

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ATLANTIC NORTH

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY

10.0 W RIVIERA BEACH	07/04/07 19:12 EST	0	0	Marine Thunderstorm Wind (MG 41 kt)
	07/04/07 19:30 EST	0	0	39.12N, 76.7063W

An Automated Surface Observation from Baltimore/Washington International Airport (BWI) measured a wind gust of 41 knots.

Widespread showers and thunderstorms developed across northern and central Virginia, central Maryland and Washington DC. These storms spread east during the late afternoon. One of these storms became severe, producing 40 knot winds over a portion of the Maryland Chesapeake Bay.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY

11.0 NW RIVIERA BEACH	07/10/07 12:26 EST	0	0	Marine Hail (1.00 in)
8.0 WNW RIVIERA BEACH	07/10/07 12:50 EST	0	0	39.2325N, 76.6651W ~ 39.1643N, 76.6578W

Trained Spotter reported quarter size hail in Linthicum Heights, MD near the shore of the Bay. Hail was also reported in the City of Baltimore near the Inner Harbor.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY

8.0 WNW RIVIERA BEACH	07/10/07 12:26 EST	0	0	Marine Thunderstorm Wind (EG 34 kt)
	07/10/07 12:50 EST	0	0	39.1643N, 76.6578W

A Trained Spotter reported downed trees in Linthicum Heights, MD, near the shore of the Bay.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY

RNLD REAGAN NATL ARPT	07/10/07 12:31 EST	0	0	Marine Thunderstorm Wind (MG 36 kt)
	07/10/07 13:00 EST	0	0	38.87N, 77.07W

Automated Observations from Ronald Reagan National Airport measured wind gusts between 31 and 36 knots for nearly 30 minutes.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY

12.0 SW QUANTICO	07/10/07 13:00 EST	0	0	Marine Thunderstorm Wind (MG 45 kt)
6.0 NNW DAHLGREN	07/10/07 13:38 EST	0	0	38.2473N, 75.8863W ~ 38.4101N, 77.0923W

Automated Observations from Stafford Regional Airport measured a wind gusts of 45 knots. Gusts in excess of 30 knots were also reported at Cuckold Creek..

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY

DAHLGREN	07/10/07 13:45 EST	0	0	Marine Thunderstorm Wind (EG 34 kt)
	07/10/07 13:55 EST	0	0	38.33N, 77.05W

King George County Emergency Management reported trees down in Dahlgren.

High pressure across the western Atlantic brought hot and humid conditions to the Mid Atlantic on July 10th. Showers and thunderstorms developed along and east of the Interstate 95 corridor, including the Washington DC and Baltimore metro areas, in the very hot and unstable air mass ahead of a cold front approaching the region from the Ohio Valley. Some of these storms became severe as they approached the Tidal Potomac River and Maryland Chesapeake Bay, producing wind gusts in excess of 40 knots and even large hail along the western shore of the Bay.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY

STEVENSVILLE	07/11/07 13:25 EST	0	0	Marine Thunderstorm Wind (MG 34 kt)
	07/11/07 13:30 EST	0	0	38.98N, 76.32W

An Automated Observation from Stevensville, MD., measured a wind gust of 34 knots.

A slow moving cold front moving east across the Mid Atlantic combined with a hot and humid air mass to trigger showers and thunderstorms across the Maryland Chesapeake Bay. One storm moving across the Bay became severe, producing wind gusts in excess of 30 knots. Other strong thunderstorms over the Bay produced wind gusts around 20 to 25 knots.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY

10.0 NW COVE PT	07/16/07 15:32 EST	0	0	Marine Hail (1.00 in)
	07/16/07 15:35 EST	0	0	38.4822N, 76.5305W

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Calvert County Emergency Management relayed a public report of quarter size hail southwest of Saint Leonard, MD.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY

11.0 NW COVE PT	07/16/07 15:32 EST	0	0	Marine Thunderstorm Wind (EG 34 kt)
	07/16/07 15:35 EST	0	0	38.4925N, 76.5436W

Calvert County Emergency Management relayed a public report of large tree limbs downed southwest of Saint Leonard, MD.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY

LEWISSETTA	07/16/07 16:30 EST	0	0	Marine Thunderstorm Wind (EG 34 kt)
	07/16/07 16:35 EST	0	0	38N, 76.47W

The buoy at Lewisetta reported wind gusts in excess of 30 knots.

A strong cold front moving east across the Ohio Valley stalled as it moved over the Mid Atlantic. This allowed numerous showers and thunderstorms to develop across the region during the afternoon of July 16th. Many of these storms became severe, producing wind gusts in excess of 30 knots over the Tidal Potomac River and Maryland Chesapeake Bay.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY

QUANTICO	07/19/07 14:08 EST	0	0	Marine Thunderstorm Wind (MG 55 kt)
COBB ISLAND	07/19/07 14:30 EST	0	0	38.37N, 75.73W ~ 38.27N, 76.85W

Automated Observations from Quantico Marine Corps Airfield measured a wind gust of 55 knots. Trees were reported down at Fairview Beach and on Cobb Island.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY

14.0 NW COLES POINT	07/19/07 14:29 EST	0	0	Marine Thunderstorm Wind (MG 50 kt)
LEWISSETTA	07/19/07 15:18 EST	0	0	38.2931N, 76.8122W ~ 38N, 76.47W

A buoy at Piney Point measured a wind gust of 50 knots. Trees were reported down on Cobb Island and south of Budds Creek. A buoy at Lewisetta measured a wind gust of 35 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY

SOLOMONS ISLAND	07/19/07 14:54 EST	0	0	Marine Thunderstorm Wind (MG 52 kt)
CRISFIELD	07/19/07 15:45 EST	0	0	38.32N, 76.45W ~ 37.98N, 75.85W

A buoy at Solomons Island measured a wind gust of 51 knots. An Automated surface observation from Patuxent River Naval Air Station measured a wind gust of 52 knots. Several buoys and automated surface observations between Solomons Island and Crisfield reported wind gusts in excess of 40 knots.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY

COVE PT	07/19/07 15:00 EST	0	0	Marine Thunderstorm Wind (MG 50 kt)
	07/19/07 15:10 EST	0	0	38.38N, 76.4W

A buoy at Cove Point measured a wind gust of 52 knots.

