



ACON MARYLAND / DELAWARE CHAPTER



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FRAN'S REMNANTS BRINGS HEAVY RAIN AND FLOODS

The remnants of Hurricane Fran which came ashore near Wilmington North Carolina the night of the 5th moved rapidly north-northwest thur central Virginia and central West Virginia on the 6th. Strong winds covered most of the area caused

flooding on the western shore of the Chesapeake and along the Potomac into the Washington DC area. Heavy rains fell from the Washington DC westward into western Maryland. This caused the second major flood along the Potomac this year. The previous one was caused by heavy rain and rapidly melting snow in January. Jim Vaughn of Smithburg recorded the greatest daily total of 5.02". Rebecca Harvey of Eagle Rock recorded the greatest two day total of 5.68". In addition to the above over three inches of rain was recorded on the 6th by the following observers:

- 3.97"- Stan Rossen- Glenmont
- 3.64"- Wash Gas Light Rockville
- 3.62"- NWS at Dulles Airport
- 3.35"- Stan Rossen -Mont College
- 3.21"-Greg Keefer of Hagerstown

The heavy rains continued for the balance of the month at many stations. The following observers recorded over 10" of rain:

- 11.20" by Jim Vaughn of Smithburg
- 10.91" by Stan Rossen of Glenmont 1NNE
- 10.81" by Wash Gas Light in Rockville 1NE
- 10.76" by Rebecca Harvey of Eagle Rock
- 10.63" by Stan Rossen at Mont College
- 10.54" by Greg Keefer of Hagerstown 1E

In Northern Delaware the dry spell which began on August 17 continued thur the 15th of September. During that period Gary Gallaher of Bear 6WSW recorded 0.55" and the NWS at Wilmington recorded 0.66". Yards started to turn brown for the first time this year. Above normal precipitation during the balance of the month brought the green back rapidly.

Temperatures this month were above normal the first half and below normal the second half. Overall the month averaged out close to normal. 90 degree temperatures were again sparse this month. Fifteen out of 33 observers recorded 90 plus temperatures this month.

A small F1 tornado touched down in northern Carroll County at Silver Run on the 28th. It left a path 1 to 1.5 miles long as it moved SW to NE. It damaged a barn and some sheds along with tree damage. It also blew out some

windows in an old farm house. This information was provided by Herb Close on Manchester 1S.

MONTHLY EXTREMES

MAX. TEMPERATURE
93 JUG BAY WETLANDS
93 BALTIMORE 2 SE

MIN. TEMPERATURE
40 FINKSBURG
40 EAGLE ROCK

WARMEST AVG TEMPERATURE
72.5 BALTIMORE 2 SE

COOLEST AVG. TEMPERATURE
61.6 EAGLE ROCK

MAXIMUM PRECIPITATION
11.20 SMITHBURG

MINIMUM PRECIPITATION
4.06 WILM NWS ASOS
4.15 BEAR 6 WSW

Don't forget the ACON deadline is the 15th of the following month.

**FOR INFORMATION ABOUT OUR ORGANIZATION CONTACT:
KEVIN SHAW, MD / DE COORDINATOR
21 GOODPORT LANE
GAITHERSBURG, MD 20878-1058**

SEPTEMBER 1996

Observer Monthly Highlights

Marty Brumback of Odenton

Reports that his new obs time for temperature is now 2000. He has taken down his anemometer in preparation of selling his home. Before he took it down he recorded a peak wind gust of 36 MPH when Fran moved thru on the 6th.

Dan Hanson of Baltimore 4 SW

Near average temperature and much above average precipitation characterized the month. The year to date precipitation is approaching 50" which is nearly 20" above normal.

Joe Manfre of Baltimore 2 SE

Cooler than normal in temperatures and again wetter than normal for a September in Baltimore City.

Herb Close of Manchester 1S

Near normal temperatures. A warm start and a cool finish. Precip. above normal. F1 tornado 7 miles west on the 28th in Silver Run.

Ray Muller of Finksburg

Very wet month with well above normal precipitation. Remnants of Fran produced 2.26" of rain on the 6th. Winds gusts to 40MPH with pressure down to 29.71" on the 6th.

Rebecca Harvey of Eagle Rock

Remnants of Fran dropped 5.68" of rain on the 5th and 6th. Another very wet month with over 10 inches of rainfall.

Paul Schlosser of Kingsville 1S

8th- Large mostly stationary t-storm just to the south - watched it sit for 2 hours - slowly moved north with hail and heavy rain.

Rob Cohen of Potomac 4N

11th - very heavy rain- most of the 3.35" fell between 7AM and 10AM.

Stan Rossen of Glenmont 1NNE

3.97" of rain from Fran on the 6th the second greatest daily September reading and the stations third greatest daily reading in 20 years of observing.

record behind 12.04" which fell in September 1979. It also was the third wettest month on record behind Sept '79 and May '89 (10.93"). For the fourth time this month (so far) on the 16th another 1" plus of rain fell. This time it was in association with a low pressure system and the remnants of Pacific Hurricane Fausto.

Kevin Shaw of Gaithersburg 2WNW

This September (8.93") was the third wettest September ever. It ranks behind 1979 (9.58") and 1987 (9.50"). All of these months were wet due in large part to tropical storm systems.

Jeff Taylor of Germantown 1.5SW

6th - First 70 degree min temperature since 7/28 occurred with the passage of Fran. The century's final lunar eclipse was obscured by clouds on the 27th.

Gary Gallaher of Bear 6WSW, DE

Warm dry first half of the month. Yards were turning brown from the lack of rainfall. The second half of the month brought above normal rainfall and

cooler than normal temperatures.

Greg Keefer of Hagerstown 1E

On the 6th the remnants of Hurricane Fran dropped 3.20" of rain which caused street, creek, and steam flooding. With this rain an all-time annual rainfall record was broken. The old yearly record was 52.86" set in 1975. At months end the yearly total stands at 60.56". This was also the wettest September on record. 10.54" fell breaking the old record of 10.09" set in 1975. On the 8th area rivers created which caused severe flooding close to the levels of this past January.

WELCOME JIM
VAUGHN OF
SMITHBURG. JIM
WORKS AT THE
NATIONAL
AIRPORT
WEATHER OFFICE

HERB CLOSE WILL BE HAVING HIS ANNUAL GATHERING ON SATURDAY DECEMBER 14 AT HIS HOME IN MANCHESTER. PLEASE PLAN TO ATTEND THIS GREAT ANNUAL EVENT. DETAILS IN KEVIN'S LETTER.