Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg ATLANTIC NORTH CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 S ANNAPOLIS [38.98, -76.48] 07/03/11 03:10 EST Marine Thunderstorm Wind (EG 34 kt) 07/03/11 03:10 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported at the Annapolis Buoy. TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 WNW (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.06] 07/03/11 17:29 EST 0 Marine Thunderstorm Wind (EG 50 kt) 0 07/03/11 17:29 EST Source: Unknown Wind gust around 50 knots were estimated due to thunderstorm wind damage nearby. TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 E (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.03] 07/03/11 17:31 EST Marine Thunderstorm Wind (EG 45 kt) 07/03/11 17:31 EST 0 Source: ASOS A wind gust of 45 knots was reported at Reagan National. TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 SW WASHINGTON NATIONALS PARK [38.86, -77.02] 07/03/11 17:34 EST Marine Thunderstorm Wind (EG 46 kt) 07/03/11 17:34 EST O Source: Mesonet A wind gust of 46 knots was reported at Nationals Park. TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.5 W WASHINGTON NATIONALS PARK [38.87, -77.02] 07/03/11 17:36 EST Marine Thunderstorm Wind (EG 48 kt) 07/03/11 17:36 EST 0 Source: Mesonet A wind gust of 48 knots was reported. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 11.9 SSW THOMAS POINT LIGHT [38.74, -76.53] 07/03/11 18:05 EST Marine Thunderstorm Wind (MG 37 kt) 07/03/11 18:15 EST 0 Source: Mesonet A wind gust of 37 knots was reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44] 07/03/11 19:00 EST Marine Thunderstorm Wind (MG 43 kt) 07/03/11 19:00 EST 0 Source: Buoy A wind gust of 43 knots was reported at Thomas Point Lighthouse. TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.4 NE QUANTICO [38.50, -77.31] 07/03/11 19:13 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/03/11 19:13 EST 0 Source: ASOS A wind gust of 40 knots was reported at Quantico. TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 11.5 W BABAR POINT [38.33, -77.24] 07/03/11 19:43 EST 0 Marine Thunderstorm Wind (EG 52 kt) 07/03/11 19:43 EST 0 Source: Unknown A wind gust was estimated to be around 60 mph due to thunderstorm wind damage nearby. TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.7 E BABAR POINT [38.31, -77.02] 07/03/11 19:55 FST O Marine Thunderstorm Wind (MG 37 kt) 07/03/11 20:10 EST O Source: Mesonet

