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

ATLANTIC NORTH		

CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 2.1 E PHILLIPS ARMY AIRFIELD [39.47, -76.13]

 09/16/10 15:30 EST
 0
 Marine Thunderstorm Wind (EG 40 kt)

 09/16/10 15:30 EST
 0
 Source: Other Federal Agency

Wind gust of 46 mph measured at Aberdeen Proving Ground.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- WASHINGTON NATIONALS PARK [38.87, -77.01]

09/17/10 00:09 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/17/10 00:09 EST 0 Source: Mesonet

A wind gust of over 30 knots was observed at the Washington Nationals Park.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD [38.22, -76.04]

09/17/10 02:06 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/17/10 02:07 EST 0 Source: Mesonet

Wind gusts of over 30 knots were observed at Bishops Head.

A decaying band of showers and thunderstorms crossed the Blue Ridge and produced isolated strong winds along the Tidal Potomac River in the Washington DC metropolitan area.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT [38.96, -76.45]

09/22/10 19:10 EST 0 Marine Thunderstorm Wind (MG 34 kt)

09/22/10 19:10 EST 0 Source: Buoy

Wind gust of 34 knots measured at Annapolis CBIBS buoy.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 N US NAVAL ACADEMY [38.99, -76.49]

09/22/10 19:33 EST 0 Marine Thunderstorm Wind (MG 38 kt)

09/22/10 19:48 EST 0 Source: ASOS

Wind gusts from 34 to 38 knots were measured at the Annapolis Naval Academy.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 6.3 SSW THOMAS POINT LIGHT [38.82, -76.50]

09/22/10 19:55 EST 0 Marine Thunderstorm Wind (EG 40 kt)

09/22/10 19:55 EST 0 Source: Public

Estimated wind gusts of 40 knots at Columbia Beach.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT [38.96, -76.45]

09/22/10 20:00 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/22/10 20:00 EST 0 Source: Buoy

Wind gust of 34 knots estimated at Annapolis CBIBS buoy.

An upper level disturbance and cold front moved out of the Ohio Valley into a very warm and relatively moist atmosphere in the Mid-Atlantic. Thunderstorms developed along this front as well as a lee trough during the afternoon. Instability, steep lapse rates, and moderate shear aided in some thunderstorms becoming severe, producing strong winds over the waters during the afternoon and evening.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.5 E CHESAPEAKE BEACH [38.69, -76.53]

09/28/10 05:00 EST 0 Marine Thunderstorm Wind (MG 35 kt)

09/28/10 05:10 EST 0 Source: Mesonet

Wind gusts to 35 mph were measured at Chesapeake Beach.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 1.0 SE CHESAPEAKE BEACH [38.68, -76.53]

09/28/10 05:10 EST 0 Source: NWS Employee

Page 1 of 15 Printed on: 12/28/2010

Location	Date/Time Deaths Injuries		Event Type and Details
Vind gusts to 35 mph were estimated sou	uth and southeast of Chesapeake Beach.		
- · · · · · · · · · · · · · · · · · · ·	aboard brought a warm, moisture-rich atmosph d across the Chesapeake Bay, thunderstorms d ce in some of these thunderstorms.		
PATUXENT RIVER TO BROOMES ISLAN	ID MD COUNTY 0.3 SW PATUXENT RIVER AS		
	09/30/10 08:12 EST	0	Marine Thunderstorm Wind (MG 34 kt) Source: ASOS
Wind gust of 34 knots measured at Patux	09/30/10 08:12 EST ent River Naval Air Station.	0	Source: ASOS
OUECAREAKE DAY CANDY BT TO N BE	A OU MD COUNTY OF ENDED BY DOINT 199	07. 70.403	
CHESAPEARE BAY SANDY PI TO N BE	EACH MD COUNTY GREENBERRY POINT [38 09/30/10 08:41 EST	.97, -76.46] 0	Marine Thunderstorm Wind (MG 34 kt)
	09/30/10 08:41 EST	0	Source: Buoy
Vind gust of 34 knots observed at Greent	bury Point.		
CHESAPEAKE BAY SANDY PT TO N BE	ACH MD COUNTY THOMAS POINT LIGHT [3	8.90, -76.44]	
	09/30/10 10:20 EST	0	Marine Thunderstorm Wind (EG 49 kt)
	09/30/10 10:20 EST	0	Source: Buoy
A wind gust of 48.7 knots was measured a	at Thomas Point Lighthouse.		
TANGIER SOUND AND THE INLAND WA	TERS SURROUNDING BLOODSWORTH ISLAN	D COUNTY BISHOPS	S HEAD [38.22, -76.04]
	09/30/10 15:16 EST	0	Marine Thunderstorm Wind (MG 34 kt)
			•
		0	Source: Buoy
· .		·	Source: Buoy
TANGIER SOUND AND THE INLAND WA	red at Bishops Head. ATERS SURROUNDING BLOODSWORTH ISLAN 09/30/10 16:24 EST 09/30/10 16:24 EST	D COUNTY BISHOPS	Source: Buoy S HEAD [38.22, -76.04] Marine Thunderstorm Wind (MG 36 kt)
TANGIER SOUND AND THE INLAND WA	red at Bishops Head. ATERS SURROUNDING BLOODSWORTH ISLAN 09/30/10 16:24 EST 09/30/10 16:24 EST	D COUNTY BISHOPS 0 0	Source: Buoy S HEAD [38.22, -76.04] Marine Thunderstorm Wind (MG 36 kt) Source: Buoy
TANGIER SOUND AND THE INLAND WA	red at Bishops Head. ATERS SURROUNDING BLOODSWORTH ISLAN 09/30/10 16:24 EST 09/30/10 16:24 EST hops Head. H PT VA COUNTY LEWISETTA [38.00, -76.47	D COUNTY BISHOPS 0 0	Source: Buoy S HEAD [38.22, -76.04] Marine Thunderstorm Wind (MG 36 kt)
TANGIER SOUND AND THE INLAND WA	red at Bishops Head. ATERS SURROUNDING BLOODSWORTH ISLAN 09/30/10 16:24 EST 09/30/10 16:24 EST hops Head. H PT VA COUNTY LEWISETTA [38.00, -76.47 09/30/10 21:48 EST 09/30/10 21:48 EST	D COUNTY BISHOPS 0 0	Source: Buoy S HEAD [38.22, -76.04] Marine Thunderstorm Wind (MG 36 kt) Source: Buoy Marine Thunderstorm Wind (MG 35 kt)
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A surface low pressure system moved northward up the eastern seaboard along a north-to-south oriented stationary front. Very moist low level atmosphere and 70 knot southeasterly winds combined with modest instability to produce strong winds in the strongest

thunderstorms that developed.

Page 2 of 15 Printed on: 12/28/2010

Event Type and Details Location Date/Time Deaths & Property & Injuries Crop Dma

DISTRICT OF COLUMBIA

DISTRICT OF COLUMBIA COUNTY --- 1.2 N LINCOLN MEMORIAL [38.90, -77.05], 1.0 N LINCOLN MEMORIAL [38.89, -77.05], 1.2 N LINCOLN

MEMORIAL [38.90, -77.05], 1.4 N LINCOLN MEMORIAL [38.90, -77.05]

09/30/10 07:30 EST 0 Flash Flood (due to Heavy Rain)

09/30/10 09:15 EST O Source: Broadcast Media

Virginia Avenue NW was closed between 21st and 25th Streets due to flash flooding. A nearby rain gage measured 4.84 inches of storm total rainfall.

DISTRICT OF COLUMBIA COUNTY --- 0.7 S BROOKLAND [38.92, -77.00], 0.8 S BROOKLAND [38.92, -77.00], 0.7 SSE BROOKLAND [38.92, -77.00], 0.6

SSE BROOKLAND [38.92, -77.00]

09/30/10 10:00 EST 0 Flash Flood (due to Heavy Rain) 09/30/10 14:15 EST 0 Source: Broadcast Media

Rhode Island Avenue NE was closed near the Rhode Island Avenue METRO Station. High water rescues were underway. A cooperative observer near the event measured 4.67" of rain.

A rich plume of tropical moisture, originating from the western Caribbean Sea, spread northward along the east coast of the United States. Tropical Storm Nicole developed over the northwest Caribbean Sea. Though Nicole dissipated shortly after crossing Cuba, her associated moisture was funneled into another area of low pressure that developed along the Carolina coastline. Bands of heavy rain began to rapidly move into the District of Columbia just after midnight on Thursday morning, September 30. After the initial low pressure passed north of the area late Thursday morning after producing up to 4 inches of rain, a brief lull in precipitation occurred Thursday afternoon, before the remnant circulation of Tropical Storm Nicole moved up the Delmarva Peninsula, reinvigorating heavy rainfall. Storm total rainfall exceeded 5 inches, with a measured total of 5.59 inches being observed in the Eckington neighborhood.

MARYLAND, Central

WASHINGTON COUNTY 0.7 N SHARPSBURG [39.46, -77.75]
--

09/16/10 22:30 EST 2K Thunderstorm Wind (EG 50 kt) 09/16/10 22:30 EST 0 Source: Fire Department/Rescue

A tree fell onto wires along Harpers Ferry Road in Sharpsburg.

A low pressure tracked eastward through the Great Lakes and into New York. An unstable and favorably sheared atmosphere west of the Appalachian mountains supported thunderstorm development during the afternoon. These thunderstorms weakened as they crossed the mountains into western Maryland, but still managed to produce isolated wind damage in Washington County.

	' 0.7 N WHITEFORD	[20 74 76 25]
HARLOND COOM I	U./ N WITH EFORD	[33.11, "10.33]

09/22/10 16:22 EST 5K Thunderstorm Wind (EG 61 kt) 09/22/10 16:22 EST 0 Source: Trained Spotter

Numerous trees down near Whiteford.

MONTGOMERY COUNTY --- 0.7 N KEMP MILL [39.04, -77.02]

09/22/10 18:34 EST 0 Thunderstorm Wind (MG 50 kt)

0 09/22/10 18:34 EST Source: Mesonet

A wind gusts of 58 mph was measured 1 mile north-northwest of Four Corners.

ANNE ARUNDEL COUNTY --- 1.5 SSE (FME)TIPTON AAF FT M [39.05, -76.74]

Thunderstorm Wind (EG 52 kt) 09/22/10 18:53 EST 1K

09/22/10 18:53 EST 0 Source: State Official

A tree was down at Piney Orchard and Patuxent Road.

