

MONTHLY WEATHER OBSERVATIONS - JOHNSTOWN PA

AUGUST 2005

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		Liquid	Solid	7am	
	Max	Min	Rain	Snow/ Ice	Snow Depth	
1	87	64				F
2	85	66				F
3	86	63				
4	90	66				
5	74	67	T			
6	74	62				
7	81	64				T
8	70	64	2.78			F,T
9	78	65				F
10	85	63				F,T
11	82	67	0.01			
12	85	64				
13	90	72				
14	84	69	T			
15	76	66				
16	68	66	0.43			F
17	77	59				F
18	79	57				
19	76	65	0.03			
20	85	67	0.08			T
21	78	68	T			
22	73	59				
23	72	52				
24	74	52				
25	77	53				
26	75	62	0.15			
27	64	60	0.30			
28	78	62	0.47			F
29	71	59	0.18			F
30	76	66	0.18			F
31	73	65	0.25			

AVG/SUM	78.2	63.0	4.86	0.0	-	
EXT	90	52	2.78	-	-	
Date	13*	24*	8	-	-	

*-=Also occurred on earlier dates

Miscellaneous Stats:

Mean Monthly Temperature: 70.6 °F

Year precipitation to date: 29.68"

Season snowfall to date: 0.0"

Number of days with: Fog 10, Sleet 0, Glaze 0, Thunder 4, Hail 0, Damaging Wind 0

NOTES AND/OR SIGNIFICANT EVENTS:

- 1: Dense AM fog then sunny and hot with a few late afternoon and evening clouds.
 - 2: Light AM fog then mostly to variably cloudy and very warm.
 - 3: Very warm with sunny skies.
 - 4: Hazy, hot and humid high 90 F hottest day of the year so far. Clear becoming variably cloudy by midday.
 - 5: Mostly cloudy and not as warm. Only a few sprinkles as rain broke up and went around as usual.
 - 6: Fair skies with pleasant temperatures and light west winds.
 - 7: Variably cloudy. Big storms blew up all around this station especially to the south and east with the east end of town receiving rain but not a drop fell on this station.
- INTENSE STORMS - TORRENTIAL DOWNPOURS - DEADLY LIGHTNING
- 8: Strong storm around 4am then more strong storms 7am-noon. The most intense storms were between 7-9am with torrential downpours and extremely wicked, explosive and almost continuous lightning and thunder. Around 7:15am one of the strikes was incredibly close and ear-shattering and struck a large spruce tree within 40 feet of the house. A large slab of bark was blown off, some of it blown out onto the yard. Several electronic appliances in the house were fried. Lightning also struck four motorcyclists in the county killing one of them and struck a barn burning it to the ground. A total of 2.78" rain fell which is the heaviest of 2005. Some flash flooding reported with some areas getting 5+ inches of rain. Dense fog much of the day and cooler temperatures.
 - 9: AM fog then mostly sunny and pleasant.
 - 10: AM fog then sunny, hazy and humid. Very warm. Passing storm to the north 7-7:30pm but no rain.
 - 11: Variable clouds, warm and humid. Brief shower about 2pm (.01").
 - 12: Fair and hazy with increasing afternoon clouds.
 - 13: Mostly sunny. Hazy, hot and humid with a high of 90 F.
 - 14: Partly to mostly sunny with a few sprinkles around 1pm but only a trace.
 - 15: Mostly cloudy and somewhat cooler with little wind.
 - 16: Steady light to moderate rain 6-11am then light drizzle/mist through 5pm .43" fell. Cool with steady temperatures around 67 all day and foggy. Light NE winds. Partial clearing by sunset.
 - 17: Cooler overnight low 59 F with dense AM fog then sunny and very pleasant with low humidity.
 - 18: Another comfortably cool night with clear skies. Sunny AM with increasing clouds during the PM hours with light S breezes.
 - 19: A few light showers overnight with light drizzle this morning .03" fell. Remained cloudy with a few peaks of sun and light breezes from the SSW.
 - 20: Mostly sunny and warm. Thunderstorms in the area 7-10pm with threatening skies, mammatus clouds, gusty winds and frequent lightning but no direct hits. Only .08" rain fell.
 - 21: Mostly cloudy and mild overnight then partly cloudy, breezy and slightly cooler today, pleasant.
 - 22: A little cooler overnight. Partly cloudy skies and pleasant temperatures, light WNW breezes.
 - 23: Cool overnight low 52 F. Mostly sunny and pleasant. Light W winds.
 - 24: Cool overnight low 52 F. Sunny and pleasant with a few Cumulus clouds. Little to no wind.
 - 25: Increasing high cloud cover through the day and somewhat warmer. Light S wind.
 - 26: Mostly cloudy, light S to SW breezes. Rain showers 5-11pm mostly light .15" fell.
 - 27: Couple showers overnight. Low clouds, patchy fog, drizzle and occasional light rain through the day. Cool high only 64 F. More showers just before midnight .30" fell by then.
 - 28: Moderate to heavy rain midnight-2am another .47" fell. AM fog with a few sprinkles then became partly cloudy and warmer with little wind. Last night's rain pushed the month's total to 4.25" making this the first month with above normal rainfall (normal for August is 4.10") since March.
 - 29: Cloudy. Cool this morning gradually becoming warmer. Light rain 5-8pm and a very brief downpour about 8:30pm .18" fell. Patchy dense fog this evening.
 - 30: AM fog and occasional drizzle. Showers this evening 5-7pm .18" fell. Became breezy and slightly milder during the late evening.
 - 31: Very brief shower just after midnight. Light rain and drizzle through much of the day with

strong breezes shifting to the NW and turning somewhat cooler. Very brief shower just before midnight. Another .25" rain fell today.

SUMMARY:

August was the first month with above normal precipitation since March. Of course, had Katrina tracked slightly south or east, the area could have had a lot more rain. Much of the month was typical of Summer 2005: Hot, humid and dry. Temperatures were above normal the first half and a bit more seasonal the second. The highlight of the month was a ferocious thunderstorm that jolted the neighborhood awake early on the 8th with a spectacular display of lightning and very heavy downpours.