Wind gust up to 37 knots were reported at Baber Point.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC INDIAN HD TO COBI		LIGHT [38.34, -76	=	M . T
	07/03/11 20:03 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/03/11 20:03 EST		0	Source: Mesonet
A wind gust of 35 knots was reported at	the Potomac Lighthouse.			
TIDAL POTOMAC INDIAN HD TO COBI		LIGHT [38.34, -76	-	
	07/03/11 21:04 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/03/11 21:04 EST		0	Source: Mesonet
wind gust of 34 knots was reported at	the Potomac Lighthouse.			
TIDAL POTOMAC COBB IS MD TO SM	-	[38.13, -76.53]		
	07/03/11 21:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/03/11 21:06 EST		0	Source: Mesonet
Nind gusts in excess of 30 knots were r	eported at Piney Point.			
TIDAL POTOMAC COBB IS MD TO SM	ITH PT VA COUNTY 18.2 WNW PIN	EY POINT [38.25,	-76.83]	
	07/03/11 21:25 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/03/11 21:45 EST		0	Source: Mesonet
Wind gusts up to 38 knots were reported	d at Cobb Point.			
TIDAL POTOMAC COBB IS MD TO SM	ITH PT VA COUNTY 0.2 WNW POIN	IT I OOKOUT 138 (14 -76 321	
	07/03/11 21:35 EST		0	Marine Thunderstorm Wind (EG 40 kt)
	07/03/11 21:55 EST		0	Source: Mesonet
		l of the front caus		
A cold front passed through the area of moderate instability to develop. The consoner thunderstorms produced gusty	during the 3rd. A southerly flow ahead ombination of lift associated with the winds.	front and instabil	ed enough warm t	and moist air for
A cold front passed through the area of moderate instability to develop. The consoner thunderstorms produced gusty	during the 3rd. A southerly flow ahead ombination of lift associated with the winds.	front and instabil	ed enough warm t	and moist air for
A cold front passed through the area of moderate instability to develop. The consoner thunderstorms produced gusty	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN	front and instabil	ed enough warm ty triggered show 04, -76.32]	and moist air for ers and thunderstorms.
A cold front passed through the area of moderate instability to develop. The considerate instability to develop. The considerate instability to develop. The consideration of the consideration of the color of the c	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST	front and instabil	ed enough warm ty triggered show 04, -76.32]	and moist air for rers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt)
A cold front passed through the area of moderate instability to develop. The component of the color of the co	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout.	front and instabil IT LOOKOUT [38.0 T the region on the	ed enough warm atty triggered show 04, -76.32] 0 0 e 4th. The cooler attevelop. An isolate	and moist air for vers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet air aloft associated with
A cold front passed through the area of moderate instability to develop. The component of the color of the co	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout.	front and instabil IT LOOKOUT [38.0 T the region on the	ed enough warm atty triggered show 04, -76.32] 0 0 e 4th. The cooler attevelop. An isolate	and moist air for vers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet air aloft associated with ed thunderstorm
A cold front passed through the area of moderate instability to develop. The component of the color of the co	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout.	front and instabil IT LOOKOUT [38.0 T the region on the	ed enough warm at triggered shown 104, -76.32] 0 0 e 4th. The cooler a levelop. An isolate	and moist air for vers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet air aloft associated with
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A cold front passed through the area of moderate instability to develop. The color of the color	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout. ITH PT VA COUNTY 4.3 NNW 07/07/11 17:24 EST 07/07/11 18:00 EST	T LOOKOUT [38.0	ed enough warm ty triggered show 14, -76.32] 0 0 e 4th. The cooler alevelop. An isolate [39.22, -76.53] 0 0	and moist air for vers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet air aloft associated with ed thunderstorm Marine Thunderstorm Wind (MG 59 kt)
A cold front passed through the area of moderate instability to develop. The color of the color	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout. ITH PT VA COUNTY 4.3 NNW point of the atmosphere remained over a stability for scattered showers and the stability for scattered showers and the point 17:24 EST 07/07/11 18:00 EST did at the Baltimore Key Bridge.	T LOOKOUT [38.0	ed enough warm ty triggered show 14, -76.32] 0 0 e 4th. The cooler alevelop. An isolate [39.22, -76.53] 0 0	and moist air for vers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet air aloft associated with ed thunderstorm Marine Thunderstorm Wind (MG 59 kt) Source: Buoy
