

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

MAY 2008

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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	63	38	51	0.04			
2	68	44	59	T			
3	74	55	47	0.38			
4	65	41	44				
5	66	38	52				
6	69	46	57				
7	75	52	61	T			
8	61	55	55	0.65			F
9	55	51	51	0.48			F
10	59	46	50	1.07			F
11	55	43	43	0.73			H
12	43	34	40	0.29	T	T	
13	62	37	42	0.02			F
14	62	46	51	0.11			
15	60	52	52	0.13			
16	52	43	43	0.78			F
17	62	43	49	0.33			F,T
18	55	40	40	0.39			F
19	50	36	44	0.08	T	T	S
20	47	39	42	0.63			F
21	56	41	44	0.14			
22	46	40	41	0.36			
23	56	38	45				
24	62	40	47				
25	69	40	54				
26	80	48	62	0.23			
27	69	55	55	0.03			
28	63	45	49				
29	69	42	57				
30	75	48	62				
31	71	59	59	0.65			T
AVG/SUM	61.9	44.4	50.0	7.52	T	T	<<-Mean
EXT	80	34	-	1.07	T	T	
Date	26	12	-	10	19*	19*	

*=Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 53.1 °F

Year precipitation to date: 26.21"

Season snowfall to date: 93.7"

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

DETAILED OBSERVATION NOTES

- 1: Light rain shower around 6am. Overcast skies with a few brief AM showers. Some partial clearing in the afternoon.
 - 2: Mostly overcast with some brief AM sprinkles. Skies then cleared during the afternoon.
 - 3: Partly sunny through the early PM hours and mild high 74 F. Clouds then built with a period of showers, some briefly heavy, from 2:30-5pm .38" fell. Partial clearing again by sunset.
 - 4: Mostly cloudy early, then clearing and breezy with WNW winds gusting to 25 mph, deep blue skies and bright sunshine.
 - 5: Sunny and pleasant with light & variable winds.
 - 6: Sunny and pleasant with a few scattered clouds and light winds.
 - 7: Clear skies early, with increasing clouds by midday. Heavy overcast by evening with a few sprinkles. SW winds increased to 20 mph with mild temperatures all evening.
- RAIN
- 8: Rain overnight with 0.50" by 8am and rain tapering off. Occasional light rain throughout the day with steady temperatures in the mid-upper 50s and light W winds. Patchy evening fog. Day's total rain 0.65 inches.
 - 9: More rain and fog overnight. Cool and overcast with rain tapering off by late morning. Another 0.48" fell. Heavy overcast and haze this evening.
- MORE RAIN
- 10: Heavy rain early this morning between 3-7am, gradually tapering to light rain and ending by 10am 1.07" fell. Skies cleared during the afternoon with NNW breezes and temperatures in the upper 50s.
- WIND - RAIN - HAIL
- 11: Becoming mostly cloudy and very windy with SE winds gusting 40+ mph by early afternoon. Brief downpour at 3:30pm with 1/4" to 3/8" diameter hail followed by a period of moderate to heavy rain from 4-7pm, then lighter rains through the rest of the evening. 0.73" fell by midnight.
- SNOW!?!
- 12: Occasional light rain and drizzle overnight. Rain began mixing with SNOW and actually changed to all snow for a brief time around 7:45am when the temperatures bottomed out at 34 F. No accumulations however due to warm ground. Precip tapered to occasional light rain showers the remainder of the day. Very chilly with a high of 43 F which was set at midnight. Although the last measurable snow was way back on March 22, it was quite a surprise to see such late season snowflakes!
 - 13: Some drizzle overnight. Dense fog early then becoming clear and sunny w/ light NW winds.
- SHOWERY
- 14: Partly cloudy early gradually becoming overcast. Light rain between 5:30-9pm .11" fell.
 - 15: Some overnight rain (another 0.13"). Mostly cloudy with near calm winds. Light drizzle developed by late evening.
 - 16: Overnight rain becoming heavy at times early this morning 0.65" fell by 8:45am. Occasional light rain and drizzle ending by 7pm .78" total fell. Cool with temperatures only in the mid 40s most of the day. Skies cleared around sunset with bright moon this evening.
 - 17: Variable clouds and breezy with a few showers beginning around 6pm and a thunderstorm with gusty W winds and brief heavy downpours between 8-8:30pm. 0.33" fell. Patchy dense fog late.
 - 18: A period of morning rain ending by 10am .24" fell. Mostly cloudy with a few PM sprinkles or brief shower. A heavier shower between 10-11pm brought the day's total to 0.39 inches.
 - 19: Some rain showers early this morning changing to sleet before ending around 7am. Breezy with skies variably cloudy during the afternoon. Winds diminishing by evening with fair skies.
 - 20: Became cloudy again overnight with rain beginning this morning around 6am and continuing steady and moderate at times through noon before tapering off .63" fell. Some partial evening clearing with continued cool temperatures.
 - 21: Variably cloudy and breezy with a midday shower from 1-2pm and a few more sprinkles .14" fell.

- Partial evening clearing with winds diminishing.
- 22: More rain and showers early this morning, ending by mid-morning with partial clearing and breezy again, also quite cool high only 46 F. Partly to mostly cloudy skies through the day.
- 23: Partly cloudy with occasional breezes from NW. Becoming mostly cloudy to overcast by evening.
- 24: Clear and cool this morning becoming partly to variably cloudy in the afternoon.
- 25: Clear and cool this morning. Sunny and brilliant all day with light SW winds.
- 26: Partly to mostly cloudy, hazy, warm and humid. Occasional gusty winds during the late morning and early afternoon. Cloudy by sunset with a moderate to heavy rain shower from 9-10pm dropping .23" of rain.
- 27: Fog and mist/drizzle overnight. Partly to variably cloudy skies throughout the day with a brief shower about 12:45pm. A lot of heavier showers/storms broke up and went north or south.
- 28: Mostly sunny and pleasant with light N winds, occasionally gusty.
- 29: Partly cloudy early becoming sunny with light W winds. Partly cloudy after sunset.
- 30: Variably cloudy, warmer and more humid. Clouds increasing and becoming thicker and darker around sunset.
- 31: Thunderstorms this morning beginning around 7:15 am and ending around 9:15 am. Some gusty W winds and heavy downpours at times .64" rain fell. Another brief passing late AM shower brought the total to 0.65". Variably cloudy and breezy throughout the rest of the day.

MONTHLY SUMMARY

May was noticeably wet and cool. At times it seems like the rain would never end. One stretch during the middle of the month (8th-22nd) had 15 consecutive days of measurable precipitation. There were some late season snowflakes on the 12th and sleet was observed as late as the 19th. These are unusually late dates to see winter precipitation, ironically in a season with an unusually early final measurable snowfall (March 22). Despite all of the precipitation events, added up to an impressive monthly total of 7.52 inches, only two days had thunder and neither of them were severe. Hail did fall once on the 11th with the passage of a strong cold front that intensified off the Mid-Atlantic Coast.

The weather this May was a far cry from last May in both the temperature and precipitation departments. Last May had an average max temperature of 70.7 F and mean temperature of 60.5 F. This May the average high was only 61.9 F with a mean temperature of only 53.1 F, several degrees below average. The pattern was generally cool, particularly in the middle of the month, with a few warm days thrown in early and late in the month. Obviously the 7.52" of precipitation was also a drastic change from last May, which was very dry and only yielded 1.30" rainfall.