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

ATLANTIC NORTH

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 12.5 WNW HORN POINT [38.68, -76.34]

09/06/11 12:25 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/06/11 12:25 EST 0 Source: Mesonet

Wind gusts in excess of 30 knots were measured at Blackwalnut Harbor.

Deep tropical moisture associated with the remnants of Tropical Depression Lee interacted with a slow-moving cold front to produce widespread showers and isolated thunderstorms. An isolated thunderstorm produced gusty winds.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 18.2 WNW PINEY POINT [38.25, -76.83]

09/07/11 11:05 EST 0 Marine Thunderstorm Wind (MG 44 kt)

09/07/11 11:15 EST 0 Source: Mesonet

Wind gusts up to 44 knots were reported at Cobb Point.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.1 NNW PATAPSCO BUOY [39.15, -76.39]

09/07/11 12:50 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/07/11 12:50 EST 0 Source: Buoy

Wind gusts in excess of 30 knots were measured at Patapsco Buoy.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]

09/07/11 12:56 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/07/11 12:56 EST 0 Source: Buoy

Wind gusts in excess of 30 knots were measured at the Thomas Point Lighthouse.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 2.4 W PINEY POINT [38.13, -76.57], 2.4 NW PINEY POINT [38.15, -76.56]

09/07/11 18:17 EST 0 Waterspout

09/07/11 18:23 EST 0 Source: Public

Photographic and radar evidence confirm a water spout on the Potomac River near Tall Timbers, Maryland.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.3 E CHESAPEAKE BEACH [38.69, -76.53]

09/07/11 19:52 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/07/11 19:52 EST 0 Source: Mesonet

Wind gusts in excess of 30 knots were measured at the Chesapeake Rod and Reel.

Low pressure developed over the Ohio Valley while high pressure remained off the East Coast. A southerly flow between these two systems pumped in plenty of moisture across the region. A warm front combined with the deep moisture to produce showers and thunderstorms. Moderate instability behind the warm front caused some thunderstorms to produce gusty winds. Low-level winds caused enough rotation for an isolated thunderstorm to produce a water spout.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32]

09/08/11 04:10 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/08/11 04:10 EST 0 Source: Mesonet

A wind gust in excess of 30 knots was reported at Point Lookout.

Deep tropical moisture associated with the remnants of Tropical Depression Lee interacted with a slow-moving cold front to produce widespread showers and isolated thunderstorms. An isolated thunderstorm produced gusty winds.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.4 SSW SMITH ISLAND [37.98, -76.04]

09/11/11 18:37 EST 0 Marine Thunderstorm Wind (MG 43 kt)

09/11/11 18:37 EST 0 Source: Mesonet

A wind gust of 43 knots was reported at Smith Island.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.3 SSE CRISFIELD [37.97, -75.88]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/11/11 19:04 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/11/11 19:10 EST		0	Source: Mesonet
Wind gusts up to 36 knots were reported at C	risfield.			
Upper-level low pressure triggered showers upper-level low.	s and thunderstorms on the 11th	n. A few thunderst	orms produced gu	usty winds due to the
TIDAL POTOMAC COBB IS MD TO SMITH P		IEY POINT [38.24,	-	Maria Thursday (FO 0411)
	09/23/11 17:30 EST 09/23/11 17:30 EST		0	Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
Wind gusts in excess of 30 knots were report				
Rich tropical moisture streamed northward isolated thunderstorms. An isolated thunde		ning with an uppe	r-level disturbanc	e to trigger showers and
TIDAL POTOMAC INDIAN HD TO COBB IS N		1 BRIDGE [38.38,	-	
	09/27/11 15:00 EST 09/27/11 15:00 EST		0	Marine Thunderstorm Wind (EG 56 kt) Source: Unknown
			O	Source. Stirriown
Wind gusts in excess of 60 mph were estimat	ed due to thunderstorm wind dar	nage nearby.		
TIDAL POTOMAC INDIAN HD TO COBB IS N	MD COUNTY 8.8 W ROUTE 30 09/27/11 15:00 EST	1 BRIDGE [38.37,	- 77.18] 0	Marina Thunderstorm Wind (EC 52 kt)
	09/27/11 15:00 EST		0	Marine Thunderstorm Wind (EG 52 kt) Source: Unknown
Mind make any and CO make warm notineed all			v	Course. Similari
Wind gusts around 60 mph were estimated di	ue to thunderstorm wind damage	nearby.		
TIDAL POTOMAC INDIAN HD TO COBB IS N		301 BRIDGE [38.	•	Marina Thundaratorm Wind (FC 52 Lt)
	09/27/11 15:03 EST 09/27/11 15:03 EST		0	Marine Thunderstorm Wind (EG 52 kt) Source: Unknown
Mind and and an artificial and artif			v	Course. Similari
Wind gusts around 60 mph were estimated do	ue to thunderstorm wind damage	nearby.		
Upper level low pressure remained over the between these two systems pumped in pler instability while a cold front was moving in thunderstorms were able to produce gusty	nty of moisture across the area. from the west. These two featur	The deep moisture	e provided moder	ate amounts of
TIDAL POTOMAC KEY BRIDGE TO INDIAN	HD MD COUNTY 0.7 SW WAS	SHINGTON NATION	IALS PARK [38.86	5, -77.02]
	09/28/11 19:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/28/11 19:24 EST		0	Source: Mesonet
A wind gust in excess of 30 knots was reported	ed at the Washington Nationals P	ark.		
An upper-level low triggered a few showers upper Tidal Potomac River.	and thunderstorms on the 28th	ı. An isolated thun	derstorm produce	d gusty winds in the
DISTRICT OF COLUMBIA				
DISTRICT OF COLUMBIA COUNTY 0.4 NI	NIM LIS CADITOL 129 99 77 021	0 8 N US CADITO	[29 90 77 021 0	9 NINIW HS CADITOL 129 90 77 021
0.4 NW US CAPITOL [38.88, -77.02]	55 5A: 115E [50.00, -17.02],	0.5 II 00 0AI 110	_ [00.00, -11.02], 0	55 on 110E [60.60, -11.02],
	09/07/11 11:35 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 15:15 EST		0	Source: State Official
The Ninth Street Tunnel was closed due to fla	ash flooding.			
DISTRICT OF COLUMBIA COUNTY 0.7 N	=	.6 WNW US CAPIT	OL [38.88, -77.03]	, 0.8 WNW US CAPITOL [38.88,
-77.03], 0.8 WNW US CAPITOL [38.89, -77.03	09/07/11 11:35 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 15:15 EST		0	Source: Emergency Manager
				- , -

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Property &

Event Type and Details

Deaths &

Date/Time

Location

		Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The inbound section of the 14th Street Bridge	was closed due to flash flooding.	,	0.0p 2g	
DISTRICT OF COLUMBIA COUNTY 0.9 N	NW US CAPITOL [38.89, -77.03],	0.8 N US CAPITO	L [38.89, -77.02], 0	.9 N US CAPITOL [38.89, -77.02], 0.9
NNW US CAPITOL [38.89, -77.02]				
	09/07/11 11:35 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 15:15 EST		0	Source: State Official
linth Street at Constitution Avenue was close	ed due to flash flooding.			
DISTRICT OF COLUMBIA COUNTY 1.3 SS		i], 1.3 SSW WALT	ER REED [38.96, -	77.04], 1.2 SSW WALTER REED [38.96,
.77.04], 1.2 SSW WALTER REED [38.96, -77.	09/07/11 11:35 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 15:15 EST		0	Source: State Official
The ramp to 16th Street from Military Road No	orthwest was closed due to flash	flooding.		
		-		
Abnormally moist atmosphere across the M				
portions of the District of Columbia as the range of the Mason-Dixon line. A number of reports of f	• •		iui a nearly statioi	iary boundary near the
DC-Z001) DISTRICT OF COLUMBIA				
	09/08/11 18:48 EST		0	Coastal Flood
	09/08/11 20:49 EST		0	
			_	
MARYLAND, Central	GANY			
MARYLAND, Central	GANY 09/02/11 02:44 EST		0	Dense Fog
MARYLAND, Central			0 0	Dense Fog
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLEC	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along wit	h high amounts c	0	·
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused ligong to develop during the early morning hou	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along wit urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE		0 of low-level moistu	re allowed for areas of
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused lig og to develop during the early morning hou MONTGOMERY COUNTY 0.9 NE RANDON	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along wit urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12]		0 of low-level moistu	1.4 NE RANDOLPH HILLS [39.10,
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused lighted to develop during the early morning hout	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along wit urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE		0 of low-level moistu LS [39.09, -77.11],	re allowed for areas of
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused light of the develop during the early morning house MONTGOMERY COUNTY 0.9 NE RANDOI 77.11], 1.1 NNE RANDOLPH HILLS [39.09,	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along wit urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12] 09/05/11 22:00 EST 09/05/11 23:30 EST	ERANDOLPH HIL	0 of low-level moistu LS [39.09, -77.11], 0 0	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused light og to develop during the early morning hou MONTGOMERY COUNTY 0.9 NE RANDOI 77.11], 1.1 NNE RANDOLPH HILLS [39.09,	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along wit urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12] 09/05/11 22:00 EST 09/05/11 23:30 EST	E RANDOLPH HIL	0 of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways s.
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused light og to develop during the early morning hou MONTGOMERY COUNTY 0.9 NE RANDOI 77.11], 1.1 NNE RANDOLPH HILLS [39.09,	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along wit urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12] 09/05/11 22:00 EST 09/05/11 23:30 EST	E RANDOLPH HIL	0 of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways s.
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT digh pressure centered overhead caused lig og to develop during the early morning hou MONTGOMERY COUNTY 0.9 NE RANDOI 77.11], 1.1 NNE RANDOLPH HILLS [39.09, Route 28 was closed near Avery Drive due to	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along wit urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12] 09/05/11 22:00 EST 09/05/11 23:30 EST	E RANDOLPH HIL	0 of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways s.
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT digh pressure centered overhead caused lig og to develop during the early morning hou MONTGOMERY COUNTY 0.9 NE RANDOI 77.11], 1.1 NNE RANDOLPH HILLS [39.09, Route 28 was closed near Avery Drive due to	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along wit urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12] 09/05/11 22:00 EST 09/05/11 23:30 EST flash flooding on Rock Creek. A	E RANDOLPH HIL	0 of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways S. DNTOWNE [38.93, -76.57], 1.1 WNW
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused lighted to develop during the early morning house to develop during the early morning house to the contract of	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along with the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12] 09/05/11 22:00 EST 09/05/11 23:30 EST flash flooding on Rock Creek. A 8.93, -76.58], 1.3 W LONDONTOW 09/06/11 00:45 EST 09/06/11 05:00 EST	RANDOLPH HIL nearby rain gauge	0 of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches 0 0 0	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways S. DNTOWNE [38.93, -76.57], 1.1 WNW Flood (due to Heavy Rain)
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused lique to develop during the early morning house to develop during the early morning house to the company of the company o	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along with the serious of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE (77.12) 09/05/11 22:00 EST (19/05/11 23:30 EST) flash flooding on Rock Creek. A (19/06/11 00:45 EST (19/06/11 05:00 EST) ge Road. A rain gauge near the experious control of the serious co	nearby rain gauge (NE [38.93, -76.57)	0 of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches 0 0 0 29 inches.	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways S. DNTOWNE [38.93, -76.57], 1.1 WNW Flood (due to Heavy Rain) Source: Department of Highways
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused lighted to develop during the early morning house MONTGOMERY COUNTY 0.9 NE RANDOI 77.11], 1.1 NNE RANDOLPH HILLS [39.09,	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along with urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12] 09/05/11 22:00 EST 09/05/11 23:30 EST flash flooding on Rock Creek. A 8.93, -76.58], 1.3 W LONDONTOW 09/06/11 00:45 EST 09/06/11 05:00 EST ge Road. A rain gauge near the 6	nearby rain gauge (NE [38.93, -76.57)	of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches 0 0 0 29 inches.	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways S. DNTOWNE [38.93, -76.57], 1.1 WNW Flood (due to Heavy Rain) Source: Department of Highways
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused lique to develop during the early morning house to develop during the early morning house to the company of the carry of the company of	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along with the serious of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE (77.12) 09/05/11 22:00 EST (19/05/11 23:30 EST) flash flooding on Rock Creek. A (8.93, -76.58], 1.3 W LONDONTOW (19/06/11 05:00 EST) ge Road. A rain gauge near the extension of the serious of the serious control of the serious contro	nearby rain gauge (NE [38.93, -76.57)	0 of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches 1, 0.9 WNW LONDO 0 0 29 inches.	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways S. DNTOWNE [38.93, -76.57], 1.1 WNW Flood (due to Heavy Rain) Source: Department of Highways [38.38, -76.76], 0.9 NE CHAPTICO Flash Flood (due to Heavy Rain)
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused lighted to develop during the early morning house MONTGOMERY COUNTY 0.9 NE RANDOI 77.11], 1.1 NNE RANDOLPH HILLS [39.09,	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along with urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12] 09/05/11 22:00 EST 09/05/11 23:30 EST flash flooding on Rock Creek. A 8.93, -76.58], 1.3 W LONDONTOW 09/06/11 00:45 EST 09/06/11 05:00 EST ge Road. A rain gauge near the 6	nearby rain gauge (NE [38.93, -76.57)	of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches 0 0 0 29 inches.	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways S. DNTOWNE [38.93, -76.57], 1.1 WNW Flood (due to Heavy Rain) Source: Department of Highways
MARYLAND, Central MD-Z502) CENTRAL AND EASTERN ALLECT High pressure centered overhead caused lighting to develop during the early morning how MONTGOMERY COUNTY 0.9 NE RANDOL 77.11], 1.1 NNE RANDOLPH HILLS [39.09,	09/02/11 02:44 EST 09/02/11 06:20 EST ght winds. Light winds along with urs of the 2nd. LPH HILLS [39.09, -77.12], 1.3 NE 77.12] 09/05/11 22:00 EST 09/05/11 23:30 EST flash flooding on Rock Creek. A 8.93, -76.58], 1.3 W LONDONTOW 09/06/11 00:45 EST 09/06/11 05:00 EST ge Road. A rain gauge near the 6 [38.36, -76.79], 0.9 S CHAPTICO 09/06/11 16:18 EST 09/06/11 21:15 EST	RANDOLPH HIL nearby rain gauge [38.93, -76.57] event recorded 2.2	Of low-level moistu LS [39.09, -77.11], 0 0 e tallied 2.21 inches 0 0 29 inches.	1.4 NE RANDOLPH HILLS [39.10, Flash Flood (due to Heavy Rain) Source: Department of Highways S. DNTOWNE [38.93, -76.57], 1.1 WNW Flood (due to Heavy Rain) Source: Department of Highways

widespread showers across the area. High rainfall amounts associated with some of this activity prompted flooding and flash flooding