ANNE ARUNDEL COUNTY --- 1.5 SSW ODENTON [39.06, -76.71]

09/22/10 18:56 EST 1K Thunderstorm Wind (EG 52 kt)

09/22/10 18:56 EST 0 Source: Trained Spotter

> 12/28/2010 Page 3 of 15 Printed on:

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Tree branches were broken by strong th	nunderstorm wind 1 mile west-southwe	est of Odenton.		
ANNE ARUNDEL COUNTY 0.7 S MIL			417	There developes MS at 450, 50 LV
	09/22/10 18:57 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/22/10 18:57 EST		0	Source: State Official
A tree was down at Maryland Route 3 at	nd St. Stephens Church Road.			
PRINCE GEORGE'S COUNTY 0.7 S	HILLMEADE [38.96, -76.80]			
	09/22/10 19:02 EST		2K	Thunderstorm Wind (EG 56 kt)
	09/22/10 19:02 EST		0	Source: State Official
Several trees were down on Point Way	2 miles south of Glen Dale.			
ANNE ARUNDEL COUNTY 1.3 WSW	/ CROFTON [38.99, -76.67]			
	09/22/10 19:08 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/22/10 19:08 EST		0	Source: State Official
A tree was down at Maryland Route 424	and Maryland Route 450 2 miles sou	theast of Crofton.		
HARFORD COUNTY 0.7 S BLACK H	ORSE [39.61, -76.55]			
	09/22/10 19:13 EST		2K	Thunderstorm Wind (EG 56 kt)
	09/22/10 19:13 EST		0	Source: State Official
Trees were down along Old York Road	4 miles east-northeast of Monkton.			
HARFORD COUNTY 0.9 NE MADON	NA [39.63, -76.51]			
	09/22/10 19:14 EST		3K	Thunderstorm Wind (EG 56 kt)
	09/22/10 19:14 EST		0	Source: State Official
Multiple trees were down at Madonna R	oad and Cox Road 3 miles northwest	of Jarrettsville.		
PRINCE GEORGE'S COUNTY 1.5 N	NE MITCHELLVILLE [38.94, -76.74]			
	09/22/10 19:16 EST		2K	Thunderstorm Wind (EG 56 kt)
	09/22/10 19:16 EST		0	Source: State Official
Several trees were down on Northview I	Drive 1 mile south of Bowie.			
PRINCE GEORGE'S COUNTY 2.5 NE	E MITCHELLVILLE [38.95, -76.72]			
	09/22/10 19:18 EST		3K	Thunderstorm Wind (EG 61 kt)
	09/22/10 19:18 EST		0	Source: Law Enforcement
Numerous trees were down near retail lo	ocations along the 4100 block of Crain	n Highway.		
PRINCE GEORGE'S COUNTY 2.6 NE	E MITCHELLVILLE [38.95, -76.72]			
	09/22/10 19:18 EST		3K	Thunderstorm Wind (EG 56 kt)
	09/22/10 19:18 EST		0	Source: State Official
Multiple trees down near the intersection	n of Governors Bridge Road and U.S.	301.		
PRINCE GEORGE'S COUNTY 3.0 NE	E MITCHELLVILLE [38.9576.71]			
	09/22/10 19:18 EST		3K	Thunderstorm Wind (EG 61 kt)
	09/22/10 19:18 EST		0	Source: State Official
Numerous trees were down near U.S. 3		st-southeast of Bow		
ANNE ADJINDEJ COLINTY 4 2 MAIN	/ DAVIDSONVII I E 139 02 - 76 651			
ANNE ARUNDEL COUNTY 1.3 WNW	09/22/10 19:29 EST		1K	Thunderstorm Wind (EG 56 kt)
	09/22/10 19:29 EST		0	Source: State Official
	33.22/10 10.20 231		ŭ	2220. 0

 $A tree \ was \ down \ at \ the \ intersection \ of \ Mount \ Airy \ Road \ and \ Royal \ Glen \ Avenue \ 1 \ mile \ west-northwest \ of \ Davidsonville.$

Page 4 of 15 Printed on: 12/28/2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNE ARUNDEL COUNTY 0.7 S RUTLANI	D [38 96 -76 63]			
ANNE ANONDEE GOONT U.7 G NOTEAN	09/22/10 19:31 EST		1K	Thunderstorm Wind (EG 61 kt)
	09/22/10 19:31 EST		0	Source: Public
Several trees had their tops sheared off. Many	large branches were also snap	ped 2 miles west-n	orthwest of Riva.	
BALTIMORE COUNTY 0.9 NW HYDES [39.	•			
	09/22/10 19:40 EST		5K	Thunderstorm Wind (EG 65 kt)
	09/22/10 19:40 EST		0	Source: Public
Multiple large trees were downed. Trees were	snapped off at the tops and mar	ny large limbs were	e down 1 mile west-	-northwest of Hydes.
BALTIMORE COUNTY 0.5 E LONG GREEN	N [39.47, -76.52]			
	09/22/10 19:41 EST		5K	Thunderstorm Wind (EG 70 kt)
	09/22/10 19:41 EST		0	Source: Public
Multiple trees were down in Long Green.				
BALTIMORE COUNTY 0.7 S BALDWIN [39	- · · · ·			
	09/22/10 19:45 EST		3K	Thunderstorm Wind (EG 56 kt)
	09/22/10 19:45 EST		0	Source: Post Office
ANNE ARUNDEL COUNTY 0.9 NW CUMBE	ERSTONE [38.86, -76.56] 09/22/10 19:51 EST 09/22/10 19:51 EST		2K 0	Thunderstorm Wind (EG 52 kt) Source: Public
Two large trees downed and fell onto powerlin	09/22/10 19:51 EST 09/22/10 19:51 EST es at the corner of Muddy Creek		0 erstone Road 1 mile	Source: Public e northwest of Galesville.
Two large trees downed and fell onto powerlin An upper level disturbance and cold front m Mid-Atlantic. Thunderstorms developed alon	09/22/10 19:51 EST 09/22/10 19:51 EST es at the corner of Muddy Creek oved out of the Ohio Valley into g this front as well as a lee tro	o a very warm and ugh during the aft	0 erstone Road 1 mile relatively moist a ernoon. Instability	Source: Public e northwest of Galesville. tmosphere in the r, steep lapse rates, and
Two large trees downed and fell onto powerling An upper level disturbance and cold front mandle. Mid-Atlantic. Thunderstorms developed alone moderate shear aided in some thunderstorm MONTGOMERY COUNTY 1.1 NE WESTMO	09/22/10 19:51 EST 09/22/10 19:51 EST es at the corner of Muddy Creek oved out of the Ohio Valley into g this front as well as a lee tro as becoming severe, producing	o a very warm and ugh during the aft I damaging winds	0 erstone Road 1 mile I relatively moist a ernoon. Instability during the evening	Source: Public e northwest of Galesville. tmosphere in the r, steep lapse rates, and g.
Two large trees downed and fell onto powerling An upper level disturbance and cold front machine developed along moderate shear aided in some thunderstorm MONTGOMERY COUNTY 1.1 NE WESTMO	09/22/10 19:51 EST 09/22/10 19:51 EST es at the corner of Muddy Creek oved out of the Ohio Valley into g this front as well as a lee tro as becoming severe, producing	o a very warm and ugh during the aft I damaging winds	0 erstone Road 1 mile I relatively moist a ernoon. Instability during the evening	Source: Public e northwest of Galesville. tmosphere in the r, steep lapse rates, and g.
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Two large trees downed and fell onto powerling. An upper level disturbance and cold front media. Thunderstorms developed along moderate shear aided in some thunderstorm. MONTGOMERY COUNTY 1.1 NE WESTMO PARK [39.08, -77.12] Flash Flooding was reported at the intersection Early in the last week of September, a rich plalong the east coast of the United States. As to heavy rain fell across the Mid-Atlantic September, County, Maryland. ST. MARY'S COUNTY 0.7 N BEAUVUE [3876.62], 0.3 S BEAUVUE [38.25, -76.63]	09/22/10 19:51 EST 09/22/10 19:51 EST es at the corner of Muddy Creek oved out of the Ohio Valley into g this front as well as a lee tro as becoming severe, producing ORE [39.11, -77.13], 1.8 W NORE 09/27/10 12:21 EST 09/27/10 14:21 EST of Route 28 and Avery Road. This moisture interacted with a otember 27. Rainfall amounts of the Company of the Com	o a very warm and ugh during the aft damaging winds BECK [39.12, -77.1 There was also addinating from the was a stationary bound of 2 to 4 inches ca	orstone Road 1 miles relatively moist a ernoon. Instability during the evening 1], 0.8 NNW TWIN 0 0 ditional flooding alouestern Caribbean s dary across Virgini used minor isolate V REDGATE [38.27 0 0 ed up to 7" of rainfa	Source: Public e northwest of Galesville. tmosphere in the r, steep lapse rates, and g. BROOK [39.08, -77.10], 0.5 N AUTREY Flash Flood (due to Heavy Rain) Source: Emergency Manager Ing Rock Creek. Sea, spread northward ia, widespread moderate and flash flooding in 7, -76.61], 0.6 E BEAUVUE [38.25, Flash Flood (due to Heavy Rain) Source: State Official
Two large trees downed and fell onto powerline. An upper level disturbance and cold front medid-Atlantic. Thunderstorms developed alon moderate shear aided in some thunderstorm. MONTGOMERY COUNTY 1.1 NE WESTMOPARK [39.08, -77.12] Flash Flooding was reported at the intersection early in the last week of September, a rich plalong the east coast of the United States. As to heavy rain fell across the Mid-Atlantic Septembery County, Maryland. ST. MARY'S COUNTY 0.7 N BEAUVUE [38-76.62], 0.3 S BEAUVUE [38-25, -76.63]	09/22/10 19:51 EST 09/22/10 19:51 EST es at the corner of Muddy Creek oved out of the Ohio Valley into g this front as well as a lee tro as becoming severe, producing ORE [39.11, -77.13], 1.8 W NORE 09/27/10 12:21 EST 09/27/10 14:21 EST of Route 28 and Avery Road. This moisture interacted with a otember 27. Rainfall amounts of the Company of the Com	o a very warm and ugh during the aft damaging winds BECK [39.12, -77.1 There was also addinating from the was a stationary bound of 2 to 4 inches ca	orstone Road 1 miles relatively moist a ernoon. Instability during the evening 1], 0.8 NNW TWIN 0 0 ditional flooding alouestern Caribbean s dary across Virgini used minor isolate V REDGATE [38.27 0 0 ed up to 7" of rainfa	Source: Public e northwest of Galesville. tmosphere in the r, steep lapse rates, and g. BROOK [39.08, -77.10], 0.5 N AUTREY Flash Flood (due to Heavy Rain) Source: Emergency Manager Ing Rock Creek. Sea, spread northward ia, widespread moderate and flash flooding in 7, -76.61], 0.6 E BEAUVUE [38.25, Flash Flood (due to Heavy Rain) Source: State Official
Two large trees downed and fell onto powerline. An upper level disturbance and cold front medid-Atlantic. Thunderstorms developed along moderate shear aided in some thunderstorm. MONTGOMERY COUNTY 1.1 NE WESTMOPARK [39.08, -77.12] Flash Flooding was reported at the intersection are in the last week of September, a rich platong the east coast of the United States. As to heavy rain fell across the Mid-Atlantic September, and following was reported at the intersection and the east coast of the United States. As to heavy rain fell across the Mid-Atlantic September, and following the east coast of the United States. As to heavy rain fell across the Mid-Atlantic September, and following the east coast of the United States. As to heavy rain fell across the Mid-Atlantic September, and following the east coast of the United States. As the was reported over Route 244. At the time CALVERT COUNTY 0.7 N NORTH BEACH	09/22/10 19:51 EST 09/22/10 19:51 EST es at the corner of Muddy Creek oved out of the Ohio Valley into g this front as well as a lee tro as becoming severe, producing ORE [39.11, -77.13], 1.8 W NORE 09/27/10 12:21 EST 09/27/10 14:21 EST of Route 28 and Avery Road. This moisture interacted with a otember 27. Rainfall amounts of the Company of the Com	o a very warm and ugh during the aft damaging winds BECK [39.12, -77.1 There was also addinating from the was a stationary bound of 2 to 4 inches ca	orstone Road 1 miles relatively moist a ernoon. Instability during the evening 1], 0.8 NNW TWIN 0 0 ditional flooding alouestern Caribbean s dary across Virgini used minor isolate V REDGATE [38.27 0 0 ed up to 7" of rainfa	Source: Public e northwest of Galesville. tmosphere in the r, steep lapse rates, and g. BROOK [39.08, -77.10], 0.5 N AUTREY Flash Flood (due to Heavy Rain) Source: Emergency Manager Ing Rock Creek. Sea, spread northward ia, widespread moderate and flash flooding in 7, -76.61], 0.6 E BEAUVUE [38.25, Flash Flood (due to Heavy Rain) Source: State Official

Page 5 of 15 Printed on: 12/28/2010

BALTIMORE COUNTY --- 1.4 NE DUNDALK [39.28, -76.50], 1.6 NE DUNDALK [39.29, -76.50], 1.8 ENE DUNDALK [39.28, -76.49], 1.5 ENE DUNDALK

Several roads were flooding in North Beach. At the time of the report, a rain gage measured 6.30" near the event.