A cold front passed through the area of moderate instability to develop. The color some thunderstorms produced gusty TIDAL POTOMAC COBB IS MD TO SM A wind gust in excess of 30 knots was read through of low pressure at the mid-level the mid-level trough caused enough in produced gusty winds. PATAPSCO RIVER INCLUDING BALTII Wind gusts up to 59 knots were reported PATAPSCO RIVER INCLUDING BALTII	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout. Wels of the atmosphere remained over instability for scattered showers and the stability for scattered showers and the original of the stability for scattered showers and the stability for scattered showers and the original of the stability for scattered showers and the stability for scattered showers and the original of the stability for scattered showers and the stability for scattered showers are stability for scattered showers and the stability for scat	T LOOKOUT [38.0	ed enough warm ty triggered show 14, -76.32] 0 0 e 4th. The cooler alevelop. An isolate [39.22, -76.53] 0 0	and moist air for vers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet air aloft associated with ed thunderstorm Marine Thunderstorm Wind (MG 59 kt) Source: Buoy Marine Thunderstorm Wind (MG 35 kt)
A cold front passed through the area of moderate instability to develop. The color moderate instability of the moderate in excess of 30 knots was read through of low pressure at the mid-level the mid-level trough caused enough in produced gusty winds. PATAPSCO RIVER INCLUDING BALTIII Wind gusts up to 59 knots were reported. PATAPSCO RIVER INCLUDING BALTIII A wind gust of 35 knots was reported at	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout. ITH PT VA COUNTY 1.3 NOW POIN 07/04/11 20:00 EST 07/07/11 17:24 EST 07/07/11 18:00 EST 07/07/11 18:00 EST 07/07/11 17:36 EST	front and instabil IT LOOKOUT [38.4 IT the region on the nunderstorms to continue to the RIVIERA BEACH	ed enough warm aty triggered shown 14, -76.32] 0 0 e 4th. The cooler attevelop. An isolate [39.22, -76.53] 0 0 39.27, -76.58] 0 0	and moist air for vers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet air aloft associated with ed thunderstorm Marine Thunderstorm Wind (MG 59 kt) Source: Buoy Marine Thunderstorm Wind (MG 35 kt)
A cold front passed through the area of moderate instability to develop. The color some thunderstorms produced gusty TIDAL POTOMAC COBB IS MD TO SM A wind gust in excess of 30 knots was read through of low pressure at the mid-level the mid-level trough caused enough in produced gusty winds. PATAPSCO RIVER INCLUDING BALTIII Wind gusts up to 59 knots were reported patanace and gusty winds and gusts up to 59 knots were reported. PATAPSCO RIVER INCLUDING BALTIII A wind gust of 35 knots was reported at	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout. ITH PT VA COUNTY 1.3 NOW POIN 07/04/11 20:00 EST 07/07/11 17:24 EST 07/07/11 18:00 EST 07/07/11 18:00 EST 07/07/11 17:36 EST	front and instabil IT LOOKOUT [38.4 IT the region on the nunderstorms to continue to the RIVIERA BEACH	ed enough warm aty triggered shown 14, -76.32] 0 0 e 4th. The cooler attevelop. An isolate [39.22, -76.53] 0 0 39.27, -76.58] 0 0	and moist air for vers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet air aloft associated with ed thunderstorm Marine Thunderstorm Wind (MG 59 kt) Source: Buoy Marine Thunderstorm Wind (MG 35 kt)
Wind gusts up to 40 knots were reported. A cold front passed through the area of moderate instability to develop. The color some thunderstorms produced gusty. TIDAL POTOMAC COBB IS MD TO SM. A wind gust in excess of 30 knots was read through of low pressure at the mid-level the mid-level trough caused enough in produced gusty winds. PATAPSCO RIVER INCLUDING BALTII A wind gust of 35 knots were reported at PATAPSCO RIVER INCLUDING BALTIII A wind gust of 35 knots was reported at PATAPSCO RIVER INCLUDING BALTIII	during the 3rd. A southerly flow ahead ombination of lift associated with the winds. ITH PT VA COUNTY 0.2 WNW POIN 07/04/11 20:00 EST 07/04/11 20:00 EST eported at Point Lookout. Ith evels of the atmosphere remained over a stability for scattered showers and the stability for scattered showers and the more stability for scattered showers and the stability fo	front and instabil IT LOOKOUT [38.4 IT the region on the nunderstorms to continue to the RIVIERA BEACH	ed enough warm aty triggered show 14, -76.32] 0 0 e 4th. The cooler alevelop. An isolate [39.22, -76.53] 0 0 39.27, -76.58] 0 0	and moist air for vers and thunderstorms. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet air aloft associated with ed thunderstorm Marine Thunderstorm Wind (MG 59 kt) Source: Buoy Marine Thunderstorm Wind (MG 35 kt) Source: Buoy