in a few locations. Rainfall totals were a high as 3 inches in Montgomery County.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE CITY (C) COUNTY 0.1 W	SW WESTPORT [39.27, -76.63], 0.3 \	W WESTPORT [39).27, -76.64], 0.4 W	SW WESTPORT [39.27, -76.64], 0.3
SW WESTPORT [39.27, -76.63]	09/07/11 09:22 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 13:15 EST		0	Source: Department of Highways
The ramp from Route 295 northbound to I	nterstate 95 was closed due to flash	flooding. A nearb	y rain gauge meası	ured 4.33 inches.
HOWARD COUNTY BRINKLEIGH MAN	NOR [39.28, -76.83], 0.4 SSE BRINKI	LEIGH MANOR [3	9.28, -76.83], 0.4 S	W BRINKLEIGH MANOR [39.28, -76.83],
0.3 WSW BRINKLEIGH MANOR [39.28, -7	=		•	5 5
	09/07/11 11:09 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: Department of Highways
All westbound lanes of Route 40 west of S	Saint Johns Lane were closed due to	flash flooding. A r	ain gauge near the	event totalled 10.29 inches.
PRINCE GEORGE'S COUNTY 0.9 SE L (38.95, -76.87]	ANHAM [38.94, -76.86], 1.0 ESE LA	NHAM [38.94, -76	.85], 0.9 E LANHAI	M [38.95, -76.85], 0.2 SE LANHAM
	09/07/11 11:13 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: Department of Highways
A portion of the outer loop of the Capital B	Beltway was flooded near Exit 19. A r	nearby rain gauge	measured 4.76 inc	hes.
HOWARD COUNTY 0.5 W NORMAND	Y HGTS [39.28, -76.81], 0.3 NNW NO	RMANDY HGTS [39.28, -76.801, 0.6 I	N NORMANDY HGTS [39.29, -76.80],
0.7 NNW NORMANDY HGTS [39.29, -76.8	30], 0.7 WNW NORMANDY HGTS [39	9.29, -76.81]		
	09/07/11 11:30 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: State Official
76.76]	09/07/11 11:30 EST 09/07/11 17:00 EST		0	Flash Flood (due to Heavy Rain) Source: State Official
Intersection of Roosevelt and Meadowridg		ι Α nearby rain α		
intersection of Noosevelt and Meadowing	ge redaus closed due to hash hooding	g. A licalby faili go	auge reported 7.70	ilicites.
HOWARD COUNTY 0.9 NW JONESTO [39.24, -76.83]	WN [39.23, -76.83], 1.0 NNW JONES	STOWN [39.23, -76	i.83], 1.0 S MC ALF	PINE [39.24, -76.83], 1.0 S MC ALPINE
• , •	09/07/11 11:30 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: State Official
Route 108 was closed near Thunder Hill d	lue to flash flooding. A nearby rain g	auge measured 6.	78 inches.	
HOWARD COUNTY 1.1 WSW JESSUP	P [39.15, -76.80], 1.6 W JESSUP [39.1	15, -76.81], 1.2 WS	W WATERLOO [39	9.16, -76.80], 0.8 NW JESSUP [39.16,
-76.79]	00/07/44 44:00 FOT		0	Floor Floor (due to House Poin)
	09/07/11 11:30 EST 09/07/11 17:00 EST		0	Flash Flood (due to Heavy Rain) Source: State Official
Route 1 is closed at Patuxent Ridge due t		ured 7 93 inches o		
	· 			
HOWARD COUNTY 1.5 SSE OAKLAN CLARKSVILLE [39.20, -76.86]		KSVILLE [39.20, -		
	09/07/11 11:30 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: State Official
Stevens Forest Road was closed near Bro	oken Land due to flash flooding. A ra	in gauge recorded	l 6.54 inches.	
BALTIMORE COUNTY 0.9 SW WOOD!	LAWN [39.31, -76.74], 0.6 SW WOOD	DLAWN [39.31, -76	5.74], 1.2 WSW WO	ODLAWN [39.31, -76.75], 1.2 NE
BELMONT [39.31, -76.75]	09/07/11 11:46 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: Department of Highways
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
State Route 122 ramps were closed at Inte	erstate 695 due to flash flooding. A r	nearby rain gauge t	totalled 7.87 inches	5.
PRINCE GEORGE'S COUNTY 0.9 SW N	MUIRKIRK [39.06, -76.89], 0.8 SSW	MUIRKIRK [39.06,	-76.89], 0.7 NE AN	IMENDALE [39.06, -76.89], 0.6 NE
	09/07/11 11:50 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: Department of Highways
Route 1 was completely closed at Ritz Way	y. A nearby rain gauge measured 7	.09 inches.		
PRINCE GEORGE'S COUNTY 1.1 E SU	RRATS GARDENS [38.75, -76.88],	1.2 E SURRATS G	ARDENS [38.75, -7	76.88], 1.2 E SURRATS GARDENS [38.75,
-76.88], 1.1 ENE SURRATS GARDENS [38				
	09/07/11 12:14 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: Department of Highways
The turn lane on Route 5 onto Surratts Roa	ad was closed due to flash flooding.	A nearby rain gau	ge recorded 4.57 i	nches.
BALTIMORE COUNTY 1.5 SSE CATON	ISVILLE MANOR [39.28, -76.71], 1.7	SSE CATONSVIL	LE MANOR [39.28	, -76.71], 1.3 ESE OELLA [39.27,
76.76], 1.2 E OELLA [39.27, -76.76]	09/07/11 12:30 EST		0	Flood (due to Heavy Pain)
	09/07/11 12:30 EST		0	Flood (due to Heavy Rain) Source: Trained Spotter
	00/07/11 17:00 LOT		V	Course. Trained Opolies
Three inches of water were flowing across 7.67 inches.	Frederick Avenue at its intersection	with Rolling and O	verbrook Roads. /	A rain gauge in the vicinity measured
HOWARD COUNTY 0.7 S BRINKLEIGH BRINKLEIGH MANOR [39.27, -76.82]	I MANOR [39.27, -76.83], 0.7 W ELL	ICOTT CITY [39.27	7, -76.81], 0.3 W El	LICOTT CITY [39.27, -76.81], 0.7 SE
SKINKEEIGH MANOK [39.27, -70.02]	09/07/11 12:50 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: Emergency Manager
Portions of Main Street in Ellicott City was				
-76.84], 1.0 E PINE ORCHARD [39.28, -76.			L	
	09/07/11 12:50 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: Emergency Manager
Valley Mede neighbor was evacuated due	to high water. A nearby spotter reco	orded a storm total	of 6.20 inches nea	or the time of this event.
MONTGOMERY COUNTY 0.5 W PARKS		SIDE [39.04, -77.09], 0.4 NNW PARKS	SIDE [39.04, -77.08], 0.5 WSW
PARKSIDE [39.03, -77.09], 1.0 WSW PARI	KSIDE [39.03, -77.10] 09/07/11 12:50 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 15:15 EST		0	Source: Fire Department/Rescue
	33,37,77 13.13 23.	inches of rain	v	Coardon in a separation in recoard
Beach Drive was closed due to flash floodi	ng. A nearby spotter observed 8.50	iliches di faili.		
			76 651 1 7 WSW F	RITI AND [38 96 -76 66] 1 7 WSW
ANNE ARUNDEL COUNTY 1.3 WSW R			76.65], 1.7 WSW R	RUTLAND [38.96, -76.66], 1.7 WSW
ANNE ARUNDEL COUNTY 1.3 WSW R			76.65], 1.7 WSW R	RUTLAND [38.96, -76.66], 1.7 WSW Flash Flood (due to Heavy Rain)
ANNE ARUNDEL COUNTY 1.3 WSW R	UTLAND [38.96, -76.65], 1.2 WSW F		-	
ANNE ARUNDEL COUNTY 1.3 WSW RI RUTLAND [38.96, -76.66]	UTLAND [38.96, -76.65], 1.2 WSW F 09/07/11 12:57 EST 09/07/11 15:15 EST	RUTLAND [38.96, -	0	Flash Flood (due to Heavy Rain) Source: Department of Highways
ANNE ARUNDEL COUNTY 1.3 WSW RIRUTLAND [38.96, -76.66] Route 50 Westbound was closed at Davids	UTLAND [38.96, -76.65], 1.2 WSW F 09/07/11 12:57 EST 09/07/11 15:15 EST sonville Road due to flash flooding.	RUTLAND [38.96, -	0 0 the event received	Flash Flood (due to Heavy Rain) Source: Department of Highways a total of 7 inches.
ANNE ARUNDEL COUNTY 1.3 WSW RIRUTLAND [38.96, -76.66] Route 50 Westbound was closed at Davids BALTIMORE COUNTY 0.5 E OELLA [38]	UTLAND [38.96, -76.65], 1.2 WSW F 09/07/11 12:57 EST 09/07/11 15:15 EST sonville Road due to flash flooding.	RUTLAND [38.96, -	0 0 the event received	Flash Flood (due to Heavy Rain) Source: Department of Highways a total of 7 inches. 9], 0.8 WSW OELLA [39.27, -76.79],
ANNE ARUNDEL COUNTY 1.3 WSW RIRUTLAND [38.96, -76.66] Route 50 Westbound was closed at Davids BALTIMORE COUNTY 0.5 E OELLA [38]	UTLAND [38.96, -76.65], 1.2 WSW F 09/07/11 12:57 EST 09/07/11 15:15 EST sonville Road due to flash flooding. 9.27, -76.77], 0.5 S OELLA [39.26, -70.77]	RUTLAND [38.96, -	0 0 the event received	Flash Flood (due to Heavy Rain) Source: Department of Highways a total of 7 inches. 9], 0.8 WSW OELLA [39.27, -76.79], Flash Flood (due to Heavy Rain)
Beach Drive was closed due to flash flooding ANNE ARUNDEL COUNTY 1.3 WSW RI RUTLAND [38.96, -76.66] Route 50 Westbound was closed at Davids BALTIMORE COUNTY 0.5 E OELLA [38 0.6 W OELLA [39.27, -76.79]	UTLAND [38.96, -76.65], 1.2 WSW F 09/07/11 12:57 EST 09/07/11 15:15 EST sonville Road due to flash flooding.	RUTLAND [38.96, -	0 0 the event received	Flash Flood (due to Heavy Rain) Source: Department of Highways a total of 7 inches. 9], 0.8 WSW OELLA [39.27, -76.79],

-76.62]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/07/11 13:00 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 15:15 EST		0	Source: Department of Highways
Route 244 was closed due to flash flooding at Abell	I Creek. A spotter near the	event observed 4.	5 inches of rain.	
CHARLES COUNTY MASON SPGS [38.58, -77.	12], 0.4 ENE MASON SPGS	S [38.58, -77.11], 0	8 NNE MASON SF	PGS [38.59, -77.12], 0.7 NNW MASON
SPGS [38.59, -77.12]	09/07/11 13:01 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 15:15 EST		0	Source: Department of Highways
Route 225 was flooded and closed near Route 224	. A nearby rain gauge tallie	ed 6.13 inches.		
ANNE ARUNDEL COUNTY 0.5 E NORTH LINTH		SE NORTH LINTHI	CUM [39.22, -76.64	ı], 0.3 SSE NORTH LINTHICUM [39.22,
-76.65], 0.3 ENE NORTH LINTHICUM [39.22, -76.64	4] 09/07/11 13:08 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 18:00 EST		0	Source: Department of Highways
	03/07/11 10:00 E01		Ü	course. Department of Figure 43
Route 648 was flooded and closed between Lake F nearby, was 7.97 inches.	Front Drive and Nursery Ro	ad. Storm total pre	cipitation at Baltim	ore-Washington International Airport,
HOWARD COUNTY 0.5 W WATERLOO [39.17,	-76.79], 0.4 WNW WATERL	OO [39.17, -76.79]	, 0.3 W WATERLO	OO [39.17, -76.79], 0.4 WSW
WATERLOO [39.17, -76.79]	09/07/11 13:14 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: Department of Highways
	03/07/11 17:00 201		Ü	course. Department of Figure 43
Route 1 was closed in both directions at Assateagu	ıe Drive. A nearby rain gau	ige tallied 5.24 inch	nes during the day.	
	= = = = = = = = = = = = = = = = = = = =	SW UPPER MARLE	BORO [38.82, -76.7	[6], 1.0 W UPPER MARLBORO [38.82,
	= = = = = = = = = = = = = = = = = = = =	SW UPPER MARLE	3 ORO [38.82, -76.7 0	Flash Flood (due to Heavy Rain)
	.76]	SW UPPER MARLE	_	
.76.77], 0.7 WNW UPPER MARLBORO [38.82, -76. Maryland Route 725 was flooded and closed at Joh	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST nn Rogers Boulevard due to		0	Flash Flood (due to Heavy Rain) Source: Department of Highways
.76.77], 0.7 WNW UPPER MARLBORO [38.82, -76. Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST on Rogers Boulevard due to s.	o floodwaters at the	0 0 confluence of Wes	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A
-76.77], 0.7 WNW UPPER MARLBORO [38.82, -76. Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST nn Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV	o floodwaters at the	0 0 confluence of West	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE
.76.77], 0.7 WNW UPPER MARLBORO [38.82, -76. Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST on Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST	o floodwaters at the	0 0 confluence of West 1], 0.5 ENE PIKES\	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain)
-76.77], 0.7 WNW UPPER MARLBORO [38.82, -76. Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.33] [39.37, -76.71]	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST on Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST	o floodwaters at the	0 0 confluence of West 1], 0.5 ENE PIKES\ 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways
Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.37, -76.71] The intersection of Slade Avenue and Park Heights in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49,	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST on Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST s Avenue was closed at the	o floodwaters at the FILLE [39.37, -76.7	0 0 confluence of West 1], 0.5 ENE PIKES\ 0 0 0 and Baltimore City	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21
Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.33 39.37, -76.71] The intersection of Slade Avenue and Park Heights in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49,	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST on Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST s Avenue was closed at the	o floodwaters at the FILLE [39.37, -76.7	0 0 confluence of West 1], 0.5 ENE PIKES\ 0 0 0 and Baltimore City	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21
Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.33 39.37, -76.71] The intersection of Slade Avenue and Park Heights in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49,	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST on Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST s Avenue was closed at the	o floodwaters at the FILLE [39.37, -76.7	0 0 confluence of West 1], 0.5 ENE PIKES 0 0 and Baltimore City	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21 ILLE [39.49, -76.64], 0.3 NE
PRINCE GEORGE'S COUNTY UPPER MARLBO -76.77], 0.7 WNW UPPER MARLBORO [38.82, -76. Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.33] [39.37, -76.71] The intersection of Slade Avenue and Park Heights inches in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49, COCKEYSVILLE [39.48, -76.65]	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST on Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST s Avenue was closed at the -76.65], 0.7 SSE HUNT VL* 09/07/11 13:44 EST 09/07/11 18:00 EST	o floodwaters at the FILLE [39.37, -76.7' Baltimore County Y [39.49, -76.65], 0	0 0 0 confluence of West 0 0 0 and Baltimore City 0 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21 ILLE [39.49, -76.64], 0.3 NE Flash Flood (due to Heavy Rain) Source: Department of Highways
Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.3] The intersection of Slade Avenue and Park Heights inches in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49, COCKEYSVILLE [39.48, -76.65] Route 45 was closed at Beaver Run Lane due to flathoward COUNTY 1.1 E CLARKSVILLE [39.20]	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST nn Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST s Avenue was closed at the -76.65], 0.7 SSE HUNT VL* 09/07/11 13:44 EST 09/07/11 18:00 EST ash flooding. The nearest r	o floodwaters at the FILLE [39.37, -76.7] Baltimore County Y [39.49, -76.65], 0	0 0 0 confluence of West 0, 0.5 ENE PIKESV 0 0 and Baltimore City 0 0 vent measured 10.0	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21 ILLE [39.49, -76.64], 0.3 NE Flash Flood (due to Heavy Rain) Source: Department of Highways 09 inches.
Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.3: 39.37, -76.71] The intersection of Slade Avenue and Park Heights niches in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49, COCKEYSVILLE [39.48, -76.65] Route 45 was closed at Beaver Run Lane due to flathough the country 1.1 E CLARKSVILLE [39.20]	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST nn Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST s Avenue was closed at the -76.65], 0.7 SSE HUNT VL' 09/07/11 13:44 EST 09/07/11 18:00 EST ash flooding. The nearest r	o floodwaters at the FILLE [39.37, -76.7] Baltimore County Y [39.49, -76.65], 0	0 0 0 confluence of West 0, 0.5 ENE PIKESV 0 0 and Baltimore City 0 0 cent measured 10.0 5.87], 0.4 NNE SIM	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21 ILLE [39.49, -76.64], 0.3 NE Flash Flood (due to Heavy Rain) Source: Department of Highways 09 inches.
Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.3: [39.37, -76.71] The intersection of Slade Avenue and Park Heights nches in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49, COCKEYSVILLE [39.48, -76.65] Route 45 was closed at Beaver Run Lane due to flathoward COUNTY 1.1 E CLARKSVILLE [39.20]	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST nn Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST 6 Avenue was closed at the -76.65], 0.7 SSE HUNT VL 09/07/11 13:44 EST 09/07/11 18:00 EST ash flooding. The nearest r 0, -76.86], 0.6 ENE SIMPSO 0 MILLS [39.22, -76.85] 09/07/11 13:52 EST	o floodwaters at the FILLE [39.37, -76.7] Baltimore County Y [39.49, -76.65], 0	0 0 0 confluence of West 0, 0.5 ENE PIKESV 0 0 and Baltimore City 0 0 vent measured 10.0	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21 ILLE [39.49, -76.64], 0.3 NE Flash Flood (due to Heavy Rain) Source: Department of Highways 09 inches. PSONVILLE [39.19, -76.88], 0.1 WNW Flash Flood (due to Heavy Rain)
-76.77], 0.7 WNW UPPER MARLBORO [38.82, -76. Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.33] The intersection of Slade Avenue and Park Heights inches in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49, COCKEYSVILLE [39.48, -76.65]	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST nn Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST 6 Avenue was closed at the -76.65], 0.7 SSE HUNT VL 09/07/11 13:44 EST 09/07/11 18:00 EST ash flooding. The nearest r 0, -76.86], 0.6 ENE SIMPSO MILLS [39.22, -76.85] 09/07/11 13:52 EST 09/07/11 17:00 EST	Display of the English of the Englis	0 0 0 confluence of West 0, 0.5 ENE PIKESV 0 0 and Baltimore City 0 0 cent measured 10.0 5.87], 0.4 NNE SIM 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21 ILLE [39.49, -76.64], 0.3 NE Flash Flood (due to Heavy Rain) Source: Department of Highways 09 inches. PSONVILLE [39.19, -76.88], 0.1 WNW Flash Flood (due to Heavy Rain) Source: Emergency Manager
Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.3: [39.37, -76.71] The intersection of Slade Avenue and Park Heights inches in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49, COCKEYSVILLE [39.48, -76.65] Route 45 was closed at Beaver Run Lane due to flath HOWARD COUNTY 1.1 E CLARKSVILLE [39.20, DAKLAND MILLS [39.22, -76.85], 0.3 E OAKLAND High water was blocking the northbound lanes of R	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST on Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST s Avenue was closed at the -76.65], 0.7 SSE HUNT VL 09/07/11 13:44 EST 09/07/11 18:00 EST ash flooding. The nearest r 0, -76.86], 0.6 ENE SIMPSO MILLS [39.22, -76.85] 09/07/11 13:52 EST 09/07/11 17:00 EST	o floodwaters at the ville [39.37, -76.77] Baltimore County Y [39.49, -76.65], 0 rain gauge to the events are possible [39.18, -76] 2 and 175. A spott	0 0 0 confluence of West 1], 0.5 ENE PIKES 0 0 and Baltimore City 6 NE COCKEYSV 0 0 vent measured 10.0 5.87], 0.4 NNE SIM 0 0 er in Columbia mea	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21 ILLE [39.49, -76.64], 0.3 NE Flash Flood (due to Heavy Rain) Source: Department of Highways 09 inches. PSONVILLE [39.19, -76.88], 0.1 WNW Flash Flood (due to Heavy Rain) Source: Emergency Manager asured 5.18 inches of rain.
Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inchest BALTIMORE COUNTY 0.5 E PIKESVILLE [39.3: [39.37, -76.71] The intersection of Slade Avenue and Park Heights inches in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49, COCKEYSVILLE [39.48, -76.65] Route 45 was closed at Beaver Run Lane due to flath HOWARD COUNTY 1.1 E CLARKSVILLE [39.20 OAKLAND MILLS [39.22, -76.85], 0.3 E OAKLAND High water was blocking the northbound lanes of R PRINCE GEORGE'S COUNTY KENT VLG [38.95]	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST nn Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST 6 Avenue was closed at the -76.65], 0.7 SSE HUNT VL 09/07/11 13:44 EST 09/07/11 18:00 EST ash flooding. The nearest r 0, -76.86], 0.6 ENE SIMPSO 0 MILLS [39.22, -76.85] 09/07/11 17:00 EST coute 29 between Routes 32 2, -76.93], 0.4 SSE KENT V	o floodwaters at the ville [39.37, -76.77] Baltimore County Y [39.49, -76.65], 0 rain gauge to the events are possible [39.18, -76] 2 and 175. A spott	0 0 0 confluence of West 1], 0.5 ENE PIKES 0 0 and Baltimore City 6 NE COCKEYSV 0 0 vent measured 10.0 5.87], 0.4 NNE SIM 0 0 er in Columbia mea	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21 ILLE [39.49, -76.64], 0.3 NE Flash Flood (due to Heavy Rain) Source: Department of Highways 09 inches. PSONVILLE [39.19, -76.88], 0.1 WNW Flash Flood (due to Heavy Rain) Source: Emergency Manager asured 5.18 inches of rain.
Maryland Route 725 was flooded and closed at Johnearby rain gauge reportedly measured 4.58 inches BALTIMORE COUNTY 0.5 E PIKESVILLE [39.33] [39.37, -76.71] The intersection of Slade Avenue and Park Heights inches in it. BALTIMORE COUNTY 0.7 S HUNT VLY [39.49, COCKEYSVILLE [39.48, -76.65] Route 45 was closed at Beaver Run Lane due to flather the second strength of the county 1.1 E CLARKSVILLE [39.20] OAKLAND MILLS [39.22, -76.85], 0.3 E OAKLAND	.76] 09/07/11 13:35 EST 09/07/11 17:00 EST on Rogers Boulevard due to s. 7, -76.71], 0.3 ENE PIKESV 09/07/11 13:42 EST 09/07/11 17:00 EST s Avenue was closed at the -76.65], 0.7 SSE HUNT VL 09/07/11 13:44 EST 09/07/11 18:00 EST ash flooding. The nearest r 0, -76.86], 0.6 ENE SIMPSO MILLS [39.22, -76.85] 09/07/11 13:52 EST 09/07/11 17:00 EST	o floodwaters at the ville [39.37, -76.77] Baltimore County Y [39.49, -76.65], 0 rain gauge to the events are possible [39.18, -76] 2 and 175. A spott	0 0 0 confluence of West 1], 0.5 ENE PIKES 0 0 and Baltimore City 6 NE COCKEYSV 0 0 vent measured 10.0 5.87], 0.4 NNE SIM 0 0 er in Columbia mea	Flash Flood (due to Heavy Rain) Source: Department of Highways stern Branch and Collington Branch. A VILLE [39.37, -76.71], 0.6 E PIKESVILLE Flash Flood (due to Heavy Rain) Source: Department of Highways border. A nearby rain gauge had 7.21 ILLE [39.49, -76.64], 0.3 NE Flash Flood (due to Heavy Rain) Source: Department of Highways 09 inches. PSONVILLE [39.19, -76.88], 0.1 WNW Flash Flood (due to Heavy Rain) Source: Emergency Manager asured 5.18 inches of rain.

