



# National Weather Service

## Storm Data and Unusual Weather Phenomena



October 1996

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

### DISTRICT OF COLUMBIA

NONE REPORTED.

### MARYLAND, Central

**MDZ014-017>018**

**Anne Arundel - St. Mary'S - Calvert**

|           |                            |          |          |            |                        |
|-----------|----------------------------|----------|----------|------------|------------------------|
| <b>08</b> | <b>1430EST<br/>1600EST</b> | <b>0</b> | <b>0</b> | <b>75K</b> | <b>High Wind (G67)</b> |
|-----------|----------------------------|----------|----------|------------|------------------------|

The remnants of Tropical Storm Josephine evolved into a nor'easter which raced from the South Carolina low country to just off the southern New Jersey coast in a 12 hour period. The existence of a deep low pressure center, channeling of north winds down the Chesapeake Bay, and high water temperatures than those of the surrounding land areas combined to produce wind gusts in excess of 50 knots from the Bay through the western shore of central and southern Maryland.

The highest gust was recorded in St Mary's Co (MDZ017 - 77 mph). Numerous trees were knocked down in Calvert (MDZ018) and St Mary's Counties; power outages were widespread, numbering 7,000 in the predominantly rural eastern portions of the counties. Trees fell onto homes in Great Mills and North Town Creek in St Mary's Co; dozens more fell onto power lines and across roads. Lesser damage was noted in Anne Arundel Co; however, the high winds knocked down a few trees and several power lines, cutting service to 7,000 customers. The winds diminished rapidly with the passage of the storm.

**MDZ017>018**

**St. Mary'S - Calvert**

|           |                            |          |          |            |                       |
|-----------|----------------------------|----------|----------|------------|-----------------------|
| <b>08</b> | <b>1430EST<br/>1800EST</b> | <b>0</b> | <b>0</b> | <b>10K</b> | <b>Tidal Flooding</b> |
|-----------|----------------------------|----------|----------|------------|-----------------------|

The same nor'easter which spawned wind gusts in excess of 60 mph also produced waves of 6 feet or greater in the Chesapeake Bay. Fortunately, the wind direction was from the north/northeast, limiting the pounding along the shore. Nevertheless, overwash created by the high waves caused minor damage to piers and bulkheads in Calvert and St Mary's Counties. In St Mary's Co, flooding was noted along the Point Lookout shoreline and a portion of state route 238 was closed near Chaptico due to a foot of standing water.

**Anne Arundel County  
Central Portion**

|           |                            |          |          |           |                    |
|-----------|----------------------------|----------|----------|-----------|--------------------|
| <b>18</b> | <b>2030EST<br/>2230EST</b> | <b>0</b> | <b>0</b> | <b>5K</b> | <b>Flash Flood</b> |
|-----------|----------------------------|----------|----------|-----------|--------------------|

A line of heavy showers and embedded thunderstorms ahead of a cold front was followed by moderate rains behind the front. This combination caused several roads to become submerged in the Annapolis area, including most of the normally flood-prone highways. These roads included an on-ramp to eastbound federal highway 50, Brockbridge Road at the Prince Georges Co line, and the intersection of state routes 424 and 214 in Davidsonville

### VIRGINIA, North

**Augusta County  
West Portion**

|           |                |          |          |           |                          |
|-----------|----------------|----------|----------|-----------|--------------------------|
| <b>18</b> | <b>1630EST</b> | <b>0</b> | <b>0</b> | <b>3K</b> | <b>Thunderstorm Wind</b> |
|-----------|----------------|----------|----------|-----------|--------------------------|

Thunderstorm winds blew the roof off an outbuilding in Churchville. The same line of storms also produced minor damage in the town of Swoope at approximately the same time.

**Rockingham County  
Harrisonburg**

|           |                |          |          |            |                                |
|-----------|----------------|----------|----------|------------|--------------------------------|
| <b>18</b> | <b>1630EST</b> | <b>0</b> | <b>0</b> | <b>50K</b> | <b>Thunderstorm Wind (G52)</b> |
|-----------|----------------|----------|----------|------------|--------------------------------|

Thunderstorm winds estimated at 60 mph blew down a newly constructed wall and associated scaffolding at a local high school. The wall was part of a renovation. A channeling effect of winds between the school and the new wall may have contributed to the collapse.

**Fauquier County  
Morrisville**

|           |                |          |          |           |                          |
|-----------|----------------|----------|----------|-----------|--------------------------|
| <b>18</b> | <b>1825EST</b> | <b>0</b> | <b>0</b> | <b>5K</b> | <b>Thunderstorm Wind</b> |
|-----------|----------------|----------|----------|-----------|--------------------------|

A line of showers and thunderstorms associated with a vigorous cold front produced an isolated microburst which knocked down several trees at a residence in southern Fauquier Co.

**VAZ052>054**

**Prince William - Fairfax - Arlington**

|           |                            |          |          |           |                            |
|-----------|----------------------------|----------|----------|-----------|----------------------------|
| <b>18</b> | <b>1830EST<br/>1900EST</b> | <b>0</b> | <b>0</b> | <b>2K</b> | <b>Gusty Wind/Hvy Rain</b> |
|-----------|----------------------------|----------|----------|-----------|----------------------------|

A vigorous cold front, attended by a line of showers and thunderstorms, produced brief wind gusts to 45 mph and rainfall between 1.5 and 2.5 inches across much of northern Virginia during the evening of the 18th. A few trees and large limbs were knocked down, including one along interstate 95 in Prince William Co (VAZ052) and another which blocked the George Washington Parkway near Mt Vernon (VAZ053). Virginia Power reported 16,000 customers were without electricity during the height of the storm.



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|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------|
|          |      |                            |                           |                          | Killed               | Injured | Property            | Crops |                    |

**VIRGINIA, North**

**Fauquier County  
S Portion**

|  |           |                            |  |  |          |          |  |  |                    |
|--|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|
|  | <b>18</b> | <b>1945EST<br/>2015EST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Flash Flood</b> |
|--|-----------|----------------------------|--|--|----------|----------|--|--|--------------------|

The intersection of local routes 806 and 828 was closed by high standing water up to 1 foot in depth. An automobile was swept off the road; at least 2 1/2 inches of rain fell in the area.

**WEST VIRGINIA, East**

NONE REPORTED.