

MONTHLY WEATHER OBSERVATIONS - JOHNSTOWN PA

JULY 2005

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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		Liquid Rain Equiv	Solid Snow/ Ice	7am Snow Depth	
	Max	Min				
1	79	63				T
2	75	58				
3	75	57				
4	80	63	T			
5	79	67	0.04			T
6	79	64	T			F
7	77	61				F,T
8	74	64	0.58			F,T
9	77	57				F
10	80	57				
11	82	61				
12	83	64				
13	83	70	0.04			T
14	79	70				
15	83	70				
16	78	70	0.46			T
17	80	70	0.40			F,T
18	80	71	0.21			F,T
19	81	71	0.12			
20	82	66				F
21	78	65	0.01			F
22	78	65	T			F
23	80	62				
24	77	58				
25	83	67	0.31			F,T
26	86	65	0.02			T
27	83	66	0.01			T
28	79	60				F
29	81	62				F
30	82	62				F
31	82	65	0.02			F,T
AVG/SUM	79.8	64.2	2.22	0.0	-	
EXT	86	57	0.58	-	-	
Date	26	10*	8	-	-	

*=Also occurred on earlier dates

Miscellaneous Stats:

Mean Monthly Temperature: 72.0 °F

Year precipitation to date: 24.82"

Season snowfall to date: 0.0"

Number of days with: Fog 14, Sleet 0, Glaze 0, Thunder 12, Hail 0, Damaging Wind 0

NOTES AND/OR SIGNIFICANT EVENTS:

- 1: Mostly sunny. A surprisingly nice day considering the forecast for heavy rain & severe storms. Some thunder to the N around sunset and moderate wind gusts but no rain.
- 2-3: Partly cloudy with pleasant temperatures and light breezes.
- 4: Partly cloudy, warmer and more humid. Brief light shower about 4:15pm, trace.
- 5: Overcast early with light rain and drizzle 7-9am, only a trace. Became partly cloudy. Big line of storms did the usual split and went N & S of Johnstown this evening between 6-7pm. Some thunder and heavy clouds with wind gusts to 25mph but only .04" rain.
- 6: AM patchy fog, mist and light drizzle. Variable clouds with a few sprinkles this evening.
- 7: AM patchy fog. Mostly cloudy with occasional peaks of hazy sunshine. Heavy clouds this evening with thunder to N & W between 6-8pm. Very heavy rain fell just to the north while Cindy's remnants skirted just to the S & E. Not a drop of rain fell at this station, unbelievable...
- 8: Light rain midnight-3am from Cindy only about .15" fell with most of the rain passing S & E. Couple brief showers about 7am and 2pm and a thunderstorm 6-7pm brought the total to .58". Clear skies but foggy late this evening.
- 9: Early AM fog then mostly sunny with low humidities, light breezes, high 77 F, very pleasant day.
- 10: Sunny and warm high 80 F with low humidity and very light wind.
- 11: Fair skies, slightly warmer and more humid with calm wind and partial cirrus cover.
- 12: Very similar to yesterday with high cloud cover. Some nice halos seen through cirrus and contrails this AM.
- 13: Mild overnight low 70 F. Very hazy, warm and humid. Big storms did the familiar trick of splitting and circling around this station. Thunder was observed for five consecutive hours noon-5pm as areas just to the north & south were getting hammered. A meager .04" fell here.
- 14: Heavy overcast most of the day with some evening breezes. Rain threatened but broke up as usual.
- 15: Partly cloudy, warm and breezy. Again no rain despite 70% forecast.
- 16: 4th consecutive morning low of 70 F. Mostly cloudy, warm and humid. Showers & storms in the area all afternoon noon-5pm with a few heavy downpours mostly between 12-1:30pm .46" fell. Very heavy rain fell just to the S & E with 1 to 3 inches and some flooding reported.
- 17: Couple of brief downpours around 12:30am with one clap of thunder. Fog developed overnight. Once again a mild low of 70 F. Variable clouds with a couple of brief heavy showers @ 1pm & 5:30pm and thunderstorms just to the S & E again .40" rain fell here.
- 18: Mostly cloudy, hazy, warm & humid. Thundershower about 1pm dropped a quick .21" of rain.
- 19: Another warm overnight low 71 F. Cloudy with a few AM showers .12" fell. Partial clearing this afternoon and still warm and humid with a few sprinkles around 6:30pm.
- 20: AM fog then mostly sunny. Felt cooler even though it was actually cooler due to lower humidity.
- 21: Mostly cloudy, more humid. Very brief shower (.01") about 1pm. Heavy rain just passed by to the north. Breezy at times with winds shifting from SW to NW.
- 22: Mostly cloudy, humid. Few sprinkles around 10pm then clearing and breezy.
- 23: A bit cooler overnight and breezy. Sunny with pleasant temps and low humidities.
- 24: Partial high cloudiness all day with light breezes and increasing humidity.
- 25: Thunderstorm 3:30-4am with frequent lightning and a brief heavy downpour .31" fell most of it in only 5 minutes. Became breezy with haze & fog by sunrise. Mostly cloudy, warm and humid. Severe storms pass just S & W between 4-7pm with mammatus clouds and gusty winds but no rain.
- 26: Partly cloudy, very warm and humid. The bizarre weather pattern of Summer '05 continues this evening as a cluster of severe storms moved this way for 100s of miles across OH and PA then fell apart right as it moved in. Ominous skies, wind gusts to 30 mph but only .01" rain and distant thunder. More lightning & thunder late this evening but only got another .01".
- 27: Very mild, muggy and breezy overnight with temps in the mid 70s. Warm, humid and breezy. Yet again showers and storms broke up and went all around this station with only .01". Cold front came through about 3pm bringing cooler temps, NW breezes and lower humidity. Remained overcast.

28: Cooler overnight low 60 F. Early patchy fog and low clouds then mostly sunny with pleasant temps and low humidity. Very nice day.
29: Early patchy fog then partly cloudy and pleasant.
30: Light AM fog then partly cloudy with increasing humidity.
31: Early light fog again then partly cloudy with a brief PM shower. Heavy thunderstorms to the south & east just missed this station.

SUMMARY:

Despite 12 days with thunderstorms and two tropical systems that affected the area, July was very dry with less than 50% normal rainfall. Many nearby surrounding areas were hammered on multiple occasions with heavy rain and strong storms. It was also a very warm and humid month with above normal temperatures. There was a lack of extremes but it was consistently warm with unusually mild overnight lows. High dewpoints contributed to the high number of days (14) with fog.