[39.28, -76.50]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/30/10 05:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 06:00 EST		0	Source: County Official
lorth Point Road was closed between 0	German Hill Road and Willow Road. A ı	mesonet site meas	sured 8.47 inches o	f rain near the event.
MONTGOMERY COUNTY 0.3 W FRI 77.10], 0.7 WSW FRIENDSHIP HGTS [ENDSHIP HGTS [38.97, -77.09], 0.9 NN	NW FRIENDSHIP H	IGTS [38.98, -77.09	9], 1.1 NW FRIENDSHIP HGTS [38.98,
	09/30/10 06:14 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 09:15 EST		0	Source: Amateur Radio
Southbound lanes of Wisconsin Avenue	e were closed. A rain gage near the are	ea measured 3.72	inches.	
	DGATE [38.28, -76.62], 0.6 W REDGAT	E [38.27, -76.61], ().8 NE BEAUVUE [[38.26, -76.62], 0.7 N BEAUVUE [38.26,
-76.63]	09/30/10 06:20 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 09:15 EST		0	Source: Trained Spotter
				Coalical Hamilea opens.
Medley's Neck Road was closed due to	flooding. A rainfall report of 10.64 inch	es was received ne	ear the area.	
ANNE ARUNDEL COUNTY 0.7 NNW CROFTON [38.99, -76.63]	/ LUSBY XRDS [38.99, -76.60], 0.7 W L	USBY XRDS [38.9	8, -76.61], 0.9 SE (CROFTON [38.99, -76.64], 1.0 ESE
	09/30/10 06:30 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 09:15 EST		0	Source: Broadcast Media
Route 450 was closed due to high wate	er at Huntwood Drive. A rain gage in the	e area measured 9	.79 inches.	
BALTIMORE COUNTY 1.3 ENE DUN	NDALK [39.28, -76.50], 1.4 NE DUNDAL	_K [39.29, -76.50],	1.4 NNE DUNDALI	K [39.29, -76.51], 1.1 NE DUNDALK
[39.28, -76.51]				
00.20, -70.01]			_	
00.20, -10.01	09/30/10 08:00 EST		0	Flash Flood (due to Heavy Rain)
(00.20, -10.01)	09/30/10 08:00 EST 09/30/10 11:15 EST		0	Flash Flood (due to Heavy Rain) Source: Trained Spotter
	09/30/10 11:15 EST	in the area measu	0	
Spotter observed 6 to 12 inches of flowi	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage		0 red 8.51 inches.	Source: Trained Spotter
Spotter observed 6 to 12 inches of flowi	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA		0 red 8.51 inches.	Source: Trained Spotter VARDOUR [39.01, -76.49], 0.8 WNW
Spotter observed 6 to 12 inches of flowi	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage		0 red 8.51 inches.	Source: Trained Spotter VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain)
Spotter observed 6 to 12 inches of flowing the served 6 to 12 inches of flowing the served flowing the serve	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST	RGARETS [39.01,	0 ared 8.51 inches. -76.48], 0.7 NNE V 0 0	VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter
Spotter observed 6 to 12 inches of flowing anneal ANNE ARUNDEL COUNTY 0.7 N ARARNOLD [39.03, -76.51] One foot of standing water was observed from the area.	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at	RGARETS [39.01,	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 0 oute 50 and Route	Source: Trained Spotter VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also
Spotter observed 6 to 12 inches of flowing annear ARNOLD [39.03, -76.51] One foot of standing water was observed received from the area.	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at	RGARETS [39.01,	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE	Source: Trained Spotter VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N
Spotter observed 6 to 12 inches of flowing annear ARUNDEL COUNTY 0.7 N AFARNOLD [39.03, -76.51] One foot of standing water was observed received from the area.	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST	RGARETS [39.01,	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE	Source: Trained Spotter VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain)
Spotter observed 6 to 12 inches of flowing annear ARNOLD [39.03, -76.51] One foot of standing water was observed received from the area. MONTGOMERY COUNTY 0.7 N TAKTAKOMA PARK [38.99, -77.00]	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST 09/30/10 14:15 EST	RGARETS [39.01, the junction with R	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE 0 0	Source: Trained Spotter VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain) Source: Broadcast Media
Spotter observed 6 to 12 inches of flowing annear ARUNDEL COUNTY 0.7 N ARARNOLD [39.03, -76.51] One foot of standing water was observed received from the area. MONTGOMERY COUNTY 0.7 N TAKTAKOMA PARK [38.99, -77.00]	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST 09/30/10 14:15 EST	the junction with R KOMA PARK [38.9	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE 0 0 ived of 5.57 inches	VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain) Source: Broadcast Media
ANNE ARUNDEL COUNTY 0.7 N ARARNOLD [39.03, -76.51] One foot of standing water was observed eceived from the area. MONTGOMERY COUNTY 0.7 N TAKETAKOMA PARK [38.99, -77.00] Flash flooding was reported along Sligo	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST 09/30/10 14:15 EST	the junction with R KOMA PARK [38.9	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE 0 0 ived of 5.57 inches	VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain) Source: Broadcast Media
ANNE ARUNDEL COUNTY 0.7 N ARARNOLD [39.03, -76.51] One foot of standing water was observed from the area. MONTGOMERY COUNTY 0.7 N TAKETAKOMA PARK [38.99, -77.00] Flash flooding was reported along Sligonal County 0.7 N POPLA	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST 09/30/10 14:15 EST	the junction with R KOMA PARK [38.9	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE 0 0 ived of 5.57 inches	VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain) Source: Broadcast Media
Spotter observed 6 to 12 inches of flowing annear Arnold [39.03, -76.51] One foot of standing water was observed received from the area. MONTGOMERY COUNTY 0.7 N TAKTAKOMA PARK [38.99, -77.00] Flash flooding was reported along Sligonal Arnold Flash flooding Was reported Arno	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST 09/30/10 14:15 EST o Creek Parkway. A rainfall report from	the junction with R KOMA PARK [38.9	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE 0 0 ived of 5.57 inches	Source: Trained Spotter VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain) Source: Broadcast Media
Spotter observed 6 to 12 inches of flowing ANNE ARUNDEL COUNTY 0.7 N ARARNOLD [39.03, -76.51] One foot of standing water was observed received from the area. MONTGOMERY COUNTY 0.7 N TAKTAKOMA PARK [38.99, -77.00] Flash flooding was reported along Sligonal BALTIMORE COUNTY 0.7 N POPLATE POPLAR [39.36, -76.46]	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST 09/30/10 14:15 EST o Creek Parkway. A rainfall report from AR [39.36, -76.45], 0.8 SW WHITE MAR 09/30/10 12:30 EST 09/30/10 16:15 EST	the junction with R KOMA PARK [38.9 the area was rece	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE 0 0 ived of 5.57 inches 0 0.9 WSW WHITE I	VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain) Source: Broadcast Media . MARSH [39.38, -76.45], 0.8 NW Flash Flood (due to Heavy Rain)
Spotter observed 6 to 12 inches of flowing ANNE ARUNDEL COUNTY 0.7 N ARARNOLD [39.03, -76.51] One foot of standing water was observed received from the area. MONTGOMERY COUNTY 0.7 N TAKTAKOMA PARK [38.99, -77.00] Flash flooding was reported along Sligonal BALTIMORE COUNTY 0.7 N POPLATE [39.36, -76.46]	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST 09/30/10 14:15 EST o Creek Parkway. A rainfall report from AR [39.36, -76.45], 0.8 SW WHITE MAR 09/30/10 12:30 EST 09/30/10 16:15 EST pell Blvd. A rain gage in the region mea	the junction with R KOMA PARK [38.4 the area was rece SH [39.37, -76.44],	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE 0 0 ived of 5.57 inches 0.9 WSW WHITE I 0 0	VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain) Source: Broadcast Media MARSH [39.38, -76.45], 0.8 NW Flash Flood (due to Heavy Rain) Source: Trained Spotter
Spotter observed 6 to 12 inches of flowing annual and annual annu	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST 09/30/10 14:15 EST o Creek Parkway. A rainfall report from AR [39.36, -76.45], 0.8 SW WHITE MAR 09/30/10 12:30 EST 09/30/10 16:15 EST pell Blvd. A rain gage in the region mea	the junction with R KOMA PARK [38.4 the area was rece SH [39.37, -76.44],	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE 0 0 ived of 5.57 inches 0.9 WSW WHITE I 0 0 n.	VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain) Source: Broadcast Media MARSH [39.38, -76.45], 0.8 NW Flash Flood (due to Heavy Rain) Source: Trained Spotter
Spotter observed 6 to 12 inches of flowing ANNE ARUNDEL COUNTY 0.7 N ARARNOLD [39.03, -76.51] One foot of standing water was observed received from the area. MONTGOMERY COUNTY 0.7 N TAKE TAKOMA PARK [38.99, -77.00] Flash flooding was reported along Sligode BALTIMORE COUNTY 0.7 N POPLA POPLAR [39.36, -76.46] Route 7 was closed just west of Campbe BALTIMORE COUNTY 1.3 ENE POPLAR [39.16, -70.45]	09/30/10 11:15 EST ing water over Merritt Blvd. A rain gage RNOLD [39.04, -76.50], 1.2 SSW ST MA 09/30/10 09:30 EST 09/30/10 15:30 EST ed on southbound Maryland Route 2 at COMA PARK [38.98, -77.00], 0.9 NE TA 09/30/10 10:00 EST 09/30/10 14:15 EST o Creek Parkway. A rainfall report from AR [39.36, -76.45], 0.8 SW WHITE MAR 09/30/10 12:30 EST 09/30/10 16:15 EST pell Blvd. A rain gage in the region mea	the junction with R KOMA PARK [38.4 the area was rece SH [39.37, -76.44],	0 red 8.51 inches. -76.48], 0.7 NNE V 0 0 oute 50 and Route 98, -76.99], 1.0 NE 0 0 ived of 5.57 inches 0.9 WSW WHITE I 0 0	VARDOUR [39.01, -76.49], 0.8 WNW Flood (due to Heavy Rain) Source: Trained Spotter 450. A rainfall report of 10.49 was also TAKOMA PARK [38.98, -76.99], 1.1 N Flash Flood (due to Heavy Rain) Source: Broadcast Media MARSH [39.38, -76.45], 0.8 NW Flash Flood (due to Heavy Rain) Source: Trained Spotter

