

# MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

NOVEMBER 2010

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	49	32	32				
2	50	25	34				
3	60	28	44				
4	44	37	37	0.67			F
5	40	35	35	0.12	T		F
6	41	32	34	0.01	T		
7	45	29	35	T	T		
8	52	34	37				
9	57	35	40				
10	59	30	43				F
11	64	29	41				
12	66	30	38				
13	67	29	45				
14	57	37	45	0.32			F
15	48	35	42	0.05			
16	51	40	49	1.04			F
17	50	39	39	0.06			DW
18	44	35	35	0.01			
19	45	32	35	T			
20	45	35	35				
21	56	31	42				F
22	<b>69</b>	<b>42</b>	49				
23	61	34	34	0.02			
24	38	29	32	T	T		S
25	39	32	39	<b>1.90</b>	<b>1.0</b>		F,S,G
26	50	27	<b>27</b>	0.57			
27	<b>31</b>	25	28	0.02	0.6		
28	41	<b>22</b>	28			1	
29	47	27	33			T	
30	55	33	<b>55</b>	1.67			F
<b>AVG/SUM</b>	<b>50.7</b>	<b>32.0</b>	<b>38.1</b>	<b>6.46</b>	<b>1.6</b>	<b>0.3</b>	<b>&lt;--mean</b>
EXT	69	22	55/27	1.90	1.0	1	
Date	22	28	30/26	25	25	28	

\*=-Also occurred on earlier dates

### Miscellaneous Stats

**Mean Monthly Temperature: 41.4 °F (+0.3°F)**

Year precipitation to date: 53.42" (+9.06"); Monthly precipitation departure +2.81"

Season snowfall to date: 1.6"

Number of days with: Fog 8, Sleet 2, Glaze 1, Thunder 0, Hail 0, Damaging Winds 1

## DETAILED OBSERVATION NOTES

### FAIR - CHILLY NIGHTS

- 1: Partly cloudy & chilly this morning, becoming fair with seasonal temperatures and light N winds.
- 2: Fair & cold with heavy frost this morning, then sunny & mild with light variable winds.
- 3: Sunny with a chilly AM and a mild PM high 60 F, light S winds, very nice day.

### RAIN

- 4: A steady light rain commenced around 3am and continued all day with patchy dense fog. Chilly high only 44 and temperatures slowly falling through the day. Light SW to NW winds.

### FIRST FLAKES

- 5: Occasional drizzle and light rain showers mixed with the first snow flakes of the season. Moderate at times through early PM but no accumulation. Variably cloudy, cold, blustery
- 6: Mostly cloudy, light snow showers during the late afternoon & evening hours, no accumulation.
- 7: Flurries overnight, then partial clearing and breezy.

### FAIR, WARMING TREND

- 8: Mostly sunny with some NW breezes and seasonable temps.
- 9: Sunny and relatively mild, breezy.
- 10: Dense morning fog with light frost, then sunny, mild & pleasant w/ light W breezes
- 11: Clear & frosty this morning. Sunny, mild & very nice high 64 w/ very light W winds.
- 12: Clear, chilly AM, another mild sunny day with light/variable winds. Very dry min humidity 12%
- 13: Clear chilly AM with frost, again sunny & mild high 67. Light variable winds. High PM clouds

### RAIN

- 14: Fair early, then becoming overcast with light showers developing this afternoon, becoming a steady moderate rain from about 4-8pm .32" fell. Foggy conditions this evening.
- 15: Mostly sunny AM, becoming mostly cloudy PM, light rain began late this evening.

