

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

OCTOBER 2007

OBSERVERS NATE AND STEVE 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	68	48	59				
2	71	54	61				
3	74	55	61				
4	80	56	63				
5	76	60	60	0.30			F,T
6	81	58	64				
7	77	60	64				
8	81	62	67				F
9	80	59	59	0.07			F,T
10	63	48	48				
11	48	42	44	0.20			
12	50	44	45	0.02			
13	54	36	44				
14	57	40	45				
15	65	39	52				F
16	65	45	54	0.09			F
17	73	50	62				F
18	72	58	62				F
19	65	53	53	0.35			F
20	60	50	50				
21	71	45	52				
22	70	46	60	T			
23	61	55	55	0.41			
24	55	47	47	0.52			
25	52	47	49	0.03			
26	50	47	50	0.55			F
27	50	46	46	0.10			
28	46	38	38	0.01			
29	49	30	41				
30	54	33	39				
31	62	32	51				
AVG/SUM	63.9	47.8	53.1	2.65	0.0	-	
EXT	81	30	-	0.55	-	-	
Date	8*	29	-	26	-	-	

*=-Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 55.9 °F

Year precipitation to date: 44.75"

Season snowfall to date: 0.0"

Number of days with: Fog 9, Sleet 0, Glaze 0, Thunder 2, Hail 0, Damaging Wind 0

DETAILED OBSERVATION NOTES

- 1: Sunny and pleasant with light SW winds.
- 2: Variable cloudiness and mild with occasional breezes.
- 3: Clear and sunny with some increase in clouds and wind around sunset but clearing again around 9pm.
- 4: Sunny and warm high 80 F with near calm wind.
- 5: Brilliant red-orange sunrise with patchy valley fog then warm and more humid with calm wind and variable clouds. A very localized 15-minute heavy rain shower dropped .30" from 2:15 to 2:30pm. Thunder from another isolated storm to WSW at 6:30pm but no rain.
- 6: Mostly cloudy early, then mostly sunny and quite warm with a summer-like high of 81 F.
- 7: Variably to partly cloudy and warm with calm wind.
- 8: Mild overnight low 62 F with patchy fog. Another summer-like day with fair to partly cloudy skies, light W winds and an unseasonably warm high 81 F.
- 9: Fair, humid and warm again high 80 F. Occasional SW breezes to 20 mph. Clouds began building around 2:30pm. A line of severe storms was headed directly towards us from the west but did an immaculate split just before it arrived about 3pm and went north & south. Nearby areas got hammered but a mere .07" rain fell at this station despite two hours of almost non-stop thunder and some very threatening skies.
- 10: Fair early becoming variably to mostly cloudy, breezy and cooler high 63 F and the low slipping to 48 F by midnight.
- 11: Overcast skies with intermittent light rain & drizzle beginning pre-dawn and continuing all day .20" fell. Quite cool with temps in mid 40s & breezy at times.
- 12: Overcast with a period of drizzle. Variable clouds, breezy and cool during the day.
- 13: Clear & chilly overnight. Mostly sunny through the day and light-moderate W breezes. Increasing clouds after sunset.
- 14: Sunny to mostly sunny with a few passing clouds & light west breezes.
- 15: Clear and cool early with some fog. Sunny and pleasant with calm wind.
- 16: Clear early with increasing clouds during the afternoon. Hazy with light S winds. A period of mainly light rain from about 8-10pm .09" fell.
- 17: Dense fog early then partly to mostly sunny and mild.
- 18: Early fog then partly to mostly cloudy skies.
- 19: Cloudy with some early fog. Intermittent showers began around 8am and continued on and off all day. Brief heavy shower @ 5:15pm with gusty winds then breezy with partial clearing and falling temperatures. 0.35" rain fell.
- 20: Cloudy and breezy during the morning with partial clearing during the afternoon.
- 21: Sunny and beautiful with light SW winds and pleasant temperatures.
- 22: Sunny through mid-afternoon, then increasing clouds with light SW winds and a few sprinkles around 9:30pm.
- 23: Light rain began predawn and continued fairly steadily through mid-afternoon. Brief

heavy rain & wind around 3pm. Periods of mainly light rain continued through the afternoon & evening .41" fell by midnight.

- 24: More rain overnight .28" more by 7am. Overcast skies with light fog & drizzle and periods of rain ending around 3pm. Occasional drizzle and light rain through the evening .52" by midnight. We were right on the rain line with most of it to S & E.
- 25: Rain ended by 1am. Overcast with light E winds and some weak sun by 11am.
- 26: Some overnight light rain. Low clouds and fog with light to moderate steady rain developing around midday and continuing through 5:30pm .55" fell. Remained cloudy through midnight.
- 27: A few showers overnight .07" fell. Nearly all clouds today with temperatures hovering around 50 F and slowly dropping during the evening with more drizzle at times.
- 28: Drizzle ended overnight. Partly cloudy, cool and windy this morning. Variable clouds and breezy through the day. Became clear with subsiding winds by late evening.
- 29: Chilly overnight low 30 F with frost, first sub-freezing night of the season. Light WNW winds & sunny skies through the day.
- 30: Sunny and pleasant with light & variable winds.
- 31: Clear and chilly with patchy AM frost. Sunny and milder with light SW winds.

MONTHLY SUMMARY

October was one of the warmest, if not the warmest, on record. The average temperature of 55.9 F was warmer than May of last year, which had an average of 55.8 F and was close to normal. The mean max of 63.9 F was warmer than last September's average of 62.6, and the mean min of 47.8 was 5.4 F warmer than this April's overall mean temp of 42.4 F. Indeed, summer seemed to hang on, especially the first 9 days, which had 4 days 80 or higher. Temperatures remained above normal nearly all month. Meanwhile, the dry pattern continued much of the month, until some beneficial rains arrived around the 23rd. Precipitation was still slightly below normal. Like Octobers 2003 and 2005, very heavy rains tracked just east of the area. Unlike the last 2 Octobers, no snow fell. The first sub-freezing morning didn't occur until the 29th, which is one of the latest first freezes on record.