



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2000

| 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

| | | | | | | | | | |
|---------------|-----------------------------|----------------------------|--|--|----------|----------|--|--|--------------------------|
| DCZ001 | District Of Columbia | | | | | | | | |
| | 08 | 0800EST 2000EST | | | 0 | 0 | | | Unseasonably Warm |

High pressure over the Eastern Seaboard and warm southerly winds on the 8th resulted in sunny skies and temperatures nearly 30 degrees above normal. Washington Reagan National Airport reached a high temperature of 85 degrees, shattering the previous daily record by 8 degrees. A high temperature of 86 degrees was recorded at the National Arboretum.

| | | | | | | | | | |
|--|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| District Of Columbia Countywide | | | | | | | | | |
| | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |

Low pressure moved from the Ohio Valley on the 20th to the Mid-Atlantic region on the 21st. East winds ahead of the system ushered moist air into the region directly from the Atlantic Ocean. When the low passed through on the morning and afternoon of the 21st, heavy rain fell across the Washington D.C. metropolitan area. Rainfall reports for the District included 2.28 inches at the National Arboretum and 1.99 inches at Washington Reagan National Airport.

MARYLAND, Central

| | | | | | | | | | |
|--|-----------|---|--|--|----------|----------|--|--|--------------------------|
| MDZ002>004-006- 009>011-013>014-016>018 | | | | | | | | | |
| | | Allegany - Washington - Frederick - Northern Baltimore - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert | | | 0 | 0 | | | Unseasonably Warm |
| | 08 | 0800EST 2000EST | | | | | | | |

High pressure over the Eastern Seaboard and warm southerly winds on the 8th resulted in sunny skies and temperatures nearly 30 degrees above normal. Baltimore/Washington International Airport reached a high temperature of 83 degrees, shattering the previous daily record by 8 degrees. Other high temperatures across Maryland included Hagerstown at 86 degrees, Mechanicsville at 85 degrees, Cumberland and Aberdeen at 84 degrees, Bethesda at 83 degrees, Owings Mills at 81 degrees, Smithsburg and Baltimore at 79 degrees, and Frostburg at 73 degrees.

| | | | | | | | | | |
|------------------------------------|-----------|-----------------|--|--|----------|----------|--|--|--------------------|
| St. Mary'S County Ridge | | | | | | | | | |
| | 11 | 1537EST | | | 0 | 0 | | | Hail (0.75) |
| | | Dime-sized hail | | | | | | | |

| | | | | | | | | | |
|--------------------------------------|-----------|----------------|--|--|----------|----------|------------|--|--------------------|
| Allegany County Frostburg | | | | | | | | | |
| | 12 | 0700EST | | | 0 | 0 | 20K | | Strong Wind |

Home under construction was damaged.

Scattered thunderstorms developed ahead of a cold front on the afternoon of the 11th. Some storms produced hail, heavy downpours, and gusty winds. In St. Mary's County, dime-sized hail fell from a thunderstorm in Ridge at 3:37 PM. Pea-sized hail was also reported at Temple Hills in Prince George's County and in Southern Anne Arundel County that afternoon. After the cold front moved across the region on the night of the 11th, strong winds began. Wind gusts over 30 MPH were common, especially in Western Maryland through the night. By the morning of the 12th, the persistent strong winds toppled a home under construction in Frostburg.

| | | | | | | | | | |
|---------------|-----------|----------------------------|--|--|----------|----------|--|--|---------------------|
| MDZ002 | | | | | | | | | |
| | | Allegany | | | 0 | 0 | | | Winter Storm |
| | 21 | 0000EST 1200EST | | | | | | | |

| | | | | | | | | | |
|--|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| Baltimore County Countywide | | | | | | | | | |
| | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |

| | | | | | | | | | |
|--|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| Baltimore City (C) Countywide | | | | | | | | | |
| | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |



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|-------------------------------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------|
| | | | | | Killed | Injured | Property | Crops | |
| MARYLAND, Central | | | | | | | | | |
| Carroll County | | | | | | | | | |
| Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Charles County | | | | | | | | | |
| Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Howard County | | | | | | | | | |
| Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Montgomery County | | | | | | | | | |
| Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Prince George'S County | | | | | | | | | |
| Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| St. Mary'S County | | | | | | | | | |
| Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Frederick County | | | | | | | | | |
| Countywide | 21 | 0900EST 1300EST | | | 0 | 0 | | | Flash Flood |
| Washington County | | | | | | | | | |
| Countywide | 21 | 0900EST 1200EST | | | 0 | 0 | | | Flash Flood |
| Anne Arundel County | | | | | | | | | |
| Countywide | 21 | 1700EST 2359EST | | | 0 | 0 | | | Flash Flood |
| Harford County | | | | | | | | | |
| Countywide | 21 | 1730EST 2359EST | | | 0 | 0 | | | Flash Flood |
| MDZ003>004 | | | | | | | | | |
| | 22 | 0200EST 2245EST | | | 0 | 0 | | | Flood |

Low pressure moved from the Ohio Valley on the 20th to the Mid-Atlantic region on the 21st. East winds ahead of the system ushered moist air into the region directly from the Atlantic Ocean. When the low passed through on the morning and afternoon of the 21st heavy rain fell east of the Blue Ridge Mountains. Temperatures were cold enough in Allegany County that most of the precipitation fell in the form of snow. Frostburg reported 6 inches of accumulation. Rainfall amounts in Washington County included 2.67 inches in Smithsburg, 2.43 inches in Hagerstown, 2.31 inches in Sharpsburg, 1.90 inches in Williamsport, and 1.80 inches in Hancock. The deluge of rain caused Beaver Creek to overflow onto Route 66 and Conococheague Creek to flood Wishard Road as it rose a half foot above flood stage. In Frederick County, rainfall totals included 3.30 inches in Thurmont, 2.55 inches in Emmitsburg, 2.10 inches in Wolfsville, and 2.05 inches in Frederick. Carroll Creek overflowed onto Gas House Pike and Israel Creek flooded Route 26. The Monocacy River near Frederick rose to 16.4 feet, nearly 1.5 feet above flood stage, on the 22nd causing flood waters to affect the sewage treatment plant.

In Carroll County, rainfall amounts included 2.57 inches in Finksburg, 2.52 inches in Sykesville, 2.41 inches in Millers, 2.37 inches in Manchester, 2.28 inches at Piney Run, and 2.25 inches in Westminster. In Baltimore County, rainfall amounts included 3.16 inches in Pikesville, 2.77 inches in Owings Mills, 2.60 inches in Fullerton and Freeland, 2.31 inches in Parkton, 2.24 inches in Perry Hall, 2.16 inches in Cedermere, 2.04 inches in Freeland and Westview, 1.91 inches at the Maryland Science Center, 1.88 inches in Carroll Park, and 1.84 inches at Jones Falls. In Harford County, rainfall totals included 4.41 inches in Aberdeen, 3.95 inches at Conwingo Dam, and 2.55 inches in Bel Air. Little North East Creek, North Creek, and Swan Creek overflowed their banks. Rainfall totals for Howard and Montgomery Counties included 3.00 inches in Cooksville, 2.59 inches in Laurel, 2.52 inches in Gaithersburg, 2.46 inches in Waterloo and Olney, 2.44 inches in Lisbon, 2.40 inches in Washington Grove, 2.31 inches in Forest Glen, 2.30 inches in Potomac, 2.29 inches in Ellicott City, 2.00 inches in Elkridge, and 1.93 inches in Rockville.

Rainfall amounts in Anne Arundel County included 3.69 inches in Annapolis, 3.00 inches at the Naval Academy, 2.26 inches in Lothian, 2.13 inches at Baltimore/Washington International Airport, 1.86 inches in Davidsonville, and 1.71 inches in Millersville. Heavy rain saturated soil to the point that trees were felled. Downed trees were reported on Generals Highway, Saltzmann Road, across the community of Cypress Creek, and on the campus of St. John's College. Flood waters closed parts of Patuxent Road, Brock Bridge Road, Ridge Road, Old Mill Road, and Governor's Bridge Road. Flooded roadways were also reported in Glen Isle,



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|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MARYLAND, Central