A warm and moist air mass settled over the Mid Atlantic as a strong cold front approached the region from the Ohio Valley on July 19th. This allowed scattered thunderstorms to develop across north central Virginia during the early afternoon hours and spread east into Maryland through the evening. Several of these storms became severe, producing wind gusts in excess of 50 knots along the Tidal Potomac River and Maryland Chesapeake Bay.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY

QUANTICO	07/27/07 16:56 EST	0	0	Marine Thunderstorm Wind (MG 34 kt)
10.0 N DAHLGREN	07/27/07 17:43 EST	0	0	38.37N, 75.73W ~ 38.4746N, 77.05W

An Automated Surface Observation from Quantico Marine Corps Airfield measured a wind gust of 31 knots. A buoy at Cuckold Creek measured a wind gust of 34 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY

SOLOMONS ISLAND	07/27/07 18:42 EST	0	0	Marine Thunderstorm Wind (EG 34 kt)
PATUXENT RIVER NAS	07/27/07 18:49 EST	0	0	38.32N, 76.45W ~ 38.28N, 76.43W

Wind gusts in excess of 30 knots were reported from Solomons Island to Patuxent River Naval Air Station.

CHESAPEAKE BAY N OF POOLES IS MD COUNTY

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
15.0 ENE SPESUTIE ISLAND	07/27/07 19:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/27/07 19:10 EST		0	39.513N, 75.7705W

Wind gusts in excess of 30 knots were reported from Chesapeake City, MD.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY

17.0 E PATUXENT RIVER NAS	07/27/07 19:41 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/27/07 19:45 EST		0	38.28N, 76.1169W

A buoy at Bishops Head measured a wind gust of 37 knots.

An upper level low pressure system drifted slowly from New England towards the Great Lakes for several days. This combined with a weak surface trough to trigger scattered showers and thunderstorms over the Tidal Potomac River and Maryland Chesapeake Bay during the late afternoon and evening hours. Some storms became severe, producing wind gusts in excess of 30 knots.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY

4.0 E ALEXANDRIA	07/29/07 12:40 EST		0	Marine Thunderstorm Wind (EG 35 kt)
	07/29/07 12:40 EST		0	38.82N, 77.0058W

An NWS Employee reported large tree branches down in Oxon Hill, MD.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY

DAHLGREN	07/29/07 16:30 EST		0	Marine Thunderstorm Wind (EG 35 kt)
	07/29/07 16:30 EST		0	38.33N, 77.05W

Law Enforcement reported trees down in Dahlgren, VA.

A cold front combined with an upper level low pressure system to trigger numerous showers and thunderstorms central Maryland and northern Virginia during the afternoon and evening of July 29th. Several of these storms became severe, producing wind gusts in excess of 30 knots across the Tidal Potomac River and Maryland Chesapeake Bay.

CHESAPEAKE BAY N OF POOLES IS MD COUNTY

15.0 NE SPESUTIE ISLAND	07/30/07 15:00 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/30/07 15:00 EST		0	39.5833N, 75.8313W

An Automated Observation from Chesapeake City measured a wind gust of 35 knots.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY

5.0 ENE INDIAN HEAD	07/30/07 15:28 EST		0	Marine Thunderstorm Wind (EG 35 kt)
	07/30/07 15:30 EST		0	38.6277N, 77.0845W

Law Enforcement reported trees down in Bryans Road, MD.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY

6.0 SE QUANTICO	07/30/07 16:05 EST		0	Marine Thunderstorm Wind (EG 35 kt)
	07/30/07 16:05 EST		0	38.3087N, 75.6518W

Law Enforcement reported trees down in Nanjemoy.

A slow moving front continued to move south across the Mid Atlantic, triggering scattered showers and thunderstorms during the afternoon and evening. Some storms moving across the Tidal Potomac River and Maryland Chesapeake Bay became severe, producing wind gusts in excess of 30 knots.

DISTRICT OF COLUMBIA

DISTRICT OF COLUMBIA COUNTY

2.0 NNE US CAPITOL	07/10/07 12:31 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/10/07 12:32 EST		0	38.9067N, 77.0058W

Broadcast Media reported a tree down at the intersection of Florida Avenue and 12th Street south of the Columbia Heights neighborhood.

High pressure across the western Atlantic brought hot and humid conditions to the Mid Atlantic on July 10th. Showers and thunderstorms developed along and east of the Interstate 95 corridor, including the Washington DC and Baltimore metro areas, in the very hot and unstable air mass ahead of a cold front approaching the region from the Ohio Valley. One storm became severe as it moved

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across the District, downing a tree at the intersection of 12th Street and Florida Avenue.

MARYLAND, Central

FREDERICK COUNTY

4.0 SE IJAMSVILLE	07/04/07 15:00 EST	0	0	Hail (0.88 in)
	07/04/07 15:00 EST	0	0	39.3291N, 77.2771W

A Trained Spotter measured nickel size hail near the Frederick and Montgomery County line between Clarksburg and Ijamsville.

MONTGOMERY COUNTY

DAMASCUS	07/04/07 15:10 EST	0	0	Hail (0.75 in)
	07/04/07 15:10 EST	0	0	39.28N, 77.2W

Montgomery County Officials reported penny size hail in Damascus, MD.

MONTGOMERY COUNTY

DAMASCUS	07/04/07 15:15 EST	0	0	Hail (0.88 in)
	07/04/07 15:15 EST	0	0	39.28N, 77.2W

A Trained Spotter reported nickel size hail near Damascus. There were also downed tree limbs reported at the same location.