High water was blocking lanes of the Route 50, 201, and 295 interchange. A nearby spotter observed 4.64 inches of rain.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHARLES COUNTY 1.3 WSW MATTAW	OMAN [38.64, -76.90], 1.6 WSW BE	ERRY [38.64, -76.9	8], 1.8 NE POMFR	RET [38.60, -77.01], 2.1 E INDIAN HEAD
JCT [38.58, -76.89]	09/07/11 14:00 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 16:00 EST		0	Source: Fire Department/Rescue
Numerous roadways were closed due to flas	sh flooding in Waldorf and across C	harles County. A	spotter in Waldorf	measured 8.71 inches of rain.
HARFORD COUNTY 1.3 WNW TAYLOR	[39.59, -76.54], 1.1 WNW TAYLOR	[39.59, -76.54], 0.	9 NW TAYLOR [39	0.59, -76.53], 1.3 NW TAYLOR [39.59,
-76.54]	09/07/11 14:30 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 19:30 EST		0	Source: Fire Department/Rescue
The intersection of Houkes Mill and Turner r	roads was closed due to flash floodi	in. A nearby rain ç	gauge recorded 3.8	34 inches.
BALTIMORE COUNTY 0.9 NE GREEN S	PG JCT [39.41, -76.76], 0.6 NW MC	DONOGH [39.41,	-76.76], 0.6 ENE (GREEN SPG JCT [39.40, -76.76], 0.6
NNE GREEN SPG JCT [39.41, -76.77]	09/07/11 14:35 EST		0	Flach Flood (due to Heavy Pain)
	09/07/11 14:35 EST 09/07/11 17:00 EST		0	Flash Flood (due to Heavy Rain) Source: Department of Highways
Route 140 was closed at Kenmar Avenue di		ear the event tallie		Source. Department of Flighways
ANNE ARUNDEL COUNTY 1.3 WNW LU				ITI AND (38 99 -76 63) 1.5 ESE
CROFTON [38.99, -76.63]	OD 1 X(DO [00.00, -70.02], 1.1 (4)	- NOTEAND [00:00	5, -70.02j, 1.0 K KC	71EAND [00.00, -70.00], 1.0 EOE
	09/07/11 14:54 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 16:00 EST		0	Source: Department of Highways
HOWARD COUNTY 0.5 W DORSEY [39. [,] 76.77]	09/07/11 15:02 EST 09/07/11 18:00 EST	113, -70.70], 1.0 00	0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways
Route 103 was closed at Roosevelt Bouleva			Ü	Source. Department of Flighways
ANNE ARUNDEL COUNTY 1.1 E MARYL	AND CITY [39.10, -76.80], 1.5 E M.	ARYLAND CITY [3	39.10, -76.79], 1.4 I	ESE MARYLAND CITY [39.09, -76.80],
0.8 ESE MARYLAND CITY [39.09, -76.81]				
	09/07/11 16:00 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 19:00 EST		0	Source: Department of Highways
Route 198 was closed at the Baltimore-Was	hington Parkway. A rain gauge nea	ar the event record	ded 5.98 inches.	
PRINCE GEORGE'S COUNTY 0.9 NW NA [38.73, -76.75]	AYLOR [38.73, -76.76], 1.0 NNW NA	AYLOR [38.73, -76	5.76], 0.7 N NAYLC	DR [38.73, -76.75], 0.5 NNW NAYLOR
• • •	09/07/11 16:00 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 17:00 EST		0	Source: Trained Spotter
Mattaponi Creek flash flood forced the closu	re of Croom Road at Mattaponi Ro	ad. The spotter th	at observed the ev	vent recorded 6.20 inches.
CHARLES COUNTY 1.3 WNW TOMPKIN	SVILLE [38.33, -76.92], 1.1 S WAY	SIDE [38.33, -76.9	3], 1.1 SSE WAYS	SIDE [38.34, -76.92], 1.3 NW
TOMPKINSVILLE [38.33, -76.92]	00/07/11 16:55 EST		0	Flood (due to Heavy Pain)
	09/07/11 16:55 EST 09/07/11 21:55 EST		0	Flood (due to Heavy Rain) Source: Department of Highways
Route 257 was flooded and closed at Banks		served 4.52 inche		Course. Department of Flighways
				/ (20 EO - 75 EA) O E S LIGHT VIV
BALTIMORE COUNTY 0.7 S HUNT VLY [39.49, -76.65]	[33.43, -/6.63], U.O WSW ASHLANI	ს [აფ.ნს, -/ხ.ნ4 <u>],</u> (J.4 ESE HUNI VLY	1 [33.30, -70.04], U.3 3 NUNT VLT
· · · · · · · · · · · · · · · · · · ·	09/07/11 17:42 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 19:00 EST		0	Source: Department of Highways

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Route 145 was closed at Ashland Road due to	flash flooding. A nearby rain ga	auge tallied 6.64 in	ches.	
OWARD COUNTY 1.1 N SAVAGE [39.15,	-76.83], 1.4 N SAVAGE [39.15, 09/07/11 18:00 EST	-76.83], 1.2 S GUII	-FORD [39.15, -76.	83], 1.4 NNW SAVAGE [39.15, -76.84] Flood (due to Heavy Rain)
	09/07/11 23:00 EST		0	Source: Trained Spotter
he Little Patuxent River at Volmerhausen Roa	ad topped the bridge and flooded	d it.		
RINCE GEORGE'S COUNTY 0.5 S UPPER	R MARLBORO [38.81, -76.75], 0	.4 SSE UPPER MA	ARLBORO [38.81, -	-76.75], 0.3 S UPPER MARLBORO [38.82,
6.75], 0.4 SSW UPPER MARLBORO [38.82,	-76.75]			
	09/07/11 19:00 EST		0	Flood (due to Heavy Rain)
	09/07/11 23:00 EST		0	Source: Department of Highways
ater Street was closed north of Route 4 due	to flooding. A nearby rain gauge	e totalled 4.63 inch	ies.	
ARFORD COUNTY 2.1 W STREET [39.67,	= = = = = = = = = = = = = = = = = = = =	67, -76.45], 2.5 NN	= .	
	09/07/11 19:23 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 21:00 EST		0	Source: Department of Highways
oute 165 was closed due to flash flooding ne	ar Route 24. A nearby rain gau	ge recorded 3.85 in	nches.	
ALTIMORE COUNTY 0.9 SE PHOENIX [39	9.51, -76.61], 1.2 ENE ASHLANI	D [39.50, -76.61], 0	0.8 E ASHLAND [39	9.50, -76.62], 0.5 NE ASHLAND [39.51,
1	09/07/11 19:35 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 21:00 EST		0	Source: Department of Highways
aper Mill Road was closed at Poplar Hill Road	d due to flash flooding. Rainfall	in the area was m	easured at 4.80 inc	hes.
ARFORD COUNTY 0.9 NE ABINGDON [39	9.48, -76.26], 0.8 N SEWELL [39).48, -76.25], 0.7 N	SEWELL [39.48, -	76.25], 0.5 ENE ABINGDON [39.47,
6.26], 0.6 NE ABINGDON [39.48, -76.26]	09/07/11 20:03 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 22:00 EST		0	Source: Department of Highways
outo 7 was aloned from Douto 126 to Douto 6	42 due to fleeh fleeding Paints	all near the event v	vas maasurad at 2	12 inches
oute 7 was closed from Route 136 to Route 5	43 due to hash hooding. Kaima	an near the event v	vas measureu at 3.	12 IIICHES.
NNE ARUNDEL COUNTY 1.1 E EARLEIG SE EARLEIGH HGTS [39.10, -76.53]	H HGTS [39.10, -76.53], 1.2 E E	ARLEIGH HGTS [39.10, -76.53], 1.2 I	ESE EARLEIGH HGTS [39.10, -76.53], 1.1
OL EARLEIGH HOTO [55:10, -76:55]	09/07/11 20:15 EST	1	0	Flood (due to Heavy Rain)
	09/07/11 20:45 EST		0	Source: Department of Highways
49 year old male drowned in floodwaters of t	he Magothy River on Riverside	Drive.		
irect Fatalities: M49OU	,			
HARLES COUNTY PORT TOBACCO [38.9 [6.99]	52, -77.02], 0.1 N LA PLATA [38	3.53, -76.98], 0.3 S	LA PLATA [38.53,	-76.98], 0.7 SW LA PLATA [38.52,
-	09/07/11 21:08 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 23:00 EST		0	Source: Department of Highways
oute 301 was closed at Route 6 due to flash	flooding. A nearby rain gauge to	allied a storm total	of 7.83 inches.	
HARLES COUNTY 0.9 SW BEL ALTON [3	8.46, -76.99], 1.0 SSW BEL AL	TON [38.46, -76.99], 1.1 SW BEL AL1	ON [38.46, -76.99], 1.1 SW BEL
LTON [38.46, -76.99]				
	09/07/11 21:18 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 23:00 EST		0	Source: Department of Highways
oute 301 was closed at Chapel Point Road d	ue to flash flooding. A rain gaug	ge in the area reco	rded 6.91 inches.	
HARLES COUNTY 0.5 E INDIAN HD MRY		NE INDIAN HD MR	YLND ARP [38.60,	-77.07], 0.4 NE INDIAN HD MRYLND
RP [38.60, -77.06], 0.6 ENE INDIAN HD MRY	LND ARP [38.60, -77.06] 09/07/11 21:33 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 23:00 EST		0	Source: Department of Highways
			-	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Route 227 West was closed at Ray Drive	due to flash flooding. A nearby spot	ter reported 5.84 in	iches of rain.	
CHARLES COUNTY PORT TOBACCO		BACCO [38.51, -77.	.02], 0.4 SSE POR	T TOBACCO [38.51, -77.02], 0.5 E
PORT TOBACCO [38.52, -77.01], 0.3 NE	PORT TOBACCO [38.52, -77.01] 09/07/11 21:46 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 23:00 EST		0	Source: Department of Highways
	03/07/11 23:30 201		Ü	Course. Department of Fighways
Port Tobacco Road was closed between	Rose Hill and Valley Roads.			
PRINCE GEORGE'S COUNTY 1.4 S W	/ESTPHALIA [38.81, -76.82], 1.1 ESE	MEADOWS [38.8	1, -76.83], 1.0 E ME	EADOWS [38.82, -76.83], 0.9 S
WESTPHALIA [38.82, -76.82]		-		
	09/07/11 22:19 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 23:30 EST		0	Source: Department of Highways
Route 4 at Woodyard Road was closed d	ue to flash flooding. A nearby rain ga	auge tallied 6.72 inc	ches.	
PRINCE GEORGE'S COUNTY 0.7 N B	OWIE [39.01, -76.78], 0.9 NE BOWIE	[39.01, -76.77], 0.4	4 E BOWIE [39.00,	-76.77], 0.3 ENE SPRINGFIELD [39.00,
76.80]	-	- , -	• ,	• ,
	09/07/11 22:30 EST		0	Flash Flood (due to Heavy Rain)
	09/07/11 23:30 EST		0	Source: State Official
Multiple roadways were closed in and arc	ound Bowie due to flash flooding. A n	earby rain gauge to	otalled 4.53 inches	;.
CARROLL COUNTY 0.6 N SILVER RU	IN [39.69, -77.05], 0.6 N SILVER RUN	N [39.69, -77.051, 1.	0 N SILVER RUN I	[39.69, -77.05], 1.0 N SILVER RUN
[39.69, -77.05]	_ ,	_ ,		• • •
	09/07/11 23:00 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 01:00 EST		0	Source: Department of Highways
MONTGOMERY COUNTY 0.7 S GOSH 77.19]	HEN [39.19, -77.18], 0.9 SSW GOSHE	:N [39.19, -77.19], (0.8 SSW GOSHEN	[39.19, -77.19], 0.5 SW GOSHEN [39.19, Flash Flood (due to Heavy Rain)
	09/08/11 01:00 EST		0	Source: Emergency Manager
	00/00/11 01:00 E01		ŭ	course. Emergency manager
Goshen Road was closed between East vaccording to rain gauge measurement.	Village and Warbuild Road due to flas	sh flooding. Storm	total precipitation f	from near this event was 3.09 inches,
CHARLES COUNTY 0.7 SW BERRY [38.64, -76.96], 0.8 S MATTAWOMAN	[38.64, -76.88], 1.3	3 WSW BEANTOW	/N [38.61, -76.90], 1.9 WNW ST
CHARLES [38.61, -76.95]	09/07/11 23:25 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 01:00 EST		0	Source: Department of Highways
Numerous high water rescues were ongo		areas.		
BALTIMORE COUNTY 0.7 S DUNDAL -76.52]		s9.26, -76.52], 0.9 S		J.26, -/6.52], U.7 SSE DUNDALK [39.26,
	09/08/11 00:00 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 02:00 EST		0	Source: Trained Spotter
	nan Way was closed due to flash floo	ding. A nearby rai	n gauge measured	4.60 inches.
Intersection of Liberty Parkway and Dunn				
	ALK [39.28, -76.51], 1.3 NE DUNDALI	K [39.28, -76.50], 1	.4 NE DUNDALK [3	39.29, -76.50], 1.2 NNE DUNDALK [39.29,
BALTIMORE COUNTY 0.9 NE DUNDA		K [39.28, -76.50], 1	_	
BALTIMORE COUNTY 0.9 NE DUNDA	09/08/11 00:00 EST	K [39.28, -76.50], 1	0	Flash Flood (due to Heavy Rain)
Intersection of Liberty Parkway and Dunn BALTIMORE COUNTY 0.9 NE DUNDA -76.51]		〈 [39.28, -76.50], 1.	_	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/08/11 00:00 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 02:00 EST		0	Source: Trained Spotter
lorth Point Road was closed at German H	ill Road due to flash flooding.			
ANNE ARUNDEL COUNTY 1.8 SW RIV	A [38.93, -76.60], 1.6 SSW RIVA [38	3.93, -76.60], 1.8 N	SOUTH RIVER [38	8.93, -76.60], 1.7 ENE DAVIDSONVILLE
[38.93, -76.60]	09/08/11 00:30 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 02:00 EST		0	Source: Department of Highways
Route 214 was closed near Beards Point F	Road due to flash flooding. A nearby	y rain gauge had a	measurement of 5	.30 inches.
CALVERT COUNTY 0.4 S RANDLE CLI	= ' = ' = ' = ' = ' = ' = ' = ' = ' = '	V RANDLE CLIFF E	BEACH [38.66, -76	.53], 0.2 WSW RANDLE CLIFF BEACH
[38.67, -76.53], 0.1 WNW RANDLE CLIFF	09/08/11 00:30 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 02:00 EST		0	Source: State Official
Route 261 was closed at Summer City Bou	ulevard due to flash flooding. A rain	gauge near the ev	ent observed 4.67	inches.
CALVERT COUNTY 0.7 N NORTH BEA	CH [38.71, -76.53], 0.4 NNW NORT	H BEACH [38.70, -	76.53], 0.4 NNW N	ORTH BEACH [38.71, -76.53], 0.6 NNW
NORTH BEACH [38.71, -76.53]	09/08/11 00:30 EST		0	Flach Flood (due to Hoovy Pain)
	09/08/11 02:00 EST		0	Flash Flood (due to Heavy Rain) Source: State Official
	09/00/11 02:00 E31		U	Source. State Official
Chesapeake Avenue was closed between	ord and 4th offeets due to hash not	oding. A nearby sp	oller measured 4.0	o inches of fain.
	CITY [39.27, -76.80], 0.3 SE ELLIC	OTT CITY [39.27,	76.80], 0.3 SE ELL	LICOTT CITY [39.27, -76.80], 0.3 SE
	O9/08/11 01:00 EST	OTT CITY [39.27, -	.76.80], 0.3 SE ELL	Flash Flood (due to Heavy Rain)
		OTT CITY [39.27, -		
ELLICOTT CITY [39.27, -76.80]	09/08/11 01:00 EST 09/08/11 03:00 EST		0	Flash Flood (due to Heavy Rain) Source: Emergency Manager
ELLICOTT CITY [39.27, -76.80] Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BUR	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and	landslide affected	0 0 automobiles in the	Flash Flood (due to Heavy Rain) Source: Emergency Manager area.
ELLICOTT CITY [39.27, -76.80] Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BUR	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and	landslide affected	0 0 automobiles in the	Flash Flood (due to Heavy Rain) Source: Emergency Manager area.
ELLICOTT CITY [39.27, -76.80] Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BUR	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN	landslide affected	0 0 automobiles in the 6.63], 0.2 W GLEN	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN
ELLICOTT CITY [39.27, -76.80] Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BURI BURNIE [39.17, -76.63]	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST	landslide affected BURNIE [39.17, -7	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways
ELLICOTT CITY [39.27, -76.80] Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BURBURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding	landslide affected BURNIE [39.17, -7	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches.
Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BUR BURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding	landslide affected BURNIE [39.17, -7	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches.
ELLICOTT CITY [39.27, -76.80] Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BURBURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding	landslide affected BURNIE [39.17, -7	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0 uge had a measur 76, -76.66], 0.9 ESI	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches. ELYONS CREEK [38.76, -76.66], 0.7 ENE
HOWARD COUNTY 0.3 SSE ELLICOTT ELLICOTT CITY [39.27, -76.80] Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BUR BURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON LYONS CREEK [38.77, -76.66]	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding S CREEK [38.77, -76.66], 0.8 SE LN 09/08/11 03:45 EST 09/08/11 09:00 EST	landslide affected BURNIE [39.17, -7	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0 uge had a measur 76, -76.66], 0.9 ESI	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches. E LYONS CREEK [38.76, -76.66], 0.7 ENE Flood (due to Heavy Rain)
Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BURBURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON LYONS CREEK [38.77, -76.66] Fishers Station Road was closed due to floor	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding IS CREEK [38.77, -76.66], 0.8 SE LY 09/08/11 03:45 EST 09/08/11 09:00 EST	landslide affected BURNIE [39.17, -7	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0 uge had a measur 76, -76.66], 0.9 ESI 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches. E LYONS CREEK [38.76, -76.66], 0.7 ENE Flood (due to Heavy Rain) Source: Department of Highways
Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BUR BURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON LYONS CREEK [38.77, -76.66] Fishers Station Road was closed due to flo PRINCE GEORGE'S COUNTY 2.1 N BR	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding S CREEK [38.77, -76.66], 0.8 SE LY 09/08/11 03:45 EST 09/08/11 09:00 EST coding at Route 4.	landslide affected BURNIE [39.17, -7	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0 uge had a measur 76, -76.66], 0.9 ESI 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches. E LYONS CREEK [38.76, -76.66], 0.7 ENE Flood (due to Heavy Rain) Source: Department of Highways
Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BURBURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON LYONS CREEK [38.77, -76.66] Fishers Station Road was closed due to floor	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding IS CREEK [38.77, -76.66], 0.8 SE LN 09/08/11 03:45 EST 09/08/11 09:00 EST poding at Route 4. COWN [38.88, -76.80], 1.6 N BROWN	landslide affected BURNIE [39.17, -7	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0 uuge had a measur 76, -76.66], 0.9 ESE 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches. E LYONS CREEK [38.76, -76.66], 0.7 ENE Flood (due to Heavy Rain) Source: Department of Highways
Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BURBURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON LYONS CREEK [38.77, -76.66] Fishers Station Road was closed due to floor prince GEORGE'S COUNTY 2.1 N BR-76.81]	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding S CREEK [38.77, -76.66], 0.8 SE LY 09/08/11 03:45 EST 09/08/11 09:00 EST coding at Route 4. 20WN [38.88, -76.80], 1.6 N BROWN 09/08/11 05:25 EST 09/08/11 07:00 EST	landslide affected BURNIE [39.17, -7 g. A nearby rain gar YONS CREEK [38.1	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0 uge had a measur 76, -76.66], 0.9 ESE 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches. E LYONS CREEK [38.76, -76.66], 0.7 ENE Flood (due to Heavy Rain) Source: Department of Highways
Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BURBURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON LYONS CREEK [38.77, -76.66] Fishers Station Road was closed due to floor PRINCE GEORGE'S COUNTY 2.1 N BR -76.81]	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding S CREEK [38.77, -76.66], 0.8 SE LY 09/08/11 03:45 EST 09/08/11 09:00 EST coding at Route 4. 20WN [38.88, -76.80], 1.6 N BROWN 09/08/11 05:25 EST 09/08/11 07:00 EST	landslide affected BURNIE [39.17, -7 g. A nearby rain gar YONS CREEK [38.1	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0 uge had a measur 76, -76.66], 0.9 ESE 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches. E LYONS CREEK [38.76, -76.66], 0.7 ENE Flood (due to Heavy Rain) Source: Department of Highways
Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BURB BURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON LYONS CREEK [38.77, -76.66] Fishers Station Road was closed due to floo PRINCE GEORGE'S COUNTY 2.1 N BR -76.81] Route 202 was closed at White House Road HARFORD COUNTY 0.7 S DUBLIN [39.	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding S CREEK [38.77, -76.66], 0.8 SE LN 09/08/11 03:45 EST 09/08/11 09:00 EST coding at Route 4. ROWN [38.88, -76.80], 1.6 N BROWN 09/08/11 05:25 EST 09/08/11 07:00 EST and due to flash flooding. A rainfall and	landslide affected BURNIE [39.17, -7 g. A nearby rain ga YONS CREEK [38.3 N [38.87, -76.79], 1.4 mount of 4.30 inches	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0 uge had a measur 76, -76.66], 0.9 ESE 0 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches. E LYONS CREEK [38.76, -76.66], 0.7 ENE Flood (due to Heavy Rain) Source: Department of Highways 88.88, -76.81], 1.8 SE LARGO [38.88, Flash Flood (due to Heavy Rain) Source: Department of Highways ar the event.
Flash flooding caused landslide on Saint P ANNE ARUNDEL COUNTY GLEN BURB BURNIE [39.17, -76.63] Route 176 was closed between Route 648 ANNE ARUNDEL COUNTY 0.5 E LYON LYONS CREEK [38.77, -76.66] Fishers Station Road was closed due to flood	09/08/11 01:00 EST 09/08/11 03:00 EST aul Street. A tree was downed and NIE [39.17, -76.63], 0.2 SSW GLEN 09/08/11 03:15 EST 09/08/11 08:00 EST and Central Avenue due to flooding S CREEK [38.77, -76.66], 0.8 SE LN 09/08/11 03:45 EST 09/08/11 09:00 EST coding at Route 4. ROWN [38.88, -76.80], 1.6 N BROWN 09/08/11 05:25 EST 09/08/11 07:00 EST and due to flash flooding. A rainfall and	landslide affected BURNIE [39.17, -7 g. A nearby rain ga YONS CREEK [38.3 N [38.87, -76.79], 1.4 mount of 4.30 inches	0 0 automobiles in the 6.63], 0.2 W GLEN 0 0 uge had a measur 76, -76.66], 0.9 ESE 0 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager area. BURNIE [39.17, -76.63], 0.1 NW GLEN Flood (due to Heavy Rain) Source: Department of Highways ement of 5.16 inches. E LYONS CREEK [38.76, -76.66], 0.7 ENE Flood (due to Heavy Rain) Source: Department of Highways 88.88, -76.81], 1.8 SE LARGO [38.88, Flash Flood (due to Heavy Rain) Source: Department of Highways ar the event.