Page 6 of 15 Printed on: 12/28/2010

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY 0.9 NE UTI	CA [39.54, -77.39], 0.9 NNE UTICA [39.54	ı, -77.39], 1.1 NE U	=	
	09/30/10 12:45 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 16:15 EST		0	Source: State Official
ntersection of Bottomly Road and Wi	lhide Road was closed due to flash floodi	ng. A rain gage in	the area measured	1 4.34 inches.
FREDERICK COUNTY 1.7 WNW S SAMS CREEK [39.50, -77.13], 1.8 WI	AMS CREEK [39.51, -77.13], 1.5 NW SANW SANS CREEK [39.51, -77.13]	MS CREEK [39.51	, -77.12], 1.4 WNW	SAMS CREEK [39.51, -77.12], 1.8 W
	09/30/10 12:45 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 15:15 EST		0	Source: State Official
Maryland Route 31 was closed at the	bridge over Sams Creek, which was ove	rflowing its banks.	A rain gage in the a	area observed 4.60 inches of rain.
HOWARD COUNTY 0.9 NW HANC [39.18, -76.73]	OVER [39.19, -76.74], 0.9 ESE ELK RIDGI	E [39.21, -76.70], 1	.1 ESE ELK RIDGE	[39.21, -76.70], 0.2 WSW HANOVER
56.16, 76.761	09/30/10 15:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 17:15 EST		0	Source: State Official
Flash Flooding was reported in the viarea.	cinity of Race Road, Furnance Road, and	Park Center Drive	e. A rainfall report o	f 6.18 inches was received from the
ST. MARY'S COUNTY 0.7 N GREA	AT MILLS [38.24, -76.50], 0.5 NE GREAT	MILLS [38.24, -76.	.49], 0.5 N GREAT	MILLS [38.24, -76.50], 0.6 N GREAT
[0012-1, -10.00]	09/30/10 15:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 15:30 EST		0	Source: State Official
		hoo		
Route 5 was closed in Great Mills. A	rain gage in the area measured 12.97 inc	iles.		
ST. MARY'S COUNTY 0.7 N GREA	AT MILLS [38.24, -76.50], 1.8 NNW CALL		53], 2.7 S LNRDTV	/N ST MARYS ARP [38.28, -76.55],
ST. MARY'S COUNTY 0.7 N GREA	AT MILLS [38.24, -76.50], 1.8 NNW CALL		53], 2.7 S LNRDTV	VN ST MARYS ARP [38.28, -76.55], Flash Flood (due to Heavy Rain)
ST. MARY'S COUNTY 0.7 N GREA	AT MILLS [38.24, -76.50], 1.8 NNW CALL		_	
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51	AT MILLS [38.24, -76.50], 1.8 NNW CALL] 09/30/10 15:00 EST	AWAY [38.26, -76.	0	Flash Flood (due to Heavy Rain)
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51 Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN	AT MILLS [38.24, -76.50], 1.8 NNW CALL] 09/30/10 15:00 EST 09/30/10 15:30 EST	AWAY [38.26, -76. otal of 12.87 inche	0 0 s.	Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51 Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN	AT MILLS [38.24, -76.50], 1.8 NNW CALL] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to the storm of the storm o	AWAY [38.26, -76. otal of 12.87 inche	0 0 s. J, 0.9 N ST INIGOES	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51 Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN	AT MILLS [38.24, -76.50], 1.8 NNW CALL] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm t	AWAY [38.26, -76. otal of 12.87 inche	0 0 s.	Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51 Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40]	AT MILLS [38.24, -76.50], 1.8 NNW CALL [] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to 1600 [38.16, -76.40], 0.8 NNE ST INIGO 09/30/10 15:00 EST	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40]	0 0 s. I, 0.9 N ST INIGOES	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain)
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51 Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40]	AT MILLS [38.24, -76.50], 1.8 NNW CALL] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to IGOES [38.16, -76.40], 0.8 NNE ST INIGO 09/30/10 15:00 EST 09/30/10 15:30 EST ain gage in the area observed 14.07 inch	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40]	0 0 s. j, 0.9 n st inigoes 0 0	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51 Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40]	09/30/10 15:00 EST 09/30/10 15:30 EST WOS site in the area observed a storm to 1GOES [38.16, -76.40], 0.8 NNE ST INIGO 09/30/10 15:30 EST 09/30/10 15:30 EST	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40]	0 0 s. j, 0.9 n st inigoes 0 0	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51 Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40] Route 5 was closed at Villa Road. A r	AT MILLS [38.24, -76.50], 1.8 NNW CALL] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to IGOES [38.16, -76.40], 0.8 NNE ST INIGO 09/30/10 15:00 EST 09/30/10 15:30 EST ain gage in the area observed 14.07 inch	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40]	0 0 s. j, 0.9 n st inigoes 0 0	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51 Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40]	09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to IGOES [38.16, -76.40], 0.8 NNE ST INIGO 09/30/10 15:00 EST 09/30/10 15:30 EST ain gage in the area observed 14.07 inch	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40]	0 0 s. J, 0.9 N ST INIGOES 0 0	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official TE [38.27, -76.61], 0.9 WNW REDGATE
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51 ndian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40] Route 5 was closed at Villa Road. A r ST. MARY'S COUNTY 0.9 NW REI [38.28, -76.61]	09/30/10 15:00 EST 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to IGOES [38.16, -76.40], 0.8 NNE ST INIGO 09/30/10 15:00 EST 09/30/10 15:30 EST ain gage in the area observed 14.07 inch DGATE [38.28, -76.61], 0.5 WNW REDGA 09/30/10 15:00 EST	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40] es.	0 0 s. I, 0.9 N ST INIGOES 0 0 0	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official TE [38.27, -76.61], 0.9 WNW REDGATE Flash Flood (due to Heavy Rain)
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51] Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40] Route 5 was closed at Villa Road. A r ST. MARY'S COUNTY 0.9 NW REI [38.28, -76.61]	09/30/10 15:00 EST 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to IGOES [38.16, -76.40], 0.8 NNE ST INIGO 09/30/10 15:30 EST 09/30/10 15:30 EST ain gage in the area observed 14.07 inch DGATE [38.28, -76.61], 0.5 WNW REDGA 09/30/10 15:00 EST 09/30/10 15:30 EST	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40] es. TE [38.27, -76.61]	0 0 s. 1, 0.9 N ST INIGOES 0 0 , 0.8 WNW REDGA 0 0	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official TE [38.27, -76.61], 0.9 WNW REDGATE Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREAD 2.4 SSW CALIFORNIA [38.27, -76.51] Indian Bridge Road was closed. An ASST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40] Route 5 was closed at Villa Road. A rest. MARY'S COUNTY 0.9 NW REST. MARY'S COUNTY 0.9 NW REST. MARY'S COUNTY 0.9 SE GREST.	AT MILLS [38.24, -76.50], 1.8 NNW CALL [] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to the site of th	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40] es. TE [38.27, -76.61]	0 0 s. , 0.9 N ST INIGOES 0 0 , 0.8 WNW REDGA 0 0 orain.	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official TE [38.27, -76.61], 0.9 WNW REDGATE Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREA 2.4 SSW CALIFORNIA [38.27, -76.51] Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40] Route 5 was closed at Villa Road. A r ST. MARY'S COUNTY 0.9 NW REI [38.28, -76.61] Intersection of Route 5 and Route 24	AT MILLS [38.24, -76.50], 1.8 NNW CALL [] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to the storm of the storm	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40] es. TE [38.27, -76.61]	0 0 s. 1, 0.9 N ST INIGOES 0 0 , 0.8 WNW REDGA 0 0	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official TE [38.27, -76.61], 0.9 WNW REDGATE Flash Flood (due to Heavy Rain) Source: State Official
2.4 SSW CALIFORNIA [38.27, -76.51 Indian Bridge Road was closed. An A ST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40] Route 5 was closed at Villa Road. A r ST. MARY'S COUNTY 0.9 NW REI [38.28, -76.61] Intersection of Route 5 and Route 24 ST. MARY'S COUNTY 0.9 SE GREAT MILLS [38.22, -76.49]	AT MILLS [38.24, -76.50], 1.8 NNW CALL [] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to the site of th	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40] es. ITE [38.27, -76.61]	0 0 s. s. I, 0.9 N ST INIGOES 0 0 0 rain.	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official TE [38.27, -76.61], 0.9 WNW REDGATE Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREAZ.4 SSW CALIFORNIA [38.27, -76.51] Indian Bridge Road was closed. An ASST. MARY'S COUNTY 0.7 N ST IN [38.16, -76.40] Route 5 was closed at Villa Road. An ST. MARY'S COUNTY 0.9 NW REI [38.28, -76.61] Intersection of Route 5 and Route 24. ST. MARY'S COUNTY 0.9 SE GREGREAT MILLS [38.22, -76.49] Flat Iron Road was closed. An AWOS	AT MILLS [38.24, -76.50], 1.8 NNW CALL [] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to storm storm to storm to storm to storm to storm to storm st	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40] es. TE [38.27, -76.61] od 12.21 inches of a T MILLS [38.22, -76.61]	0 0 0 s. , 0.9 N ST INIGOES 0 0 0 rain.	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official TE [38.27, -76.61], 0.9 WNW REDGATE Flash Flood (due to Heavy Rain) Source: State Official AT MILLS [38.22, -76.49], 0.8 SE Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREAD 2.4 SSW CALIFORNIA [38.27, -76.51] Indian Bridge Road was closed. An Amount of the street of	AT MILLS [38.24, -76.50], 1.8 NNW CALL J 09/30/10 15:00 EST 09/30/10 15:30 EST NWOS site in the area observed a storm to IGOES [38.16, -76.40], 0.8 NNE ST INIGO 09/30/10 15:00 EST 09/30/10 15:30 EST ain gage in the area observed 14.07 inch DGATE [38.28, -76.61], 0.5 WNW REDGA 09/30/10 15:00 EST 09/30/10 15:30 EST 4 closed. An observer in the area reported EAT MILLS [38.22, -76.49], 0.9 SE GREAT 09/30/10 15:30 EST	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40] es. TE [38.27, -76.61] od 12.21 inches of the service of the se	0 0 0 s. , 0.9 N ST INIGOES 0 0 0 rain.	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official TE [38.27, -76.61], 0.9 WNW REDGATE Flash Flood (due to Heavy Rain) Source: State Official AT MILLS [38.22, -76.49], 0.8 SE Flash Flood (due to Heavy Rain) Source: State Official
ST. MARY'S COUNTY 0.7 N GREAD 2.4 SSW CALIFORNIA [38.27, -76.51] Indian Bridge Road was closed. An Amount of the street of	AT MILLS [38.24, -76.50], 1.8 NNW CALL [] 09/30/10 15:00 EST 09/30/10 15:30 EST AWOS site in the area observed a storm to storm storm to storm to storm to storm to storm to storm st	AWAY [38.26, -76. otal of 12.87 inche DES [38.16, -76.40] es. TE [38.27, -76.61] od 12.21 inches of the service of the se	0 0 0 s. , 0.9 N ST INIGOES 0 0 0 rain.	Flash Flood (due to Heavy Rain) Source: State Official S [38.16, -76.40], 0.9 N ST INIGOES Flash Flood (due to Heavy Rain) Source: State Official TE [38.27, -76.61], 0.9 WNW REDGATE Flash Flood (due to Heavy Rain) Source: State Official AT MILLS [38.22, -76.49], 0.8 SE Flash Flood (due to Heavy Rain) Source: State Official

Route 5 was closed at Willows Road. A rainfall report of 13.80 was received from the area.