MONTGOMERY COUNTY

3.0 NW LAYTONSVILLE	07/04/07 15:25 EST	0	0	Hail (2.00 in)
DAMASCUS	07/04/07 15:25 EST	0	0	39.2507N, 77.1896W ~ 39.28N, 77.2W

NWS Storm Survey revealed hen-egg size hail occurred between Laytonsville and Damascus.

MONTGOMERY COUNTY

3.0 SE DAMASCUS	07/04/07 15:30 EST	0	0	Funnel Cloud
	07/04/07 15:40 EST	0	0	39.2493N, 77.1604W

A Funnel Cloud was reported southeast of Damascus. Local media also reported footage of the funnel cloud on the evening news.

HOWARD COUNTY

DAYTON	07/04/07 15:50 EST	1K	0	Thunderstorm Wind (EG 50 kt)
	07/04/07 15:50 EST	0	0	39.23N, 76.98W

Law Enforcement reported power lines down near Green Bridge Road near Dayton, MD.

HOWARD COUNTY

3.0 SW WEST FRIENDSHIP	07/04/07 15:55 EST	0	0	Hail (0.75 in)
	07/04/07 15:55 EST	0	0	39.2693N, 76.9896W

A Trained Spotter reported penny size hail southwest of West Friendship, MD.

BALTIMORE COUNTY

CATONSVILLE MANOR	07/04/07 16:30 EST	0	0	Hail (1.00 in)
	07/04/07 16:30 EST	0	0	39.3N, 76.72W

A Trained Spotter reported penny to quarter size hail near Catonsville, MD.

ANNE ARUNDEL COUNTY

SEVERN	07/04/07 16:32 EST	0	0	Thunderstorm Wind (EG 50 kt)
	07/04/07 16:32 EST	0	0	39.13N, 76.7W

Anne Arundel County Officials reported trees down on power lines near Beverly Road and Evergreen in Severn, MD.

BALTIMORE CITY (C) COUNTY

BALTIMORE	07/04/07 16:45 EST	1K	0	Thunderstorm Wind (EG 50 kt)
	07/04/07 16:45 EST	0	0	39.3N, 76.62W

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The Baltimore City Department of Public Works reported trees down on Frederick Ave.				
MONTGOMERY COUNTY				
GLENMONT	07/04/07 18:00 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/04/07 18:00 EST		0	39.07N, 77.07W
Montgomery County Fire and Rescue reported a tree down on a power line in Glenmont, MD.				
MONTGOMERY COUNTY				
1.0 N GLENMONT	07/04/07 18:26 EST		0	Hail (0.75 in)
3.0 W BURTONSVILLE	07/04/07 18:35 EST		0	39.0845N, 77.07W ~ 39.1N, 76.9859W
An off-duty NWS Employee reported penny size hail north of Glenmont. Trained Spotter and Amateur Radio operators reported penny size hail from 5 miles northwest of Beltsville to Colesville to 3 miles west of Burtonsville.				
HOWARD COUNTY				
NORTH LAUREL	07/04/07 18:55 EST		0	Hail (0.75 in)
	07/04/07 18:55 EST		0	39.13N, 76.88W
A Trained Spotter reported penny size hail in North Laurel, MD.				
Showers and thunderstorms developed during the afternoon and evening of July 4th and moved east across northern Virginia and western Maryland. Some became severe, producing large hail and damaging winds.				
ANNE ARUNDEL COUNTY				
LINTHICUM HGTS	07/10/07 12:35 EST		0	Hail (1.00 in)
	07/10/07 12:40 EST		0	39.2N, 76.67W
A Trained Spotter reported quarter size hail in Linthicum Heights, MD.				
ANNE ARUNDEL COUNTY				
LINTHICUM HGTS	07/10/07 12:35 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/10/07 12:40 EST		0	39.2N, 76.67W
A Trained Spotter reported trees down in Linthicum Heights, MD.				
BALTIMORE CITY (C) COUNTY				
DRUID	07/10/07 12:45 EST		0	Hail (1.00 in)
4.0 WNW HAMILTON	07/10/07 13:00 EST		0	39.33N, 76.68W ~ 39.4021N, 76.6191W
A Trained Spotter reported quarter size hail in Druid, MD. Mail measuring one half inch in diameter was reported in the northern portion of Baltimore City.				
BALTIMORE CITY (C) COUNTY				
4.0 WNW HAMILTON	07/10/07 13:00 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/10/07 13:05 EST		0	39.4021N, 76.6191W
A Trained Spotter reported trees down in northern Baltimore City.				
BALTIMORE COUNTY				
COCKEYSVILLE	07/10/07 13:02 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/10/07 13:05 EST		0	39.48N, 76.65W
Baltimore County Fire and Rescue Department reported multiple trees down in Cockeysville, MD.				
HARFORD COUNTY				
JARRETTSVILLE	07/10/07 13:27 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/10/07 13:30 EST		0	39.6N, 76.48W
Harford County Fire and Rescue Department reported trees down in Jarrettsville, MD.				
High pressure across the western Atlantic brought hot and humid conditions to the Mid Atlantic on July 10th. Showers and thunderstorms developed along and east of the Interstate 95 corridor, including the Washington DC and Baltimore metro areas, in the very hot and unstable air mass ahead of a cold front approaching the region from the Ohio Valley. Some of these storms became severe, producing damaging winds and large hail across the eastern Baltimore metro and south across lower southern Maryland.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CALVERT COUNTY				
3.0 SW ST LEONARD	07/16/07 15:32 EST		0	Hail (1.00 in)
	07/16/07 15:35 EST		0	38.4393N, 76.5392W
Calvert County Emergency Management relayed a public report of quarter size hail southwest of Saint Leonard, MD.				
CALVERT COUNTY				
3.0 SW ST LEONARD	07/16/07 15:32 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/16/07 15:35 EST		0	38.4393N, 76.5392W
Calvert County Emergency Management relayed a public report of large tree limbs down southwest of Saint Leonard, MD.				
BALTIMORE COUNTY				
2.0 N PHOENIX	07/16/07 16:32 EST		10K	Thunderstorm Wind (EG 50 kt)
3.0 SE MONKTON	07/16/07 16:42 EST		0	39.5489N, 76.62W ~ 39.5493N, 76.5802W
Baltimore County Emergency Management reported a tree down near Corbett Road north of Phoenix, MD., and a tree down near Old York Road near Troyer, southeast of Monkton. A Newspaper reported that more than 40 trees were downed on private property off Corbett Road in Monkton. The home on the property sustained minor damages, including a broken window and missing roof shingles.				
HARFORD COUNTY				
FALLSTON	07/16/07 17:05 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/16/07 17:10 EST		0	39.52N, 76.42W
Harford County Emergency Management reported multiple trees down near Connolly Road in Fallston.				
HARFORD COUNTY				
1.0 SE FALLSTON	07/16/07 17:15 EST		10K	Tornado (EF1, L: 4.00 mi , W: 150 yd)
5.0 SE FALLSTON	07/16/07 17:27 EST		0	39.5098N, 76.4068W ~ 39.4689N, 76.3538W
An NWS Storm Survey concluded that an EF1 tornado on the Enhanced Fujita Scale occurred near Fallston, MD., on July 16th. Maximum path width was 150 yards and the length was approximately 4 miles. There was extensive tree damage, with some softwood trees snapped and many hardwoods toppled. Structural damage observed was limited to trees and limbs falling onto structures. Many power lines were also downed. No injuries were reported.				
HARFORD COUNTY				
FALLSTON	07/16/07 17:19 EST		0	Hail (1.00 in)
	07/16/07 17:25 EST		0	39.52N, 76.42W
A Trained Spotter reported quarter size hail in Fallston.				
FREDERICK COUNTY				
3.0 N BRUNSWICK	07/16/07 18:35 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/16/07 18:40 EST		0	39.3634N, 77.63W
Frederick County Emergency Management reported trees down on Highway 340 north of Brunswick, MD.				
FREDERICK COUNTY				
BRUNSWICK	07/16/07 18:40 EST		0	Hail (0.88 in)
	07/16/07 18:45 EST		0	39.32N, 77.63W
Trained Spotters reported penny and nickel size hail in Brunswick, MD.				
FREDERICK COUNTY				
5.0 W LIBERTYTOWN	07/16/07 19:15 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/16/07 19:20 EST		0	39.48N, 77.3437W
Frederick County Emergency Management reported trees down west of Libertytown, MD.				
A strong cold front moving east across the Ohio Valley stalled as it moved over the Mid Atlantic. This allowed numerous showers and thunderstorms to develop across the region during the afternoon of July 16th. Many of these storms became severe, producing large hail and damaging winds that downed large trees and power lines. One severe thunderstorm that moved across Harford County produced a tornado.				
CHARLES (MD-Z016), ST. MARY'S (MD-Z017), CALVERT (MD-Z018)				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/17/07 00:00 EST		0	Drought
	07/31/07 23:59 EST		0	