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PATAPSCO RIVER INCLUDING BALTIMO	RE HARBOR COUNTY 1.6 SSW (ORIOLE PARK A	T CAMDEN YARDS	5 [39.2676.63]
	07/07/11 19:04 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/07/11 19:04 EST		0	Source: Mesonet
A wind gust in excess of 30 knots was repo	rted in Lakeland.			
PATAPSCO RIVER INCLUDING BALTIMO	RE HARBOR COUNTY 0.2 N MAI	RYLAND SCIENC	E CENTER [39.28,	-76.61]
	07/07/11 19:09 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/07/11 19:09 EST		0	Source: Mesonet
A wind gust in excess of 30 knots was repo	rted at Orioles Park.			
A mid-level trough of low pressure remain Atlantic ushered in plenty of warm and m moderate amounts of instability to develo winds.	oist air. The combination of warm a	and moist air at t	ne surface along w	vith cooler air aloft caused
CHESAPEAKE BAY SANDY PT TO N BEA		POINT [38.94, -76	.44]	
	07/08/11 15:31 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/08/11 15:31 EST		0	Source: Mesonet
A wind gust of 36 knots was reported at Tol	lly Point.			
CHESAPEAKE BAY POOLES IS TO SAND		TIMORE APPRO	-	-
	07/08/11 15:54 EST 07/08/11 16:00 EST		0	Marine Thunderstorm Wind (MG 35 kt) Source: Mesonet
TIDAL POTOMAC INDIAN HD TO COBB IS	S MD COUNTY 0.2 ENE BABAR F 07/08/11 16:00 EST	POINT [38.31, -77	03]	Marine Thunderstorm Wind (MG 38 kt)
				Walifie Hidriderstofff Willia (WO 30 Kt)
	07/08/11 16:10 EST		0	Source: Mesonet
Wind gusts up to 38 knots were reported at	07/08/11 16:10 EST			Source: Mesonet
	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC	LIGHT [38.34, -76	0	
	07/08/11 16:10 EST Baber Point. BMD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST	LIGHT [38.34, -76	0	Marine Thunderstorm Wind (MG 44 kt)
TIDAL POTOMAC INDIAN HD TO COBB IS	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST	LIGHT [38.34, -76	0	
TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST ne Potomac Lighthouse. B MD COUNTY 2.0 E QUANTICO		0	Marine Thunderstorm Wind (MG 44 kt)
TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the	07/08/11 16:10 EST Baber Point. BMD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST ne Potomac Lighthouse.		0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet Marine Thunderstorm Wind (MG 38 kt)
TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST ne Potomac Lighthouse. B MD COUNTY 2.0 E QUANTICO		0 5.99] 0 0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet
TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST ne Potomac Lighthouse. B MD COUNTY 2.0 E QUANTICO 07/08/11 16:19 EST 07/08/11 16:24 EST		0 6.99] 0 0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet Marine Thunderstorm Wind (MG 38 kt)
TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the tribal POTOMAC INDIAN HD TO COBB IS A wind gust of 38 knots was measured at C	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST The Potomac Lighthouse. B MD COUNTY 2.0 E QUANTICO 07/08/11 16:19 EST 07/08/11 16:24 EST Quantico.	[38.50, -77.27]	0 6.99] 0 0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet Marine Thunderstorm Wind (MG 38 kt) Source: ASOS
A wind gust of 44 knots was measured at the TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 38 knots was measured at C	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST The Potomac Lighthouse. B MD COUNTY 2.0 E QUANTICO 07/08/11 16:19 EST 07/08/11 16:24 EST Quantico.	[38.50, -77.27]	0 6.99] 0 0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet Marine Thunderstorm Wind (MG 38 kt) Source: ASOS
TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the tribal potomac indian HD TO COBB IS A wind gust of 38 knots was measured at C	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST ne Potomac Lighthouse. B MD COUNTY 2.0 E QUANTICO 07/08/11 16:19 EST 07/08/11 16:24 EST Quantico. EERS SURROUNDING BLOODSWOO	[38.50, -77.27]	0 5.99] 0 0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet Marine Thunderstorm Wind (MG 38 kt) Source: ASOS HOPS HEAD [38.22, -76.03]
TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the tribal potomac indian HD to cobb is A wind gust of 38 knots was measured at C TANGIER SOUND AND THE INLAND WAT	07/08/11 16:10 EST Baber Point. BMD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST The Potomac Lighthouse. BMD COUNTY 2.0 E QUANTICO 07/08/11 16:19 EST 07/08/11 16:24 EST Quantico. TERS SURROUNDING BLOODSWOI 07/08/11 18:53 EST 07/08/11 18:53 EST	[38.50, -77.27]	0 5.99] 0 0 0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet Marine Thunderstorm Wind (MG 38 kt) Source: ASOS HOPS HEAD [38.22, -76.03] Marine Thunderstorm Wind (MG 40 kt)
TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 38 knots was measured at C TANGIER SOUND AND THE INLAND WAT A wind gust of 34 knots was reported at Bis	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST The Potomac Lighthouse. B MD COUNTY 2.0 E QUANTICO 07/08/11 16:19 EST 07/08/11 16:24 EST Quantico. TERS SURROUNDING BLOODSWOI 07/08/11 18:53 EST 07/08/11 18:53 EST 8hops Head.	[38.50, -77.27] RTH ISLAND CO	0 5.99] 0 0 0 0 JNTY 0.5 E BISI 0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet Marine Thunderstorm Wind (MG 38 kt) Source: ASOS HOPS HEAD [38.22, -76.03] Marine Thunderstorm Wind (MG 40 kt) Source: Mesonet
TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 38 knots was measured at C TANGIER SOUND AND THE INLAND WAT A wind gust of 34 knots was reported at Bis	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST The Potomac Lighthouse. B MD COUNTY 2.0 E QUANTICO 07/08/11 16:19 EST 07/08/11 16:24 EST Quantico. TERS SURROUNDING BLOODSWOI 07/08/11 18:53 EST 07/08/11 18:53 EST 8hops Head.	[38.50, -77.27] RTH ISLAND CO	0 5.99] 0 0 0 0 JNTY 0.5 E BISI 0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet Marine Thunderstorm Wind (MG 38 kt) Source: ASOS HOPS HEAD [38.22, -76.03] Marine Thunderstorm Wind (MG 40 kt) Source: Mesonet
Wind gusts up to 38 knots were reported at TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 44 knots was measured at the TIDAL POTOMAC INDIAN HD TO COBB IS A wind gust of 38 knots was measured at C TANGIER SOUND AND THE INLAND WAT A wind gust of 34 knots was reported at Bis TANGIER SOUND AND THE INLAND WAT	07/08/11 16:10 EST Baber Point. B MD COUNTY 0.2 W POTOMAC 07/08/11 16:09 EST 07/08/11 16:09 EST The Potomac Lighthouse. B MD COUNTY 2.0 E QUANTICO 07/08/11 16:19 EST 07/08/11 16:24 EST Quantico. TERS SURROUNDING BLOODSWOI 07/08/11 18:53 EST 07/08/11 18:53 EST Shops Head.	[38.50, -77.27] RTH ISLAND CO	0 0 0 0 0 0 0 0 0 0	Marine Thunderstorm Wind (MG 44 kt) Source: Mesonet Marine Thunderstorm Wind (MG 38 kt) Source: ASOS HOPS HEAD [38.22, -76.03] Marine Thunderstorm Wind (MG 40 kt) Source: Mesonet

