

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

NOVEMBER 2007

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	51	44	44	0.03			
2	49	30	36				
3	46	29	38				
4	43	36	38	T			
5	50	32	35	0.78			T
6	35	32	32	0.05	T	T	
7	35	28	28	0.14	1.0	1	
8	37	25	33			T	
9	34	31	33	0.13	1.0	1	F
10	34	30	30	0.25	0.8	1	F,S
11	36	28	36	0.60			F
12	50	36	46	0.05			F
13	56	45	47	0.28			
14	56	42	53	0.42			F
15	42	32	32	0.45	0.6		F,S,T
16	32	28	28	0.03	0.3	1	
17	34	27	32	0.05	T	T	F
18	34	32	32	0.03	T	T	F
19	36	31	33	0.02			
20	56	33	56	0.08			
21	62	56	56	0.03			
22	56	30	30	0.14	0.2		S
23	32	24	24	T	0.1	T	
24	34	21	28				
25	43	28	35	0.23			
26	50	39	47	1.38			F,T
27	47	28	28	0.02			S
28	38	23	28				
29	42	28	28	T			
30	37	22	29				
AVG/SUM	42.9	31.7	35.8	5.19	4.0	0.1	<<-- Mean
EXT	62	21	-	1.38	1.0	1	
Date	21	24	-	26	9*	16*	

*=-Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 37.3 °F

Year precipitation to date: 49.94"

Season snowfall to date: 4.0"

Number of days with: Fog 9, Sleet 4, Glaze 0, Thunder 3, Hail 0, Damaging Wind 0

DETAILED OBSERVATION NOTES

- 1: Some light rain this morning from 8:15-10:30am with skies clearing by midday and light W winds.
- 2: Clear and frosty overnight and sunny all day with calm wind.
- 3: Clear with heavy frost this AM, sunny again with light NW wind.
- 4: Cloudy and breezy with occasional afternoon & evening sprinkles.

RAIN/STORMS THEN COLDER

- 5: Mostly cloudy early, becoming mostly sunny during the morning. Increasing clouds again around midday. Thunderstorm between 5-6pm with showers and occasional storms continuing through the evening. Very heavy rain and strong gusty winds at 10:15pm followed by falling temps and rain continuing through 11pm. Nearly 0.5" rain fell in only 5 minutes with the squall, 0.78" total.
- 6: Light showers overnight another .04" fell. Strong W winds gusting 30+ mph with occasional light snow showers & flurries beginning in the morning and continuing through midnight. Cold and blustery high only 35 F. A light dusting of snowfall.

FIRST MEASURABLE SNOW

- 7: Light wet snowfall overnight with about 0.5" accumulation. Steady light snow continued through 10am with 1" total accumulation. Flurries and occasional snow showers in the afternoon but no additional accumulation.
- 8: Overcast and cold this morning. Mostly cloudy with only a few peaks of weak sun.
- 9: Light snow developed pre-dawn and continued through about noon with 1.0" accumulation and .13" water equivalent. Foggy this morning. A few flurries through the evening hours.
- 10: Overnight mixed precipitation, mostly wet snow. About 3/4" slushy accumulation, mainly on elevated surfaces. Precip ended by 9am with occasional drizzle and patchy fog through mid-afternoon .25" total precip. Skies cleared during the mid-late evening.
- 11: Became cloudy with dense fog overnight. Cloudy all day with periods of rain, heavy at times, beginning at 6:45pm and continuing through midnight .60" fell with dense evening fog.
- 12: Cloudy overnight with another .02" rain and temperatures steady at 36 F.
- 13: Brief heavy downpour about 4:45am followed by lighter rains ending by 7am .28" fell. Skies cleared this morning and became mostly sunny and mild high 56 F.
- 14: Mostly cloudy and mild high 56 F. Some light drizzle began around 4:30pm and rain began about 7pm. Rain steady and moderate at times through midnight with patchy fog .42" fell.
- 15: Periods of rain overnight mostly light another .25" fell with temperatures falling by daybreak. A few snow flurries and light snow showers through the day, windy and blustery. Heavier snow squall mixed with sleet and one loud clap of thunder at 3:30pm. Snow tapered to flurries by 4:15pm with a half inch of slushy snow/ice accumulation. Occasional light snow showers and flurries through the evening with little additional accumulation.
- 16: A few flurries and light snow showers overnight with little accumulation. Windy and cold high only 32 F today with occasional snow showers, light accumulation on grassy surfaces.
- 17: Overcast and cold with light snow developing in mid-afternoon, mixing with then changing to light rain by late evening. 0.05" precip, no measurable snowfall.
- 18: Occasional light rain/snow mix overnight. Heavy overcast & fog with a little drizzle and light snow mix in the afternoon. Again no measurable snow.
- 19: Overcast and occasionally breezy in the afternoon. A couple of light showers this evening.
- 20: Some light rain overnight with considerable warming. Occasional drizzle with breezy conditions and a few weak peaks of sun. Mild through the evening.
- 21: Brief pre-dawn shower. Mild high 62 F with mostly cloudy skies this morning and variable afternoon clouds. A few brief light showers again from 10pm-midnight.
- 22: A little light rain overnight and mild. Moderate to briefly heavy shower 10-10:30am with gusty west winds then falling temperatures with occasional brief showers mixed with sleet and snow. Light accumulations of snow this evening.
- 23: Flurries and light snow showers overnight with little accumulation. Mostly cloudy, breezy and cold.

- 24: Clear and chilly overnight low 21 F. Fair skies through most of the day becoming partly to mostly cloudy by mid-afternoon. Partly cloudy after sunset.
- 25: Clear and sunny most of the day with mid and high clouds moving in by late afternoon. Light steady rain developed around 9pm and became moderate towards midnight .23" fell.
- 26: Periods of rain overnight another .37" fell by 7am. Overcast with occasional light rain and patchy dense fog. A period of moderate to heavy rain this evening from 8-11:30pm with some thunder. Rain tapered off after 11:30pm with gusty west winds developing. A total of 1.38" rain fell today, which is the heaviest since August 21 (1.69").
- 27: Howling winds overnight with west winds gusting to 40 mph. Falling temperatures and light showers of rain and sleet early in the morning. Skies clearing by early afternoon but remaining windy and chilly. Skies became variably cloudy again after sunset.
- 28: Clear skies and calmer winds. Skies became partly to mostly cloudy by mid-afternoon.
- 29: Slight warming overnight with temperatures reaching the low 40s this morning before a front came through around 8am with brief light showers (not measurable), gusty winds and falling temperatures. Partial clearing by late morning with NW winds gusting to 35 mph.
- 30: Sunny with a few passing high clouds and some hazy skies. Became windy this evening.

MONTHLY SUMMARY

The warm, dry weather pattern that dominated through September and much of October broke to a much colder, wetter weather pattern in November with much more frequent frontal passages. This led to frequent temperature swings. The month's highs and lows were set only three days apart. Although temperatures were up and down like a yo-yo, there were no extremes. Overall, temperatures averaged slightly below normal.

Meanwhile, the wildly variable precipitation pattern of 2007 continued, as we returned to well above normal. In fact, more precipitation (5.19") fell in November than in September and October combined (4.36"). There were many days with precipitation. One stretch of the month, from the 9th-22nd, 14 consecutive days, had measurable precipitation. Heavy rains and storms on the evening of the 26th contributed to a rock slide that closed a major local road for several days.

Light snows brushed the area on several occasions, totaling 4 inches for the month. It was a windy month, but no particularly strong or damaging winds were noted. Fog occurred on 9 days, sleet on 4 days and thunder on 3 days, completing an active weather month.