A portion of the Mid Atlantic hydrologic service area experienced severe agricultural drought conditions from July 17th through the end of the month. This area included lower southern Maryland. Using a combination of rainfall measurements and radar precipitation estimates, some locations averaged rainfall totals as high as 6 inches below normal. This led to some jurisdictions restricting water use. Damage estimates were not available due to current harvest progress. Several locations were included in primary natural disaster areas due to reductions in farm production. Sources of information included the Maryland Farm Service Agency and the National Drought Monitor.

CHARLES COUNTY

LA PLATA	07/19/07 14:21 EST		3K	Thunderstorm Wind (EG 50 kt)
COBB IS	07/19/07 14:30 EST		0	38.53N, 76.98W ~ 38.27N, 76.85W

Amateur Radio Operators reported trees down in LaPlata. Law Enforcement Officers reported trees down on Cobb Island and the Route 301 Bridge was closed.

ST. MARY'S COUNTY

2.0 S BUDDS CREEK	07/19/07 14:30 EST		5K	Thunderstorm Wind (MG 52 kt)
(NHK)NAS PATUXENT RI	07/19/07 14:56 EST		0	38.3711N, 76.83W ~ 38.28N, 76.43W

A Trained Spotter reported several trees down near Aviation Yacht Club Road south of Budds Creek. Another Trained Spotter reported trees down in Compton and estimated wind gusts up to 70 mph. The Automated Surface Observation at Patuxent River Naval Air Station measured a wind gust of 60 mph.

CALVERT COUNTY

LUSBY	07/19/07 14:50 EST		10K	Thunderstorm Wind (MG 52 kt)
	07/19/07 14:55 EST		0	38.42N, 76.45W

Calvert County Fire and Rescue Department reported numerous trees and power lines down across the southern portion of the county. A buoy at Cove Point measured a wind gust of 52 knots.

HARFORD COUNTY

5.0 S JARRETTSVILLE	07/19/07 15:25 EST		3K	Thunderstorm Wind (EG 50 kt)
JARRETTSVILLE	07/19/07 15:30 EST		0	39.5277N, 76.48W ~ 39.6N, 76.48W

Harford County Fire and Rescue reported trees and power lines down in Stockton and trees down in Jarrettsville.

A warm and moist air mass settled over the Mid Atlantic as a strong cold front approached the region from the Ohio Valley on July 19th. This allowed scattered thunderstorms to develop across north central Virginia during the early afternoon hours and spread east into Maryland through the evening. Storms became better organized as they moved east across lower southern Maryland, eventually forming a bow echo. Surface winds with the bow echo were measured between 60 and 80 mph. These strong thunderstorm winds downed numerous trees and power lines across lower southern Maryland.

