8: Overcast with very light rain overnight and again around noon. WSW winds becoming W and gusting 25+ mph with falling temps
- 9: Overcast with occasional breezes from W and spits of light rain and snow this evening beginning around 8pm
- 10: An overnight snow shower with a dusting on raised surfaces. Gusty W winds. Breezy and chilly with occasional flurries.
- 11: Clearing skies after a cloudy start, becoming mostly cloudy again in the afternoon, lighter winds
- 12: Variably cloudy, little wind, some light rain late this evening
- 13: Overnight rain (.38" by 7am) and light rain/drizzle through the AM hours. Drizzle and dense fog through the afternoon & evening total .46" rainfall
- 14: Dense fog and drizzle overnight. Cleared to mostly sunny skies during the AM hours then increasing clouds again with light SW winds, milder afternoon
- 15: Overnight rain, mostly light, 0.25" by 7am. Light rain showers through the day with strong winds developing in the afternoon gusting 25 to 40 mph by evening from the west and more rain/snow showers. 0.52" precip today.
- 16: Light rain and snow showers overnight and continued very windy. Cold and blustery through the day with occasional snow showers and a slushy 1/4 to 1/2 inch on raised surfaces.
- 17: Light snow overnight and continuing through the day with cold temperatures but less wind. Snow slightly heavier in the evening but still was melting somewhat as it hit the warm ground. Still got 2" of accumulation today.
- 18: Cold and blustery with moderate NW breezes and intermittent snow showers with peaks of sun inbetween the showers. High only 26 F. 1.5" of new snow today.
- 19: Cold and overcast with some light fine snow this morning less than 1/4".
- 20: Cold and mostly cloudy with occasional flurries, increasing W winds and some heavier snow showers this evening.
- 21: Cold and blustery with snow showers and squalls overnight and through much of the day. NW winds 10 to 20 mph. High only 23 F. 5.0" of new snow fell today, heaviest of the season so far.
- 22: Again cold and blustery with an overnight dusting of snow. Partly cloudy skies with NW winds shifting to W and becoming lighter by evening.
- 23: Clear and chilly this morning low 14 F, sunny fair skies all day with light SW winds
- 24: Becoming overcast with light SW winds. Temperatures hit 39 F but fell to below freezing as a large band of precip moved through. Freezing rain began this afternoon and was moderate to heavy at times and mixed with sleet with some snow mixed in by late evening. Exactly 1.00" of melted precipitation.
- 25: Chilly, blustery, very windy, NW gusts to 30 mph, with snow showers and squalls of varying intensity through the day and evening. 4" of snowfall.
- 26: Some light snow overnight with winds shifting to W and diminishing with fine light snow ending by noon. Remained overcast with sub-freezing temperatures.
- 27: Clear and sunny with light SW winds

- 28: Slight warming overnight with an increase in clouds and winds from WSW gusting 25+ mph. Partly to mostly cloudy skies. Winds diminishing by evening.
- 29: Fair skies with scattered clouds and little to no wind.
- 30: Slight warming overnight but temperatures remained near freezing. Overcast with light to moderate freezing rain through the day and a bit of sleet. A total of .34" precip fell today.

#### MONTHLY SUMMARY

November was a rather chilly month with near normal precipitation and above normal snowfall. The first half of the month had seasonable to above normal temperatures, while the second half was quite cold. The first week was by far the warmest, with a balmy 66 on the 7th. After a brief cold snap, temperatures rose into the 50s again by the 14th. But following another frontal passage, we went 8 consecutive days, from the 16th-23rd, where temperatures remained below freezing, even during the days. Overall there were 11 days with max temperatures below freezing, a high number for November. The final week was also chilly but slightly more moderate, with highs mainly in the 30s and lows in the 20s. Snow was on the ground from the 17th on.

The month began mild and dry, a pattern common throughout much of the fall. The first measurable rain didn't fall until the 8th, and the first significant rain didn't fall until the 13th. Another frontal passage on the 15th brought another moderate rain event. The rain turned to snow following a shift to the familiar northwesterly wind flow behind the system off the lakes. Beginning on the 16th there were several lake effect/orographic snow events, with the heaviest snows falling on the 21st and 25th. The heaviest rain of exactly 1 inch fell on the 24th, and was mixed with freezing rain and sleet at times, before changing to snow overnight. The month ended chilly and icy, with sleet and freezing rain again on the 30th. Precipitation totaled 3.60", interestingly exactly the same amount as November 2006 but that was a much warmer month and had only 0.7" of snow. Snowfall this November totaled 15.2 inches.