

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

OCTOBER 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	55	45	45	0.01			
2	65	41	54	T			
3	69	51	57				F
4	74	54	60	0.29			T
5	60	47	47	0.24			
6	49	41	42	T			
7	52	38	46	T			
8	66	46	54				
9	71	46	53				F
10	66	46	58				F
11	59	56	56	0.14			
12	56	30	30	0.11			T
13	45	29	38				
14	44	36	36				
15	48	31	36				
16	54	30	47				
17	59	46	59	1.75			F
18	63	50	55	T			
19	72	54	54	0.50			
20	54	39	39	0.31			
21	49	37	41				F
22	57	40	40	0.03			F
23	40	30	30	0.12	T	T	S
24	34	29	32	0.21	1.5	2	S
25	39	31	34	T			
26	40	30	37				
27	44	36	41	0.25			
28	42	32	32	1.24	0.5		F,T,S
29	43	32	38	T	T	T	
30	63	34	54				
31	63	52	52	0.10			
AVG/SUM	54.7	40.0	45.1	5.30	2.0	0.1	<< Mean
EXT	74	29	-	1.75	1.5	2	
Date	4	24*	-	17	24	24	

*=Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 47.3 °F

Year precipitation to date: 41.08"

Season snowfall to date: 2.0"

Number of days with: Fog 7, Thunder 3, Sleet 3, Glaze 0, Hail 0, Damaging Wind 0

DETAILED OBSERVATION NOTES

- 1: Light shower just after midnight, .01" rain. Cloudy & cool this morning then partial clearing this afternoon with moderate breezes from the west.
 - 2: Clear and cool early then became cloudy and breezy with a few sprinkles around 7pm.
 - 3: Mostly clear with haze/light fog early then increasing clouds and mild, calm wind.
 - 4: Heavy overcast early, remaining cloudy with a few peaks of sun, mild high 74 F. Breezy, W wind gusting 20+ mph. Thunderstorms in the area this evening 6:30-9pm with moderate to brief heavy downpours between 7-8pm .29" rain fell.
 - 5: Cloudy and cool with occasional sprinkles. Periods of light to moderate rain 6pm-midnight .24" fell.
 - 6: Remained cloudy and cool then partial clearing during the afternoon with light N breezes. Became clear after sunset.
 - 7: Sunny and cool this morning then becoming cloudy during the afternoon with some light drizzle around 3:30pm.
 - 8: A sunny and pleasant fall day with light W winds and a high of 66 F.
 - 9: Dense fog early then sunny and mild high 71 F.
 - 10: Patchy dense fog early then sunny followed by increasing clouds especially the afternoon.
 - 11: Cloudy and breezy with steady temperatures in the upper 50s. Occasional rain began around noon, most of it light, .14" fell by late evening.
 - 12: A thundershower shortly after midnight dropped a quick .10" rain. Windy with falling temperatures and a brief late morning shower. Mostly cloudy skies becoming clear with diminishing winds during the evening.
 - 13: Clear, chilly low 29 F, sunny, cool and windy all day.
 - 14: Sunny and windy with WSW winds gusting to 40 mph at times. A period of mid-afternoon cloud cover but becoming clear again after 2:30pm.
 - 15: Chilly AM, clear/sunny all day with breezy conditions continuing.
 - 16: Chilly AM, mostly clear during the morning with clouds increasing and thickening during the afternoon. Continued breezy and somewhat cool.
- HEAVY RAIN
- 17: Light rain overnight, .15" by 7am. Windy and chilly with SSE winds gusting to 40 mph. Rain became moderate then heavy and steady all morning. A soaking 1.75" fell before the rain ended abruptly around 1pm. Remained overcast with temperatures gradually warming during the evening to a high of 59 F by midnight.
 - 18: A heavy overcast with occasional light drizzle through the day.
 - 19: Cloudy early, then partly cloudy, mild and breezy. Brief heavy shower @ 7pm followed by steady rain through the evening .50" fell by midnight.
 - 20: Occasional rain overnight. Became windy with falling temperatures, W/NW winds gusted 30+ mph. Light rain and drizzle ended by noon, some breaks of afternoon sun, a little more drizzle late this evening, day's total .31".
 - 21: Variable clouds with calmer winds today. Became clear during the evening with patchy dense fog late.
 - 22: Mostly cloudy and breezy with occasional sprinkles and a few brief showers.
- FIRST FLAKES OF SEASON
- 23: Overcast skies, cold and blustery with occasional showers of rain, snow and sleet turning to all snow during the evening. 0.12" precip and a light dusting of snow.
 - 24: Overnight snow showers measuring 1.5" by 7:45am. Continued cloudy, windy and blustery with temps only in the mid 30s and occasional spits of snow and sleet

throughout the day. Winter is here already!!!

- 25: Cloudy with occasional flurries, breezy and blustery.
- 26: Cloudy with calmer winds, partial clearing noon, cloudy again after 4pm.
- 27: Cloudy, breezy and chilly with light steady rain beginning around 4:45pm and continuing through midnight .25" fell.
- 28: Periods of rain overnight with some heavy downpours shortly before and after dawn. Rain tapered to occasional showers by 9pm. Very windy with slowly falling temperatures. Couple of snow squalls mixed with sleet @ 4pm and 7pm, both with thunder and west winds gusting to 40 mph. About 0.5" total snow/ice accumulation. Total precipitation today 1.24".
- 29: Partly cloudy in the morning with a few flurries, strong WNW winds gusting to 40 mph slowly diminished through the day with skies becoming mostly sunny.
- 30: Sunny and clear all day and much milder high 63 F with light west winds.
- 31: Mild overnight low 52 F, mostly cloudy and mild high 63 F, breezy with WSW winds gusting 20+ mph. Periods of light rain through the evening, .10" fell.

MONTHLY SUMMARY

October was another active weather month with well above normal precipitation. The vast majority of this precipitation (85%) fell from the 17th on. Winter made an early appearance for the second consecutive year, with snow showers on the 24th and thundersnow on the 28th. Several fronts brought strong winds and large temperature swings. Like September, below normal daytime highs were nearly offset by above normal nighttime lows, due to frequent cloud cover. Temperatures were therefore only slightly below normal. No extreme cold or heat was noted.