WASHINGTON (MD-Z003), FREDERICK (MD-Z004), MONTGOMERY (MD-Z009)

	07/24/07 00:00 EST		0	Drought
	07/31/07 23:59 EST		0	

A portion of the Mid Atlantic hydrologic service area experienced severe agricultural drought conditions from July 24th through the end of the month. This area included Montgomery, Frederick and Washington Counties in central Maryland. Using a combination of rainfall measurements and radar precipitation estimates, some locations averaged rainfall totals as high as 6 inches below normal. This led to some jurisdictions restricting water use. Damage estimates were not available due to current harvest progress. Several locations were included in primary natural disaster areas due to reductions in farm production. Sources of information included the Maryland Farm Service Agency and the National Drought Monitor.

ALLEGANY COUNTY

BARTON	07/25/07 16:54 EST		5K	Thunderstorm Wind (EG 50 kt)
CUMBERLAND	07/25/07 17:00 EST		0	39.53N, 79.02W ~ 39.65N, 78.77W

Allegany County Emergency Management reported trees and power lines down in Cumberland. A local newspaper reported multiple trees and power lines down as well as large hail from Barton to Cumberland.

An upper level low pressure system drifting northwest towards the Great Lakes and increase southerly flow at the surface combine to trigger isolated showers and thunderstorms across western Maryland. One storm moving over Allegany County became severe, downing trees and power lines in Cumberland, MD.

ALLEGANY COUNTY

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WESTERNPORT	07/27/07 13:45 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/07 13:45 EST		0	39.48N, 79.05W
Allegany County Emergency Management reported a tree down in Westernport, MD.				
An upper level low pressure system drifted slowly from New England towards the Great Lakes for several days. This combined with a weak surface trough to trigger scattered showers and thunderstorms across the Mid Atlantic. One storm over Allegany County produced damaging winds.				
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WASHINGTON COUNTY				
2.0 NE HAGERSTOWN	07/28/07 20:32 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/28/07 20:32 EST		0	39.6705N, 77.6934W
Washington County Emergency Management reported a tree down at the intersection of Marsh Pike and Leitersburg Pike northeast of Hagerstown, MD.				
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FREDERICK COUNTY				
2.0 S NEW MARKET FREDERICK	07/28/07 21:45 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/28/07 21:55 EST		0	39.3511N, 77.27W ~ 39.42N, 77.42W
Frederick County Emergency Management reported trees down in Ijamsville and Frederick.				
A cold front combined with an upper level low pressure system to trigger showers and thunderstorms along the Blue Ridge Mountains of Maryland during the late evening hours of July 28th. Some of these storms became severe, producing damaging winds in Washington and Frederick Counties.				
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HARFORD COUNTY				
BEL AIR	07/29/07 05:15 EST		0	Hail (0.75 in)
	07/29/07 05:20 EST		0	39.53N, 76.35W
A Cooperative Observer reported penny size hail in Bel Air.				
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HARFORD COUNTY				
BEL AIR	07/29/07 05:20 EST		20K	Thunderstorm Wind (EG 50 kt)
	07/29/07 05:25 EST		0	39.53N, 76.35W
Harford County Emergency Management reported that a roof made of aluminum corrugated sheet metal was torn off building in downtown Bel Air in the 100 block of Business Route 1 and Archer Street. A large party tent was blown down nearby when its support ropes were snapped.				
A cold front combined with an upper level low pressure system to trigger thunderstorms in Harford County during the early morning hours of July 29th. The first thunderstorm became severe, producing damaging winds and large hail. A second storm followed close behind and actually became a wet microburst. Significant wind damage was reported in Bel Air, MD.				
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PRINCE GEORGE'S COUNTY				
OXON HILL	07/29/07 12:40 EST		0	Thunderstorm Wind (EG 50 kt)
	07/29/07 12:40 EST		0	38.8N, 77W
An off duty NWS Employee reported large tree branches down in Oxon Hill, MD.				
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FREDERICK COUNTY				
FREDERICK	07/29/07 16:38 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/29/07 16:40 EST		0	39.42N, 77.42W
Law Enforcement reported trees down in the city of Frederick as well as the southeast section of the county.				
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WASHINGTON COUNTY				
MAUGANSVILLE	07/29/07 17:50 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/29/07 17:55 EST		0	39.68N, 77.75W
Law Enforcement reported trees down in near Maugansville, MD.				
A cold front combined with an upper level low pressure system to trigger numerous showers and thunderstorms central Maryland during the afternoon and evening of July 29th. Several of these storms became severe, producing damaging winds in Prince Georges and Frederick Counties.				
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CHARLES COUNTY				

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
POMFRET	07/30/07 15:15 EST		2K	Thunderstorm Wind (EG 50 kt)
BRYANS ROAD	07/30/07 15:30 EST		0	38.58N, 77.03W ~ 38.63N, 77.07W

Law Enforcement reported trees down in Pomfret and Bryans Road.

CHARLES COUNTY

NANJEMOY	07/30/07 16:05 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/30/07 16:10 EST		0	38.45N, 76.78W

Law Enforcement reported trees down in Nanjemoy, MD.

A slow moving front continued to move south across the Mid Atlantic, triggering scattered showers and thunderstorms during the afternoon and evening. Some of these storms became severe, producing damaging winds across Charles County in lower southern Maryland.

VIRGINIA, North

CLARKE COUNTY

BERRYVILLE	07/04/07 14:58 EST		0	Hail (0.75 in)
	07/04/07 14:58 EST		0	39.15N, 77.97W

Penny size hail was reported in Berryville.

LOUDOUN COUNTY

2.0 NW MIDDLEBURG	07/04/07 15:40 EST		0	Hail (1.25 in)
	07/04/07 15:40 EST		0	38.9904N, 77.7963W

A Trained Spotter measured half-dollar size hail northwest of Middleburg, VA. Branches were also downed at the same location.

