

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

DECEMBER 2006

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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	Min	At Obs	Liquid Rain Equiv	Solid Snow/Ice	7am Snow Depth	
1	65	30	30	0.05			DW
2	32	26	26				
3	40	20	20				
4	20	16	18	T	T	T	
5	24	18	20	0.01	0.3	T	
6	46	18	32	T		T	
7	32	12	12	0.19	3.0	T	
8	17	12	13	0.07	2.0	4	
9	32	13	30			3	
10	45	30	40			2	
11	49	36	39			T	
12	51	34	40				
13	49	37	42	0.14			F
14	54	36	47				
15	50	34	34	T			
16	41	31	44				
17	56	39	56				
18	57	29	29	0.04			
19	32	26	26				
20	45	23	39				
21	44	36	40	T			
22	42	40	42	0.54			F
23	42	35	35	0.21			
24	38	27	27	0.01			
25	36	27	36	0.52			F
26	41	30	30	0.20	0.1		F,S
27	33	26	29	0.03	0.4	T	
28	38	28	30			T	
29	45	27	32				
30	46	25	40				
31	42	34	39	0.21			F
AVG/SUM	41.4	27.6	32.8	2.22	5.8	0.3	<< mean
EXT	65	12	-	0.54	3.0	4	
Date	1	8*	-	22	7	8	

*=Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 34.5 °F

Year precipitation to date: 46.90" (final total for 2006)

Season snowfall to date: 8.5"

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

DETAILED OBSERVATION NOTES

DAMAGING WIND - VERY MILD THEN COLDER

- 1: Mostly cloudy, windy and mild this morning with occasional brief showers. Severe storms narrowly passed to the west & north between 12-1pm producing ferocious wind gusts that toppled large portions of 3 trees in the yard. Temperatures rapidly dropped through the afternoon and evening reaching 30 F by midnight. Continued very windy all evening with west winds gusting 45-50 mph. Wind damage reports were widespread and there was a confirmed tornado in nearby Westmoreland Co.
- 2: Cloudy early then partial clearing. Much colder and breezy but winds diminishing.
- 3: Clear, frosty morning. Mostly sunny with a few high clouds. Became mostly cloudy after sunset.
- 4: Cloudy and chilly this morning with a few snow flurries. Breezy, blustery and cold with gradual PM clearing.
- 5: Overnight light snow (about 1/4" by 7am). Mostly cloudy, breezy and cold with occasional light snow showers or flurries though the day, no additional accumulation.
- 6: Mostly sunny and became much milder by afternoon with gusty SW winds. Increasing clouds by evening with light rain beginning shortly before midnight.

SNOW - WIND - COLDER

- 7: Occasional light rain showers overnight changing to snow by 8am. Light AM snow showers the periods of moderate to briefly heavy snow during the afternoon and evening ending by 6:30pm, 3.0" snow so far. Windy and blustery with blowing and drifting snow and temperatures falling to a chilly 11 F by midnight with light snow resuming.
- 8: Snow showers continued overnight and through the mid-afternoon gradually tapering off. Windy, cold and blustery with a high of only 17 F and near or below zero wind chills. Another 2" snow fell for a storm total of 5" but only about 3" on ground due to drifting.
- 9: Mostly sunny with slowly diminishing winds, cold but gradual warming through the day.
- 10: Mostly sunny with a few passing clouds, milder.
- 11: Mostly cloudy this morning becoming mostly sunny after noon with warming temperatures.
- 12: Mostly sunny with moderate breezes from SW, mild high 51 F. Mostly cloudy by early evening.
- 13: A period of predawn rain, .14" fell. Mostly cloudy and nearly calm with patchy AM fog. Variably cloudy, breezy and continued mild this afternoon.
- 14: Mostly sunny and mild with a gradual increase in high cloud cover.
- 15: A mild, mostly sunny and windy morning with W gusts 30+ mph. Mostly cloudy with a few sprinkles in the afternoon, continued windy with falling temperatures.
- 16: Mostly clear early then weak sun with a gradual increase in high clouds.
- 17: Mostly cloudy and mild high 56 F.
- 18: A very mild overnight with temperatures in the 50s and a max of 57 F set shortly after midnight. A few brief showers overnight and early this morning .04" fell. Cloudy and breezy with falling temperatures during the afternoon. Became clear after sunset.
- 19: Mostly cloudy and seasonably cold with some clearing shortly before sunset.
- 20: Clear and frosty overnight. Mostly sunny and milder this afternoon with near calm wind.
- 21: Cloudy with occasional light drizzle and near calm winds.
- 22: Steady light rain began predawn and continued through most of the day. Rain was occasionally moderate before tapering to drizzle around 9pm. Patchy evening fog, 0.54" rainfall by midnight. Temperatures very steady around 41 all day.
- 23: More rain overnight .21" fell. Variable clouds and breezy during the day.
- 24: Gusty winds overnight, brief light AM shower. Mostly cloudy early with gradual clearing through the day and slowly falling temperatures.
- 25: Mostly clear then increasing clouds with gradual warming overnight. Temps in mid 30s with a period of midday rain. Occasional showers resumed after sunset with patchy fog.

Rain ended by 9pm .52" fell today.

26: Another .15" rain fell overnight. Somewhat mild this morning then slowly falling temperatures with light precip changing to sleet and snow showers by mid afternoon. A light coating of snow by midnight.

27: Occasional predawn and early morning snow showers, about 0.5" total accumulation. Became partly cloudy and breezy by 11am. Mostly sunny during the afternoon.

28: Mostly clear early becoming cloudy by noon.

29: Mostly cloudy gradually becoming mostly sunny with calm wind all day.

30: Clear and frosty this morning. Sunshine followed by increasing late afternoon clouds.

31: A few AM peaks of sun then becoming overcast. Periods of light rain began by 3:45 pm and continued through midnight .21" fell.

MONTHLY SUMMARY

This was a very mild December, one of the warmest on record. Temperatures were consistently above normal with a couple of brief cold snaps early in the month. The only significant snowfall was 5 inches in the 7th-8th following an arctic front. Other than that, December was nearly snowless. Precipitation was also below normal, most of it falling in the last 9 days. Following the ferocious wind storm on the 1st, it was a quiet weather month.