Avalon Shores, Franklin Manor, Shady Side, and Triton Beach. Rainfall totals in Prince George's County included 3.36 inches in Mitchellville, 3.12 inches at Brown Landfill, 2.96 inches in Bowie and District Heights, 2.88 inches in Greenbelt, 2.55 inches in South Bowie, 2.48 inches at Andrews Air Force Base, and 2.36 inches in Oxon Hill. Rainfall reports across Calvert, Charles, and St. Mary's Counties included 2.06 inches in Bryans Road, 2.04 inches in Ridge, 2.00 inches in Waldorf, and 1.36 inches in Tall Timbers.

| | | | | | | | | | |
|---|----|---------|--|--|---|---|----|--|-------------------|
| Charles County White Plains | 25 | 1705EST | | | 0 | 0 | | | Hail (1.00) |
| Quarter-sized hail | | | | | | | | | |
| Prince George'S County Brandywine | 25 | 1710EST | | | 0 | 0 | 2K | | Thunderstorm Wind |
| Two trees were downed. | | | | | | | | | |
| Anne Arundel County North Portion | 25 | 1730EST | | | 0 | 0 | 2K | | Thunderstorm Wind |
| Trees were downed. | | | | | | | | | |
| Charles County 2 E Pisgah | 25 | 1730EST | | | 0 | 0 | | | Hail (0.75) |
| Dime-sized hail was reported in Ripley. | | | | | | | | | |
| Charles County 2 E Pisgah | 25 | 1730EST | | | 0 | 0 | 2K | | Thunderstorm Wind |
| Trees were downed in Ripley. | | | | | | | | | |

A line of thunderstorms developed around 4:00 PM on the 25th across North Central Maryland and Northern Virginia. This line moved eastward and brought heavy rain, hail, frequent lightning, and winds in excess of 55 MPH to South Central Maryland between 5:00 and 6:00 PM. In Charles County, quarter-sized hail was reported in White Plains. In Ripley, dime-sized hail fell and gusty winds knocked over a tree onto a road. In St. Mary's County, winds gusted to 49 MPH in Tall Timbers at 5:45 PM. In Prince George's County, two trees were downed in Brandywine. Trees were downed in the northern portion of Anne Arundel County.

VIRGINIA, North

| | | | | | | | | | |
|--|--|---------|--|--|---|---|--|--|-------------------|
| VAZ025>031-036>042-050>057 | Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Arlington - Stafford - Spotsylvania - King George | | | | | | | | |
| | 08 | 0800EST | | | 0 | 0 | | | Unseasonably Warm |
| | | 2000EST | | | | | | | |

High pressure over the Eastern Seaboard and warm southerly winds on the 8th resulted in sunny skies and temperatures nearly 30 degrees above normal. Washington Reagan National Airport reached a high of 85 degrees, and Dulles International Airport rose to 84 degrees, both shattering previous daily records by 8 degrees. Other high temperatures across Northern Virginia on the 8th included Sperryville at 87 degrees, Warrenton at 85 degrees, Winchester at 84 degrees, and Waynesboro at 83 degrees

| | | | | | | | | | |
|--|----|---------|--|--|---|---|--|--|------------------|
| Rockingham County West Portion | 10 | 0000EST | | | 0 | 0 | | | Wild/Forest Fire |
| | 14 | 2359EST | | | | | | | |

An arson fire began on the 10th in George Washington National Forest west of Harrisonburg. Because of dry and windy conditions the fire quickly spread, growing to 390 acres before it could be controlled on the 14th.

| | | | | | | | | | |
|--------------------------|-------------------------------------|---------|--|--|---|---|--|--|--------------|
| VAZ029>030-040 | Page - Warren - Rappahannock | | | | | | | | |
| | 21 | 0000EST | | | 0 | 0 | | | Winter Storm |
| | | 1200EST | | | | | | | |



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| | | | | | Killed | Injured | Property | Crops | |
| VIRGINIA, North | | | | | | | | | |
| VAZ021-025>026 | | | Highland - Augusta - Rockingham | | | | | | |
| | 21 | 0200EST 1400EST | | | 0 | 0 | | | Winter Weather |
| Alexandria (C) Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Arlington County Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Augusta County Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Fairfax County Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Fairfax (C) Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Falls Church (C) Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Harrisonburg (C) Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Nelson County Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Page County Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Rockingham County Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Staunton (C) Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Warren County Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |
| Waynesboro (C) Countywide | 21 | 0800EST 1600EST | | | 0 | 0 | | | Heavy Rain |