A surface trough remained over the region during the 8th. Moderate instability ahead of the trough caused thunderstorms to develop. A

few thunderstorms produced gusty winds.

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ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC INDIAN HD TO COBB IS		TICO [38.64, -77.20	-	
	07/11/11 19:50 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/11/11 19:50 EST		0	Source: Mesonet
A wind gust of 39 knots was reported at Ma	son Neck.			
TIDAL POTOMAC INDIAN HD TO COBB IS		O [38.50, -77.31]		
	07/11/11 20:07 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/11/11 20:07 EST		0	Source: ASOS
A wind gust of 35 knots was reported at Qu	antico.			
CHESAPEAKE BAY N OF POOLES IS MD		NA [39.54, -76.07]		
	07/11/11 20:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/11/11 20:30 EST		0	Source: Buoy
A wind gust in excess of 30 knots was repo	rted at the Susquehanna Buoy.			
CHESAPEAKE BAY SANDY PT TO N BEA	CH MD COUNTY 0.3 S ANNAPO	DLIS [38.98, -76.48]	1	
	07/11/11 20:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/11/11 20:30 EST		0	Source: Buoy
A wind gust in excess of 30 knots was repo	rted at the Annapolis Buoy.			
CHESAPEAKE BAY N BEACH TO DRUM I	PT MD COUNTY COVE POINT [3	38.43, -76.39]		
	07/11/11 21:06 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/11/11 21:06 EST		0	Source: Buoy
A wind gust of 38 knots was reported at Co		38.43, -76.39]	0	Marine Thunderstorm Wind (EG 34 kt)
	07/11/11 22:00 EST		0	Source: Buoy
A wind gust in excess of 30 knots was repo				
PATUXENT RIVER TO BROOMES ISLAND	07/11/11 22:00 EST	EAKE BIOLOGICAI	-	[38.32, -76.45] Marine Thunderstorm Wind (EG 34 kt)
	07/11/11 22:00 EST		0	Source: Buoy
A wind gust in excess of 30 knots was repo			Ü	Source. Budy
CANCIED COUND AND THE INLAND WAT	TEDO CUEDO UNDINO DI CODOMO	DELLIGI AND COL	INTV 04 NE DI	OLIODO LIFAD (20.00. 70.04)
ANGIER SOUND AND THE INLAND WAT	07/11/11 22:30 EST	IN I I I SLAND COL	JN I Y 0.1 NE BI 0	Marine Thunderstorm Wind (MG 38 kt)
	07/11/11 22:54 EST		0	Source: Mesonet
A wind gust of 38 knots was reported at Bis	hops Head.			
ANGIER SOUND AND THE INLAND WAT	FRS SURROUNDING RI OODSWO	ORTH ISI AND COL	INTY () 1 NE PI	SHOPS HEAD (38.22 -76.04)
ANOIEN GOORD AND THE INLAND WAT	07/11/11 22:41 EST	ATTI IOLAND COL	0	Marine Thunderstorm Wind (MG 34 kt)
	07/11/11 22:41 EST		0	Source: Mesonet
	at Richard Head			
Vind gusts up to 34 knots were measured	at bishops rieau.			