Page 7 of 15 Printed on: 12/28/2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CALVERT COUNTY 0.9 NW APPEAL [38.38,	, -76.46], 0.4 N APPEAL [38.38	s, -76.45], 0.6 WNV	V APPEAL [38.37, -	-76.46], 0.9 NW APPEAL [38.38,
-76.46]	09/30/10 16:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 20:15 EST		0	Source: State Official
Mill Bridge Road was closed due to water flowin	ng over the bridge. A cooperati	ve observer meas	ured 13.48 inches o	of rain in the region.
BALTIMORE COUNTY 0.1 W STEMMERS RI	IIN 120 22 76 471 0 0 W STER	MEDS DIIN 120 2	2 76 471 0 4 NNW	V STEMMEDS DIIN 120 22 76 471 0 4
NW STEMMERS RUN [39.33, -76.47]	ON [39.33, -76.47], 0.0 W 31E	WINERS RUN [39.3	3, -76.47], U.T NINV	V 31EMMERS RUN [38.33, -/6.47], 0.1
• / •	09/30/10 17:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 18:15 EST		0	Source: State Official
Orems Road was closed at Sunnyside Lane. Ra	ainfall reported in the region in	cluded a 7.68" tota	Il near the event.	
BALTIMORE COUNTY 0.1 WNW STEMMER:	S RUN [39.33, -76.47], 0.2 NW	STEMMERS RUN	[39.33, -76.47], 0.2	WNW STEMMERS RUN [39.33,
-76.47], 0.1 W STEMMERS RUN [39.33, -76.47]			0	Floor Flood (due to Heavy Pain)
	09/30/10 17:00 EST 09/30/10 18:15 EST		0	Flash Flood (due to Heavy Rain) Source: State Official
	03/30/10 10.13 E31		U	Source. State Official
The intersection of Glider Drive and Rossville Bl	lvd. was closed. A rain gage ir	the area measure	ed 7.90 inches of ra	infall.
BALTIMORE COUNTY 0.5 E ESSEX [39.32, -	-76.47], 0.4 S STEMMERS RUI	N [39.32, -76.47], 0	0.4 NE ESSEX [39.3	32, -76.47], 0.3 ENE ESSEX [39.32,
76.47]	09/30/10 17:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 18:15 EST		0	Source: State Official
ANNE ARUNDEL COUNTY 1.1 S RIVERA BE RIVERA BEACH [39.15, -76.52]	09/30/10 18:56 EST	VERA ВЕАСН [39.	0	Flash Flood (due to Heavy Rain)
	09/30/10 21:15 EST		0	Source: Trained Spotter
Geneva Road was closed at Fort Smallwood Ro	oad. A rain gage in the area me	easured 11.52 inch	es of rain.	
MONTGOMERY COUNTY 0.9 SW GEORGET [38.98, -77.06], 0.7 WNW ROCK CREEK FORES	• •		-	·
77.06]	09/30/10 19:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 22:15 EST		0	Source: State Official
Rock Creek was out of its banks and flooding po	ortions of Beach Drive. A rainfa	ıll report was recei	ved from the area o	of 5.43".
CALVERT COUNTY 1.5 SSE STOAKLEY [38	3.5576.591. 1.3 NW PRINCE F	FREDERICK (38.54	476.571. 1.7 W PF	RINCE FREDERICK [38.53, -76.58], 1.6
ENE BARSTOW [38.54, -76.59]	-		,	
	09/30/10 21:17 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 23:30 EST		0	Source: Fire Department/Rescue
Flash flooding was reported at Prince Frederick.	. A rain gage in Prince Frederic	ck totaled 9.48 inch	nes.	
FREDERICK COUNTY 0.7 N FREDERICK [39	9.43, -77.42], 0.3 N CERESVIL	LE [39.45, -77.37],	0.9 N REELS MILL	[39.38, -77.38], 0.5 ESE FEAGAVILLE
39.38, -77.47]	00/20/40 04:20 FOT		0	Floob Flood (due to Hoose Point)
	09/30/10 21:30 EST		0	Flash Flood (due to Heavy Rain)
Flash flooding was reported at various locations	09/30/10 23:30 EST	reports from the a	0 rea included one or	Source: Fire Department/Rescue
BALTIMORE COUNTY 1.8 ENE BALTIMORE HIGHLANDS [39.24, -76.63], 1.3 NE BALTIMOR	= = = = = = = = = = = = = = = = = = = =		=	
	09/30/10 21:59 EST		0	Flash Flood (due to Heavy Rain)
	00/20/40 22:4E ECT		^	Course: Fire Department/Decours

09/30/10 23:15 EST

Page 8 of 15 Printed on: 12/28/2010

Source: Fire Department/Rescue

0

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

West Patapsco Road was closed due to flash flooding. Rain gages in the area measured as much as 8.06".

HOWARD COUNTY --- 2.3 NW DORSEY [39.20, -76.78], 2.1 N WATERLOO [39.20, -76.78], 1.9 N WATERLOO [39.20, -76.78], 1.8 N WATERLOO [39.20, -76.78], 1.9 N WATERLOO [39.20, -76.78], 1.8 N WATERLOO [39.20, -76.78], 1.9 N WATERLO

-76.78]

09/30/10 22:15 EST 0 Flash Flood (due to Heavy Rain)

09/30/10 23:15 EST 0 Source: Law Enforcement

Meadowridge Drive was closed. A rainfall report of 4.70 was observed near the area.

ANNE ARUNDEL COUNTY --- 1.0 ESE GREEN HAVEN [39.12, -76.53], 0.9 NNW JACOBSVILLE [39.13, -76.52], 1.1 NNE GREEN HAVEN [39.14, -76.54], 0.5

WSW GREEN HAVEN [39.13, -76.56]

09/30/10 23:00 EST 0 Flash Flood (due to Heavy Rain)
09/30/10 23:59 EST 0 Source: Law Enforcement

Numerous basements were flooded in the area. A rainfall total from the area was reported at 9.90 inches.

A corridor of moisture funnelled up the eastern seaboard. Bands of heavy rain began to rapidly move into Maryland just after midnight on Thursday morning, September 30. After the initial low pressure passed north of the area late Thursday morning after producing up to 8 inches of rain across portions of Maryland and numerous reports of flash flooding, a brief lull in precipitation occurred Thursday afternoon, before the remnant circulation of former Tropical Storm Nicole moved up the Delmarva Peninsula, reinvigorating heavy rainfall. Storm total rainfall exceeded one foot across many areas along the shore of the Chesapeake Bay, with reported measurements of over 14 inches in several locations in St. Mary's County, MD. Hundreds of roads were closed due to high water across the area, and high water rescues and roadway washouts were frequent. There no reported injuries or deaths. At Baltimore-Washington International, the rainfall amount of 6.02" on September 30 was the 2nd highest daily total ever recorded, with only August 23, 1933 receiving a higher amount in a single calendar day. Events associated with this episode continued into October 1.

ST. MARY'S COUNTY --- 1.8 SE ST JAMES [38.18, -76.38], 0.8 E ST JAMES [38.20, -76.38]

 09/30/10 05:16 EST
 8K
 Thunderstorm Wind (EG 61 kt)

 09/30/10 05:17 EST
 0
 Source: Trained Spotter

Numerous trees down along and to the east of Route 235.

ANNE ARUNDEL COUNTY --- 1.6 E LAKE SHR [39.10, -76.45], 1.1 WSW PINEHURST [39.11, -76.45]

09/30/10 08:46 EST 15K Tornado (EF0, L: 0.93 mi , W: 200 yd)

09/30/10 08:49 EST 0 Source: NWS Storm Survey

Damage consisted of uprooted and snapped trees, most along Milburn Circle. One tree fell on a vehicle; another crushed a shed. There was also minor siding and shingle damage.

A surface low pressure system moved northward up the eastern seaboard along a north-to-south oriented stationary front. Very moist low level atmosphere and 70 knot southeasterly winds combined with modest instability to produce damaging winds in the strongest thunderstorms that developed. An isolated tornado also touched down in Anne Arundel County.

(MD-Z017) ST. MARY'S

09/30/10 10:14 EST 5K High Wind (MAX 52 kt)

09/30/10 10:14 EST 0

A very strong low level jet stream allowed strong winds to mix down to the surface in the morning, causing damage in St. Mary's County.

(MD-Z007) HARFORD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES

09/30/10 13:00 EST 0 Coastal Flood

09/30/10 23:59 EST 0

Low pressure and strong southerly winds allowed water to pool in the Chesapeake Bay and be pushed onshore. Water was also pushed upstream the tidal Potomac River. Coastal flooding was observed along the lower tidal Potomac River and across the Chespeake Bay.

VIRGINIA, North

FREDERICK COUNTY --- 0.5 E GAINESBORO [39.28, -78.26]

Page 9 of 15 Printed on: 12/28/2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/16/10 22:24 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/16/10 22:24 EST		0	Source: Fire Department/Rescue
A tree fell onto a telephone line in Gainesboro.				
CLARKE COUNTY 0.9 NW BERRYVILLE [39			416	T
	09/16/10 22:48 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/16/10 22:48 EST		0	Source: Fire Department/Rescue
imbs were down through Berryville.				
A low pressure tracked eastward through the the Appalachian mountains supported thunde crossed the mountains into extreme northern counties.	rstorm development during t	he afternoon. The	se thunderstorms	weakened as they
PAGE COUNTY 3.0 NW NEWPORT [38.61, -7	=			Hail (4 00 ia)
	09/22/10 13:14 EST		0	Hail (1.00 in)
	09/22/10 13:14 EST		0	Source: Public
Quarter-sized hail was observed northwest of Ne	ewport.			
PAGE COUNTY 3.0 NW NEWPORT [38.61, -7	=		AIV.	Thursdorstorm Wind /EC 56 kt)
	09/22/10 13:14 EST		4K	Thunderstorm Wind (EG 56 kt)
	09/22/10 13:14 EST		0	Source: Public
Nickel to quarter size hail was accompanied by of Newport.	very strong winds. Several Bra	nches were down	and wind blow hail	damaged vehicles 3 miles northwest
LOUDOUN COUNTY 1.3 WNW LINCOLN [39				
	09/22/10 13:50 EST		0	Hail (1.00 in)
	09/22/10 13:50 EST		0	Source: Trained Spotter
Hail up to the size of quarters was observed 1 m	ile southeast of Purcellville.			
LOUDOUN COUNTY LEESBURG MUNI [39.0	•			
	09/22/10 14:23 EST		0	Hail (1.00 in)
	09/22/10 14:24 EST		0	Source: Emergency Manager
Hail up to the size of quarters was reported 2 mi	les south-southeast of Leesbu	rg.		
NELSON COUNTY 4.6 WNW MARTINS STO				
	09/22/10 15:09 EST		0	Thunderstorm Wind (MG 51 kt)
	09/22/10 15:09 EST		0	Source: Mesonet
Wind gust of 59 mph measured at Wintergreen I	Mountain.			
NELSON COUNTY 1.1 W NELLYSFORD [37.	_ · =			
	09/22/10 15:27 EST		0	Hail (1.50 in)
	09/22/10 15:27 EST		0	Source: Law Enforcement
Hail of diameter 1.5" was reported in Wintergree	n.			
GREENE COUNTY RUCKERSVILLE [38.23,	=			
	09/22/10 15:58 EST		5K	Thunderstorm Wind (EG 61 kt)
			0	Source: State Official
	09/22/10 15:58 EST		O	Source: State Official
A tree fell into a house in Ruckersville.	09/22/10 15:58 EST		Ü	Source. State Official
				Source. State Official
A tree fell into a house in Ruckersville. ORANGE COUNTY 1.8 NW EHEART [38.22,			0	Thunderstorm Wind (EG 52 kt) Source: Public