LOUDOUN COUNTY

LOVETTSVILLE	07/04/07 15:41 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/04/07 15:50 EST		0	39.27N, 77.63W

Amateur Radio Operators and Trained Spotters reported trees down at Lovettsville Road and Milltown.

FAUQUIER COUNTY

4.0 E HALFWAY	07/04/07 15:45 EST		0	Hail (1.00 in)
	07/04/07 15:45 EST		0	38.92N, 77.6557W

A Trained Spotter measured nickel to quarter size hail at the top of Bull Run Mountain near the Fauquier and Prince William County lines.

LOUDOUN COUNTY

1.0 W MIDDLEBURG	07/04/07 15:45 EST		0	Hail (0.75 in)
	07/04/07 15:45 EST		0	38.97N, 77.7886W

Amateur Radio reported penny size hail west of Middleburg, VA.

PRINCE WILLIAM COUNTY

8.0 W HAYMARKET	07/04/07 15:54 EST		0	Hail (0.75 in)
CATHARPIN	07/04/07 16:09 EST		0	38.82N, 77.7784W ~ 38.85N, 77.57W

Amateur Radio reported penny size hail near Bull Run Mountain north of Haymarket. Penny size hail was also reported near Route 234 and Centers Road in Catharpin.

PRINCE WILLIAM COUNTY

7.0 N HAYMARKET	07/04/07 16:07 EST		0	Hail (1.75 in)
	07/04/07 16:07 EST		0	38.9212N, 77.63W

A Trained Spotter measured golf-ball size hail in northern Prince William County 5 miles south of Gilberts Corner.

FAIRFAX COUNTY

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CENTREVILLE	07/04/07 16:30 EST		0	Funnel Cloud
	07/04/07 16:30 EST		0	38.83N, 77.42W

Virginia Department of Transportation reported a funnel cloud near Centreville north of Interstate 66.

LOUDOUN COUNTY

ALDIE	07/04/07 16:30 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/04/07 16:35 EST		0	38.97N, 77.63W

A 20 foot tall business sign was downed along Route 50, about a half mile east of Route 606 near Aldie, VA.

LOUDOUN COUNTY

DULLES INTL ARPT	07/04/07 16:32 EST		10K	Lightning
	07/04/07 16:33 EST		0	38.95N, 77.45W

Lightning struck a mobile lounge traveling from Terminal B to the Main Terminal. The lounge had just crossed Taxiway B when a lightning strike caused it to fail. While the lounge operator attempted to re-start the lounge, a second strike traveled through the lounge exiting the chasis by way of the left rear tire. Two windows were blown out and the lounge sustained damage to the tire. The Operator and six passengers were not injured and refused medical treatment at the scene. Information courtesy of Washington Dulles International Airport Management. Damage costs are estimated.

ORANGE COUNTY

3.0 N EVERONA	07/04/07 16:45 EST		0	Hail (0.75 in)
	07/04/07 16:45 EST		0	38.3434N, 77.97W

Penny size hail was reported along the Rapidan River just west of Route 522.

FAIRFAX COUNTY

3.0 E CHANTILLY	07/04/07 16:48 EST		0	Hail (1.75 in)
	07/04/07 16:48 EST		0	38.9N, 77.3743W

A Trained Spotter measured golf-ball size hail near Fair Lakes east of Chantilly, VA.

FAIRFAX (C) COUNTY

FAIRFAX	07/04/07 16:50 EST		0	Hail (1.00 in)
	07/04/07 16:55 EST		0	38.85N, 77.3W

A Trained Spotter estimate quarter size hail in the City of Fairfax.

LOUDOUN COUNTY

1.0 N LEESBURG	07/04/07 16:53 EST		0	Hail (0.75 in)
	07/04/07 17:00 EST		0	39.1345N, 77.55W

Amateur Radio reported penny size hail north of Leesburg, VA.

LOUDOUN COUNTY

LEESBURG	07/04/07 18:55 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/04/07 18:55 EST		0	39.12N, 77.55W

Loudoun County Officials reported power lines down at Church and Loudoun Streets in downtown Leesburg.

Showers and thunderstorms developed during the afternoon and evening of July 4th and moved east across northern Virginia and western Maryland. Some became severe, producing large hail and damaging winds.

NELSON COUNTY

3.0 SSE NELLYSFORD	07/10/07 11:30 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/10/07 11:35 EST		0	37.8399N, 78.859W

A Trained Spotter reported that a tree fell on a car on Route 6 West 1 mile from Route 29. No injuries were reported.

KING GEORGE COUNTY

DAHLGREN	07/10/07 13:45 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/10/07 13:50 EST		0	38.33N, 77.05W

King George County Emergency Management reported multiple trees and power lines down in Dahlgren, VA.