07/13/11 14:02 EST

07/13/11 14:02 EST

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Source: ASOS

Marine Thunderstorm Wind (MG 34 kt)

0

0

CHOOL [38.73, -7 0 0 7] 0 0 76.44] 0 0 0 0 0 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 37 kt) Source: ASOS Marine Thunderstorm Wind (MG 39 kt) Source: Mesonet
0 0 0 7] 0 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 37 kt) Source: ASOS
0 7] 0 0 0 76.44] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 37 kt) Source: ASOS
7] 0 0 0 0 76.44] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 37 kt) Source: ASOS
0 0 0 76.44] 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 37 kt) Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
0 0 0 76.44] 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 37 kt) Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
0 7 6.44] 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 37 kt) Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
7 6.44] 0 0 0 0 0 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 37 kt) Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
0 0 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
0 0 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
0 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
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0 03] 0	Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
0 03] 0	Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
0 03] 0	Source: ASOS Marine Thunderstorm Wind (MG 39 kt)
03] 0	Marine Thunderstorm Wind (MG 39 kt)
0	
0	
0	Source: Mesonet
6.94] 0	Marine Thunderstorm Wind (EG 56 kt)
0	Source: Unknown
-	Source. Officiowif
ac Lighthouse.	
76.95]	
0	Marine Thunderstorm Wind (MG 41 kt)
0	Source: Mesonet
76.83]	
0	Marine Thunderstorm Wind (MG 50 kt)
0	Source: Mesonet
0	Marine Thunderstorm Wind (MG 35 kt)
0	Source: Buoy
76.95]	
0	Marine Thunderstorm Wind (EG 34 kt)
0	Source: Mesonet
	-76.83] 0 0 0

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Deaths &

Property &

Event Type and Details

Date/Time

Location

Injuries Crop Dmg A cold front passed through Maryland on the 13th. Moderate instability ahead of the front combined with the forcing that was associated with the front to trigger showers and thunderstorms. Some thunderstorms were able to mix down gusty winds from aloft. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 N US NAVAL ACADEMY [38.99, -76.49] 07/19/11 15:15 EST Marine Thunderstorm Wind (EG 34 kt) 07/19/11 15:15 EST 0 Source: ASOS A wind gust in excess of 30 knots was reported at Annapolis. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 S ANNAPOLIS [38.98, -76.48] Marine Thunderstorm Wind (MG 45 kt) 07/19/11 15:30 EST 0 07/19/11 15:30 EST 0 Source: Buoy A wind gust of 45 knots was measured at the Annapolis Buoy. PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 1.4 NNE PATUXENT RIVER BUOY [38.41, -76.52] 07/19/11 19:04 EST Marine Thunderstorm Wind (EG 56 kt) 0 07/19/11 19:04 EST Source: Unknown A wind gust around 65 mph was estimated due to thunderstorm wind damage nearby. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 23.9 WNW PINEY POINT [38.31, -76.91] 07/19/11 19:06 EST Marine Thunderstorm Wind (EG 50 kt) 0 07/19/11 19:06 EST Source: Unknown A wind gust 50 knots were estimated due to thunderstorm wind damage nearby. PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 0.2 SSW CHESAPEAKE BIOLOGICAL LABORATORY [38.32, -76.45] Marine Thunderstorm Wind (MG 36 kt) 07/19/11 19:18 EST 07/19/11 19:18 EST 0 Source: Buoy A wind gust of 36 knots was measured at Solomons Island. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.8 SSW PATUXENT RIVER ASOS [38.28, -76.41] 07/19/11 19:25 EST Marine Thunderstorm Wind (EG 34 kt) 07/19/11 19:25 EST 0 Source: ASOS A wind gust in excess of 30 knots was measured at Patuxent River. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 17.9 WNW PINEY POINT [38.24, -76.83] Marine Thunderstorm Wind (MG 44 kt) 07/19/11 19:55 EST 0 07/19/11 20:10 EST Source: Mesonet Wind gusts up to 44 knots were reported at Cobb Point. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT [38.13, -76.53] 07/19/11 20:06 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/19/11 20:06 EST 0 Source: Buoy A wind gust in excess of 30 knots was measured at Piney Point. TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.1 NNE MONROE CREEK [38.23, -76.95] 07/19/11 20:10 EST Marine Thunderstorm Wind (MG 42 kt) 07/19/11 20:25 EST 0 Source: Mesonet Wind gusts up to 42 knots were measured at Monroe Creek. A cold front passed through the area on the 19th. A warm and moist air mass ahead of the boundary caused moderate amounts of instability to develop. The instability combined with forcing from the front to trigger showers and thunderstorms. Some thunderstorms produced gusty winds.