Page 10 of 15 Printed on: 12/28/2010

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
wind gust was estimated to have reached	d 60 mph 1 mile northwest of Eheart.			
RANGE COUNTY 0.9 SE EHEART [38				
	09/22/10 16:10 EST		2K	Thunderstorm Wind (EG 61 kt)
	09/22/10 16:10 EST		0	Source: Public
rees were down on Route 33 a few miles	northwest of Barboursville.			
DRANGE COUNTY 2.6 WSW EHEART	• ' •		EIZ	There decreases Mind (FO 0514)
	09/22/10 16:13 EST 09/22/10 16:13 EST		5K 0	Thunderstorm Wind (EG 65 kt) Source: Public
				Source. Fublic
Videspread trees and limbs down from thu	nderstorm winds southwest of Ehear	t. Power was out	in the area.	
An upper level disturbance and cold fron Mid-Atlantic. Thunderstorms developed a moderate shear aided in some thundersto evening.	along this front as well as a lee trou	gh during the aft	ernoon. Instability	, steep lapse rates, and
SPOTSYLVANIA COUNTY 1.3 ENE NE\ 38.22, -77.32]	N POST [38.24, -77.38], 3.7 ENE NE	W POST [38.24, -	77.33], 5.2 E NEW	POST [38.23, -77.30], 4.5 E NEW POST
,	09/30/10 04:52 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 09:15 EST		0	Source: State Official
Nater was over Route 17. A rainfall report	was received near the area of 5.56 ir	nches.		
FAIRFAX COUNTY 0.5 W TREMONT [3: 77.23]	8.85, -77.23], 0.8 WSW TREMONT [3	8.85, -77.23], 0.9	W TREMONT [38.8	35, -77.24], 0.8 W TREMONT [38.85,
	09/30/10 05:30 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 09:15 EST		0	Source: Broadcast Media
Voodburn Road was closed between Robe				
	09/30/10 09:15 EST		0	Source: Broadcast Media
Guinea Road at Braddock Road closed due		was received from	n near the area.	
FAIRFAX COUNTY 0.5 E VIENNA [38.9	•	([38.92, -77.14], (0.2 N SWINKS MILI	_ [38.95, -77.20], 2.2 NE HERNDON
38.9977.351. 0.5 SSE HERNDON 138 96				
38.99, -77.35], 0.5 SSE HERNDON [38.96,	09/30/10 08:30 EST		0	Flash Flood (due to Heavy Rain)
38.99, -77.35], 0.5 SSE HERNDON [38.96,	·		0 0	Flash Flood (due to Heavy Rain) Source: Broadcast Media
	09/30/10 08:30 EST 09/30/10 09:15 EST	ages in the area r	0	Source: Broadcast Media
Numerous road closures were reported in F	09/30/10 08:30 EST 09/30/10 09:15 EST Reston, McLean, and Vienna. Rain g		0 measured as much	Source: Broadcast Media as 4.95 inches.
Numerous road closures were reported in F	09/30/10 08:30 EST 09/30/10 09:15 EST Reston, McLean, and Vienna. Rain g		0 measured as much	Source: Broadcast Media as 4.95 inches.
Numerous road closures were reported in F	09/30/10 08:30 EST 09/30/10 09:15 EST Reston, McLean, and Vienna. Rain ga LY [38.88, -77.44], 1.3 SSW CHANTIL		0 measured as much	Source: Broadcast Media as 4.95 inches. ILLY [38.88, -77.44], 1.6 SSW
Numerous road closures were reported in F FAIRFAX COUNTY 1.5 SSW CHANTILL CHANTILLY [38.88, -77.44]	09/30/10 08:30 EST 09/30/10 09:15 EST Reston, McLean, and Vienna. Rain ga -Y [38.88, -77.44], 1.3 SSW CHANTIL 09/30/10 09:30 EST 09/30/10 15:30 EST	LLY [38.88, -77.44	0 measured as much v], 1.2 SSW CHANT 0 0	Source: Broadcast Media as 4.95 inches. ILLY [38.88, -77.44], 1.6 SSW Flash Flood (due to Heavy Rain) Source: Broadcast Media
[38.99, -77.35], 0.5 SSE HERNDON [38.96, Numerous road closures were reported in FAIRFAX COUNTY 1.5 SSW CHANTILL CHANTILLY [38.88, -77.44] The intersection of Westfields Blvd. and Ward FAIRFAX COUNTY 0.5 E MERRIFIELD [38.86, -77.23], 0.4 ESE MERRIFIELD [38.86, -77.23], 0.4 ESE MERRIFIELD [38.86]	09/30/10 08:30 EST 09/30/10 09:15 EST Reston, McLean, and Vienna. Rain ga LY [38.88, -77.44], 1.3 SSW CHANTIL 09/30/10 09:30 EST 09/30/10 15:30 EST alney Road was closed due to high w [38.87, -77.22], 1.1 E MERRIFIELD [3	LLY [38.88, -77.44 vater. A rain gage	0 measured as much 1, 1.2 SSW CHANT 0 0 in the area measure	Source: Broadcast Media as 4.95 inches. ILLY [38.88, -77.44], 1.6 SSW Flash Flood (due to Heavy Rain) Source: Broadcast Media red 5.38 inches. IB.86, -77.21], 0.5 SSE MERRIFIELD
Numerous road closures were reported in F FAIRFAX COUNTY 1.5 SSW CHANTILL CHANTILLY [38.88, -77.44] The intersection of Westfields Blvd. and Warders FAIRFAX COUNTY 0.5 E MERRIFIELD	09/30/10 08:30 EST 09/30/10 09:15 EST Reston, McLean, and Vienna. Rain gr LY [38.88, -77.44], 1.3 SSW CHANTIL 09/30/10 09:30 EST 09/30/10 15:30 EST alney Road was closed due to high w	LLY [38.88, -77.44 vater. A rain gage	0 measured as much 1, 1.2 SSW CHANT 0 0 in the area measure	Source: Broadcast Media as 4.95 inches. ILLY [38.88, -77.44], 1.6 SSW Flash Flood (due to Heavy Rain) Source: Broadcast Media red 5.38 inches.

Page 11 of 15 Printed on: 12/28/2010

FAIRFAX COUNTY --- 0.7 N BREN MAR PARK [38.79, -77.17], 0.5 SSW WEYANOKE [38.79, -77.17], 0.4 S MONTICELLO WOODS [38.79, -77.18], 0.7 SSE

MONTICELLO WOODS [38.79, -77.18]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/30/10 10:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 14:15 EST		0	Source: Department of Highways
he exit ramp from Interstate 495 south	bound onto Interstate 395 was closed.	A rain gage in the	area measured a	storm total of 4.43 inches.
FAIRFAX COUNTY 0.8 NE ENOLA [3 CORNER [38.91, -77.22], 0.7 SE TYSON		77.22], 1.1 NW CH	ESTERBROOK GA	ARDENS [38.91, -77.21], 0.8 ESE TYSONS
CORNER [36.91, -77.22], 0.7 SE 1130N	09/30/10 10:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 16:00 EST		0	Source: Department of Highways
Route 7 ramp onto northbound Interstate	e 495 was flooded. A rainfall total of 4.	.71 was observed i	near the area.	
FAIRFAX COUNTY 1.0 WSW TREMO	ONT [38.85, -77.24], 0.8 WSW TREMOR	NT [38.85, -77.23],	0.9 W TREMONT [38.85, -77.24], 1.1 WSW TREMONT
38.85, -77.24]	00/20/40 40:00 FCT		0	Floor Floor (due to Hoove Poin)
	09/30/10 10:00 EST 09/30/10 16:00 EST		0	Flash Flood (due to Heavy Rain) Source: Department of Highways
	09/30/10 16:00 EST		U	Source. Department of highways
Noodburn Road closed between Spicew	vood Drive and Robey Avenue. A rainfa	all measurement o	f 5.10 inches was r	reported from near the event.
FAIRFAX COUNTY 1.5 SSE VIENNA	[38.88, -77.26], 1.0 W DUNN LORING	[38.88, -77.25], 1.2	W DUNN LORING	G [38.88, -77.25], 1.4 W DUNN LORING
38.88, -77.26]	09/30/10 10:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 14:15 EST		0	Source: Department of Highways
nterstate 66 partially closed around mile	e marker 62. A rain gage in the area of	bserved 4.80 inche	es of rain.	
AIRFAX COUNTY 2.1 NNW VALE	38.91, -77.36], 2.2 NNW VALE [38.91, -	-77.36], 2.5 NNW V	ALE [38.91, -77.37	7], 2.5 NNW VALE [38.91, -77.36]
FAIRFAX COUNTY 2.1 NNW VALE [3	38.91, -77.36], 2.2 NNW VALE [38.91, -09/30/10 10:00 EST	-77.36], 2.5 NNW V	ALE [38.91, -77.37 0	7], 2.5 NNW VALE [38.91, -77.36] Flash Flood (due to Heavy Rain)
	09/30/10 10:00 EST 09/30/10 14:15 EST	-	0	Flash Flood (due to Heavy Rain) Source: Department of Highways
Fox Mill Road was closed between Love	09/30/10 10:00 EST 09/30/10 14:15 EST eless Lane and Thoroughbred Road. A	a rainfall amount of	0 0 4.72" was measure	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area.
Fox Mill Road was closed between Love	09/30/10 10:00 EST 09/30/10 14:15 EST eless Lane and Thoroughbred Road. A	a rainfall amount of	0 0 4.72" was measure	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area.
Fox Mill Road was closed between Love	09/30/10 10:00 EST 09/30/10 14:15 EST eless Lane and Thoroughbred Road. A LLE [38.46, -77.52], 1.0 S ROSEVILLE	a rainfall amount of	0 0 4.72" was measur	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area. E [38.46, -77.52], 0.8 SSW ROSEVILLE
Fox Mill Road was closed between Love STAFFORD COUNTY 0.7 S ROSEVIL 38.46, -77.52]	09/30/10 10:00 EST 09/30/10 14:15 EST eless Lane and Thoroughbred Road. A LLE [38.46, -77.52], 1.0 S ROSEVILLE 09/30/10 10:00 EST 09/30/10 14:15 EST	a rainfall amount of	0 0 4.72" was measur 9 SSW ROSEVILLE	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area. E [38.46, -77.52], 0.8 SSW ROSEVILLE Flash Flood (due to Heavy Rain)
Fox Mill Road was closed between Love STAFFORD COUNTY 0.7 S ROSEVIL 38.46, -77.52] Ruffian Drive was closed in the vicinity o	09/30/10 10:00 EST 09/30/10 14:15 EST eless Lane and Thoroughbred Road. A LE [38.46, -77.52], 1.0 S ROSEVILLE 09/30/10 10:00 EST 09/30/10 14:15 EST of Riva Ridge Drive due to flash floodin	a rainfall amount of [38.46, -77.52], 0.9	0 0 4.72" was measur 9 SSW ROSEVILLE 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area. E [38.46, -77.52], 0.8 SSW ROSEVILLE Flash Flood (due to Heavy Rain) Source: State Official
Fox Mill Road was closed between Love STAFFORD COUNTY 0.7 S ROSEVIL 38.46, -77.52] Ruffian Drive was closed in the vicinity o	09/30/10 10:00 EST 09/30/10 14:15 EST eless Lane and Thoroughbred Road. A LE [38.46, -77.52], 1.0 S ROSEVILLE 09/30/10 10:00 EST 09/30/10 14:15 EST of Riva Ridge Drive due to flash floodin	a rainfall amount of [38.46, -77.52], 0.9	0 0 4.72" was measur 9 SSW ROSEVILLE 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area. E [38.46, -77.52], 0.8 SSW ROSEVILLE Flash Flood (due to Heavy Rain) Source: State Official
Fox Mill Road was closed between Love STAFFORD COUNTY 0.7 S ROSEVIL [38.46, -77.52] Ruffian Drive was closed in the vicinity o	09/30/10 10:00 EST 09/30/10 14:15 EST dess Lane and Thoroughbred Road. A LE [38.46, -77.52], 1.0 S ROSEVILLE 09/30/10 10:00 EST 09/30/10 14:15 EST of Riva Ridge Drive due to flash floodin OUTH [38.33, -77.45], 1.2 NW FERRY	a rainfall amount of [38.46, -77.52], 0.9	0 0 4.72" was measur 9 SSW ROSEVILLE 0 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area. E [38.46, -77.52], 0.8 SSW ROSEVILLE Flash Flood (due to Heavy Rain) Source: State Official ERRY FARMS [38.33, -77.45], 1.1 ENE Flash Flood (due to Heavy Rain)
FAIRFAX COUNTY 2.1 NNW VALE [3 Fox Mill Road was closed between Love STAFFORD COUNTY 0.7 S ROSEVIL [38.46, -77.52] Ruffian Drive was closed in the vicinity of STAFFORD COUNTY 1.3 ENE FALM FALMOUTH [38.33, -77.45] Harrell Road was closed due to flash floor	09/30/10 10:00 EST 09/30/10 14:15 EST eless Lane and Thoroughbred Road. A LE [38.46, -77.52], 1.0 S ROSEVILLE 09/30/10 10:00 EST 09/30/10 14:15 EST of Riva Ridge Drive due to flash floodin OUTH [38.33, -77.45], 1.2 NW FERRY 09/30/10 10:00 EST 09/30/10 14:15 EST	a rainfall amount of [38.46, -77.52], 0.9 g. FARMS [38.33, -7	0 0 4.72" was measure 0 SSW ROSEVILLE 0 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area. E [38.46, -77.52], 0.8 SSW ROSEVILLE Flash Flood (due to Heavy Rain) Source: State Official
Fox Mill Road was closed between Love STAFFORD COUNTY 0.7 S ROSEVIL [38.46, -77.52] Ruffian Drive was closed in the vicinity of STAFFORD COUNTY 1.3 ENE FALM FALMOUTH [38.33, -77.45] Harrell Road was closed due to flash floor	09/30/10 10:00 EST 09/30/10 14:15 EST eless Lane and Thoroughbred Road. A LE [38.46, -77.52], 1.0 S ROSEVILLE 09/30/10 10:00 EST 09/30/10 14:15 EST of Riva Ridge Drive due to flash floodin OUTH [38.33, -77.45], 1.2 NW FERRY 09/30/10 10:00 EST 09/30/10 14:15 EST oding. A rainfall amount of 4.52" was o	[38.46, -77.52], 0.9 g. FARMS [38.33, -7	0 0 4.72" was measure 0 SSW ROSEVILLE 0 0 0 7.45], 1.2 WNW FE 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area. E [38.46, -77.52], 0.8 SSW ROSEVILLE Flash Flood (due to Heavy Rain) Source: State Official ERRY FARMS [38.33, -77.45], 1.1 ENE Flash Flood (due to Heavy Rain) Source: State Official
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Fox Mill Road was closed between Love STAFFORD COUNTY 0.7 S ROSEVIL [38.46, -77.52] Ruffian Drive was closed in the vicinity of STAFFORD COUNTY 1.3 ENE FALM FALMOUTH [38.33, -77.45] Harrell Road was closed due to flash flood ALBEMARLE COUNTY 1.3 WSW MID BATESVILLE [38.02, -78.72] Route 689 is closed due to flooding. A recounty 1.0 WSW WHIT	09/30/10 10:00 EST 09/30/10 14:15 EST eless Lane and Thoroughbred Road. A LE [38.46, -77.52], 1.0 S ROSEVILLE 09/30/10 10:00 EST 09/30/10 14:15 EST of Riva Ridge Drive due to flash floodin OUTH [38.33, -77.45], 1.2 NW FERRY 09/30/10 10:00 EST 09/30/10 14:15 EST oding. A rainfall amount of 4.52" was of the second of th	(38.46, -77.52], 0.9 g. FARMS [38.33, -7] Subserved near the analy [38.02, -78.72], 1	0 0 4.72" was measure 9 SSW ROSEVILLE 0 0 0 7.45], 1.2 WNW FE 0 0 0 area. 3 NNE BATESVIL 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways ed from near the area. E [38.46, -77.52], 0.8 SSW ROSEVILLE Flash Flood (due to Heavy Rain) Source: State Official ERRY FARMS [38.33, -77.45], 1.1 ENE Flash Flood (due to Heavy Rain) Source: State Official LE [38.02, -78.72], 1.2 NNE Flash Flood (due to Heavy Rain) Source: Department of Highways E SHOP [38.41, -78.11], 2.4 SW WHITE Flash Flood (due to Heavy Rain)