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>High pressure across the western Atlantic brought hot and humid conditions to the Mid Atlantic on July 10th. Showers and thunderstorms developed along and east of the Interstate 95 corridor in the very hot and unstable air mass ahead of a cold front approaching the region from the Ohio Valley. One storm became severe as it moved across King George County, downing multiple trees and power lines.</p>				
FREDERICK COUNTY				
1.0 E STEPHENS CITY	07/15/07 17:16 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/07 17:20 EST		0	39.08N, 78.2014W
Frederick County Emergency Management reported a tree down on Fairfax Pike east of Stephens City, VA.				
CLARKE COUNTY				
2.0 SE BOYCE	07/15/07 17:27 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/15/07 17:30 EST		0	39.0796N, 78.0237W
Clarke County Law Enforcement reported a tree down across Route 50.				
FAUQUIER COUNTY				
WARRENTON	07/15/07 18:21 EST		0	Hail (0.75 in)
	07/15/07 18:25 EST		0	38.72N, 77.78W
Fauquier County Fire and Rescue Department reported penny size hail between Airlie and Warrenton.				
<p>A weak trough of low pressure lingered across the Mid Atlantic on July 15th. This combined with typical summertime heat and humidity allowed scattered showers and thunderstorms to develop along the eastern face of the Blue Ridge Mountains in northwestern Virginia. A few of these storms became severe, producing damaging winds and large hail across Frederick, Clarke and Fauquier Counties.</p>				
ALBEMARLE COUNTY				
1.0 SE EARLYSVILLE	07/16/07 13:20 EST		5K	Thunderstorm Wind (EG 50 kt)
STONY PT	07/16/07 13:40 EST		0	38.1598N, 78.467W ~ 38.12N, 78.38W
Albemarle County Fire and Rescue Department reported trees and power lines down southeast of Earlysville and trees down in Monticello. Trees and power lines were also downed near Route 20 and Profitt Road in Stony Point.				
CHARLOTTESVILLE (C) COUNTY				
CHARLOTTESVILLE	07/16/07 13:35 EST		10K	Thunderstorm Wind (EG 50 kt)
	07/16/07 13:35 EST		0	38.03N, 78.5W
Fire Department Officials reported trees down on a house within the City of Charlottesville.				
LOUDOUN COUNTY				
LOVETTSVILLE	07/16/07 18:35 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/16/07 18:40 EST		0	39.27N, 77.63W
Loudoun County Fire and Rescue Department reported trees down and blocking roads in Lovettsville, VA.				
<p>A strong cold front moving east across the Ohio Valley stalled as it moved over the Mid Atlantic. This allowed numerous showers and thunderstorms to develop from the Central Foothills into northern Virginia during the afternoon of July 16th. Many of these storms became severe, producing damaging winds that downed large trees.</p>				
STAFFORD (VA-Z055), SPOTSYLVANIA / FREDERICKSBURG (VA-Z056), KING GEORGE (VA-Z057)				
	07/17/07 00:00 EST		0	Drought
	07/31/07 23:59 EST		0	
<p>A portion of the Mid Atlantic hydrologic service area experienced severe agricultural drought conditions from July 17th through the end of the month. This area included King George, Stafford and Spotsylvania Counties in northeastern Virginia. Using a combination of rainfall measurements and radar precipitation estimates, some locations averaged rainfall totals as high as 6 inches below normal. This led to some jurisdictions restricting water use. Damage estimates were not available due to current harvest progress. Several locations were included in primary natural disaster areas due to reductions in farm production. Sources of information included the Virginia Farm Service Agency and the National Drought Monitor.</p>				
SHENANDOAH COUNTY				
CONICVILLE	07/17/07 17:12 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/17/07 17:15 EST		0	38.83N, 78.68W

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Shenandoah County Fire and Rescue Department reported large tree limbs down near Conicsville Road.				
A stalled cold front finally began to dissipate over the Mid Atlantic on July 17th. The front still helped to trigger a few thunderstorms along the Blue Ridge. One storm became severe over Shenandoah County, producing damaging wind gusts.				
PAGE COUNTY				
STANLEY	07/19/07 12:57 EST		1K	Thunderstorm Wind (EG 50 kt)
LURAY	07/19/07 12:58 EST		0	38.58N, 78.52W ~ 38.67N, 78.47W
A Trained Spotter reported trees down on Route 340 between Stanley and Luray.				
FAUQUIER COUNTY				
SUMERDUCK	07/19/07 13:15 EST		1K	Thunderstorm Wind (EG 50 kt)
REMINGTON	07/19/07 13:40 EST		0	38.45N, 77.72W ~ 38.53N, 77.8W
Virginia Department of Highways reported trees down in Sumerduck and Remington.				
CULPEPER COUNTY				
CULPEPER	07/19/07 13:24 EST		2K	Thunderstorm Wind (EG 50 kt)
2.0 E CULPEPER	07/19/07 13:27 EST		0	38.48N, 78W ~ 38.48N, 77.9631W
Culpeper County Emergency Management reported trees down in Culpeper and a tree down on Route 29 east of town.				
SPOTSYLVANIA COUNTY				
CHANCELLORSVILLE	07/19/07 14:02 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/19/07 14:05 EST		0	38.3N, 77.63W
Law Enforcement Officers reported a tree down at the intersection of Plank Road and Elys Ford Road in Chancellorsville.				
STAFFORD COUNTY				
4.0 NNE WIDEWATER	07/19/07 14:08 EST		0	Thunderstorm Wind (MG 55 kt)
	07/19/07 14:10 EST		0	38.5234N, 77.3017W
An Automated Surface Observation at Quantico Marine Corps Airfield measured a wind gust of 63 mph.				
KING GEORGE COUNTY				
FAIRVIEW BEACH	07/19/07 14:10 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/19/07 14:15 EST		0	38.33N, 77.25W
A Trained Spotter reported numerous trees down in Fairview Beach.				
A warm and moist air mass settled over the Mid Atlantic as a strong cold front approached the region from the Ohio Valley on July 19th. This allowed scattered thunderstorms to develop across north central Virginia during the early afternoon hours and spread east into Maryland through the evening. Several of these storms became severe, producing damaging winds that downed trees and power lines across the region.				
FREDERICK / WINCHESTER (VA-Z028), CLARKE (VA-Z031), MADISON (VA-Z039), FAUQUIER (VA-Z041), LOUDOUN (VA-Z042), ORANGE (VA-Z050), CULPEPER (VA-Z051), PRINCE WILLIAM / MANASSAS (VA-Z052), FAIRFAX (VA-Z053), ARLINGTON / ALEXANDRIA / FALLS CHURCH (VA-Z054)				
	07/24/07 00:00 EST		0	Drought
	07/31/07 23:59 EST		0	
A portion of the Mid Atlantic hydrologic service area experienced severe agricultural drought conditions from July 24th through the end of the month. This area included Orange County north to Frederick and Fairfax Counties. Using a combination of rainfall measurements and radar precipitation estimates, some locations averaged rainfall totals as high as 6 inches below normal. This led to some jurisdictions restricting water use. Damage estimates were not available due to current harvest progress. Several locations were included in primary natural disaster areas due to reductions in farm production. Sources of information included the Virginia Farm Service Agency and the National Drought Monitor.				
STAFFORD COUNTY				
3.0 E ROSEVILLE	07/29/07 14:55 EST		0	Thunderstorm Wind (EG 50 kt)
	07/29/07 14:55 EST		0	38.47N, 77.4646W
Law Enforcement reported a tree down on Shelton Shop Road east of Roseville, VA.				
LOUDOUN COUNTY				

