

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

JANUARY 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	28	34			3	
2	36	33	34	0.89		3	F
3	35	33	34	0.17		2	F
4	41	34	40	T		1	F
5	40	30	30	0.15	0.5	T	S
6	30	17	17	0.13	2.2	2	S
7	24	16	30	0.03	0.8	3	
8	40	28	38	T	T	3	
9	52	34	34			T	
10	44	31	39				
11	51	38	38	0.14			
12	54	35	37				
13	60	31	50	0.14			
14	50	19	19	0.65	2.0		S,DW
15	26	14	19	T	T	2	
16	36	16	26			2	
17	32	26	32	0.61	T	1	F,G
18	40	23	23	0.31	0.2	T	F,S,DW
19	51	23	45			T	
20	56	41	42				
21	52	26	26	0.07			
22	39	22	32	0.15	T		G
23	34	29	29	0.78	0.3	T	F,G
24	39	25	29	0.12	1.5		S,T
25	29	20	20	0.31	4.5	3	
26	24	15	17	T	T	5	
27	36	11	28			4	
28	49	28	35			3	
29	50	32	44	0.37		1	T,H
30	47	39	39	0.06			
31	39	28	29	0.02	0.1	T	F,S
AVG/SUM	41.0	26.6	31.9	5.10	12.1	1.2	
EXT	60	11	-	0.89	4.5	5	
Date	13	27	-	2	25	26	

*=Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 33.8 °F

Year precipitation to date: 5.10"

Season snowfall to date: 53.5"

Number of days with: Fog 7, Sleet 6, Glaze 3, Thunder 2, Hail 1, Damaging Wind 2

DETAILED OBSERVATION NOTES

- 1: Cloudy and chilly all day with little wind and a few peaks of sun.
 - 2: Rain began about 9am and continued through the day with occasional breaks. Rain was moderate to heavy at times during the afternoon and evening. Patchy fog. Daily rainfall totaled .89" by midnight.
 - 3: Rain tapered to drizzle shortly after midnight. Persistent drizzle and light rain showers with fog through the day another .17" fell. Some pockets of freezing rain and drizzle in nearby areas.
 - 4: Low clouds and patchy fog all day. Slightly milder, no wind until this evening then windy with rain sprinkles, west winds gusted 30+ mph.
 - 5: Light rain showers overnight .08" fell. Cloudy and windy. Light rain and sleet showers mixed with snow during the evening 0.5" fell by midnight.
 - 6: Light snow and snow showers overnight. Light snow all day with gusty NW winds 15 to 25 mph. A total of 2.2" snow fell today.
 - 7: Light snow gradually tapered off overnight another 0.5" fell. Mostly cloudy, colder. Some intermittent light snow again this afternoon with another 0.3".
 - 8: Snow flurries and windy overnight. Mostly cloudy, became milder today.
 - 9: Became very windy and mild overnight with temps rising to 52 F by 9am. Partly cloudy, winds diminished and gradually became colder again by late afternoon.
 - 10: Cloudy overnight and through the AM. Mostly sunny in the afternoon.
 - 11: Mostly cloudy, mild. Brief shower about 9:30am and more showers 4-6pm .14" fell. Became windy around 5pm.
 - 12: Became mostly sunny, mild & pleasant.
 - 13: Variable clouds overnight. Became mostly sunny and unseasonably mild high 60 F. Cloudy again after dusk with showers 9pm-midnight .14" fell.
- RAIN THEN SNOW - COLDER - WINDY
- 14: Heavy downpour with gusty winds around 12:30am, rain tapered off by 2am with falling temps. Rain began again about 4am, changed to snow by 9am, tapered to flurries by 3pm. 2.0" snow fell, .65" rain & melted snow since midnight. Very windy, NW winds 25-35 mph, gusts to 45 mph. Some scattered tree damage in the area. Flurries this evening, temps dropped to 19 F by midnight.
 - 15: Windy & cold with a few flurries overnight. Low 14 F this morning. Mostly sunny, cold, winds slowly diminished through the day.
 - 16: Mostly cloudy, calm wind, not as cold.
 - 17: Cloudy, temps steady in low 30s. Light rain began around 4pm and became moderate and steady through the evening .61" fell by midnight. Some light icing on colder surfaces, although temps hovered just above 32.0 F during most of the rain event.
 - 18: Periods of rain continued overnight, tapered off by 7am and changed to light sleet and snow showers. Very windy with falling temperatures, west winds gusted to 45 mph, some minor tree damage in the yard. Temps dropped to 23 F by late evening.
 - 19: Winds finally diminished overnight. Cloudy, becoming sunny in the afternoon, mild.
 - 20: Mild and windy overnight low 45 F. Mostly cloudy, mild high 56 F.
 - 21: Fair and mild overnight. Windy this morning. SW winds shifted to NW and gusted to 40 mph. Couple showers 10-11am .07" fell. Variable PM clouds, colder, less wind.
- ICE STORM
- 22: Fair early becoming cloudy. Light rain and freezing rain began this evening around 9pm .15" fell by midnight.
 - 23: Rain and freezing rain overnight moderate at times another .70" fell by 7am. About 1/4-1/3" of ice/glaze on trees and grassy surfaces. Occasional light rain and drizzle through most of the day with dense fog, calm wind. Total precip .78" today.
- THUNDERSNOW - WINDY - COLDER

- 24: Sunny with increasing clouds by late afternoon. A wild weather event this evening about 6:30pm as a thunderstorm with heavy snow and sleet and 40 mph winds rolled in. Many of the lightning strikes were quite vivid and close. 1 inch of snow fell in only 15 minutes and the temperature dropped 10 degrees in the same time.
- 25: Snow showers continued overnight and through the day with a few heavier squalls at times. Windy with blowing snow, cold & blustery. Storm snow total up to 6.0".
- 26: Few flurries and light snow showers into midday then partly cloudy. Cold, breezy and blustery all day.
- 27: Clear and cold overnight low 11 F. Sunny, somewhat milder today, calm wind.
- 28: Sunny and milder, pleasant day.
- 29: Cloudy, light rain 8-2pm, brief thunderstorm with hail and gusty wind @ 3pm, couple more showers through dusk, .37" rain fell. Windy during the evening.
- 30: Mostly cloudy, continued mild. Light rain 10pm-midnight .06" fell.
- 31: Light rain ended shortly after midnight. Occasional light snow and sleet showers through the day, just enough to white the ground.

MONTHLY SUMMARY

January's weather was more typical of March than January. Except immediately following cold fronts, temperatures generally resembled early spring. In fact, it was warmer this January (33.8 F) than last March (30.3 F). An active storm track brought ample precipitation, but it was a lackluster snow month due to the lack of available cold air for significant winter storms. We saw a little bit of every kind of weather: heavy rain, dense fog, ice storms, snow squalls, thundersnow, damaging wind and hail.