

Remnants of Hurricanes and Tropical Storms that have brought Rainfall to the Region

This is a summary of recorded hurricanes or tropical storms which have brought rainfall to Western Pennsylvania since 1876.

The remnants of 58 recorded storms have hit the area. 15 of these storms produced record 24 hour rainfall in Pittsburgh.

The other 43 did not produce 24 hour records, however some did provide plenty of rain for the area. Prior to 1950, hurricanes and tropical storms were not given names, only numbers.

Remnants which produced 24 hour record rainfall for Pittsburgh

(**Rank** - where the precipitation from the storm ranks in the list of the "greatest daily precipitation on record" for Pittsburgh)

(**Cat** - the category the storms had at landfall on the Saffir-Simpson Scale.)

DATE	DAY(S)	NAME	CAT	PRECIP	Rank
1878	Sep 11-13	Hurricane #5	1	3.24(24hr)	6th
				4.48(total)	
1885	Oct 12-14	TS #8		1.22(24hr)	
				2.21(total)	
1888	Aug 21-22	Hurricane #3	2	3.57(24hr)	4th
				3.65(total)	
1899	Oct 31-Nov 1	Hurricane #6	2	1.22(24hr)	
				1.68(total)	
1915	Oct 1	Hurricane #5	4	1.50	
1929	Oct 2-4	Hurricane #2	4	3.22(24hr)	
				3.37(total)	
1945	Sep 13-14	Hurricane #9	4	1.28(24hr)	
				1.77(total)	
1954	Oct 15-17	Hazel	4	3.56(24hr)	5th
				3.75(total)	
1959	Sep 30-Oct 1	Gracie	4	1.18(24hr)	
				1.21(total)	
1996	Sep 6-7	Fran	3	1.52(24hr)	
				1.69(total)	
2004	Sep 8-9	Frances	3	3.60(24hr)	3rd
				3.83(total)	
2004	17-Sep	Ivan	5	5.95	1st
2012	Oct 29-Nov 2	Sandy	3	1.72(24hr)	
				3.23(total)	
2018	Sep 7-10	TS Gordon		3.73(24hr)	2nd
				5.64(total)	

Remnants which provided rainfall for Western Pennsylvania but did not break daily precipitation records.

(Precip - total for the storm

/Cat - the category the storms had at landfall on the Saffir-Simpson Scale.)

Precipitation records were not available for some of the storms from the late 1800's and early 1900's.

DATE	DAYS	NAME	CAT	PRECIP
1876	Sep 16-18	Hurricane #2	1	4.69
1883	Sep 13-14	Hurricane #3	3	0.38
1892	Sep 13-14	TS #4		0.35
1893	Aug 28-29	Hurricane #6	3	2.23
1893	Oct 13-15	Hurricane #9	3	1.39
1893	Oct 23	TS #11		0.01
1896	Jul 9	Hurricane #1	2	0.54
1896	Sep 29-30	Hurricane #4	3	1.79
1901	Sep 28-29	TS #8		0.65
1903	Sep 16-17	Hurricane #4	2	0.05
1915	Jul 1-3	TS #1		1.06
1923	Oct 23-24	TS #4		0.65
1928	Aug 17-18	Hurricane #2	1	0.27
1928	Sep 19-20	Hurricane #4	5	0.88
1933	Aug 23-24	Hurricane #8	3	0.19
1934	Jun 18	Hurricane #2	1	1.56
1939	Aug 17-20	Hurricane #2	1	0.33
1949	Aug 28-29	Hurricane #2	4	0.56
1952	Sep 1-2	Able	2	0.10
1955	Aug 13-14	Connie	4	1.93
1957	Jun 28-30	Audrey	4	1.30
1965	Sep 11-13	Betsy	4	1.82
1968	Jun 24-17	TS Candy		1.52
1972	Jun 20-25	Agnes	1	2.60
1979	Jul 9-10	Bob	1	0.39
1979	Jul 28-29	TS Claudette		0.77
1979	Sep 5-6	David	5	0.10
1979	Sep 13-14	Fredric	4	0.53
1988	Aug 28-29	TS Chris		0.74
1989	Sep 22-23	Hugo	5	1.49 (t) snow
1992	Sep 25-27	TS Danielle		0.29
1994	Aug 18-19	TS Beryl		0.34
1995	Aug 4-5	Erin	1	1.14
1995	Oct 3-6	Opal	4	1.42
1999	Sep 7	Dennis	2	0.33
2000	Sep 20-21	Gordone	1	0.39
2002	Sep 26-27	Isidore	3	2.29
2003	Sep 18-19	Isabel	2	1.24
2004	Sep 28	Jeanne	3	0.28
2005	Sep30-Oct1	Katrina	5	1.93
2006	Sep 1-2	Ernesto	1	0.57
2008	Aug 27-29	TS Fay		0.92
2017	Oct 8-9	Nate	1	0.97
2018	Sep 17-18	Florence	2	0.91
2020	May 28-29	TS Bertha		0.61

Some interesting facts found in these lists:	
-Only 6 hurricanes which reached Category 5 have affected Western Pennsylvania.	(1928-Hurricane #5, 1979-David, 1989-Hugo, 2004 Ivan, 2005 Katrina)
-11 Category 4 hurricanes have affected the region (the most on the list).	
-Hurricane Hugo was partially responsible for the earliest snowfall ever recorded.	Sep 23, 1989 - trace of snow.
-1893 saw the remnants of 3 storms hit the area, 2 within a week.	
-1979 saw the remnants of 4 storms hit the area, 2 in less than a weeks time.	
2004 saw the remnants of 2 storms hit within 10 days both caused record rainfall	
2018 saw the remnants of 2 storms hit with 6 days of each other providing record rainfall	
-Western Pennsylvania, on average, experiences rainfall from the remnants of a hurricane or tropical storm twice every 5 years.	