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TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 5.2 SSE WEST POTOMAC HIGH SCHOOL [38.71, -77.04]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/11 18:10 EST	-	0	Marine Thunderstorm Wind (EG 61 kt)
	07/23/11 18:10 EST		0	Source: Unknown
wind gust around 70 mph was estimat	ed due to thunderstorm wind damage	nearby.		
n pressure trough triggered scattered solated thunderstorm to produce gust		ate instability ahea	ad of the pressure	trough caused an
TIDAL POTOMAC COBB IS MD TO SMI		NT LOOKOUT [38.	•	Marine Thursdown Wind (MC 24 ld)
	07/24/11 23:55 EST 07/24/11 23:55 EST		0	Marine Thunderstorm Wind (MG 34 kt) Source: Mesonet
Notice to the Control of Control			· ·	Godfoe. Meddifet
A wind gust of 34 knots was measured a				
A pressure trough triggered scattered winds.	showers and thunderstorms across	the waters. An iso	lated thunderstori	m produced gusty
FIDAL POTOMAC COBB IS MD TO SMI		[38.13, -76.53]		
	07/25/11 16:48 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/25/11 16:48 EST		0	Source: Buoy
A wind gust in excess of 30 knots was m	neasured at Piney Point.			
A cold front stalled to the west of the w	vaters on the 25th. Showers and thui	nderstorms develo	ped along and ah	ead of the front.
Moderate instability due to a warm and			-	
DISTRICT OF COLUMBIA				
DISTRICT OF COLUMBIA				
	-	, -77.04]		The dealers Mr. 1946 FOLD
	07/03/11 17:29 EST	, -77.04]	0	Thunderstorm Wind (MG 50 kt)
	-	, -77.04]	0	Thunderstorm Wind (MG 50 kt) Source: Mesonet
DISTRICT OF COLUMBIA COUNTY 1	07/03/11 17:29 EST 07/03/11 17:29 EST	, -77.04]		•
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured ne	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial.	, -77.04]		•
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured ne	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial.	, -77.04]		Source: Mesonet
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured ne	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial.	, -77.04]	0	•
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured ne	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. 0.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST	, -77.04]	0 5K	Source: Mesonet Thunderstorm Wind (EG 52 kt)
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured ne DISTRICT OF COLUMBIA COUNTY 0 Trees were down along the west lawn of	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. 0.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST	, -77.04]	0 5K	Source: Mesonet Thunderstorm Wind (EG 52 kt)
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not DISTRICT OF COLUMBIA COUNTY 0 Trees were down along the west lawn of A cold front passed through the area demoderate instability to develop. The co	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. 0.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST ithe Capitol. uring the 3rd. A southerly flow ahea ombination of lift associated with the	d of the front caus	5K 0	Source: Mesonet Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not be supported by the country 0 Trees were down along the west lawn of the country area of the country the co	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. 0.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST ithe Capitol. uring the 3rd. A southerly flow ahea ombination of lift associated with the	d of the front caus	5K 0	Source: Mesonet Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not be supported by the country 0 Trees were down along the west lawn of the country area of the country the co	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. 0.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST ithe Capitol. uring the 3rd. A southerly flow ahea embination of lift associated with the vith damaging winds and large hail.	d of the front caus	5K 0 sed enough warm a ity triggered show	Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for eers and thunderstorms.
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not be supported by the country 0 Trees were down along the west lawn of the country area of the country the co	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. 0.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST ithe Capitol. uring the 3rd. A southerly flow ahea embination of lift associated with the vith damaging winds and large hail. 07/11/11 13:52 EST	d of the front caus	5K 0 sed enough warm a ity triggered show	Source: Mesonet Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not be supported by the country 0 Trees were down along the west lawn of the country area of the country the co	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. 0.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST ithe Capitol. uring the 3rd. A southerly flow ahea embination of lift associated with the vith damaging winds and large hail.	d of the front caus	5K 0 sed enough warm a ity triggered show	Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for eers and thunderstorms.