Route 1 southbound was flooded and closed at Priestford Road. A nearby spotter observed 2.92 inches of rain.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY 1.8 SW MONRO MONROVIA [39.35, -77.29]	VIA [39.35, -77.29], 1.5 SSW MONRO	OVIA [39.35, -77.2	8], 1.7 SSW MONR	ROVIA [39.35, -77.28], 2.0 SW
WORKOVIA [55.55, -17.25]	09/08/11 11:13 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 15:00 EST		0	Source: Department of Highways
Route 80 was flooded and closed west of E	Ed McClain Road.			
MONTGOMERY COUNTY DAMASCUS	[39.28, -77.20], 0.9 NNE DAMASCU	S [39.29, -77.19], (D.8 N HYATTSTOW	VN [39.29, -77.32], 0.5 SSE
HYATTSTOWN [39.27, -77.32]	00/00/44 40:05 FCT		0	Floor Floor (due to Hoovy Bois)
	09/08/11 12:25 EST 09/08/11 18:00 EST		0	Flash Flood (due to Heavy Rain) Source: Department of Highways
Routes 108 and 109 near Damascus were		by rain gauge talli		Source. Department of Flighways
MONTGOMERY COUNTY 0.7 S PURDL				120 20 77 221 0.0 SW DUDDUM 120 27
77.24]	JM [39.27, -17.23], 0.0 ENE FORDON	ii [39.29, -77.22], C	.0 NINE FORDOW	[35.25, -11.25], 0.5 3W FORDOW [35.21,
-	09/08/11 17:25 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 19:00 EST		0	Source: COOP Observer
Kings Valley Road closed and under 2 feet	t of flowing water.			
MONTGOMERY COUNTY 1.3 WSW GA	NTHERSBURG [39.12, -77.22], 1.2 N	HUNTING HILL [39.12, -77.22], 1.1 l	NNE HUNTING HILL [39.12, -77.21], 0.9
SW GAITHERSBURG [39.12, -77.21], 0.9 N		2]	-	• • •
	09/08/11 17:40 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 19:00 EST		0	Source: Trained Spotter
Muddy Branch Road closed due to flash flo	ooding.			
MONTGOMERY COUNTY 1.3 WNW SE	NECA [39.09, -77.35], 0.8 WNW SEN	NECA [39.08, -77.3	34], 1.4 NNW SENE	ECA [39.10, -77.34], 1.9 NW SENECA
[39.10, -77.35]	00/00/44 47 45 507		0	Floor Floor (About to House Bolis)
	09/08/11 17:45 EST		0	Flash Flood (due to Heavy Rain) Source: State Official
	09/08/11 19:00 EST		-	Source. State Official
Flash flooding caused structural damage o	on the bridge over Dry Seneca Creek	on Montevideo Ro	oad.	
CHARLES COUNTY 1.1 W HILL TOP [3 [38.49, -77.14]	38.48, -77.14], 0.5 WNW HILL TOP [3	88.48, -77.13], 0.6	NNW HILL TOP [38	8.49, -77.13], 0.9 SSE IRONSIDES
56.43, -77.14]	09/08/11 19:00 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 21:00 EST		0	Source: Department of Highways
Port Tobacco Road was closed at Wards F	Run due to flash flooding.			
CHARLES COUNTY 2.1 SE NANJEMO	V APPT [38 45 -77 22] 1 1 WSW DO	NCASTED 138 40	-77 241 1 6 W IP	ONSIDES 138 50 -77 181 1 8 NE
GRAYTON [38.44, -77.18]	. Alta 1 [00:40, 77:22], 11: 11011 BC	J. 100.40	, , , , , , , , , , , , , , , , , , , ,	0.10.1520 [00.100, 11110], 110 NZ
- -	09/08/11 19:00 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 21:00 EST		0	Source: Emergency Manager
Many roads were closed throughout the co	ounty due to flash flooding. A numbe	r of sinkholes were	e also reported.	
MONTGOMERY COUNTY 0.9 SE SENE	CA [39.07, -77.32], 0.6 SE SENECA	[39.07, -77.32], 0.	3 SE SENECA [39.	.08, -77.33], 0.3 SSE SENECA [39.08,
-77.33], 0.5 SSE SENECA [39.07, -77.33]	00/09/14 22:20 FST		0	Flood (due to Hoovy Poin)
	09/08/11 22:20 EST		0	Flood (due to Heavy Rain)
	09/08/11 23:45 EST		U	Source: Department of Highways
Route 190 was closed between Violetters I	Lock Road and Manor Stone Drive.			
Abnormally moist atmosphere across the	e mid-Atlantic allowed showers and	l thunderstorms t	o produce excepti	ional rainfall rates across
portions of Maryland as the remnants of	Tropical Depression Lee interacted	l with a nearly sta	tionary boundary	near the Mason-Dixon
line. Major flooding and flash flooding or		=	-	
Charles County northeastward into Baltin	more County. The highest measure	ed rainfall report o	during this period	was 10.70 inches in Anne

ST. MARY'S COUNTY --- 1.1 SSE CHINGVILLE [38.22, -76.54], 1.2 SSW CHINGVILLE [38.22, -76.56]

Arundel County.

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/07/11 18:33 EST		0	Tornado (EF0, L: 0.98 mi , W: 50 yd)
	09/07/11 18:40 EST		0	Source: Trained Spotter
a storm spotter witnessed the snapping of sevenith Lightfoot Way.	eral trees along with roaring win	d. The damage wa	s in the woods just	north of Route 5 near the intersection
CHARLES COUNTY 1.1 ESE WICOMICO [3	•			
	09/07/11 20:31 EST		5K 0	Thunderstorm Wind (EG 52 kt) Source: Broadcast Media
Trees were uprooted due to thunderstorm wind	09/07/11 20:31 EST		U	Source. Dioaucast Media
CHARLES COUNTY 0.9 SE WICOMICO [38	44 76 971 4 2 W DVCEVILLE	[29 <i>A</i> 2 76 95]		
CHARLES COUNTY 0.9 SE WICOMICO [36.	09/07/11 20:34 EST	[36.43, -76.65]	5K	Tornado (EF0, L: 1.40 mi , W: 50 yd)
	09/07/11 20:36 EST		0	Source: Trained Spotter
A tornado downed trees at the intersection of R off. A shed was also destroyed.	Route 34 and Trinity Church Roa	ad. Shingle and sidi	ng damage occurr	ed to a home and a chimney was blown
Low pressure developed over the Ohio Valley systems pumped in plenty of moisture acros: thunderstorms. Moderate instability behind the caused enough rotation for a couple off the s	s the region. A warm front con he warm front caused a few th	nbined with the de understorms to pr	ep moisture to pro	oduce showers and
ANNE ARUNDEL COUNTY ANNAPOLIS [38	8.97, -76.50], 1.5 ESE CROWNS	SVILLE [39.02, -76.	58], 0.2 N CROFT(ON [39.00, -76.65], 0.8 ENE
DAVIDSONVILLE [38.92, -76.62]	09/08/11 23:35 EST		0	Flood (due to Heavy Rain)
	09/09/11 04:30 EST		0	Source: State Official
Numerous roadways were closed across Anne nches.				N LOWER MARLBORO [38.66, -76.68],
CALVERT COUNTY 0.7 N LOWER MARLE				
	09/09/11 01:00 FST		0	Flood (due to Heavy Pain)
	09/09/11 01:00 EST 09/09/11 06:00 EST		0	Flood (due to Heavy Rain) Source: State Official
1.1 NNE LOWER MARLBORO [38.66, -76.68]	09/09/11 06:00 EST	form total of 6.84 in	0	• • •
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding.	09/09/11 06:00 EST A nearby spotter measured a st		0 ches.	Source: State Official
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.	09/09/11 06:00 EST A nearby spotter measured a st		0 ches. 2], 1.9 NNE CHAN	Source: State Official JEYVILLE [38.71, -76.64], 1.9 ESE
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARI 09/09/11 01:00 EST		0 ches. 2], 1.9 NNE CHAN 0	Source: State Official EYVILLE [38.71, -76.64], 1.9 ESE Flood (due to Heavy Rain)
CALVERT COUNTY 0.7 N LOWER MARLEY 1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.DUNKIRK [38.71, -76.64]	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARN 09/09/11 01:00 EST 09/09/11 06:00 EST	MONY [38.71, -76.6	0 ches. 2], 1.9 NNE CHAN	Source: State Official JEYVILLE [38.71, -76.64], 1.9 ESE
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.DUNKIRK [38.71, -76.64] Mount Harmony Road was closed near Mount	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARP 09/09/11 01:00 EST 09/09/11 06:00 EST Harmony Elementary School du	MONY [38.71, -76.6	0 ches. 2], 1.9 NNE CHAN 0 0	Source: State Official EYVILLE [38.71, -76.64], 1.9 ESE Flood (due to Heavy Rain) Source: State Official
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.DUNKIRK [38.71, -76.64] Mount Harmony Road was closed near Mount St. MARY'S COUNTY 1.8 SW CHAPTICO [38.5]	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARP 09/09/11 01:00 EST 09/09/11 06:00 EST Harmony Elementary School du 38.35, -76.80], 1.1 NE MADDOX	MONY [38.71, -76.6	0 ches. 2], 1.9 NNE CHAN 0 0 0	Source: State Official SEYVILLE [38.71, -76.64], 1.9 ESE Flood (due to Heavy Rain) Source: State Official S8.34, -76.81], 0.5 W CHAPTICO
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.DUNKIRK [38.71, -76.64] Mount Harmony Road was closed near Mount St. MARY'S COUNTY 1.8 SW CHAPTICO [38.5]	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARI 09/09/11 01:00 EST 09/09/11 06:00 EST Harmony Elementary School du 38.35, -76.80], 1.1 NE MADDOX 09/09/11 01:00 EST	MONY [38.71, -76.6	0 ches. 2], 1.9 NNE CHAN 0 0 0 NNE MADDOX [3	Source: State Official SEYVILLE [38.71, -76.64], 1.9 ESE Flood (due to Heavy Rain) Source: State Official S8.34, -76.81], 0.5 W CHAPTICO Flood (due to Heavy Rain)
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.70] DUNKIRK [38.71, -76.64] Mount Harmony Road was closed near Mount St. MARY'S COUNTY 1.8 SW CHAPTICO [38.66]	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARP 09/09/11 01:00 EST 09/09/11 06:00 EST Harmony Elementary School du 38.35, -76.80], 1.1 NE MADDOX	MONY [38.71, -76.6	0 ches. 2], 1.9 NNE CHAN 0 0 0	Source: State Official SEYVILLE [38.71, -76.64], 1.9 ESE Flood (due to Heavy Rain) Source: State Official S8.34, -76.81], 0.5 W CHAPTICO
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.00 DUNKIRK [38.71, -76.64] Mount Harmony Road was closed near Mount ST. MARY'S COUNTY 1.8 SW CHAPTICO [38.37, -76.79], 0.6 S CHAPTICO [38.36, -76.78]	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARP 09/09/11 01:00 EST 09/09/11 06:00 EST Harmony Elementary School du 38.35, -76.80], 1.1 NE MADDOX 09/09/11 01:00 EST 09/09/11 06:00 EST	MONY [38.71, -76.6	0 ches. 2], 1.9 NNE CHAN 0 0 0 NNE MADDOX [3	Source: State Official SEYVILLE [38.71, -76.64], 1.9 ESE Flood (due to Heavy Rain) Source: State Official S8.34, -76.81], 0.5 W CHAPTICO Flood (due to Heavy Rain)
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.DUNKIRK [38.71, -76.64] Mount Harmony Road was closed near Mount I ST. MARY'S COUNTY 1.8 SW CHAPTICO [38.36, -76.78] Route 238 was closed due to flooding between BALTIMORE COUNTY 0.9 SW CHASE [39.3	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARN 09/09/11 01:00 EST 09/09/11 06:00 EST Harmony Elementary School du 38.35, -76.80], 1.1 NE MADDOX 09/09/11 01:00 EST 09/09/11 06:00 EST Manor Road and Route 234.	MONY [38.71, -76.6 te to flooding.	0 ches. 2], 1.9 NNE CHAN 0 0 0 NNE MADDOX [3 0 0	Source: State Official SEYVILLE [38.71, -76.64], 1.9 ESE Flood (due to Heavy Rain) Source: State Official S8.34, -76.81], 0.5 W CHAPTICO Flood (due to Heavy Rain) Source: State Official
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.DUNKIRK [38.71, -76.64]] Mount Harmony Road was closed near Mount I ST. MARY'S COUNTY 1.8 SW CHAPTICO [38.37, -76.79], 0.6 S CHAPTICO [38.36, -76.78] Route 238 was closed due to flooding between	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARN 09/09/11 01:00 EST 09/09/11 06:00 EST Harmony Elementary School du 38.35, -76.80], 1.1 NE MADDOX 09/09/11 01:00 EST 09/09/11 06:00 EST Manor Road and Route 234.	MONY [38.71, -76.6 te to flooding.	0 ches. 2], 1.9 NNE CHAN 0 0 0 NNE MADDOX [3 0 0	Source: State Official SEYVILLE [38.71, -76.64], 1.9 ESE Flood (due to Heavy Rain) Source: State Official S8.34, -76.81], 0.5 W CHAPTICO Flood (due to Heavy Rain) Source: State Official
1.1 NNE LOWER MARLBORO [38.66, -76.68] Chaneyville Road was closed due to flooding. CALVERT COUNTY 1.3 WSW OWINGS [38.DUNKIRK [38.71, -76.64]	09/09/11 06:00 EST A nearby spotter measured a st 71, -76.62], 1.3 WNW MT HARN 09/09/11 01:00 EST 09/09/11 06:00 EST Harmony Elementary School du 38.35, -76.80], 1.1 NE MADDOX 10 09/09/11 01:00 EST 09/09/11 06:00 EST Manor Road and Route 234. 34, -76.39], 0.5 WSW CHASE [3	MONY [38.71, -76.6 te to flooding.	0 ches. 2], 1.9 NNE CHAN 0 0 0 NNE MADDOX [3 0 0	Source: State Official FEYVILLE [38.71, -76.64], 1.9 ESE Flood (due to Heavy Rain) Source: State Official B8.34, -76.81], 0.5 W CHAPTICO Flood (due to Heavy Rain) Source: State Official

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/11 14:00 EST		0	Flood (due to Heavy Rain)
	09/09/11 19:00 EST		0	Source: Fire Department/Rescue
Numerous roadways were still closed from ea 9.06 inches.	arlier rainfall and streams were out	t of their banks. A	ndrews Air Force E	Base recorded a storm total rainfall of
Ground across Maryland was saturated from	n record-setting rainfall on the 7	th and 8th. Rich	tropical moisture	continued to funnel
northward into the mid-Atlantic and daytime thunderstorms. Where rain wasn't particula flooding resulted. Storm total precipitation	e heating aided in steep enouhg arly heavy, ongoing aeral floodin	lapse rates to pro	oduced additional	showers and avy rain, additional flash
Tooding resulted. Storm total precipitation	III Allile Arunder County was as	mgn as 12.10 mc	iles, as illeasureu	by a trained spotter.
ANNE ARUNDEL COUNTY 0.7 N (BWI)BA	- ·	7]	0	H=:1 (4 00 :=)
	09/11/11 14:11 EST 09/11/11 14:11 EST		0	Hail (1.00 in) Source: ASOS
	09/11/11 14.11 E31		U	Source: ASOS
Quarter sized hail was reported at BWI Airpor	t.			
ANNE ARUNDEL COUNTY 0.7 N (BWI)BA	LTMOR-WSHNGTN [39.1876.6	7]		
,,	09/11/11 14:12 EST	-	0	Hail (1.00 in)
	09/11/11 14:12 EST		0	Source: NWS Employee
Quarter sized hail was reported at the BWI Ai	rport.			
	77.061			
3 1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _	09/11/11 21:04 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/11/11 21:04 EST		0	Source: State Official
Two trees were down near the intersection of	Woodbine Road and Hoods Mill I	Road.		
Two fiees were down near the intersection of	Woodbine Road and Hoods Will I	Nodu.		
Upper-level low pressure triggered showers large hail due to colder air aloft associated		. A few thunderst	orms produced da	amaging wind gusts and
WASHINGTON COUNTY 0.1 SW HIGH FIE	ELD [39.72, -77.48]			
	09/14/11 17:23 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/14/11 17:23 EST		0	Source: State Official
A tree was blown down along Highfield Road	near the town of Highfield.			
WASHINGTON COUNTY 0.4 SE HIGH FIE	LD [39.72, -77.48]			
	09/14/11 17:23 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/14/11 17:23 EST		0	Source: State Official
A tree was blown down along Water Compan	y Road near the town of Highfield			
FREDERICK COUNTY 2.5 ENE SABILLAS	SVILLE [39.71, -77.431			
	09/14/11 17:37 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/14/11 17:37 EST		0	Source: State Official
Trees were down along Sunshine Trail.				
FREDERICK COUNTY 3.4 ENE SABILLAS	SVILLE [39.71 -77 411			
	09/14/11 17:37 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/14/11 17:37 EST		0	Source: State Official
A tree was down along Friends Creek Road.				
FREDERICK COLINTY 2 & ESE EMMITED	URG [39 69 -77 28]			
FREDERICK COUNTY 2.6 ESE EMMITSB	09/14/11 17:44 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/14/11 17:44 EST		0	Source: State Official
			-	
A tree was down along Toms Creek Church F	Road.			