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LEESBURG	07/29/07 15:27 EST		0	Hail (0.75 in)
	07/29/07 15:27 EST		0	39.12N, 77.55W

An NWS Employee reported penny size hail in Leesburg, VA.

SPOTSYLVANIA COUNTY

2.0 NE ALSOP	07/29/07 16:17 EST		0	Thunderstorm Wind (EG 50 kt)
	07/29/07 16:20 EST		0	38.2205N, 77.624W

Law Enforcement reported tree limbs down on Piney Branch Road at Cartherpin Road northeast of Alsop, VA.

KING GEORGE COUNTY

DAHLGREN	07/29/07 16:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/29/07 16:30 EST		0	38.33N, 77.05W

Law Enforcement reported trees down in Dahlgren, VA.

ORANGE COUNTY

GORDONSVILLE	07/29/07 17:00 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/29/07 17:05 EST		0	38.15N, 78.18W

Law Enforcement reported trees down in Gordonsville.

ALBEMARLE COUNTY

8.0 E STONY PT	07/29/07 17:12 EST		0	Thunderstorm Wind (EG 50 kt)
	07/29/07 17:12 EST		0	38.12N, 78.233W

Law Enforcement reported a tree down at Route 231 and Klockner Road in northeastern Albemarle County near the Orange County line.

CHARLOTTESVILLE (C) COUNTY

CHARLOTTESVILLE	07/29/07 17:33 EST		0	Hail (0.75 in)
	07/29/07 17:35 EST		0	38.03N, 78.5W

Broadcast Media reported penny size hail on Hydraulic Road in Charlottesville.

ALBEMARLE COUNTY

SHADWELL	07/29/07 17:50 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/29/07 17:55 EST		0	38.02N, 78.4W

Law Enforcement reported trees down in the eastern part of Albemarle County along Route 54 near Shadwell.

SPOTSYLVANIA COUNTY

5.0 NNE MASSAPONAX	07/29/07 18:02 EST		0	Flash Flood (due to Heavy Rain)
	07/29/07 19:00 EST		0	38.2468N, 77.4648W

Law Enforcement reported water over the road at Teton Drive and Landsdowne Road south of the City of Fredericksburg. A mudslide was also reported on Route 1.

ALBEMARLE COUNTY

2.0 N WOODRIDGE	07/29/07 18:15 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/29/07 18:15 EST		0	37.9289N, 78.45W

Law Enforcement reported trees down in the 2700 block of Route 53 in southeastern Albemarle County.

A cold front combined with an upper level low pressure system to trigger numerous showers and thunderstorms central and northern Virginia during the afternoon and evening of July 29th. Several of these storms became severe, producing damaging winds and large hail.

WEST VIRGINIA, East

BERKELEY (WV-Z052), JEFFERSON (WV-Z053)

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/07 00:00 EST		0	Drought
	07/31/07 23:59 EST		0	

A portion of the Mid Atlantic hydrologic service area experienced severe agricultural drought conditions from July 24th through the end of the month. This area included Berkeley and Jefferson Counties in the eastern pan handle of West Virginia. Using a combination of rainfall measurements and radar precipitation estimates, some locations averaged rainfall totals as high as 6 inches below normal. This led to some jurisdictions restricting water use. Damage estimates were not available due to current harvest progress.

MINERAL COUNTY

1.0 E KEYSER	07/27/07 13:50 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/27/07 13:50 EST		0	39.43N, 78.9613W

Law Enforcement reported trees down on Knobley Road off Route 46 east of Keyser, WV.

An upper level low pressure system drifted slowly from New England towards the Great Lakes for several days. This combined with a weak surface trough to trigger scattered showers and thunderstorms across the Mid Atlantic. One storm over Mineral County produced damaging winds that downed trees near Keyser, WV.

JEFFERSON COUNTY

HARPERS FERRY	07/28/07 19:15 EST		0	Hail (0.88 in)
	07/28/07 19:15 EST		0	39.33N, 77.73W

Law Enforcement reported nickel size hail in Harpers Ferry, WV.

JEFFERSON COUNTY

HARPERS FERRY	07/28/07 19:15 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/28/07 19:15 EST		0	39.33N, 77.73W

Law Enforcement reported trees down in Harpers Ferry, WV.

HAMPSHIRE COUNTY

ROMNEY	07/28/07 22:00 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/28/07 22:00 EST		0	39.35N, 78.75W

A Trained Spotter reported trees down in Romney, WV.

A cold front combined with an upper level low pressure system to trigger showers and thunderstorms along the Blue Ridge Mountains of West Virginia during the late evening hours of July 28th. Some of these storms became severe, producing damaging winds and large hail in Jefferson and Hampshire Counties.

JEFFERSON COUNTY

CHARLES TOWN	07/29/07 17:08 EST		0	Thunderstorm Wind (EG 50 kt)
	07/29/07 17:10 EST		0	39.3N, 77.85W

Law Enforcement reported tree limbs down in Charles Town, WV.

A cold front combined with an upper level low pressure system to trigger numerous showers and thunderstorms the eastern pan handle of West Virginia during the afternoon and evening of July 29th. A storm moving across Jefferson County became severe, producing damaging winds.