

# MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

NOVEMBER 2011

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	52	29	38	0.05		2	F
2	60	30	46			T	F
3	62	36	49				F
4	51	34	34				
5	50	28	34				
6	58	30	38				
7	64	32	46				
8	<b>69</b>	36	46				
9	67	35	50	0.02			
10	54	33	33	T	T		S
11	37	28	32	0.03	<b>0.6</b>	T	
12	57	29	41				
13	61	41	<b>60</b>				
14	68	<b>53</b>	53	0.34			
15	54	49	49	0.93			
16	51	37	37	0.34			F
17	37	26	<b>26</b>	T	0.1		
18	38	<b>22</b>	31				
19	55	26	41				
20	57	41	52	0.27			F
21	52	42	42	0.24			F
22	45	42	45	<b>1.53</b>			F
23	52	35	35	0.41			
24	46	33	38				
25	56	38	45				
26	56	43	45				
27	54	38	52	0.25			F
28	60	50	54				
29	57	34	34	0.19	T		
30	<b>34</b>	30	30	0.02	T	T	S
<b>AVG/SUM</b>	<b>53.8</b>	<b>35.3</b>	<b>41.9</b>	<b>4.62</b>	<b>0.7</b>	<b>0.1 (avg)</b>	
EXT	69	22	60/26	1.53	0.6	2	
Date	8	18	13/17	22	11	1	

\*=-Also occurred on earlier dates

### Miscellaneous Stats

**Mean Monthly Temperature: 44.6 °F (+3.5°F)**

Year precipitation to date: 60.96" (+16.60"); Monthly precipitation departure: +0.97"

Season snowfall to date: 11.7"

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

## DETAILED OBSERVATION NOTES

### NICE WEATHER

- 1: A brief shower overnight, then clearing & chilly, dense AM fog lifted by mid-morning, then sunny and milder high 52 F. Still some patchy snow around from Saturday's (10/29) record snow storm.
- 2: Fog again this morning, then another mostly sunny, mild and pleasant day high reaching 60 F.
- 3: Dense AM fog then partly cloudy to mostly sunny, mild, some increase in clouds late this evening.
- 4: Cloudy and breezy this morning, then rapid clearing with diminishing winds, cooler.
- 5: A sunny, clear day all day with a crisp morning and a sunny, occasionally breezy afternoon.
- 6: Sunny and slightly milder with light winds, another pleasant late fall day.
- 7: Another cool AM then a mild sunny day with light breezes and virtually no clouds, nice day.
- 8: The stretch of beautiful late fall weather continues with a mild high of 69 F and 100% sunshine.
- 9: Another mild day with a high of 67 F, sunny then increasing afternoon clouds, brief shower late evening around 11:15pm only .02".
- 10: Mild early then turning colder and breezy prior to dawn. Cloudy, chilly, calmer winds during the day. A peak of sun right at sunset, then breezy again with spits of sleet and snow this evening.
- 11: Cold, windy & blustery with a period of snow 8-9am (0.6") then mostly cloudy & breezy with some intermittent snow flurries through the rest of the day - very winter-like.
- 12: Chilly overnight but much warmer today as winds switched to the SW, gusty @ times. Sunny skies.
- 13: Partly sunny and quite mild with gusty S winds, temps still in the upper 50s through the evening.

### MILD - RAIN - THEN COLDER

- 14: Windy & mild overnight with SW winds gusting 30+ mph. Mostly cloudy, mild & windy all day with a balmy high of 68. Heavy rain began around 11pm with falling temps .34" by midnight.
- 15: Heavy rain ended shortly after midnight, then a steady moderate rain resumed around daybreak and continued through the AM hours, tapering off to occasional showers in the afternoon. Temps steady around 50 much of the day. Winds light to occasionally moderate from the WSW. 0.93" of rainfall.
- 16: Fog and drizzle overnight, then a steady light rain through much of the day, tapering off during the evening. Temps steady around 50 early, slowly falling through the PM hours, breezy @ times.
- 17: Mostly cloudy, windy, blustery & cold with a couple of brief snow showers around sunset - a light coating before the snow sublimated. Temps dropped through the upper 20s this evening.
- 18: A chilly low of 22 F this morning. Clear/sunny & chilly all day with a high of only 38.
- 19: Another chilly morning but mild high 55 F and mostly sunny all day - partly cloudy by sunset.

### RAINY

- 20: Became cloudy overnight with warming temps, gusty S winds & low clouds, haze and occasional light drizzle developing. Light to moderate rain showers late this evening .27" fell, dense fog.
- 21: Fog & drizzle overnight, another dreary day with heavy overcast, fog & occasional rain showers. Little to no wind, 0.24" of rain.
- 22: Low clouds & fog overnight. Light intermittent rain commenced at daybreak then turned to a steady moderate rain, becoming heavy at times especially between 9-10pm. The 1.53" of rain that fell today simultaneously pushed the month's precip above average for the 4th consecutive month and 8 of the past 10 months, and the year's precip to 60 inches - a wet 2011 continues.
- 23: A few showers overnight, briefly heavy early this morning, becoming very windy, more light rain showers persisted through mid-day, remaining mostly cloudy, windy & blustery.
- 24: Some morning low clouds over the ridges, otherwise becoming mostly sunny, breezy, seasonal temps.
- 25: Rising temperatures and breezy overnight. Fair, mild, pleasant day with a high of 56.
- 26: Another mild night and day. Fair early then becoming mostly cloudy, breezy at times.
- 27: Mostly cloudy, a period of rain this afternoon 2:45-4:30pm .25" fell with patchy dense fog.
- 28: Mostly cloudy skies, but no rain today. Very mild again for this time of year.
- 29: Breezy, mild AM with occasional showers - most of the rain seemed to split when it hit the ridges and miss us to the east or west. Temperatures dropped steadily through the evening.
- 30: Overcast with spits of light snow and sleet, gusty NW winds at times. A very light coating on the trees but none on the ground and only a trace on snow board. Mostly cloudy, blustery evening.

## MONTHLY SUMMARY

November followed the 2011 trends towards above average temperatures and precipitation. It was somewhat of a mirror image of March, in which one would expect a warming trend, but instead didn't show the usual warming trend and ended up cooler than average. In November, temperatures began mild and stayed mild the vast majority of the month, rather than cooling down towards the end as they usually do. High temperatures were in the 50s and 60s a remarkable 24 of 30 days. Only 2 days were in the 40s and 4 days remained in the 30s. What was even more unusual is that 10 of the 11 sub-freezing lows occurred during the first 19 days. Then we had a 10-day streak from the 20th-29th with no lows at or below freezing. Only the final evening slipped slightly below 32. Both maxes and mins were well above normal. Temperatures were fairly consistent compared to October, with just a couple of brief cold air invasions following fronts. November wound up the 3rd warmest month, compared to average, in 2011.

After a dry, quiet and pleasant start, November again wound up with above normal precipitation - for the 4th consecutive month. Only a tenth of an inch of precipitation fell the first 13 days, but from the 14th on was wet. The most substantial events were rain events - nearly all of November's precip came as rain - with 1.61" falling from a stalled front on the 14th-16th. Once the front finally moved through, the coldest air of the season followed, with lows reaching the low 20s (22) on the 18th. The next major precipitation event fell from the 20th-23rd. 2.45" of rain fell in the 4-day period, over half the month's precipitation. The heaviest rains, nearly 2", fell the 22nd and early on the 23rd. Another system threatened to drench the area during the final four days, but it remained mostly west of the area the entire time. Finally, after the record late-October 11" snow storm, there was barely any snow or ice in November - the month's total was a meager 0.7". Two days had light sleet fall.