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A cold front passed through the region during the afternoon and evening hours of the 14th. A southwest flow ahead of the front caused a warm and humid air mass which led to moderate amounts of instability. The moderate instability combined with forcing from the front

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
to trigger showers and thunderstorms.	A few thunderstorms produced dama	ging winds and	large hail.	
HARFORD COUNTY 1.2 ESE MADON PARRETTSVILLE [39.61, -76.49], 1.2 WI	- · · -·	A [39.61, -76.50],	1.3 ESE MADONN	IA [39.62, -76.50], 1.2 NW
	09/19/11 19:30 EST		0	Flash Flood (due to Heavy Rain)
	09/19/11 20:00 EST		0	Source: Department of Highways
High water over the road in a few spots a	around Route 23 and Salem Church Roa	ad. An observer	nearby recorded 1.	.12 inches of rain.
Slow moving showers passed across r an isolated flash flood in Harford Coun		·		vere enough to produce
MD-Z009) MONTGOMERY				
	09/23/11 01:35 EST		0	Dense Fog
	09/23/11 06:30 EST		0	
ligh pressure just off the Mid-Atlantic were light enough during the early mo			w-level moisture a	cross the area. Winds
	HONY [39.67, -77.35], 0.4 SSE ST ANTH	HONY [39.68, -77	.35], 0.4 W ST AN1	THONY [39.68, -77.36], 1.0 WSW ST
ANTHONY [39.67, -77.37]	09/23/11 10:22 EST		0	Flash Flood (due to Heavy Rain)
	09/23/11 12:00 EST		0	Source: Department of Highways
A portion of Route 76 is flooded and clos	sed near Route 15 just south of Mount S	aint Mary's Colle	ge. A nearby spot	ter observed 2.00 inches of rain.
REDERICK COUNTY 0.9 NW LOYS	[39.61, -77.36], 0.8 ESE GRACEHAM [3	39.62, -77.37], 1.0	N LOYS [39.61, -7	77.35], 0.8 NNE LOYS [39.61, -77.34] Flash Flood (due to Heavy Rain)
	09/23/11 12:00 EST		0	Source: Department of Highways
Route 77 was flooded and closed near C	Owens Creek. A nearby spotter recorder	d 1.16 inches.		
FREDERICK COUNTY CREAGERST CREAGERSTOWN [39.57, -77.36]	-	ILLE [39.56, -77.	_	-
	09/23/11 10:39 EST		0	Flash Flood (due to Heavy Rain)
	09/23/11 12:00 EST		0	Source: Department of Highways
Route 550 was flooded and closed near	Creagerstown. A nearby spotter observ	ved 1.31 inches.		
REDERICK COUNTY EMMITSBURG		[39.71, -77.32], 1	.2 NE EMMITSBU	RG [39.71, -77.31], 1.3 NE
EMMITSBURG [39.71, -77.31], 0.6 N EM	MITSBURG [39.71, -77.33] 09/23/11 11:15 EST		0	Flash Flood (due to Heavy Rain)
	09/23/11 12:30 EST		0	Source: Department of Highways
Seton Avenue was flooded and closed in		orded 1.10 inches	S.	
FREDERICK COUNTY 0.7 S NEW MII	DWAY [39 5677 30] 0.7 SSE NEW MI	DWAY [39 56 -7	7 301 0 5 SE NEW	MIDWAY [30 5677 20] 0.3 SE NEW
MIDWAY [39.57, -77.30]			_	
	09/23/11 11:27 EST		0	Flash Flood (due to Heavy Rain)
	09/23/11 12:30 EST		0	Source: Department of Highways
Northbound Woodsboro Pike was floode	d and closed near New Midway.			
FREDERICK COUNTY 0.7 SW EMMIT	TSBURG [39.69, -77.34], 0.7 SSE EMMI	TSBURG [39.69,	-77.33], 0.6 ESE E	MMITSBURG [39.70, -77.32], 0.2 NNW
EMMITSBURG [39.70, -77.33]	00/00/44 40 00 FOT		0	Flood (due to Heavy Rain)
EMMITSBURG [39.70, -77.33]	09/23/11 13:00 EST			
EMMITSBURG [39.70, -77.33]	09/23/11 13:00 EST 09/23/11 18:00 EST		0	Source: Department of Highways
EMMITSBURG [39.70, -77.33] Roads remain closed in Emmitsburg due	09/23/11 18:00 EST		0	Source: Department of Highways

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/23/11 14:50 EST		0	Flash Flood (due to Heavy Rain)
	09/23/11 16:30 EST		0	Source: Department of Highways
Route 1 was flooded and closed at Ridgely's	s Choice Drive. A nearby observed	d recorded 4.13 inc	hes.	
BALTIMORE COUNTY 0.5 W GLEN ARM	M [39.45, -76.51], 0.8 WSW GLEN A	ARM [39.44, -76.51], 0.8 NNE NOTCH	CLIFF [39.44, -76.51], 0.2 WSW GLEN
ARM [39.45, -76.50]	09/23/11 14:53 EST		0	Flash Flood (due to Heavy Rain)
	09/23/11 16:30 EST		0	Source: Department of Highways
Route 147 was flooded and closed near Co	wen Run north of Notch Cliff. An o	bserved nearby me	easured a total of 2	2.92 inches.
ANNE ARUNDEL COUNTY GLEN BURN	IIE [39.17, -76.63], 0.2 SW GLEN B	URNIE [39.17, -76	.63], 0.2 W GLEN E	BURNIE [39.17, -76.63], 0.1 NW GLEN
BURNIE [39.17, -76.63]	09/23/11 15:13 EST		0	Flash Flood (due to Heavy Rain)
	09/23/11 16:30 EST		0	Source: Department of Highways
				, ,
Route 176 was closed at Route 648 at Saw	mill Creek due to flash flooding. A	nearby spotter me	asured 3.57 inches	s of rain.
BALTIMORE COUNTY 2.1 NNW FRANK N FRANKLINVILLE [39.48, -76.40]	LINVILLE [39.48, -76.41], 1.4 NNE	KINGSVILLE [39.4	17, -76.41], 1.3 NN\	W FRANKLINVILLE [39.47, -76.41], 2.1
[50,40, 10,40]	09/23/11 15:38 EST		0	Flash Flood (due to Heavy Rain)
	09/23/11 16:30 EST		0	Source: Department of Highways
Diale translant majeture atreamed marthurer				
-	=	-	= =	
rotated around a stationary closed upper Maryland, and flood and flash flooding oc	low pressure over the Great Lake	s. A band of mod	erate to heavy rair	n set up across much of
rotated around a stationary closed upper Maryland, and flood and flash flooding oc Baltimore County.	low pressure over the Great Lake	s. A band of mod	erate to heavy rair	n set up across much of
rotated around a stationary closed upper Maryland, and flood and flash flooding oc Baltimore County.	low pressure over the Great Lake	s. A band of mod	erate to heavy rair	n set up across much of
rotated around a stationary closed upper Maryland, and flood and flash flooding oc Baltimore County.	low pressure over the Great Lake curred across portions of norther	s. A band of mod	erate to heavy rair fall totals reached	n set up across much of as high as 4.48 inches in
rotated around a stationary closed upper Maryland, and flood and flash flooding oc Baltimore County. (MD-Z005) CARROLL	low pressure over the Great Lake curred across portions of norther 09/23/11 23:37 EST 09/24/11 03:01 EST	s. A band of mod n Maryland. Rain	erate to heavy rain fall totals reached 0 0	n set up across much of as high as 4.48 inches in Dense Fog
rotated around a stationary closed upper Maryland, and flood and flash flooding oc Baltimore County. (MD-Z005) CARROLL Light winds combined with an abundant a the late evening hours of the 23rd and it la	low pressure over the Great Lake curred across portions of norther 09/23/11 23:37 EST 09/24/11 03:01 EST amount of low-level moisture to pressed into the morning hours of the PT [38.37, -77.18]	s. A band of mod n Maryland. Rain	erate to heavy rain fall totals reached 0 0	n set up across much of as high as 4.48 inches in Dense Fog se fog occurred during
rotated around a stationary closed upper Maryland, and flood and flash flooding oc Baltimore County. (MD-Z005) CARROLL Light winds combined with an abundant a the late evening hours of the 23rd and it la	10w pressure over the Great Lake curred across portions of norther 09/23/11 23:37 EST 09/24/11 03:01 EST 109/24/11 03:01 EST 109/24/11 15:00 EST 109/27/11 15:00 EST	s. A band of mod n Maryland. Rain	erate to heavy rain fall totals reached 0 0 ense fog. The dense	n set up across much of as high as 4.48 inches in Dense Fog se fog occurred during Thunderstorm Wind (EG 52 kt)
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rotated around a stationary closed upper Maryland, and flood and flash flooding oc Baltimore County. (MD-Z005) CARROLL Light winds combined with an abundant a the late evening hours of the 23rd and it la	09/23/11 23:37 EST 09/24/11 03:01 EST amount of low-level moisture to prested into the morning hours of the PT [38.37, -77.18] 09/27/11 15:00 EST	s. A band of mod n Maryland. Rain	erate to heavy rain fall totals reached 0 0 ense fog. The dens	n set up across much of as high as 4.48 inches in Dense Fog se fog occurred during Thunderstorm Wind (EG 52 kt)
rotated around a stationary closed upper Maryland, and flood and flash flooding oc Baltimore County. (MD-Z005) CARROLL Light winds combined with an abundant a the late evening hours of the 23rd and it lated the CHARLES COUNTY 0.9 E MARYLAND F	09/23/11 23:37 EST 09/24/11 03:01 EST mount of low-level moisture to presented into the morning hours of the PT [38.37, -77.18] 09/27/11 15:00 EST 09/27/11 15:00 EST 09/27/11 15:00 EST	s. A band of mod n Maryland. Rain	erate to heavy rain fall totals reached 0 0 ense fog. The dens	Dense Fog See fog occurred during Thunderstorm Wind (EG 52 kt) Source: Public
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(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/29/11 02:03 EST		0	Dense Fog
	09/29/11 07:00 EST		0	
ligh pressure just off to the east produced a noisture to move overhead. Light winds alor lours of the 29th.	•			
/IRGINIA, North				
CULPEPER COUNTY 2.1 SSE REVA [38.47	, -78.12], 2.2 SSE REVA [38.47,	-78.12], 2.3 SSE F	REVA [38.47, -78.12	2], 2.0 S REVA [38.47, -78.12]
	09/05/11 22:00 EST		0	Flash Flood (due to Heavy Rain)
	09/05/11 23:30 EST		0	Source: State Official
Reva Road closed due to flash flooding. A nea	rby rain gauge tallied 2.66 inche	es.		
IELSON COUNTY LOVINGSTON [37.77, -7	8.88], 2.3 NNW ELMA [37.78, -7	8.81], 1.2 W ELM	A [37.75, -78.82], 0.	9 S LOVINGSTON [37.76, -78.88]
	09/05/11 22:40 EST		0	Flash Flood (due to Heavy Rain)
	09/06/11 03:00 EST		0	Source: State Official
Numerous roads closed due to high water in Lo	ovingston and the southern half o	of Nelson County.	A rain gauge in the	e area totalled 6.32 inches.
GREENE COUNTY 4.1 ESE KINDERHOOK	[38.35, -78.36], 4.6 NE QUINQU	E [38.29, -78.34], 1	1.3 NNW QUINQUE	[38.27, -78.41], 1.0 SSE GEER [38.29,
78.49]	09/05/11 23:50 EST		0	Flash Flood (due to Heavy Rain)
	09/06/11 01:00 EST		0	Source: State Official
Numerous low-lying roads and bridges were flo	oded countywide. A rain gage i	n Standardsville m	easured 1.51 inche	es.
ALBEMARLE COUNTY 0.7 S SHADWELL [38.01, -78.40], 1.3 SSE SHADW	ELL [38.00, -78.39], 1.4 S SHADWEL	L [38.00, -78.40], 1.1 SSW SHADWELL
38.00, -78.41]	09/06/11 00:00 EST		0	Flash Flood (due to Heavy Rain)
	09/06/11 01:30 EST		0	Source: Department of Highways
Milton Road was closed due to flash flooding.	The highest measured rainfall ar	mount near the eve	ent was 5.50 inches	
CULPEPER COUNTY 2.1 NW RAPIDAN [38	.34, -78.10], 2.6 NW RAPIDAN [38.35, -78.11], 1.9	NW RAPIDAN [38.	.34, -78.09], 1.8 NW RAPIDAN [38.34,
78.09]	00/00/44 00 00 507		•	5 5
	09/06/11 00:00 EST		0	Flash Flood (due to Heavy Rain)
Route 721 was closed along the Robinson Rive	09/06/11 01:30 EST er due to flash flooding. A nearb	v rain gauge tallie	-	Source: Department of Highways
				WHILE 120 4C - 77 001 4 2 NW
DRANGE COUNTY 1.3 WNW THORNHILL THORNHILL [38.16, -78.00]	38.16, -78.00], 1.0 WNW THORE	NHILL [38.16, -78.0	JUJ, 1.0 NW THORE	NHILL [38.76, -77.99], 1.3 NW
• •	09/06/11 00:00 EST		0	Flash Flood (due to Heavy Rain)
	09/06/11 01:30 EST		0	Source: Department of Highways
Marquis Road was closed due to flash flooding				
DRANGE COUNTY 1.3 WSW ORANGE [38. 78.14]	24, -78.14], 1.5 SW ORANGE [3	8.23, -78.14], 1.7 \$	SW ORANGE [38.23	3, -78.14], 1.4 WSW ORANGE [38.24,
,	09/06/11 00:00 EST		0	Flash Flood (due to Heavy Rain)
	09/06/11 01:30 EST		0	Source: Department of Highways
Greenwood Road was closed due to flash flood	ling. A total of 2.72 inches of rai	n was measured f	rom a gauge in Bar	rboursville.
DRANGE COUNTY 1.5 SSE MADISON RUN	I [38.18, -78.12], 0.6 SSW MADI:	SON RUN [38.19,	-78.14], 0.4 SW MA	DISON RUN [38.20, -78.13], 1.5 SE
MADISON RUN [38.18, -78.11]	00/06/44 00:00 FOT		0	Flood Flood (due to Harris Dair)
	09/06/11 00:00 EST		0	Flash Flood (due to Heavy Rain)
	09/06/11 01:30 EST		0	Source: Department of Highways

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Route 639 was closed due to flash floodir	ng on Madison Run.			
DRANGE COUNTY 1.8 ENE THORNH 38.15, -77.96]	ILL [38.16, -77.95], 1.9 SSW DANTO	N [38.16, -77.94], 1	1.2 E THORNHILL	[38.15, -77.96], 1.0 ENE THORNHILL
	09/06/11 00:00 EST		0	Flash Flood (due to Heavy Rain)
	09/06/11 01:30 EST		0	Source: Department of Highways
Route 651 was closed due to flash flooding	ng along the North Anna River.			
DRANGE COUNTY 2.3 WSW PIERCE	S SHOP [38.22, -78.09], 2.3 ENE MA	DISON RUN [38.21	1, -78.09], 1.9 ENE	MADISON RUN [38.21, -78.10], 1.9 ENE
MADIOCK ROW [50.21, -70.10]	09/06/11 00:00 EST		0	Flash Flood (due to Heavy Rain)
	09/06/11 01:30 EST		0	Source: Department of Highways
Route 637 closed due to flash flooding on	Tomahawk Creek. A nearby rain ga	auge measured 2.3	36 inches.	
FAUQUIER COUNTY 0.5 E BEALETO	N [38.57, -77.76], 0.5 ENE BEALETO	N [38.57, -77.76],	0.3 ENE BEALETO	ON [38.57, -77.77], 0.5 E BEALETON
[38.57, -77.76]	09/06/11 00:30 EST		0	Flood (due to Heavy Rain)
	09/06/11 05:00 EST		0	Source: Department of Highways
Standing water forced the closure of Rout	e 656 at the Route 17 overpass. Ra	infall amounts of 3	.75 were measured	d nearby.
STAFFORD COUNTY 0.9 NW FERRY	FARMS [38.33, -77.44], 0.8 WNW FE	RRY FARMS [38.3	33, -77.44], 1.1 ENE	E FALMOUTH [38.33, -77.45], 1.3 ENE
FALMOUTH [38.33, -77.45]	09/06/11 00:30 EST		0	Flash Flood (due to Heavy Rain)
	09/06/11 01:30 EST		0	Source: Department of Highways
Harrell Road was closed at Deacon Road	due to flash flooding. A nearby rain	gauge measured 2	2.10 inches.	
ORANGE COUNTY 0.9 SW EVERONA -77.98]	[38.29, -77.98], 0.7 SW EVERONA [38.29, -77.98], 0.9	WSW EVERONA [38.29, -77.98], 1.0 SW EVERONA [38.29,
	09/06/11 04:00 EST		0	Flood (due to Heavy Rain)
	09/06/11 08:00 EST		0	Source: Department of Highways
Hawfield Road was closed due to flooding	j .			
ALBEMARLE COUNTY 0.9 NW STON 38.13, -78.39]	Y PT [38.13, -78.39], 1.2 WNW GILBI	ERT [38.14, -78.39], 1.4 NW STONY F	PT [38.14, -78.39], 1.1 NW STONY PT
[50:10, 70:00]	09/06/11 04:30 EST		0	Flood (due to Heavy Rain)
	09/06/11 09:30 EST		0	Source: Department of Highways
County Road 600 was closed at Preddy C	Creek due to flooding. A nearby rain	gauge tallied 4.63	inches before the e	event.
CULPEPER COUNTY 2.1 SW WHITE S	SHOP [38.41, -78.10], 2.4 SW WHITE	SHOP [38.41, -78	.10], 2.5 SW WHIT	E SHOP [38.41, -78.11], 2.2 SW WHITE
SHOP [38.41, -78.10]	09/06/11 07:30 EST		0	Flood (due to Heavy Rain)
	09/06/11 12:30 EST		0	Source: Department of Highways
Route 657 was closed due to flooding. A	nearby rain gauge reported 1.68 incl	hes.		
MADISON COUNTY 1.3 ENE OAKPAR	RK [38.38, -78.15], 1.4 NE OAKPARK	X [38.38, -78.15], 1.	6 ENE OAKPARK	[38.38, -78.14], 1.4 ENE OAKPARK
[38.38, -78.15]	09/06/11 07:30 EST		0	Flood (due to Heavy Rain)
	09/06/11 12:30 EST		0	Source: Department of Highways
Route 618 was closed due to flooding. A		hes.		
ORANGE COUNTY 0.9 SE BURR HILL	_ [38.34, -77.86], 0.7 SE BURR HILL	[38.34, -77.86], 1.0	ESE BURR HILL	[38.34, -77.85], 1.1 SE BURR HILL [38.34,
-77.85]		- -		
	09/06/11 07:30 EST		0	Flood (due to Heavy Rain)
	09/06/11 12:30 EST		0	Source: Department of Highways

