National Weather Service
Storm Data and Unusual Weather Phenomena

November 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm

DISTRICT OF COLUMBIA

NONE REPORTED.

MARYLAND, Central

Frederick County
Walkersville 02 0930EST 0 0 15K **Gusty Wind**

Howard County
Long Corner 02 0945EST 0 0 1K **Gusty Wind**

A line of showers associated with a cold front produced gusty winds in excess of 30 mph across portions of north central Maryland during the morning of the 2nd. Just south of Mt Airy, one large, healthy tree was blown down, just missing a nearby home.

In Walkersville (Frederick Co), a deteriorating, aging silo on a local farm began tipping over the previous night, and winds on the 2nd brought it down.

Washington County
Countywide 07 1200EST 0 0 5K **Flood**
08 0000EST

Allegany County
Countywide 07 1400EST 0 0 **Flood**
2000EST

Frederick County
Countywide 07 1900EST 0 0 **Flood**
08 0200EST

Carroll County
West Portion 07 2130EST 0 0 **Flood**
08 0100EST

Slowly developing low pressure off the southeast U.S. coast generated a prolonged period of moderate to heavy rains over much of western and northern Maryland for most of the day. Rainfall averaging 2 to 4 inches, with localized totals between 4 and 6 inches at higher elevations, caused minor flooding of creeks and small streams. Dozens of secondary roads were closed in the area, most due to swollen creeks but a few others from high standing water.

Most of the closed roads were concentrated in Washington and Frederick Cos, areas which had the longest duration of rainfall well into the evening. Several basements reported flooded in the Hagerstown area. Included in the road closures was a portion of state route 68 just north of Williamsport (MDZ003).

Rain tapered off during the early evening in Allegany co, and towards midnight elsewhere. From the overnight hours through the following evening, larger creeks remained in flood; namely the Conocochegue Creek in Washington Co.

MDZ002 **Allegany**
13 1800EST 0 0 4K **Winter Weather**
14 1200EST

Persistent light mixed precipitation created icing problems on some roads and many bridges across western Allegany Co from the evening of the 13th through the morning of the 14th. Most of the precipitation fell in the form of freezing rain and a few limbs and power lines were felled by the accumulating ice from Frostburg through Shaft. Light freezing rain and drizzle fell across the remainder of the northern tier of Maryland, but only a thin glaze was noted on trees and wires. Ground temperatures remained well above freezing.

VIRGINIA, North

Prince William County
Haymarket 02 0930EST 0 0 5K **Wet Microburst**

Fairfax (C)
Fairfax 02 0945EST 0 0 10K **Wet Microburst**

A line of showers associated with a cold front produced gusty winds in excess of 30 mph in portions of northern Virginia during the morning of the 2nd. Some of these winds may have exceeded 58 mph, producing spotty damage. In Haymarket, a few trees and wires were blown down. Farther east, in Fairfax City, damage [pictures soon] was observed.

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VIRGINIA, North

Shenandoah County
Countywide 07 0900EST 1900EST 0 0 Flood

Clarke County
Countywide 07 1200EST 1800EST 0 0 Flood

Fauquier County
Countywide 07 1200EST 1800EST 0 0 Flood

Frederick County
Countywide 07 1200EST 1800EST 0 0 5K Flood

Page County
Countywide 07 1200EST 1800EST 0 0 Flood

Rappahannock County
Countywide 07 1200EST 1900EST 0 0 Flood

Warren County
Countywide 07 1200EST 1900EST 0 0 Flood

Culpeper County
Countywide 07 1300EST 1900EST 0 0 5K Flood

Orange County
West Portion 07 1300EST 1900EST 0 0 Flood

Loudoun County
West Portion 07 1400EST 1800EST 0 0 Flood

Slowly developing low pressure off the southeast U.S. coast generated a prolonged period of moderate to heavy rains over much of northern Virginia for most of the day. Rainfall averaging 2 to 4 inches, with localized totals between 4 and 6 inches, caused minor flooding of creeks and small streams. Dozens of secondary roads were closed in the area, most due to swollen creeks but others from high standing water. Nine school districts closed early, including the following: Rockingham, Shenandoah, Frederick, Page, Warren, Clarke, Rappahannock, Culpeper, and Fauquier Cos. One good example of high water occurred in southeast Fauquier Co, where Town Creek was 1.5 feet out of its banks.

Some areas had many more roads closed than others. Tops on the list were Culpeper Co with 25 closures; Frederick Co with 20, Shenandoah Co with 21, and Warren Co with 15. Only one major highway was reported closed; federal highway 211 near local route 658 in eastern Page Co. Though no deaths or injuries were noted, one automobile was washed away, and its four occupants rescued, after encountering high water along River Road in southern Stafford Co near Fredericksburg.

Rain tapered off during the late afternoon, and streams and creeks receded quickly during the evening.

VAZ025>026 **Augusta - Rockingham**
13 1800EST 0 0 9K Freezing Rain
14 1200EST

Persistent light mixed precipitation created icing problems on trees and power lines across portions of the central Shenandoah Valley from the evening of the 13th through the morning of the 14th. Most of the precipitation fell in the form of freezing rain. Dozens of small to medium sized limbs and several power lines were felled, some onto roadways, by the accumulating ice. In Waynesboro (VAZ025), 1132 Virginia Power customers lost electricity.

WEST VIRGINIA, East

Berkeley County
Countywide 07 1200EST 2000EST 0 0 Flood

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WEST VIRGINIA, East									
Hampshire County									
Countywide	**07**	**1300EST 1800EST**			**0**	**0**			**Flood**
Hardy County									
North Portion	**07**	**1300EST 1800EST**			**0**	**0**			**Flood**
Jefferson County									
Countywide	**07**	**1300EST 2000EST**			**0**	**0**			**Flood**
Morgan County									
Countywide	**07**	**1300EST 2000EST**			**0**	**0**			**Flood**

Slowly developing low pressure off the southeast U.S. coast generated a prolonged period of moderate to heavy rains over portions of eastern West Virginia for most of the day. Rainfall averaging 2 to 4 inches, with localized totals between 4 and 6 inches at higher elevations, caused minor flooding of creeks and small streams. Several secondary roads were closed in the area, most due to swollen creeks but a few others from high standing water.

Most of the closed roads were concentrated in Hampshire, northern Hardy, and Berkeley cos. As a pre-emptive measure, schools closed during the early afternoon in Hardy and Hampshire Cos.

Rain tapered off during the late afternoon west of Shenandoah Mountain and during the evening in the panhandle. From the overnight hours through the following evening (the 8th), larger creeks remained in flood; namely the Opequon Creek which travels through Berkeley Co and the city of Martinsburg.