[37.94, -78.82]

Page 12 of 15 Printed on: 12/28/2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/30/10 13:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 13:15 EST		0	Source: State Official
Route 635 was closed due to flash flooding	ng. A mesonet site nearby recorded 5	5.28 inches of rain.		
NELSON COUNTY 1.6 E TYE RIVER [37.66, -78.95], 1.6	SSW ARRINGTON	[37.66, -78.93], 2.0 SSE ARRINGTON
[37.65, -78.91], 2.4 S ARRINGTON [37.65	09/30/10 13:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 13:15 EST		0	Source: Department of Highways
Route 662 was closed due to flash floodin	ng. A mesonet site in the region obse	erved 5.64" of rain.		
STAFFORD COUNTY 0.5 NNW MT JO	Y STORE [38.49, -77.38], 0.3 NW MT	JOY STORE [38.4	18, -77.38], 0.5 WN	W MT JOY STORE [38.48, -77.39], 0.6
NNW MT JOY STORE [38.49, -77.39]	09/30/10 14:10 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 15:15 EST		0	Source: State Official
Route 1 was closed at Acadia Street due	to flash flooding. A nearby cooperati	ve observer report	ed 5.25" as storm r	rainfall total.
STAFFORD COUNTY 0.6 WSW MT JO	DY STORE [38.48, -77.39], 1.0 SW MT	F JOY STORE [38.	47, -77.39], 1.0 WS	W MT JOY STORE [38.48, -77.40], 0.5
WNW MT JOY STORE [38.48, -77.39]	00/20/40 44:40 FOT		0	Floor Floor (due to Horsey Poiss)
	09/30/10 14:10 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 15:15 EST		U	Source: State Official
Flash flooding was reported on Jefferson	Davis Highway at Telegraph Road. A	A rainfall report of 4	1.46 was received t	from the area.
STAFFORD COUNTY 0.7 N MT JOY S	TORE [38.4977.38]. 0.6 SW MIDW	AY IS [38.4977.3	81. 0.7 WSW MIDW	/AY IS [38.50, -77.38], 0.8 NNW MT
	TORE [38.49, -77.38], 0.6 SW MIDWA	AY IS [38.49, -77.3	8], 0.7 WSW MIDW	YAY IS [38.50, -77.38], 0.8 NNW MT
	O9/30/10 14:10 EST	AY IS [38.49, -77.3	8], 0.7 WSW MIDW	AY IS [38.50, -77.38], 0.8 NNW MT Flash Flood (due to Heavy Rain)
		AY IS [38.49, -77.3		
JOY STORE [38.49, -77.38]	09/30/10 14:10 EST 09/30/10 15:15 EST		0	Flash Flood (due to Heavy Rain) Source: State Official
JOY STORE [38.49, -77.38] Flash flooding was reported on the 3500	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r	rainfall report of 5.2	0 0 0"0" was received no	Flash Flood (due to Heavy Rain) Source: State Official earby.
JOY STORE [38.49, -77.38] Flash flooding was reported on the 3500 FAIRFAX COUNTY 0.2 NNE WAYNEV	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r	rainfall report of 5.2	0 0 0"0" was received no 77.05], 0.3 NE WAY	Flash Flood (due to Heavy Rain) Source: State Official earby. /NEWOOD [38.72, -77.04], 0.3 NNE
JOY STORE [38.49, -77.38] Flash flooding was reported on the 3500 FAIRFAX COUNTY 0.2 NNE WAYNEV	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN	rainfall report of 5.2	0 0 0" was received no 77.05], 0.3 NE WAY	Flash Flood (due to Heavy Rain) Source: State Official earby. YNEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain)
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JOY STORE [38.49, -77.38] Flash flooding was reported on the 3500 FAIRFAX COUNTY 0.2 NNE WAYNEW WAYNEWOOD [38.72, -77.05]	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST	rainfall report of 5.2	0 0 00" was received no 77.05], 0.3 NE WAY 0 0	Flash Flood (due to Heavy Rain) Source: State Official earby. YNEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager
FAIRFAX COUNTY 0.7 N ACCOTINK	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST and Dewolf. A rain gage measured 4.	rainfall report of 5.2 NEWOOD [38.72, -7	0 0 0" was received no 77.05], 0.3 NE WAY 0 0	Flash Flood (due to Heavy Rain) Source: State Official earby. /NEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager ea.
FAIRFAX COUNTY 0.7 N ACCOTINK	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST and Dewolf. A rain gage measured 4.	rainfall report of 5.2 NEWOOD [38.72, -7	0 0 0" was received no 77.05], 0.3 NE WAY 0 0	Flash Flood (due to Heavy Rain) Source: State Official earby. /NEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager ea.
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STAFFORD COUNTY 0.7 N MT JOY S JOY STORE [38.49, -77.38] Flash flooding was reported on the 3500 FAIRFAX COUNTY 0.2 NNE WAYNEW WAYNEWOOD [38.72, -77.05] Intersection closed at Wayneswood Blvd FAIRFAX COUNTY 0.7 N ACCOTINK -77.18]	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST and Dewolf. A rain gage measured 4 [38.71, -77.18], 0.7 NNE ACCOTINK [09/30/10 15:00 EST 09/30/10 15:30 EST	rainfall report of 5.2 NEWOOD [38.72, -7 .66 inches of rainfa [38.71, -77.18], 0.5	0 0 0 77.05], 0.3 NE WAY 0 0 0 Ill from near the are	Flash Flood (due to Heavy Rain) Source: State Official earby. YNEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager ea. 38.71, -77.18], 0.5 N ACCOTINK [38.71, Flash Flood (due to Heavy Rain) Source: Emergency Manager
Flash flooding was reported on the 3500 FAIRFAX COUNTY 0.2 NNE WAYNEW WAYNEWOOD [38.72, -77.05] Intersection closed at Wayneswood Blvd FAIRFAX COUNTY 0.7 N ACCOTINK [-77.18]	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST and Dewolf. A rain gage measured 4 [38.71, -77.18], 0.7 NNE ACCOTINK [09/30/10 15:00 EST 09/30/10 15:30 EST	rainfall report of 5.2 NEWOOD [38.72, -7 .66 inches of rainfa [38.71, -77.18], 0.5	0 0 0 77.05], 0.3 NE WAY 0 0 0 Ill from near the are NNE ACCOTINK [0 0 served 4.48 inches	Flash Flood (due to Heavy Rain) Source: State Official earby. /NEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager ea. 38.71, -77.18], 0.5 N ACCOTINK [38.71, Flash Flood (due to Heavy Rain) Source: Emergency Manager
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FAIRFAX COUNTY 0.7 N ACCOTINK [-77.18]	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST and Dewolf. A rain gage measured 4 [38.71, -77.18], 0.7 NNE ACCOTINK [09/30/10 15:00 EST 09/30/10 15:30 EST closed due to flash flooding. A rain gage measured gas and gas a	rainfall report of 5.2 NEWOOD [38.72, -7 .66 inches of rainfa [38.71, -77.18], 0.5	0 0 0 77.05], 0.3 NE WAY 0 0 0 Ill from near the are NNE ACCOTINK [0 0 served 4.48 inches	Flash Flood (due to Heavy Rain) Source: State Official earby. //NEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager ea. 38.71, -77.18], 0.5 N ACCOTINK [38.71, Flash Flood (due to Heavy Rain) Source: Emergency Manager
FAIRFAX COUNTY 0.7 N ACCOTINK [77.18] Intersection of Route 1 and Britten Drive of FAIRFAX COUNTY 1.5 NNE VIENNA [38.93, -77.27]	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST and Dewolf. A rain gage measured 4 [38.71, -77.18], 0.7 NNE ACCOTINK [09/30/10 15:00 EST 09/30/10 15:30 EST closed due to flash flooding. A rain gage measured to flash flooding.	rainfall report of 5.2 NEWOOD [38.72, -7 .66 inches of rainfa [38.71, -77.18], 0.5 age in the area obs	0 0 0 77.05], 0.3 NE WAY 0 0 0 Ill from near the are NNE ACCOTINK [0 0 served 4.48 inches	Flash Flood (due to Heavy Rain) Source: State Official earby. YNEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager ea. 38.71, -77.18], 0.5 N ACCOTINK [38.71, Flash Flood (due to Heavy Rain) Source: Emergency Manager DRE [38.93, -77.27], 1.5 S KENMORE Flash Flood (due to Heavy Rain)
FAIRFAX COUNTY 0.7 N ACCOTINK 77.18] PAIRFAX COUNTY 1.5 NNE VIENNA [38.93, -77.27] Portion of Old Courthouse Road closed described in the country 1.1 E CAT	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST and Dewolf. A rain gage measured 4 [38.71, -77.18], 0.7 NNE ACCOTINK [09/30/10 15:00 EST 09/30/10 15:30 EST closed due to flash flooding. A rain gage measured to flash flooding. A total of 5.96" of the flash flooding.	rainfall report of 5.2 NEWOOD [38.72, -7 .66 inches of rainfal [38.71, -77.18], 0.5 age in the area obs IAMLET [38.93, -77 f rain was reported	0 0 0 77.05], 0.3 NE WAY 0 0 0 Ill from near the are NNE ACCOTINK [0 0 served 4.48 inches 7.26], 1.4 S KENMO 0 near the event.	Flash Flood (due to Heavy Rain) Source: State Official earby. YNEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager ea. 38.71, -77.18], 0.5 N ACCOTINK [38.71, Flash Flood (due to Heavy Rain) Source: Emergency Manager DRE [38.93, -77.27], 1.5 S KENMORE Flash Flood (due to Heavy Rain) Source: Emergency Manager
FAIRFAX COUNTY 0.7 N ACCOTINK FAIRFAX COUNTY 0.7 N ACCOTINK FAIRFAX COUNTY 1.5 NNE VIENNA [[38.93, -77.27] Portion of Old Courthouse Road closed description of County 1.1 E CAT	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST and Dewolf. A rain gage measured 4 [38.71, -77.18], 0.7 NNE ACCOTINK [09/30/10 15:00 EST 09/30/10 15:30 EST closed due to flash flooding. A rain gage measured to flash flooding. A total of 5.96" of the flash flooding.	rainfall report of 5.2 NEWOOD [38.72, -7 .66 inches of rainfal [38.71, -77.18], 0.5 age in the area obs IAMLET [38.93, -77 f rain was reported	0 0 0 77.05], 0.3 NE WAY 0 0 0 Ill from near the are NNE ACCOTINK [0 0 served 4.48 inches 7.26], 1.4 S KENMO 0 0 near the event.	Flash Flood (due to Heavy Rain) Source: State Official earby. YNEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager ea. 38.71, -77.18], 0.5 N ACCOTINK [38.71, Flash Flood (due to Heavy Rain) Source: Emergency Manager DRE [38.93, -77.27], 1.5 S KENMORE Flash Flood (due to Heavy Rain) Source: Emergency Manager
FAIRFAX COUNTY 0.7 NACCOTINK Intersection of Route 1 and Britten Drive of	09/30/10 14:10 EST 09/30/10 15:15 EST block of Jefferson Davis Highway. A r VOOD [38.72, -77.05], 0.3 ENE WAYN 09/30/10 15:00 EST 09/30/10 15:30 EST and Dewolf. A rain gage measured 4 [38.71, -77.18], 0.7 NNE ACCOTINK [09/30/10 15:00 EST 09/30/10 15:30 EST closed due to flash flooding. A rain gage measured to flash flooding. A total of 5.96" of the flash flooding.	rainfall report of 5.2 NEWOOD [38.72, -7 .66 inches of rainfal [38.71, -77.18], 0.5 age in the area obs IAMLET [38.93, -77 f rain was reported	0 0 0 77.05], 0.3 NE WAY 0 0 0 Ill from near the are NNE ACCOTINK [0 0 served 4.48 inches 7.26], 1.4 S KENMO 0 near the event.	Flash Flood (due to Heavy Rain) Source: State Official earby. YNEWOOD [38.72, -77.04], 0.3 NNE Flash Flood (due to Heavy Rain) Source: Emergency Manager ea. 38.71, -77.18], 0.5 N ACCOTINK [38.71, Flash Flood (due to Heavy Rain) Source: Emergency Manager DRE [38.93, -77.27], 1.5 S KENMORE Flash Flood (due to Heavy Rain) Source: Emergency Manager