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Route 611 was closed due to flooding.				
ALBEMARLE COUNTY 2.1 SE KEENE	E [37.85, -78.54], 2.4 SE KEENE [37.8	84, -78.54], 2.4 ESE	KEENE [37.85, -7	78.53], 2.1 ESE KEENE [37.86, -78.53]
	09/06/11 16:00 EST		0	Flood (due to Heavy Rain)
	09/06/11 21:00 EST		0	Source: Department of Highways
Glendower Road was closed at Miller Cre	eek due to flooding.			
ALBEMARLE COUNTY 3.1 ESE KEEN	NE [37.85, -78.52], 2.4 N SCOTTSVILI	LE [37.83, -78.50],	2.8 N SCOTTSVIL	LE [37.84, -78.50], 3.1 ESE KEENE
[37.85, -78.52]	09/06/11 16:00 EST		0	Flood (due to Llegar Pain)
	09/06/11 16:00 EST		0	Flood (due to Heavy Rain) Source: Department of Highways
Route 712 was closed between Routes 7			v	Course. Department of Fighways
ALBEMARLE COUNTY 3.5 NE SCOTT		TTSVILLE [37.82,	-78.47], 2.3 NE SC	OTTSVILLE [37.82, -78.47], 3.0 NE
SCOTTSVILLE [37.83, -78.46], 3.5 NE SC	09/06/11 16:00 EST		0	Flood (due to Heavy Rain)
	09/06/11 21:00 EST		0	Source: Department of Highways
Albevanna Spring Road was closed due t	to flooding. A nearby spotter reported	d 2.05 inches of rai	n.	
CHARLOTTESVILLE (C) COUNTY 6.7 CHARLOTTESVILLE [38.06, -78.54], 3.0			RLOTTESVILLE [37.99, -78.52], 2.7 NW
STARLOTTESVILLE [30:30, -70:34], 3:0	09/06/11 17:00 EST	0.40]	0	Flood (due to Heavy Rain)
	09/06/11 22:00 EST		0	Source: Fire Department/Rescue
.80 inches of rain. Deep tropical moisture associated with	the remnants of Tropical Depressio	on Lee interacted v	vith a slow-moving	g cold front to produce
2.80 inches of rain. Deep tropical moisture associated with widespread showers across the area. Hendes a few locations. Rainfall totals were a	the remnants of Tropical Depressio igh rainfall amounts associated witl high as 8.90 inches in Nelson Cour	on Lee interacted v	vith a slow-moving	g cold front to produce
2.80 inches of rain. Deep tropical moisture associated with widespread showers across the area. H n a few locations. Rainfall totals were a	the remnants of Tropical Depressio igh rainfall amounts associated with high as 8.90 inches in Nelson Cour WENS [38.34, -77.08]	on Lee interacted v	vith a slow-moving	g cold front to produce oding and flash flooding
2.80 inches of rain. Deep tropical moisture associated with widespread showers across the area. H n a few locations. Rainfall totals were a KING GEORGE COUNTY 0.7 NNW OV	the remnants of Tropical Depressio igh rainfall amounts associated with high as 8.90 inches in Nelson Cour NENS [38.34, -77.08] 09/07/11 19:55 EST 09/07/11 19:55 EST	on Lee interacted v	vith a slow-moving ivity prompted floo	g cold front to produce oding and flash flooding Thunderstorm Wind (EG 52 kt)
Heavy rain and subsequent flooding cause 2.80 inches of rain. Deep tropical moisture associated with widespread showers across the area. Heavy locations. Rainfall totals were a KING GEORGE COUNTY 0.7 NNW OVA tree that was sixty to seventy inches tall Low pressure developed over the Ohio systems pumped in plenty of moisture at thunderstorms. Moderate instability below.	the remnants of Tropical Depression igh rainfall amounts associated with high as 8.90 inches in Nelson Court NENS [38.34, -77.08] 09/07/11 19:55 EST 09/07/11 19:55 EST Il was blocking Dahlgren Road. Valley while high pressure remained across the region. A warm front contained the warm front caused an isola	on Lee interacted v h some of this act nty. d off the East Coa nbined with the de ted thunderstorm	vith a slow-moving ivity prompted flow the street of the s	g cold front to produce oding and flash flooding Thunderstorm Wind (EG 52 kt) Source: Trained Spotter w between these two oduce showers and ging winds.
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Route 110 and Interstate 66 Exit Ramp closed at their intersection due to high water. A trained spotter in Artington recorded 9.90 inches of FAIRFAX COUNTY — CULMORE [38.87, -77.17], 0.4 SW CULMORE [38.87, -77.17], 0.0 SSW RAVENWOOD [38.87, -77.18], 0.2 WNW CULMORE [38.87, -77.17], 0.9 SSW RAVENWOOD [38.87, -77.18], 0.2 WNW CULMORE [38.87, -77.17], 0.9 SSW RAVENWOOD [38.87, -77.18], 0.2 WNW CULMORE [38.97, -77.20], 0.2 WN LEWINSVILLE [38.97, -77.20], 0.7 WSW LEWINSVILLE [38.97, -77.20], 0.7 WSW LEWINSVILLE [38.97, -77.21], 0.7 SI LEWINSVILLE [38.97, -77.20], 0.7 WSW LEWINSVILLE [38.97, -77.21], 0.7 SI LEWINSVILLE [38.97, -77.21], 0.9 SI LEWINSVILLE [38.97, -77.21], 0.9 SI LEWINSVILLE [38.97, -77.21], 0.7 SI LEWINSVILLE [38.97, -77.21], 0.8 SEP PENDER [38.67, -77.36], 0.8 SEP PENDER [38.67, -77.36], 0.8 SEP PENDER [38.67, -77.36], 0.8 SEP PENDER [38.86, -77.36], 0.8 SEP	tails
12-71-717	rainfall.
O9/08/11 12:16 EST	
A high water rescue was performed at Route 50 and Annandale Road. A nearby spotter observed 6.00 inches of rain. FAIRFAX COUNTY LEWINSVILLE [38.93, -77.20], 0.2 NW LEWINSVILLE [38.93, -77.20], 0.7 WSW LEWINSVILLE [38.93, -77.21], 0.7 SV LEWINSVILLE [38.92, -77.21] 09/08/11 12:20 EST 0 Flash Flood (due to 09/08/11 12:20 EST 0 Source: Trained Sp Swift water rescue at Route 123 at the Dulles Toll Road. A storm total rainfall amount near this event was 11.45 inches. FAIRFAX COUNTY 0.5 E PENDER [38.87, -77.36], 0.8 ESE PENDER [38.87, -77.36], 0.6 ESE PENDER [38.86, -77.36], 0.6 ESE PENDER [38.87, -77.36], 0.6 ESE PENDER [38.88, -77.36], 0.6 ESE PENDER [38.87, -77.36], 0.6 ESE PENDER [38.88, -77.36], 0.6 ESE PENDER [38.87, -77.36], 0.6 ESE PENDER [38.88, -77.37], 1.8 SOUTCH [38.86, -77.31], 1.3 SOUTCH [38.86, -77.31], 1.3 SOUTCH [38.86, -77.31], 1.3 SOUTCH [38.87, -77.36], 0.6 ESE PENDER [38.87, -77.37], 0.7 SOUTCH [38.87, -77.31], 1.8 SOUTCH [38.87, -77.31], 1.5 SOU	Heavy Rain)
FAIRFAX COUNTY LEWINSVILLE [38.93, -77.20], 0.2 NW LEWINSVILLE [38.93, -77.20], 0.7 WSW LEWINSVILLE [38.93, -77.21], 0.7 SI LEWINSVILLE [38.92, -77.21] 09/08/11 15:00 EST 0 Flash Flood (due to 09/08/11 15:00 EST 0 Source: Trained Sp Swift water rescue at Route 123 at the Dulles Toll Road. A storm total rainfall amount near this event was 11.45 inches. FAIRFAX COUNTY 0.5 E PENDER [38.87, -77.36], 0.8 ESE PENDER [38.87, -77.36], 0.8 ESE PENDER [38.86, -77.36], 0.8 ESE PENDER [38.86, -77.36], 0.8 ESE PENDER [38.87, -77.36], 0.8 ESE PENDER [38.86, -77.36], 0.8 ESE PENDER [38.87, -77.36], 0.8 ESE PENDER [38.86, -77.37], 1.3 ESW OAKTON [38.86, -77.31], 0.9 ENDER [38.91, -77.32], 1.6 ENDER [38.91, -77.32], 1.5 ENDER [38.91, -77.31], 1.6 ENDER [38.91, -77.31], 1.5 ENDER [38.91, -77.31], 1.5 ENDER [38.91, -77.31], 1.5 ENDER [38.91, -77.31], 0.9 ENDER [38.91, -77.31], 0.9 ENDER [38.91, -77.31], 0.9 ENDER [38.91, -77.31], 0.9 E	otter
12:20 EST 0 Flash Flood (due to 09/08/11 12:20 EST 0 Flash Flood (due to 09/08/11 15:00 EST 0 Source: Trained Spin Swift water rescue at Route 123 at the Dulles Toll Road. A storm total rainfall amount near this event was 11.45 inches. FAIRFAX COUNTY 0.5 E PENDER [38.87, -77.36], 0.8 ESE PENDER [38.87, -77.36], 0.8 ESE PENDER [38.86, -77.36], 0.6 ESE PENDER 09/08/11 13:45 EST 0 Flash Flood (due to 09/08/11 16:00 EST 0 Source: Trained Spin The retention pond at Fair Oaks Mall overtopped its banks and flooded Route 50. A spotter near this location recorded 10.18 inches. FAIRFAX COUNTY 1.5 SSW OAKTON [38.86, -77.31], 1.4 SSW OAKTON [38.86, -77.31], 1.3 SSW OAKTON [38.86, -77.31], 0.9 WNW CLARKS CROSSING [38.93, -77.32] O9/08/11 17:00 EST	
09/08/11 12:20 EST 0 Flash Flood (due to 09/08/11 15:00 EST 0 Source: Trained Spi Swift water rescue at Route 123 at the Dulles Toll Road. A storm total rainfall amount near this event was 11.45 inches. FAIRFAX COUNTY 0.5 E PENDER [38.87, -77.36], 0.8 ESE PENDER [38.87, -77.36], 0.8 ESE PENDER [38.86, -77.36], 0.6 ESE PENDER 09/08/11 13.45 EST 0 Flash Flood (due to 09/08/11 16:00 EST 0 Source: Trained Spi The retention pond at Fair Oaks Mall overtopped its banks and flooded Route 50. A spotter near this location recorded 10.18 inches. FAIRFAX COUNTY 1.5 SSW OAKTON [38.86, -77.31], 1.4 SSW OAKTON [38.86, -77.31], 1.3 SSW OAKTON [38.86, -77.31], 0.9 WORD CLARKS CROSSING [38.92, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.93, -77.32] O9/08/11 17:00 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spi A swift water boat rescue was performed at Hunter Mill Road and Lawyers Road as a result of flash flooding. A nearby spotter measured 5. FairFAX COUNTY 2.8 S OAKTON [38.84, -77.31], 2.6 S OAKTON [38.84, -77.31], 1.8 S OAKTON [38.85, -77.30], 2.0 S OAKTON [38.86, -77.31] O9/08/11 17:00 EST 0 Source: Trained Spi University Drive near George Mason University was closed due to flash flooding. FAIRFAX COUNTY 1.5 SSW OAKTON [38.86, -77.31], 1.7 SSW OAKTON [38.86, -77.31], 1.6 S OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31], 1.6 S OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31], 1.6 S OAKTON [38.86, -77.31], 1.7 SSW OAKTON [38.86, -77.31], 1.8 SOAKTON [38.86, -77.31], 1.9 SW CROWELLS CORNER [38.95, -77.31], 0.9 WSW CROWELLS C	N
Swift water rescue at Route 123 at the Dulles Toll Road. A storm total rainfall amount near this event was 11.45 inches. FAIRFAX COUNTY 0.5 E PENDER [38.87, -77.36], 0.6 ESE PENDER [38.87, -77.36], 0.6 ESE PENDER [09/08/11 13:45 EST 0 Flash Flood (due to 09/08/11 16:00 EST 0 Source: Trained Spr. The retention pond at Fair Oaks Mall overtopped its banks and flooded Route 50. A spotter near this location recorded 10.18 inches. FAIRFAX COUNTY 1.5 SSW OAKTON [38.86, -77.31], 1.4 SSW OAKTON [38.86, -77.31], 1.3 SSW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.92, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.92, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.93, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.93, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.31], 1.4 SSW OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31], 1.6 S OAKTON [38.86, -77.31], 1.7 SSW OAKTON [38.86, -77.31], 1.8 S OAKTON [38.86, -77.31], 1.8 S OAKTON [38.86, -77.31], 1.8 S OAKTON [38.86, -77.31],	Heavy Rain)
AIRFAX COUNTY 0.5 E PENDER [38.87, -77.36], 0.8 ESE PENDER [38.87, -77.36], 0.8 ESE PENDER [38.86, -77.36], 0.6 ESE PENDER [38.86, -77.36], 0.7 EVALUATION [38.86, -77.31], 1.3 SW OAKTON [38.86, -77.30], 0.1 WNW CLARKS CROSSING [38.92, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.92, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.93, -77.32] 09/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 17.00 EST 0 Source: Trained Spr O9/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 13:50 EST 0 Source: Trained Spr O9/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 13:50 EST 0 Source: Trained Spr O9/08/11 13:50 EST 0 Source: Trained	otter
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The retention pond at Fair Oaks Mall overtopped its banks and flooded Route 50. A spotter near this location recorded 10.18 inches. FAIRFAX COUNTY 1.5 SSW OAKTON [38.86, -77.31], 1.4 SSW OAKTON [38.86, -77.31], 1.3 SSW OAKTON [38.89, -77.30], 0.9 Flash Flood (due to flooding. FAIRFAX COUNTY 0.5 W CLARKS CROSSING [38.92, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.93, -77.32] 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spi O9/08/11 17:00 EST 0 Flash Flood (due to 09/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spi O9/08/11 17:00 EST 0 Source: Trained Spi O9/08/11 17:00 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Flash Flood (due to 109/08/11 17:00 EST	•
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O9/08/11 13:45 EST	
09/08/11 13:45 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spr. Route 123 near Assembly Drive was closed due to flash flooding. FAIRFAX COUNTY 0.5 W CLARKS CROSSING [38.92, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.92, -77.30], 0.9 WNW CLARKS CROSSING [38.93, -77.32] 09/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spr. A swift water boat rescue was performed at Hunter Mill Road and Lawyers Road as a result of flash flooding. A nearby spotter measured 5. rain. FAIRFAX COUNTY 2.8 S OAKTON [38.84, -77.31], 2.6 S OAKTON [38.84, -77.31], 1.8 S OAKTON [38.85, -77.30], 2.0 S OAKTON [38.85, -77.31], 1.7 O EST 0 Source: Trained Spr. University Drive near George Mason University was closed due to flash flooding. FAIRFAX COUNTY 1.5 SSW OAKTON [38.86, -77.31], 1.7 SSW OAKTON [38.86, -77.31], 1.6 S OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31], 0.9 OBM [38.86, -77.31], 0.9 OBM [38.86, -77.31], 0.9 OBM [38.86, -77.31], 0.7 SW CROWELLS CORNER [38.94, -77.31], 0.9 WSW CROWELLS CORNER [38.95, -77.31], 0.7 SW CROWELLS CORNER [38.94, -77.31], 0.9 WSW CROWELLS CORNER [38.95, -77.31], 0.9 OBM [38.95, -77.31], 0.	AKTON [38.86,
Route 123 near Assembly Drive was closed due to flash flooding. FAIRFAX COUNTY 0.5 W CLARKS CROSSING [38.92, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.93, -77.32] 09/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spr 10 Source: Trained Spr 11 Source: Trained Spr 11 Source: Trained Spr 12 Source: Trained Spr 13 Source: Trained Spr 14 Source: Trained Spr 15 Source: Trained Spr 16 Source: Trained Spr 16 Source: Trained Spr 17 Source: Trained Spr 18 Source: Trained Spr 19 Source: T	Heavy Rain)
FAIRFAX COUNTY 0.5 W CLARKS CROSSING [38.92, -77.31], 0.3 SW CLARKS CROSSING [38.92, -77.30], 0.1 WNW CLARKS CROSSING [38.93, -77.32] 09/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spr. A swift water boat rescue was performed at Hunter Mill Road and Lawyers Road as a result of flash flooding. A nearby spotter measured 5. 10. FAIRFAX COUNTY 2.8 S OAKTON [38.84, -77.31], 2.6 S OAKTON [38.84, -77.31], 1.8 S OAKTON [38.85, -77.30], 2.0 S OAKTON [38.86, -77.31], 1.7 S SW OAKTON [38.86, -77.31], 1.8 S OAKTON [38.86, -77.30], 2.0 S OAKTON [38.86, -77.31], 2.0 S OAK	otter
A swift water boat rescue was performed at Hunter Mill Road and Lawyers Road as a result of flash flooding. A nearby spotter measured 5. rain. FAIRFAX COUNTY 2.8 S OAKTON [38.84, -77.31], 2.6 S OAKTON [38.84, -77.31], 1.8 S OAKTON [38.85, -77.30], 2.0 S OAKTON [38.85 O9/08/11 13:50 EST O Flash Flood (due to 09/08/11 17:00 EST O Source: Trained Spounce: Tra	- · ·
FAIRFAX COUNTY 2.8 S OAKTON [38.84, -77.31], 2.6 S OAKTON [38.84, -77.31], 1.8 S OAKTON [38.85, -77.30], 2.0 S OAKTON [38.85 O9/08/11 13:50 EST	otter
09/08/11 13:50 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spource: Trai	39 inches of
09/08/11 17:00 EST 0 Source: Trained Spource: Trained Spo	, -77.31]
University Drive near George Mason University was closed due to flash flooding. FAIRFAX COUNTY 1.5 SSW OAKTON [38.86, -77.31], 1.7 SSW OAKTON [38.86, -77.31], 1.6 S OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31], 1.6 S OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31]	Heavy Rain)
FAIRFAX COUNTY 1.5 SSW OAKTON [38.86, -77.31], 1.7 SSW OAKTON [38.86, -77.31], 1.6 S OAKTON [38.86, -77.31], 1.5 SSW OAKTO	otter
O9/08/11 14:10 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spothing water rescued being performed on stranded vehicles at the intersection of Routes 123 and 50. A nearby spotter recorded 7.59 inches of FAIRFAX COUNTY 0.5 W CROWELLS CORNER [38.95, -77.31], 0.7 SW CROWELLS CORNER [38.94, -77.31], 0.9 WSW CROWELLS CORNER [38.95, -77.31] 09/08/11 14:20 EST 0 Flash Flood (due to	
09/08/11 14:10 EST 0 Flash Flood (due to 09/08/11 17:00 EST 0 Source: Trained Spotting water rescued being performed on stranded vehicles at the intersection of Routes 123 and 50. A nearby spotter recorded 7.59 inches of FAIRFAX COUNTY 0.5 W CROWELLS CORNER [38.95, -77.31], 0.7 SW CROWELLS CORNER [38.94, -77.31], 0.9 WSW CROWELLS CORNER [38.95, -77.31] 09/08/11 14:20 EST 0 Flash Flood (due to	ON [38.86,
09/08/11 17:00 EST 0 Source: Trained Sports of Routes 123 and 50. A nearby spotter recorded 7.59 inches of FAIRFAX COUNTY 0.5 W CROWELLS CORNER [38.95, -77.31], 0.7 SW CROWELLS CORNER [38.94, -77.31], 0.9 WSW CROWELLS CORNER [38.95, -77.31] 09/08/11 14:20 EST 0 Flash Flood (due to	Heavy Rain)
FAIRFAX COUNTY 0.5 W CROWELLS CORNER [38.95, -77.31], 0.7 SW CROWELLS CORNER [38.94, -77.31], 0.9 WSW CROWELLS CORNER [38.95, -77.31], 0.8 W CROWELLS CORNER [38.95, -77.31] 09/08/11 14:20 EST 0 Flash Flood (due to	• •
-77.31], 0.8 W CROWELLS CORNER [38.95, -77.31] 09/08/11 14:20 EST 0 Flash Flood (due to	
09/08/11 14:20 EST 0 Flash Flood (due to	ORNER [38.94,
·	Heavy Dair
DUDS/11 1/10 EST DE COMO TRAIN DE L'AUTON DE	•
09/08/11 17:00 EST 0 Source: Trained Spo	Julei
Hunter Mill Road underpass beneath the Dulles Toll Road was closed due to flash flooding. A nearby spotter recorded 6.84 inches of rain d	uring the event.
FAIRFAX COUNTY 1.3 ENE SUNSET HILLS [38.96, -77.33], 1.1 ENE SUNSET HILLS [38.96, -77.33], 0.8 ENE SUNSET HILLS [38.95, -7 SUNSET HILLS [38.96, -77.34]	7.34], 1.2 NE
09/08/11 14:35 EST 0 Flash Flood (due to	Heavy Rain)
09/08/11 17:00 EST 0 Source: Trained Spo	otter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wiehle Avenue was closed at North Shore	Drive due to flash flooding.			
FAIRFAX COUNTY 0.9 NE RESTON [38 77.28]	.98, -77.29], 1.0 NNE RESTON [38.	98, -77.29], 1.0 WN	IW ELKINS [38.98,	-77.29], 0.8 WNW ELKINS [38.98,
•	09/08/11 14:40 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 17:00 EST		0	Source: Trained Spotter
A swift water rescue was performed near th	ne intersection of Walker Road and	Windswept Drive d	ue to flash flooding	j .
FAIRFAX COUNTY 0.9 SE VALE [38.87,	, -77.34], 1.1 SE VALE [38.87, -77.3 09/08/11 14:40 EST	3], 0.9 ESE VALE	[38.88, -77.34], 0.6	ESE VALE [38.88, -77.34] Flash Flood (due to Heavy Rain)
	09/08/11 17:00 EST		0	Source: Trained Spotter
Waples Mill Road was closed at Oakton Ro				
FAIRFAX (C) COUNTY FAIRFAX [38.85,	, -77.30], 0.8 NNW FAIRFAX [38.86	, -77.31], 1.1 SE O	AKTON [38.87, -77	7.29], 1.6 SE OAKTON [38.87, -77.28],
1.9 ENE FAIRFAX [38.86, -77.27], 1.7 ENE			0	Flock Flood (due to Hoovy Doir)
	09/08/11 15:05 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 17:00 EST		0	Source: Trained Spotter
Flash flooding of Accotink Creek forced the Road was closed at Old Pickett Road and C	• •	•	Rebel Run, Eaton	Place, and Draper Drive. Also, Pickett
FAIRFAX COUNTY 2.0 SSW OAKTON [: -77.32]	38.85, -77.32], 1.8 SSW OAKTON [38.86, -77.31], 1.9	SSW OAKTON [38	3.85, -77.31], 2.0 SSW OAKTON [38.85,
	09/08/11 15:05 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 17:00 EST		0	Source: Trained Spotter
Route 50 closed at Oak Street due to flash	flooding.			
FAIRFAX COUNTY 2.1 S OAKTON [38.8 -77.31]	35, -77.30], 1.9 S OAKTON [38.85, -	77.30], 2.0 SSW O	AKTON [38.85, -77	7.31], 2.1 SSW OAKTON [38.85,
77.51]	09/08/11 15:10 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 17:00 EST		0	Source: Trained Spotter
Intersection of University and Kenmore Driv	ves closed due to flash flooding.			
FAIRFAX COUNTY 1.8 SE CHANTILLY	[38.88, -77.41], 1.9 SE CHANTILLY	[38.88, -77.41], 1.8	8 SE CHANTILLY	[38.88, -77.40], 1.5 SE CHANTILLY
[38.89, -77.41]				
	09/08/11 15:20 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 17:00 EST		0	Source: Trained Spotter
Intersection of Stringfellow Road and Route	e 50 was closed due to flash flooding	g.		
FAIRFAX (C) COUNTY 4.2 N FAIRFAX [=	
	09/08/11 17:00 EST	1	0	Flash Flood (due to Heavy Rain)
Flack flackling on Picture Pour I. C.	09/08/11 18:00 EST		0	Source: Trained Spotter
Flash flooding on Piney Branch Creek near	ıvıarcııπ Court swept away and dro	wned a 12 year old	тае.	
Direct Fatalities: M12OU				
FAIRFAX COUNTY 1.7 NNW GREAT FA GREAT FALLS [39.02, -77.28]	ALLS [39.02, -77.28], 1.8 NNW GRE	AT FALLS [39.02,	-77.28], 1.8 NNW (GREAT FALLS [39.02, -77.28], 1.8 NNW
C. C. France [Solon, Frinze]	09/08/11 17:00 EST	1	0	Flash Flood (due to Heavy Rain)
	09/08/11 18:30 EST		0	Source: Trained Spotter
Flash flooding on Charles Branch submerge	ed vehicle on Beach Mill Road near	Club View Drive.	One person was s	wept away and drowned.

