

## Storm Data and Unusual Weather Phenomena - March 2009

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

### ATLANTIC NORTH

#### TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.2 NE RONALD REAGAN NATL ARPT [38.85, -77.04]

|                    |   |                                     |
|--------------------|---|-------------------------------------|
| 03/29/09 16:03 EST | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| 03/29/09 16:03 EST | 0 | Source: ASOS                        |

A wind gust of 37 knots was measured at KDCA.

#### CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 10.0 NNW RIVIERA BEACH [39.28, -76.61]

|                    |   |                                     |
|--------------------|---|-------------------------------------|
| 03/29/09 17:00 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 03/29/09 17:00 EST | 0 | Source: Mesonet                     |

A wind gust was estimated over 30 knots at the Maryland Science Center.

A cold front passed through the Mid-Atlantic on the 29th. A southerly flow ahead of the front ushered in plenty of warm and moist air from the Gulf of Mexico. This air mass was unstable enough to trigger showers and thunderstorms on the 29th as the cold front moved through. Some thunderstorms did produce gusty winds over the Tidal Potomac and Chesapeake Bay.

### DISTRICT OF COLUMBIA

#### (DC-Z001) DISTRICT OF COLUMBIA

|                    |   |              |
|--------------------|---|--------------|
| 03/01/09 18:00 EST | 0 | Winter Storm |
| 03/02/09 12:00 EST | 0 |              |

A potent area of low pressure developed off the Southeast Coast on Sunday, March 1st. This system slowly moved up the Mid-Atlantic coast Sunday night tapping into plenty of moisture from the Gulf of Mexico as well as the Atlantic Ocean. With cold air in place, precipitation fell in the form of snow Sunday night into Monday, March 2nd. Snow tapered off early Monday afternoon as the storm system headed up towards New England.

### MARYLAND, Central

#### (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT

|                    |   |              |
|--------------------|---|--------------|
| 03/01/09 17:00 EST | 0 | Winter Storm |
| 03/02/09 15:00 EST | 0 |              |

#### (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK

|                    |   |                |
|--------------------|---|----------------|
| 03/01/09 19:00 EST | 0 | Winter Weather |
| 03/02/09 12:00 EST | 0 |                |

A potent area of low pressure developed off the Southeast Coast on Sunday, March 1st. This system slowly moved up the Mid-Atlantic coast Sunday night tapping into plenty of moisture from the Gulf of Mexico as well as the Atlantic Ocean. With cold air in place, precipitation fell in the form of snow Sunday night into Monday, March 2nd. The heaviest snow fell close to the Chesapeake Bay. Snow tapered off early Monday afternoon as the storm system headed up towards New England.

#### WASHINGTON COUNTY --- 1.7 SW PONDSVILLE [39.60, -77.62]

|                    |   |                         |
|--------------------|---|-------------------------|
| 03/29/09 15:26 EST | 0 | Hail (0.75 in)          |
| 03/29/09 15:26 EST | 0 | Source: Trained Spotter |

Penny sized hail was reported at the junction of Maryland Route 66 and Mount Aetna Road.

#### HARFORD COUNTY --- 0.5 W GLENVILLE [39.60, -76.23]

|                    |   |                |
|--------------------|---|----------------|
| 03/29/09 16:40 EST | 0 | Hail (0.75 in) |
| 03/29/09 16:40 EST | 0 | Source: Public |

Penny sized hail was reported just north-northeast of Churchville.

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### BALTIMORE COUNTY --- BLUE MT [39.60, -76.62]

|  |                    |  |   |                |
|--|--------------------|--|---|----------------|
|  | 03/29/09 16:56 EST |  | 0 | Hail (0.88 in) |
|  | 03/29/09 16:56 EST |  | 0 | Source: Public |

Penny to nickel sized hail was reported just west-northwest of Hereford.

A cold front passed through the Mid-Atlantic on the 29th. A southerly flow ahead of the front ushered in plenty of warm and moist air from the Gulf of Mexico. This air mass was unstable enough to trigger showers and thunderstorms on the 29th as the cold front moved through. A few thunderstorms did become severe, producing large hail.

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### VIRGINIA, North

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#### (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z041) FAUQUIER, (VA-Z042) LOUDOUN, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE

|  |                    |  |   |              |
|--|--------------------|--|---|--------------|
|  | 03/01/09 16:00 EST |  | 0 | Winter Storm |
|  | 03/02/09 14:00 EST |  | 0 |              |

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#### (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK

|  |                    |  |   |                |
|--|--------------------|--|---|----------------|
|  | 03/01/09 17:00 EST |  | 0 | Winter Weather |
|  | 03/02/09 10:00 EST |  | 0 |                |

A potent area of low pressure developed off the Southeast Coast on Sunday, March 1st. This system slowly moved up the Mid-Atlantic coast Sunday night tapping into plenty of moisture from the Gulf of Mexico as well as the Atlantic Ocean. With cold air in place, precipitation fell in the form of snow Sunday night into Monday, March 2nd. Snow tapered off early Monday afternoon as the storm system headed up towards New England.

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#### (VA-Z021) HIGHLAND, (VA-Z025) AUGUSTA

|  |                    |  |   |                |
|--|--------------------|--|---|----------------|
|  | 03/12/09 22:00 EST |  | 0 | Winter Weather |
|  | 03/13/09 10:00 EST |  | 0 |                |

A weak area of low pressure passed through the Mid-Atlantic bringing a period of snow across central Virginia. Snow began late in the evening during the 12th and lasted into the morning hours of the 13th.

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### WEST VIRGINIA, East

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#### (WV-Z054) PENDLETON

|  |                    |  |   |                |
|--|--------------------|--|---|----------------|
|  | 03/12/09 22:00 EST |  | 0 | Winter Weather |
|  | 03/13/09 10:00 EST |  | 0 |                |

A weak area of low pressure passed through the Mid-Atlantic bringing a period of snow across the Potomac Highlands in eastern West Virginia. The Snow began late in the evening during the 12th and lasted into the morning hours of the 13th.