Gum Springs Road was closed due to flash flooding. A rainfall amount of 6.80 inches was measured near the area.

Page 13 of 15 Printed on: 12/28/2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CULPEPER COUNTY 0.5 W MONUME -77.99], 0.2 SSW MONUMENT MILLS [38		ONUMENT MILLS	[38.61, -78.01], 0.8	NNE MONUMENT MILLS [38.61,
-	09/30/10 20:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 23:59 EST		0	Source: Department of Highways
Route 628 was closed due to flash floodin	ng. Rainfall in the area was measured	d at 6.03 inches.		
STAFFORD COUNTY 1.3 ESE FALMO	OUTH [38.31, -77.45], 1.6 SSW FERRY	/ FARMS [38.30, -	77.45], 0.9 WSW F	ERRY FARMS [38.31, -77.44], 1.1 ESE
FALMOUTH [36.31, -//.45]	09/30/10 20:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 23:15 EST		0	Source: Department of Highways
County Road 607 was closed due to flash	n flooding. A rainfall total of 6.44" was	observed nearby.		
FAIRFAX COUNTY 0.5 W KENMORE	[38.95, -77.28], 0.8 E CROWELLS CO	RNER [38.95, -77	.28], 0.7 E CROWE	ELLS CORNER [38.95, -77.29], 0.8 WNW
KENMORE [38.95, -77.28]	00/00/40 04 00 FOT		•	Flook Flood (dog to Hoose Poin)
	09/30/10 21:38 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 23:15 EST		0	Source: Fire Department/Rescue
Flash flooding was reported at the interse	ection of Browns Mill Road and Beulah	ı Road. A rain gaç	ge nearby observed	d 5.04" of rainfall.
CULPEPER COUNTY 0.9 NW INLET [3	38.49, -77.94], 0.7 NW INLET [38.49, -	77.94], 0.9 WNW	INLET [38.49, -77.9	94], 1.0 NW INLET [38.49, -77.94]
	09/30/10 23:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 23:59 EST		0	Source: Law Enforcement
The underpass at Route 29 and Inlet Roa	nd was closed due to flash flooding. A	rain gage in the a	rea measured 4.60	inches.
SPOTSYLVANIA COUNTY 0.5 SW DU	NAVANT [38.37, -77.68], 0.9 S DUNA	VANT [38.36, -77.	.67], 1.4 SW DUNA	VANT [38.35, -77.69], 1.2 WSW
DUNAVANT [38.36, -77.69]	00/20/40 22:00 FST		0	Floob Flood (due to Lloony Poin)
	09/30/10 23:00 EST 09/30/10 23:59 EST		0	Flash Flood (due to Heavy Rain) Source: Emergency Manager
				Source. Emergency Manager
Elys Ford Road closed due to flash floodii	ng on Rapidan River. A rain gage in t	he area measured	d 5.09".	
STAFFORD COUNTY 0.3 NNW FALM [38.32, -77.47]	OUTH [38.32, -77.47], 0.2 N FALMOU	TH [38.32, -77.47]	, 0.2 N FALMOUTH	H [38.32, -77.47], 0.3 NNW FALMOUTH
	09/30/10 23:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 23:45 EST		0	Source: Law Enforcement
Ingleside Drive at Washington Street was	closed due to flash flooding. A rain ga	age nearby measu	ured 5.42 inches.	
STAFFORD COUNTY 1.3 SE FALMOU	JTH [38.31, -77.45], 1.2 SE FALMOUT	H [38.31, -77.46],	0.1 SE FALMOUT	H [38.32, -77.47], 0.3 ENE FALMOUTH
[38.32, -77.46]	09/30/10 23:00 EST		0	Flash Flood (due to Heavy Rain)
	09/30/10 23:45 EST		0	Source: Law Enforcement
Portions of River Road were closed due to	o flash flooding. A nearby rain gage m	neasured 5.31".		
A corridor of tropical moisture travelled	up the Atlantic seaboard, funnelling	g another area of	low pressure that	developed along the
Carolina coastline through the Mid-Atla	ntic. Bands of heavy rain began to r	apidly move into	northern Virginia	just after midnight on
Thursday morning, September 30. After			-	
inches of rain and numerous reports of afternoon, before the remnant circulatio	=	= .		
Storm total rainfall exceeded 8 inches a		-		
water rescues and roadway washouts w	=		=	_
Washington Reagan National Airport's 4	-			_
daily rainfall amounts ever recorded in t	the month of September. Events ass	ociated with this	episode continue	d into October 1.
FAUQUIER COUNTY 1.8 SW PINE VIE	EW [38.43, -77.70]			
	09/30/10 14:47 EST		1K	Thunderstorm Wind (EG 52 kt)
	00/20/40 44:47 FCT		0	Courses Dublic

Page 14 of 15 Printed on: 12/28/2010

0

Source: Public

09/30/10 14:47 EST

Branches were down south-southwest of Pine View.

Location Date/Time Deaths & Property & Event Type and Details

Injuries Crop Dmg

A surface low pressure system moved northward up the eastern seaboard along a north-to-south oriented stationary front. Very moist low level atmosphere and 70 knot southeasterly winds combined with modest instability to produce isolated damaging winds in thunderstorms that developed in Fauquier County during the afternoon.

WEST VIRGINIA, East

HAMPSHIRE COUNTY --- 0.5 W HANGING ROCK [39.27, -78.56]

09/16/10 22:06 EST 1K Thunderstorm Wind (EG 52 kt)

09/16/10 22:06 EST 0 Source: State Official

A tree was down on A.A. Rodgers Road east of Augusta.

A low pressure tracked eastward through the Great Lakes and into New York. An unstable and favorably sheared atmosphere west of the Appalachian mountains supported thunderstorm development during the afternoon. These thunderstorms weakened as they crossed the mountains into eastern West Virginia, but still managed to produce isolated wind damage in Hampshire County.

Page 15 of 15 Printed on: 12/28/2010