FAIRFAX COUNTY --- 0.4 NW FT BELVOIR [38.70, -77.16], 0.2 NE AECOTINK [38.70, -77.17], 0.6 SSW DAVISON AAF [38.71, -77.17], 0.2 SE POHICK

ESTATES [38.72, -77.20], 0.4 SW NEWINGTON [38.73, -77.19], 0.3 SE DAVISON AAF [38.72, -77.17]

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/08/11 17:10 EST 09/08/11 19:00 EST	1	0 0	Flash Flood (due to Heavy Rain) Source: Trained Spotter
ash flooding of Accotink Creek stranded ca	rs on Route 1, Fairfax County Par	rkway, and Telegra	ph Road. On Acco	otink Creek Bridge on Telegraph Road,
irect Fatalities: M25VE				
AIRFAX COUNTY 0.7 S LINCOLNIA [38.	.81, -77.15], 0.8 WNW FRANCONI	IA [38.80, -77.14], ().9 W FRANCONIA	[38.80, -77.15], 0.8 S LINCOLNIA
38.81, -77.15]	00/00/44 47 00 FOT			Floris Florid (due to University Police)
	09/08/11 17:30 EST 09/08/11 19:00 EST		0	Flash Flood (due to Heavy Rain) Source: Trained Spotter
Flash Flooding on Turkey Cock Run closed E		. A nearby spotter		·
KING GEORGE COUNTY DAHLGREN [38	3.33, -77.05], 2.7 NE HOOES [38.3	38, -77.04], 1.7 NW	BERTHAVILLE [38	3.35, -77.14], 0.4 E ALLNUT [38.30,
-77.09]		2,	_	,
	09/08/11 18:00 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 21:00 EST		0	Source: State Official
Numerous roadways were closed throughout	the county, with the most concen	trated and significa	ant flash flooding o	ocurring around Dahlgren.
FALLS CHURCH (C) COUNTY 0.8 NW FA	= ' - ' - ' - '	NW FALLS CHUF	RCH [38.89, -77.19]	, 0.9 NW FALLS CHURCH [38.89,
77.19], 0.8 NW FALLS CHURCH [38.89, -77	. 19] 09/08/11 18:10 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 20:00 EST		0	Source: State Official
South West Street closed between Poplar Dr	ive and Kennedy Street due to fla	sh flooding.		
ALEVANDRIA (C) COUNTY A C CCE ALE	VANDDIA 120 00 77 071 4 6 666	ALEVANDDIA 120	200 77 071 4 2 6	CIA/ AL EVANDRIA (20 00 77 00) 4 F
	=	E ALEXANDRIA [38	3.80, -77.07], 1.2 S	SW ALEXANDRIA [38.80, -77.09], 1.5
	=	E ALEXANDRIA [38	3.80, -77.07], 1.2 S	SW ALEXANDRIA [38.80, -77.09], 1.5 Flash Flood (due to Heavy Rain)
	EXANDRIA [38.80, -77.08]	E ALEXANDRIA [38	_	
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL	.EXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST		0	Flash Flood (due to Heavy Rain) Source: Department of Highways
ALEXANDRIA (C) COUNTY 1.6 SSE ALE SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FAL	.EXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisent	nower Road Exit du	0 0 ue to flash flooding	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run.
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between	.EXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisenh LS CHURCH [38.88, -77.18], 0.2 N 77.18]	nower Road Exit du	0 0 ue to flash flooding [38.88, -77.18], 0.3	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88,
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FAL	.EXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisent LS CHURCH [38.88, -77.18], 0.2 N 17.18] 09/08/11 18:15 EST	nower Road Exit du	0 0 ue to flash flooding [38.88, -77.18], 0.3	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. FINNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain)
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between	.EXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisenh LS CHURCH [38.88, -77.18], 0.2 N 77.18]	nower Road Exit du	0 0 ue to flash flooding [38.88, -77.18], 0.3	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88,
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FAL -77.18], 0.3 NNW FALLS CHURCH [38.88, -7	DEXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisenh LS CHURCH [38.88, -77.18], 0.2 N 17.18] 09/08/11 18:15 EST 09/08/11 20:00 EST	nower Road Exit du	0 0 ue to flash flooding [38.88, -77.18], 0.3	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. FINNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain)
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SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI 77.18], 0.3 NNW FALLS CHURCH [38.88, -7] Sherrow Road was closed due to flash floodi	EXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisenh LS CHURCH [38.88, -77.18], 0.2 N 77.18] 09/08/11 18:15 EST 09/08/11 20:00 EST ng.	nower Road Exit du	0 0 ue to flash flooding [38.88, -77.18], 0.3 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI -77.18], 0.3 NNW FALLS CHURCH [38.88, -7] Sherrow Road was closed due to flash floodi	DEXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisenh LS CHURCH [38.88, -77.18], 0.2 N 17.18] 09/08/11 18:15 EST 09/08/11 20:00 EST ang. FALLS CHURCH [38.89, -77.18], 0 17.18]	nower Road Exit du	0 0 ue to flash flooding [38.88, -77.18], 0.3 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI -77.18], 0.3 NNW FALLS CHURCH [38.88, -7 Sherrow Road was closed due to flash floodi FALLS CHURCH (C) COUNTY 0.4 NNW F -77.18], 0.4 NNW FALLS CHURCH [38.89, -7	Description of the control of the co	nower Road Exit du	0 0 ue to flash flooding [38.88, -77.18], 0.3 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official 18], 0.4 NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain)
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI -77.18], 0.3 NNW FALLS CHURCH [38.88, -7 Sherrow Road was closed due to flash floodi FALLS CHURCH (C) COUNTY 0.4 NNW F -77.18], 0.4 NNW FALLS CHURCH [38.89, -7	Description of the control of the co	nower Road Exit du	0 0 ue to flash flooding [38.88, -77.18], 0.3 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official 18], 0.4 NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain)
Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALL-77.18], 0.3 NNW FALLS CHURCH [38.88, -7] Sherrow Road was closed due to flash floodity FALLS CHURCH (C) COUNTY 0.4 NNW FALLS CHURCH [38.89, -7] South Oak Street was closed due to flash floodity FALLS CHURCH [38.89, -7]	EXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisenh LS CHURCH [38.88, -77.18], 0.2 N 77.18] 09/08/11 18:15 EST 09/08/11 20:00 EST FALLS CHURCH [38.89, -77.18], 0 9/08/11 18:15 EST 09/08/11 18:15 EST 09/08/11 20:00 EST oding.	nower Road Exit du	0 0 0 ue to flash flooding [38.88, -77.18], 0.3 0 0 HURCH [38.89, -77. 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official 18], 0.4 NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: Trained Spotter
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI -77.18], 0.3 NNW FALLS CHURCH [38.88, -7 Sherrow Road was closed due to flash floodi FALLS CHURCH (C) COUNTY 0.4 NNW F -77.18], 0.4 NNW FALLS CHURCH [38.89, -7	Description of the control of the co	nower Road Exit du	0 0 0 ue to flash flooding [38.88, -77.18], 0.3 0 0 0 HURCH [38.89, -77. 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. FINNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official 18], 0.4 NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: Trained Spotter , 0.8 SE PENDER [38.86, -77.36] Flash Flood (due to Heavy Rain)
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI -77.18], 0.3 NNW FALLS CHURCH [38.88, -7 Sherrow Road was closed due to flash floodi FALLS CHURCH (C) COUNTY 0.4 NNW F -77.18], 0.4 NNW FALLS CHURCH [38.89, -7 South Oak Street was closed due to flash flo FAIRFAX COUNTY 1.3 ESE PENDER [38	EXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisenh LS CHURCH [38.88, -77.18], 0.2 N 77.18] 09/08/11 18:15 EST 09/08/11 20:00 EST FALLS CHURCH [38.89, -77.18], 0 9/08/11 18:15 EST 09/08/11 20:00 EST oding. 86, -77.35], 1.4 SSE VALE [38.86 09/08/11 19:15 EST 09/08/11 21:00 EST	nower Road Exit du	0 0 0 ue to flash flooding [38.88, -77.18], 0.3 0 0 HURCH [38.89, -77. 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official 18], 0.4 NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: Trained Spotter
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI -77.18], 0.3 NNW FALLS CHURCH [38.88, -7 Sherrow Road was closed due to flash floodi FALLS CHURCH (C) COUNTY 0.4 NNW F -77.18], 0.4 NNW FALLS CHURCH [38.89, -7 South Oak Street was closed due to flash flo FAIRFAX COUNTY 1.3 ESE PENDER [38	EXANDRIA [38.80, -77.08] 09/08/11 18:15 EST 09/08/11 21:00 EST en Telegraph Road and the Eisenh LS CHURCH [38.88, -77.18], 0.2 N 77.18] 09/08/11 18:15 EST 09/08/11 20:00 EST FALLS CHURCH [38.89, -77.18], 0 9/08/11 18:15 EST 09/08/11 20:00 EST oding. 86, -77.35], 1.4 SSE VALE [38.86 09/08/11 19:15 EST 09/08/11 21:00 EST	nower Road Exit du	0 0 0 ue to flash flooding [38.88, -77.18], 0.3 0 0 0 HURCH [38.89, -77. 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. FINNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official 18], 0.4 NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: Trained Spotter , 0.8 SE PENDER [38.86, -77.36] Flash Flood (due to Heavy Rain)
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI77.18], 0.3 NNW FALLS CHURCH [38.88, -7] Sherrow Road was closed due to flash floodi FALLS CHURCH (C) COUNTY 0.4 NNW F77.18], 0.4 NNW FALLS CHURCH [38.89, -7] South Oak Street was closed due to flash floof FAIRFAX COUNTY 1.3 ESE PENDER [38] Westbound Interstate 66 was closed due to flash floor	Description of the service of the se	nower Road Exit du	0 0 0 1e to flash flooding [38.88, -77.18], 0.3 0 0 0 ALE [38.87, -77.34] 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official 18], 0.4 NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: Trained Spotter , 0.8 SE PENDER [38.86, -77.36] Flash Flood (due to Heavy Rain) Source: Newspaper
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI77.18], 0.3 NNW FALLS CHURCH [38.88, -7] Sherrow Road was closed due to flash floodi FALLS CHURCH (C) COUNTY 0.4 NNW F77.18], 0.4 NNW FALLS CHURCH [38.89, -7] South Oak Street was closed due to flash floof FAIRFAX COUNTY 1.3 ESE PENDER [38] Westbound Interstate 66 was closed due to flash floor	Description of the service of the se	nower Road Exit du	0 0 0 1e to flash flooding [38.88, -77.18], 0.3 0 0 0 ALE [38.87, -77.34] 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official 18], 0.4 NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: Trained Spotter , 0.8 SE PENDER [38.86, -77.36] Flash Flood (due to Heavy Rain) Source: Newspaper
SSW ALEXANDRIA [38.80, -77.09], 1.5 S AL Southbound Interstate 95 was closed between FALLS CHURCH (C) COUNTY 0.1 N FALI77.18], 0.3 NNW FALLS CHURCH [38.88, -7] Sherrow Road was closed due to flash floodi FALLS CHURCH (C) COUNTY 0.4 NNW F77.18], 0.4 NNW FALLS CHURCH [38.89, -7] South Oak Street was closed due to flash floof FAIRFAX COUNTY 1.3 ESE PENDER [38] Westbound Interstate 66 was closed due to flash	Description of the control of the co	nower Road Exit du	0 0 0 1e to flash flooding [38.88, -77.18], 0.3 0 0 0 HURCH [38.89, -77.0 0 0	Flash Flood (due to Heavy Rain) Source: Department of Highways on Cameron Run. FINNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: State Official 18], 0.4 NNW FALLS CHURCH [38.88, Flash Flood (due to Heavy Rain) Source: Trained Spotter 7, 0.8 SE PENDER [38.86, -77.36] Flash Flood (due to Heavy Rain) Source: Newspaper

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAIRFAX COUNTY 0.5 W NEWING	TON [38.73, -77.19], 0.5 NE POHICK EST	ATES [38.72, -77	.19], 0.4 SW NEWI	NGTON [38.73, -77.19], 1.1 N
NEWINGTON [38.75, -77.18], 1.2 N NE	WINGTON [38.75, -77.18] 09/08/11 19:55 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 22:00 EST		0	Source: Newspaper
Jumerous high water rescues were ne	rformed on Cinder Bed Road. A nearby	nhserver recorder		·
tamorodo riigir water rooddoo word po	Tomou on onider bou reads. Articulary		2 0.0 1 11101100 01 1411	
STAFFORD COUNTY FALMOUTH [77.46]	[38.32, -77.47], 1.3 SE FALMOUTH [38.31	1, -77.46], 1.3 SE	FALMOUTH [38.31	, -77.45], 0.4 E FALMOUTH [38.32,
	09/08/11 20:00 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 22:00 EST		0	Source: State Official
River Road was closed due to flash floo	oding.			
POTSYLVANIA COUNTY 1.4 S FIV	/E MILE [38.26, -77.55], 1.5 SSE FIVE MI	LE [38.26, -77.54], 1.4 SSE FIVE MI	LE [38.26, -77.54], 1.3 S FIVE MILE
38.26, -77.55]				
	09/08/11 21:00 EST		0	Flash Flood (due to Heavy Rain)
	09/08/11 23:00 EST		0	Source: State Official
Numerous roadways were closed in ea	stern Spotsylvania County. A sinkhole o	ccurred near the	intersection of Wind	dsor Drive and Abbey Lane.
portions of northern Virginia as the remnants of Tropical Depressi	s the mid-Atlantic allowed showers and on Lee interacted with a nearly stationa areas. The highest rainfall and worst flo	ry boundary nea	r the Mason-Dixon	line. Major flooding and
northward into Fairfax County. An AV	VOS site in Fairfax County measured 13	3.48 inches of rai	n.	
AIRFAX COUNTY 0.7 N BURKE [3	88.81, -77.27], 0.8 NNE BURKE [38.81, -7	7.27], 0.8 NNE BI	JRKE [38.81, -77.2	7], 0.8 NNW BURKE [38.81, -77.27]
	09/09/11 02:15 EST		0	Flood (due to Heavy Rain)
	09/09/11 08:00 EST		0	Source: Department of Highways
Guinea Road was closed due to flooding	ng. A nearby spotter had a storm total of	11.97 inches.		
FAIRFAX COUNTY 0.7 S EDSALL F	PARK [38.81, -77.17], 1.0 S LINCOLNIA [38.81, -77.15], 1.0	E WEYANOKE [3	8.80, -77.15], 0.6 E WEYANOKE [38.80,
77.16]	09/09/11 02:15 EST		0	Flood (due to Heavy Pain)
	09/09/11 08:00 EST		0	Flood (due to Heavy Rain) Source: Department of Highways
Portions of Edsall Road remained close	ed due to flooding. A nearby spotter had	a storm total of 9.	60 inches of rain.	3 - 3
	CROSSING [38.92, -77.31], 0.4 S CLARI G [38.93, -77.32], 1.0 W CLARKS CROSS	=		NW CLARKS CROSSING [38.92,
	09/09/11 10:00 EST		0	Flood (due to Heavy Rain)
	09/09/11 16:00 EST		0	Source: Trained Spotter
Nater remained over the road at Lawyof rain for a storm total.	ers Road and Hunter Mill Road and the ir	ntersection was flo	ooded and closed.	A nearby spotter observed 9.49 inches
-	n northern Virginia on the 9th, after reco e day, with a number of roadways close nfall of 12.56 inches.		=	
GREENE COUNTY 2.1 ENE STAND				
	09/12/11 15:47 EST		5K 0	Thunderstorm Wind (EG 56 kt)
Park to the second of the seco	09/12/11 15:47 EST		U	Source: Public
Nine trees were down along Skirmish F	Road.			
CHARLOTTESVILLE (C) COUNTY (0.6 WSW CHARLOTTESVILLE [38.03, -7	8.51]		
	09/12/11 16:10 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/12/11 16:10 EST		0	Source: Fire Department/Rescue
A tree fell down on a vehicle at Jefferso	on Park Avenue and Shamrock Road.			