Low pressure moved from the Ohio Valley on the 20th to the Mid-Atlantic region on the 21st. East winds ahead of the system ushered moist air into the region directly from the Atlantic Ocean. When the low passed through the area on the morning and afternoon of the 21st heavy rain fell east of the Blue Ridge Mountains. Temperatures were cold enough in the mountains that most of the precipitation fell in the form of snow. Rainfall amounts east of the mountains ranged from 1 to 3 inches, and up to 7 inches of snow fell in the mountains. Along Skyline Drive, up to 3/4 of an inch of freezing rain accumulated during the morning of the 21st before changing over to rain during the afternoon. Park officials reported downed trees and power lines. Rainfall totals included 2.37 inches at Montebello in Nelson County, 2.32 inches at Tom's Branch in Augusta County, 2.28 inches at Briery Branch in Rockingham County, 2.20 inches at Lewis Mountain Camp in Page County, 2.16 inches at Limeton in Warren County, 2.14 inches in Falls Church, 2.03 inches at Sterling in Loudoun County, and 1.99 inches at National Airport in Arlington. Snowfall totals included up to 7 inches in the highest elevations of Highland and western Rockingham Counties, 3 inches in Monterey, 2 inches in Deerfield, and 1 inch in Staunton.



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|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

WEST VIRGINIA, East

| | | | | | | | | | |
|----------------------|--|--|--|--|----------|----------|--|--|--------------------------|
| WVZ048>055 | Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy | | | | | | | | |
| | 08 0800EST | | | | 0 | 0 | | | Unseasonably Warm |
| | 2000EST | | | | | | | | |

High pressure over the Eastern Seaboard and warm southerly winds on the 8th resulted in sunny skies and temperatures over 20 degrees above normal. High temperatures included 85 degrees at Moorefield, 83 degrees at Petersburg, 82 degrees at Mathias, and 75 degrees at Bayard.

| | | | | | | | | | |
|--------------------------|------------------------------------|--|--|--|----------|----------|--|--|---------------------|
| WVZ048>049-054 | Grant - Mineral - Pendleton | | | | | | | | |
| | 21 0000EST | | | | 0 | 0 | | | Winter Storm |
| | 1200EST | | | | | | | | |

| | | | | | | | | | |
|---------------|-------------------|--|--|--|----------|----------|--|--|-----------------------|
| WVZ055 | Hardy | | | | | | | | |
| | 21 0000EST | | | | 0 | 0 | | | Winter Weather |
| | 1200EST | | | | | | | | |

| | | | | | | | | | |
|-------------------------------------|-------------------|--|--|--|----------|----------|--|--|-------------------|
| Morgan County Countywide | | | | | | | | | |
| | 21 0800EST | | | | 0 | 0 | | | Heavy Rain |
| | 1600EST | | | | | | | | |

Low pressure moved from the Ohio Valley on the 20th to the Mid-Atlantic region on the 21st. East winds ahead of the system ushered moist air into the region directly from the Atlantic Ocean. When the low passed through on the morning and afternoon of the 21st heavy precipitation fell. Temperatures were cold enough in higher elevations across Mineral, Grant, and Pendleton Counties that most of the precipitation fell as snow. Accumulations included 12 inches on Timber Ridge, 9 inches on Mt. Storm, 6 to 8 inches across Mineral County, 5 inches in Petersburg, 4 inches in Franklin, 3 inches in Mathias and Bayard, and 1 inch in Keyser. Route 42 in Grant County was blocked by snow. A mixture of rain and snow fell in Hardy and Hampshire Counties, and rain fell across Morgan, Berkeley, and Jefferson Counties. Rainfall totals in these areas included 2.15 inches in Berkeley Springs, 1.64 inches at Pinnacle Lookout, 1.43 inches in Charles Town, 1.36 inches in Martinsburg, 1.30 inches at Cacapon Park, 1.20 inches at Flesher Mountain, and 1.16 inches at Shenandoah Mountain.