### RAIN - WIND

- 16: Light rain showers overnight. Periods of rain and showers on and off all day. Heaviest rain passed through from 9-9:30pm followed by windy conditions. Winds shifted from SE to SW and gusted 25+ at times. 1.04" of rain fell today.
- 17: Very windy overnight with SW to W winds gusting 40+ mph and light rain showers. Rain ended around 7am with mostly cloudy skies and brisk, windy conditions all day. Some power outages and tree damage reported due to the high winds.
- 18: Mostly cloudy with occasional light drizzle. Chilly with breezes from the W.
- 19: Partly to mostly sunny though still seasonably chilly with moderate W breezes.
- 20: Becoming cloudy with a 10-degree spike in temperatures midnight-2am then quickly dropping back to 35. Otherwise, temperatures were steady in the mid-40s with heavy overcast and brisk winds all day. A far cry from the forecasted mild, sunny day. Skies becoming fair in the evening.
- 21: Dense AM fog slowly lifted by late morning to partly cloudy skies. Fair with increasing high clouds during the afternoon and light SW winds.
- 22: Partly cloudy and mild high 69 F with occasional SW breezes. Mild evening with a nice sunset.
- 23: Mostly cloudy with light rain showers early, mild and becoming windy, skies cleared rapidly at 3:30pm, high of 61 was set early this morning and low of 34 set at midnight.
- 24: Partly cloudy early, becoming mostly cloudy and cold all day high only 38. A few late evening snow flurries and ice pellets.

### ICE STORM - THEN HEAVY RAIN

- 25: Light snow and sleet in the predawn hours changed to freezing rain and rain and became steady and moderate to heavy prior to daybreak. About 1" of snow/ice accumulation before the precip changed to rain. Rain became more intermittent in the PM but showers continued all evening with slowly rising temperatures, patchy fog and light SSE winds. 1.90" of rain fell today.
- 26: More rain overnight with temperatures rising, then falling quickly around 5am and becoming windy from west gusts 30-40 mph. Another .57" fell by 7:30am for a storm total of 2.47". Became partly to mostly sunny but blustery and windy all day. Mostly cloudy after sunset.

**COLD - LIGHT SNOW**

27: Mostly cloudy & windy overnight with strong W winds continuing. Light snow showers this morning 0.6" fell by 11am. Cold, windy & blustery. First sub-freezing high temp this season.

28: Partly cloudy early, then mostly sunny & somewhat chilly with light SW winds

29: Mostly sunny & milder, breezy at times from S. Becoming partly to mostly cloudy after sunset.

**HEAVY RAIN**

30: A cold light rain began overnight and became heavy during the morning hours with gusty winds and blustery conditions. Rain was more intermittent and varied in intensity during the PM hours. Temperatures slowly rose throughout the day to a high of 55 at 11:15pm. 1.67" of rain fell today, raising the final monthly total to 6.46 inches.

**MONTHLY SUMMARY**

November was wet with slightly above average temperatures. This is the 9th consecutive month with above average temperatures and the 6th of the past 7 with above average precipitation. November brought a good mix of mild, fair weather and cooler, stormy weather, with a touch of winter late. The most significant storms and most of the month's precipitation occurred during the 2nd half of November. Some of the cooler readings occurred early in the month, before a large system brought a moderate rain on the 4th and the first snow flurries of the season on the 5th-7th. Temperatures rose into the mid 60s during the 2nd week with mostly fair weather, before a couple of systems brought rain and cooler daytime highs. The most potent of these systems was on the 16th-17th, when over an inch of rain fell and damaging winds caused several power outages in the area. Again temperatures rebounded when skies cleared, to a balmy high of 69 on the 22nd. A strong but mostly dry cold front on the 23rd dropped highs from the 60s to the 30s the next day. The first winter weather event of the season occurred Thanksgiving morning, the 25th, when an inch of snow, sleet & freezing rain blanketed the ground, followed by cold heavy rains totaling 2.47". Light snow fell on the 27th, with the first sub-freezing max of the season. Gusty winds made it quite blustery. The month ended on a stormy note, with more heavy rain on the final day of the month. 1.67" more rain was recorded on the 30th, with the storm total reaching 2.57" as of 10am Dec. 1st. Minor to moderate flooding occurred in the area, with some nearby counties getting 3 to 4 inches of rain.