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A trough of low pressure triggered showers and produce damaging winds in central Virginia.	thunderstorms on the 12th	. Moderate instab	ility caused a cou	ple thunderstorms to
SHENANDOAH COUNTY 0.7 W SAUMSVILLE	[38.93, -78.51]			
	09/14/11 16:57 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/14/11 16:57 EST		0	Source: State Official
A tree was blown down by thunderstorm winds alor	ng Jadwyn Road near the to	wn of Woodstock.		
SHENANDOAH COUNTY 0.6 ESE SAUMSVILL	E [38.93, -78.49]			
	09/14/11 17:00 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/14/11 17:00 EST		0	Source: State Official
A tree was blown down by a thunderstorm wind gu	st along Swartz Road near \	Woodstock.		
SHENANDOAH COUNTY 1.2 SSW SAUMSVILL	.E [38.91, -78.51]			
	09/14/11 17:00 EST		2K	Thunderstorm Wind (EG 56 kt)
	09/14/11 17:00 EST		0	Source: State Official
A Metal and wooden shed was damaged by strong	thunderstorm wind gusts al	ong Wetzel Road ı	near the town of W	oodstock.
ROCKINGHAM COUNTY 3.2 SSE MELROSE [3	8.4678.771			
	09/14/11 18:12 EST		0	Hail (1.00 in)
	09/14/11 18:12 EST		0	Source: Public
Hail up to quarters in size was reported near Keezl	ataum			
SHENANDOAH COUNTY 1.5 SSW SAUMSVILL SSW SAUMSVILLE [38.91, -78.51]		SAUMSVILLE [38.	_	
	09/14/11 17:30 EST		0	Flash Flood (due to Heavy Rain)
	09/14/11 18:00 EST		0	Source: State Official
Pughs Run was out of its banks onto Wetzerl Road	I. The road was impassable	and closed. A ne	arby observer mea	sured 1.46 inches of rain.
A cold front crossed the Appalachians during the moisture helped produce scattered showers and produced an isolated flash flood in Shenandoah	thunderstorms along this	front. Heavy rain	associated with o	ne of these cells
(VA-Z031) CLARKE, (VA-Z042) LOUDOUN, (VA-Z042) FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER	051) CULPEPER, (VA-Z052)	PRINCE WILLIAN	I, (VA-Z053) FAIR	FAX, (VA-Z501) NORTHERN
·	09/22/11 21:15 EST		0	Dense Fog
	09/23/11 09:30 EST		0	
High pressure just off the Mid-Atlantic Coast cau were light enough during the early morning hour	•		v-level moisture a	cross the area. Winds
(VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-	Z036) NELSON, (VA-Z037)	ALBEMARLE, (VA	-Z038) GREENE, (VA-Z042) LOUDOUN, (VA-Z050)
ORANGE, (VA-Z051) CULPEPER	09/23/11 17:15 EST		0	Dense Fog
	09/24/11 06:55 EST		0	
Light winds combined with an abundant amount the late evening hours of the 23rd and it lasted in	•		nse fog. The dens	se fog occurred during
KING GEORGE COUNTY 1.8 WNW GOBY [38.3	33, -77.30], 2.1 WNW GOBY	[38.33, -77.31], 2.2	2 WNW GOBY [38.	33, -77.31], 1.9 WNW GOBY [38.33,
-77.30]	09/27/11 15:00 EST		0	Flash Flood (due to Heavy Rain)
	09/27/11 16:00 EST		0	Source: State Official
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Date/Time **Event Type and Details** Location Deaths & Property & Injuries Crop Dmg A mudslide was caused by flash flooding near Belvedere Drive and Waugh Point Road. KING GEORGE COUNTY --- 0.9 NW SEALSTON [38.28, -77.34], 0.9 NNW SEALSTON [38.28, -77.33], 1.3 NNW SEALSTON [38.29, -77.34], 1.3 NW SEALSTON [38.28, -77.35] 09/27/11 15:15 EST Flash Flood (due to Heavy Rain) n 09/27/11 16:00 EST Source: State Official A road was washed out due to heavy rain near Bully Hill Drive and Chapel Green Road. Upper level low pressure remained over the Ohio Valley while high pressure was located over the Atlantic Ocean. A southerly flow between these two systems pumped in plenty of moisture across the area. The deep moisture provided moderate amounts of instability while a cold front was moving in from the west. These two features combined to trigger showers and thunderstorms. Excessive rainfall rates from these thunderstorms caused flash flooding in King George County. (VA-Z042) LOUDOUN, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER 09/28/11 20:15 EST 0 Dense Fog n 09/29/11 07:57 EST High pressure just off to the east produced a light southeasterly flow. The southeast flow caused an abundant amount of low-level moisture to move overhead. Light winds along with high moisture caused areas of dense fog to develop during the late evening hours of the 28th lasting into the morning hours of the 29th. WEST VIRGINIA, East (WV-Z504) EASTERN MINERAL 09/02/11 02:44 EST 0 Dense Fog 09/02/11 06:20 EST 0 High pressure centered overhead caused light winds. Light winds along with high amounts of low-level moisture allowed for areas of fog to develop during the early morning hours of the 2nd. PENDLETON COUNTY --- 2.3 W DAHMER [38.58, -79.37] Thunderstorm Wind (EG 52 kt) 09/03/11 13:56 EST 1K 0 09/03/11 13:56 EST Source: State Official A tree was down along Sandy Ridge Road. A pressure trough remained over the region on the 3rd. Moderate instability combined with the trough for scattered showers and thunderstorms. An isolated thunderstorm produced damaging winds. GRANT COUNTY --- 0.6 S SCHERR [39.19, -79.17], 0.5 SW SCHERR [39.19, -79.18], 0.2 SSE SCHERR [39.20, -79.17], 0.5 SSE SCHERR [39.19, -79.17] 09/04/11 19:30 EST 0 Flood (due to Heavy Rain) 09/04/11 23:30 EST 0 Source: Fire Department/Rescue Standing water was hindering traffic flow near the intersection of Routes 42 and 93. HARDY COUNTY --- 1.4 W WARDENSVILLE [39.08, -78.63], 0.9 WSW WARDENSVILLE [39.07, -78.61], 0.6 SSE WARDENSVILLE [39.07, -78.60], 0.5 E WARDENSVILLE [39.08, -78.59], 1.7 NNE WARDENSVILLE [39.10, -78.59] 09/04/11 21:32 EST 0 Flash Flood (due to Heavy Rain) 0 Source: State Official 09/04/11 23:00 EST Deep water was flowing across Route 55, forcing its closure. Rich tropical moisture streamed northward from the Gulf of Mexico in advance of a slow-moving cold front across the Ohio Valley. Isolated showers and thunderstorms developed in areas of terrain-enhanced lift across the Potomac Highlands. A couple of reports of flooding and flash flooding were received after the heavy rainfall amounts from this activity. The highest rainfall total in the region was observed in Grant County, where 2.05 inches was recorded. GRANT COUNTY --- 0.9 NE BISMARK [39.23, -79.22], 1.1 NE BISMARK [39.23, -79.22], 1.1 NE BISMARK [39.23, -79.22], 0.9 NE BISMARK [39.23, -79.22]

09/06/11 17:10 EST

09/06/11 22:00 EST

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Flood (due to Heavy Rain)

Source: State Official

0

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ligh water was observed over Route 42. T	he water was too deep for cars to	pass.		
GRANT COUNTY 0.5 W BAYARD [39.27	•	27, -79.26], 0.8 W B		
	09/06/11 17:20 EST		0	Flood (due to Heavy Rain)
	09/06/11 22:20 EST		0	Source: State Official
Route 50 was flooded near Bismarck Road.				
GRANT COUNTY 1.1 E BISMARK [39.22		-79.20], 1.6 ESE BI	=	
	09/06/11 20:00 EST		0	Flood (due to Heavy Rain)
	09/06/11 23:45 EST		0	Source: Trained Spotter
ligh water was reported on Sheer Road ne	ar Route 42.			
Gulf of Mexico and Atlantic moisture asso stationary boundary across West Virginia. looding in Grant County. A storm spotter	. Widespread rain falling across	already saturated	ground in eastern	-
WV-Z502) EASTERN GRANT				
	09/13/11 04:15 EST		0	Dense Fog
	09/13/11 08:10 EST		0	
High pressure overhead caused mainly clothe early morning hours.		ional cooling allow	ed for areas of de	nse fog to develop during
HARDY COUNTY 3.5 ESE ROCKOAK [3	09/14/11 15:12 EST		0	Hail (1.00 in)
	09/14/11 15:12 EST		0	Source: Post Office
Quarter sized hail was reported.				
HARDY COUNTY 2.9 ESE ROCKOAK [3	9.13, -78.68]			
	09/14/11 15:14 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/14/11 15:14 EST		0	Source: Post Office
Tree damage was along Lower Arkansas Ro	oad.			
BERKELEY COUNTY 0.8 SE JONES SP	GS [39.47, -78.09]			
BERKELEY COUNTY 0.8 SE JONES SP	GS [39.47, -78.09] 09/14/11 15:32 EST		0	Hail (1.75 in)
BERKELEY COUNTY 0.8 SE JONES SP			0 0	Hail (1.75 in) Source: Public
	09/14/11 15:32 EST 09/14/11 15:32 EST			
Golf ball sized hail was reported along Tally	09/14/11 15:32 EST 09/14/11 15:32 EST ho Lane.			
Golf ball sized hail was reported along Tally	09/14/11 15:32 EST 09/14/11 15:32 EST ho Lane.			
Golf ball sized hail was reported along Tally	09/14/11 15:32 EST 09/14/11 15:32 EST tho Lane.		0	Source: Public
Golf ball sized hail was reported along Tally BERKELEY COUNTY 0.6 SE ARDEN [39	09/14/11 15:32 EST 09/14/11 15:32 EST tho Lane. 9.41, -78.04] 09/14/11 15:50 EST		0	Source: Public Hail (1.00 in)
Golf ball sized hail was reported along Tally BERKELEY COUNTY 0.6 SE ARDEN [39] Quarter sized hail was reported at Arden.	09/14/11 15:32 EST 09/14/11 15:32 EST tho Lane. 9.41, -78.04] 09/14/11 15:50 EST 09/14/11 15:50 EST		0	Source: Public Hail (1.00 in)
Golf ball sized hail was reported along Tally BERKELEY COUNTY 0.6 SE ARDEN [39 Quarter sized hail was reported at Arden.	09/14/11 15:32 EST 09/14/11 15:32 EST tho Lane. 9.41, -78.04] 09/14/11 15:50 EST 09/14/11 15:50 EST		0	Source: Public Hail (1.00 in) Source: Public
Golf ball sized hail was reported along Tally BERKELEY COUNTY 0.6 SE ARDEN [39 Quarter sized hail was reported at Arden.	09/14/11 15:32 EST 09/14/11 15:32 EST tho Lane. 0.41, -78.04] 09/14/11 15:50 EST 09/14/11 15:50 EST		0 0 0	Source: Public Hail (1.00 in)
Golf ball sized hail was reported along Tally BERKELEY COUNTY 0.6 SE ARDEN [39 Quarter sized hail was reported at Arden. BERKELEY COUNTY 2.7 NW JOHNSTO	09/14/11 15:32 EST 09/14/11 15:32 EST tho Lane. 0.41, -78.04] 09/14/11 15:50 EST 09/14/11 15:50 EST 09/14/11 16:30 EST 09/14/11 16:30 EST	oad and River Road	0 0 0	Source: Public Hail (1.00 in) Source: Public Thunderstorm Wind (EG 56 kt)
Golf ball sized hail was reported along Tally BERKELEY COUNTY 0.6 SE ARDEN [39 Quarter sized hail was reported at Arden. BERKELEY COUNTY 2.7 NW JOHNSTO	09/14/11 15:32 EST 09/14/11 15:32 EST who Lane. 9.41, -78.04] 09/14/11 15:50 EST 09/14/11 15:50 EST 09/14/11 16:30 EST 09/14/11 16:30 EST 09/14/11 16:30 EST	oad and River Road	0 0 0	Source: Public Hail (1.00 in) Source: Public Thunderstorm Wind (EG 56 kt)
Golf ball sized hail was reported along Tally BERKELEY COUNTY 0.6 SE ARDEN [39 Quarter sized hail was reported at Arden. BERKELEY COUNTY 2.7 NW JOHNSTO	09/14/11 15:32 EST 09/14/11 15:32 EST tho Lane. 0.41, -78.04] 09/14/11 15:50 EST 09/14/11 15:50 EST 09/14/11 16:30 EST 09/14/11 16:30 EST 09/14/11 16:30 EST the intersection of Martinsburg Rown [39.59, -78.04]	oad and River Road	0 0 0 1K 0	Hail (1.00 in) Source: Public Thunderstorm Wind (EG 56 kt) Source: State Official
Golf ball sized hail was reported along Tally BERKELEY COUNTY 0.6 SE ARDEN [39] Quarter sized hail was reported at Arden. BERKELEY COUNTY 2.7 NW JOHNSTO A large tree was down across the road near BERKELEY COUNTY 1.1 NW JOHNSTO	09/14/11 15:32 EST 09/14/11 15:32 EST who Lane. 9.41, -78.04] 09/14/11 15:50 EST 09/14/11 15:50 EST 09/14/11 16:30 EST 09/14/11 16:30 EST 09/14/11 16:30 EST	oad and River Road	0 0 0	Source: Public Hail (1.00 in) Source: Public Thunderstorm Wind (EG 56 kt)

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A tree branch that was three to four inches in diameter was knocked down from thunderstorm winds.

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HARDY COUNTY 5.6 S LOST CITY [38.85, -78	=			
	09/14/11 16:32 EST		1K	Thunderstorm Wind (EG 52 kt)
A tree was down as and set City slave Heavy Court	09/14/11 16:32 EST		0	Source: State Official
A tree was down near Lost City along Upper Cove	Road.			
JEFFERSON COUNTY 0.4 SSW LEETOWN [3:	9.34, -77.93] 09/14/11 16:36 EST		0	Hail (1.00 in)
	09/14/11 16:36 EST		0	Source: Public
Quarter sized hail was reported along Dallas Lane	ı.			
BERKELEY COUNTY 1.0 W JOHNSTOWN [39	.58, -78.05]			
-	09/14/11 16:38 EST		0	Hail (1.00 in)
	09/14/11 16:38 EST		0	Source: Public
Hail up to quarters in size was reported along Bax	ter Road.			
BERKELEY COUNTY 1.2 NW JOHNSTOWN [3	9.59, -78.04]			
	09/14/11 16:38 EST		5K	Hail (1.75 in)
	09/14/11 16:38 EST		0	Source: Public
Golf ball sized hail was reported near Johnsontow	n. Hail caused dents in a vel	hicle.		
BERKELEY COUNTY 1.1 SE GANOTOWN [39				
	09/14/11 17:02 EST 09/14/11 17:02 EST		0	Hail (1.00 in) Source: Public
Quarter sized hail was reported along Hallows Wa BERKELEY COUNTY 1.3 S SHANGHAI [39.41			0	Hail (1.50 in)
	09/14/11 17:03 EST		0	Source: Public
Hail up to the size of ping pong balls was reported	along Canton Court.			
BERKELEY COUNTY 1.3 E SHANGHAI [39.43	-			
	09/14/11 17:06 EST		0	Hail (1.00 in) Source: Public
Hail up to quarters in size was reported along Pas	09/14/11 17:06 EST sage Way Terrace.		0	Source. Public
DEDUCT EV COUNTY 4.7 NW UNION CODNET	700 40 70 401			
BERKELEY COUNTY 1.7 NW UNION CORNER	09/14/11 17:08 EST		0	Hail (1.00 in)
	09/14/11 17:08 EST		0	Source: Public
Quarter sized hail was reported along Setting sun	Ridge.			
BERKELEY COUNTY 1.5 SE GERRARDSTOW	• •			
	09/14/11 17:17 EST		0	Hail (1.00 in)
	09/14/11 17:17 EST		0	Source: Public
Hail up to quarters in size was reported along Cha	ucer Lane.			
JEFFERSON COUNTY 1.2 NNE KABLETOWN			0	Thursdoordorm Wind (FO 50 Id)
	09/14/11 17:40 EST		0	Thunderstorm Wind (EG 52 kt)
	09/14/11 17:40 EST		0	Source: Public

Wind gusts were estimated to be around 60 mph.

A cold front passed through the region during the afternoon and evening hours of the 14th. A southwest flow ahead of the front caused a warm and humid air mass which led to moderate amounts of instability. The moderate instability combined with forcing from the front

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
to trigger showers and thunderstorms.	Some thunderstorms produced dan	naging winds and	large hail.	
(WV-Z052) BERKELEY, (WV-Z053) JEFF	FERSON			
	09/23/11 03:36 EST		0	Dense Fog
	09/23/11 07:00 EST		0	
High pressure just off the Mid-Atlantic were light enough during the early mor	•		w-level moisture a	across the area. Winds
HAMPSHIRE COUNTY 0.4 SW ROMN	EY [39.35, -78.76]			
	09/27/11 16:15 EST		0	Hail (1.50 in)
	09/27/11 16:15 EST		0	Source: Emergency Manager
Hail up to the size of ping pong balls was	measured in Romney.			
HAMPSHIRE COUNTY 0.4 SW ROMN	EY [39.35, -78.76]			
	09/27/11 16:18 EST		0	Hail (1.25 in)
	09/27/11 16:18 EST		0	Source: Public
Hail up to the size of half dollars was rep	orted in Hampshire.			
HAMPSHIRE COUNTY 1.2 WNW SHA				
	09/27/11 16:20 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/27/11 16:20 EST		0	Source: Emergency Manager
A tree was down along Ridge Loop Road	l.			
HAMPSHIRE COUNTY 2.1 ESE ROMI	NEY [39.34, -78.71]			
	09/27/11 16:20 EST		0	Hail (1.50 in)
	09/27/11 16:20 EST		0	Source: State Official
Hail up to the size of ping pong balls was	measured near Shanks.			
Upper level low pressure remained ove	r the Ohio Valley while high pressur	e was located over	er the Atlantic Oce	an. A southerly flow
between these two systems pumped in				-
instability at the same time a cold front			-	
thunderstorms. Some thunderstorms p	roduced damaging wind gusts.			
(WV-Z052) BERKELEY				
	09/29/11 04:11 EST		0	Dense Fog

High pressure just off to the east produced a light southeasterly flow. The southeast flow caused an abundant amount of low-level moisture to move overhead. Light winds along with high moisture caused areas of dense fog to develop during the early morning hours of the 29th.

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