

MONTHLY WEATHER DATA AND OBS - WESTMONT 1.1W PA

SEPTEMBER 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	70	55	58				
2	74	55	63				
3	77	61	64				F
4	75	60	65				
5	79	60	65				F
6	82	62	69				F
7	82	66	71				
8	86	68	70	T			
9	77	68	70	0.05			F
10	73	66	66	0.04			F
11	66	56	56	0.83			F,T
12	64	52	54				
13	68	47	59				
14	66	56	56	0.13			
15	56	45	45	0.04			
16	57	38	49				F, patchy frost
17	64	42	52				
18	72	45	54				
19	72	49	57				
20	71	50	60				F
21	74	57	65				F
22	78	62	62				
23	71	53	55				F
24	77	50	59				
25	84	56	72				F
26	79	64	65				
27	72	59	59	0.54			F,T
28	62	52	55	0.08			
29	62	49	49				
30	66	42	48				
AVG/SUM	71.9	54.8	59.7	1.71	0.0	-	
EXT	86	38	-	0.83	-	-	
Date	8	16	-	11	-	-	

*=-Also occurred on earlier dates

Miscellaneous Stats

Mean Monthly Temperature: 63.4 °F

Year precipitation to date: 42.10"

Season snowfall to date: 0.0"

Number of days with: Fog 12, Sleet 0, Glaze 0, Thunder 2, Hail 0, Damaging Wind 0

DETAILED OBSERVATION NOTES

FAIR AND DRY

- 1: A few passing clouds but otherwise sunny and pleasant with near calm winds.
- 2: Clear to mostly sunny with near calm winds. Pleasant temperatures again.
- 3: Early AM fog lifting by 8:30am. Became sunny again and slightly warmer with light breezes.
- 4: Sunny and clear all day with pleasant temperatures and light winds.
- 5: Early fog lifted by 8:30am. Mostly sunny with a few intervals of clouds late morning and increasing after 4pm.

WARM/HUMID

- 6: Fair skies but patchy dense fog early. Became sunny, hazy and warm.
- 7: Partly to mostly sunny, warm and humid with calm winds.
- 8: Mostly sunny, very warm and humid high 86 F. "Heat" lightning from strong storms to SE and more rain and storms were missing us to the N & W. Still fair and 70° at midnight.
- 9: Mostly cloudy and humid. A few sprinkles and light showers mainly around sunset .05" rain fell with light fog developing after dark.
- 10: A light shower overnight dropped .04" and foggy. Overcast much of the day with some partial clearing during the mid to late afternoon. Clouds increasing again after sunset.

RAIN/STORMS THEN COOLER

- 11: Overnight thunderstorm between 4:30-5:15am with heavy rain and some VERY close and explosive lightning strikes some directly overhead. Light fog with occasional light rain this morning then a period of heavier rain and thunder around midday. Rain ended by 1pm a total of .83" fell. Variably cloudy, breezy and cooler with decreasing evening humidity.
- 12: Mostly sunny, breezy and cooler high only 64 F today.
- 13: Sunny with a few high clouds and light breezes, very pleasant late summer/early fall day.
- 14: Cloudy almost all day with a couple of brief hard showers from 3:15 to 3:45pm and a couple more brief showers around 5:30pm .13" fell.
- 15: Gusty winds overnight with a few light showers another .04" fell. Variable clouds, breezy and cool high only 56 F.
- 16: A chilly overnight low 38 F with fog and patchy frost in some areas (not at this station). Sunny and cool high 57 F.
- 17: Clear and cool early. Sunny, slightly warmer and becoming breezy.
- 18: Sunny and clear with light SW breezes.
- 19: Sunny with light variable winds.
- 20: Patchy dense fog early. Partly to mostly sunny the rest of the day with calm wind.
- 21: Early fog again. Partly cloudy becoming mostly sunny by late morning with light wind.
- 22: Partly cloudy early, becoming mostly sunny with slight wind increase. Becoming mostly cloudy by 5pm, then clearing again after sunset. Warm high 78 F.
- 23: Some early morning clouds and fog then sunny and pleasant.
- 24: Sunny and warm with light & variable winds.
- 25: Patchy valley fog early. Very warm high 84 F with clear/hazy skies and a few passing clouds, light SW winds.
- 26: Warm and partly cloudy with clouds gradually increasing through the day. Overcast during the evening but no rain.
- 27: Overnight thunderstorms between 1-4am dropped .44" rain. Dense early fog, then partly to mostly cloudy. Another brief thundershower around 4:15pm with gusty SW winds over 20 mph and another .10" rain.
- 28: A few shower overnight .08" fell. Variably to mostly cloudy skies and windy with NW gusts 25+ mph. Cooler high 62 F.
- 29: Sunny and pleasant with light NW winds.
- 30: Sunny with a few clouds forming by mid-afternoon followed by a brief period of gusty winds.

MONTHLY SUMMARY

Although it was not a record-setting month, September was exceptionally warm and dry. Only a couple of weather systems on the 11th and 27th produced significant rainfall and the month's only two thunder days. Persistent high pressure led to many warm, sunny days. Temperatures were generally above normal from start to finish, with brief cool-downs at mid-month and again at month's end. Ironically, this warm month had one of the earlier season's first frosts.

Although none was observed at this station, there was patchy frost in the area on the 16th. Otherwise, the weather was very quiet and uneventful. September 2005 was still a good bit warmer and drier, with a mean temperature of 65.1 F (this year 63.4 F) and rainfall of 1.11" (this year 1.71").