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not be a sure of the columbia county 0 Trees were down along the west lawn of a cold front passed through the area of moderate instability to develop. The columbia come thunderstorms became severe with the columbia columbia. A southerly flow around high pressure	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. D.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST ithe Capitol. Juring the 3rd. A southerly flow ahea embination of lift associated with the with damaging winds and large hail. 07/11/11 13:52 EST 07/11/11 16:52 EST	d of the front caus front and instabil	5K 0 sed enough warm a ity triggered show	Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for ers and thunderstorms. Heat
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not DISTRICT OF COLUMBIA COUNTY 0 Trees were down along the west lawn of A cold front passed through the area of moderate instability to develop. The co Some thunderstorms became severe w (DC-Z001) DISTRICT OF COLUMBIA A southerly flow around high pressure upper-level high pressure nearby caus	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. D.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST ithe Capitol. Juring the 3rd. A southerly flow ahea embination of lift associated with the with damaging winds and large hail. 07/11/11 13:52 EST 07/11/11 16:52 EST	d of the front caus front and instabil	5K 0 sed enough warm a ity triggered show	Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for ers and thunderstorms. Heat
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not be a wind gust of 58 mph was measured not gust of 58 mph was meas	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. D.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST ithe Capitol. Juring the 3rd. A southerly flow ahea embination of lift associated with the with damaging winds and large hail. 07/11/11 13:52 EST 07/11/11 16:52 EST	d of the front caus front and instabil	5K 0 sed enough warm a ity triggered show	Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for ers and thunderstorms. Heat
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not DISTRICT OF COLUMBIA COUNTY 0 Trees were down along the west lawn of A cold front passed through the area of moderate instability to develop. The co Some thunderstorms became severe w (DC-Z001) DISTRICT OF COLUMBIA A southerly flow around high pressure upper-level high pressure nearby caus	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. D.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST The Capitol. Juring the 3rd. A southerly flow ahea ombination of lift associated with the with damaging winds and large hail. 07/11/11 13:52 EST 07/11/11 16:52 EST Over the Atlantic caused humid coned hot conditions. Heat indices in expenses.	d of the front caus front and instabil	5K 0 sed enough warm a sity triggered show 0 0 0 h. Strong subsider	Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for ers and thunderstorms. Heat
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not DISTRICT OF COLUMBIA COUNTY 0 Trees were down along the west lawn of A cold front passed through the area d moderate instability to develop. The co Some thunderstorms became severe w (DC-Z001) DISTRICT OF COLUMBIA A southerly flow around high pressure upper-level high pressure nearby caus (DC-Z001) DISTRICT OF COLUMBIA Upper-level high pressure provided en caused moist air to move into the region	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. D.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST The Capitol. Buring the 3rd. A southerly flow ahea ombination of lift associated with the rith damaging winds and large hail. 07/11/11 13:52 EST 07/11/11 16:52 EST over the Atlantic caused humid coned hot conditions. Heat indices in expense of the condition of the conditio	d of the front caus front and instabil ditions on the 11th ccess of 105 degree	5K 0 sed enough warm a sity triggered show 0 0 h. Strong subsider ses were recorded. 0 0 0 Surface high pres	Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for rers and thunderstorms. Heat Lexcessive Heat Excessive Heat
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured not be a color of the columbia country 0 Trees were down along the west lawn of a cold front passed through the area of moderate instability to develop. The color of the color o	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. D.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST The Capitol. Buring the 3rd. A southerly flow ahea ombination of lift associated with the rith damaging winds and large hail. 07/11/11 13:52 EST 07/11/11 16:52 EST over the Atlantic caused humid coned hot conditions. Heat indices in expense of the condition of the conditio	d of the front caus front and instabil ditions on the 11th ccess of 105 degree	5K 0 sed enough warm a sity triggered show 0 0 h. Strong subsider ses were recorded. 0 0 0 Surface high pres	Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for rers and thunderstorms. Heat Lexcessive Heat Excessive Heat
DISTRICT OF COLUMBIA COUNTY 1 A wind gust of 58 mph was measured ne	07/03/11 17:29 EST 07/03/11 17:29 EST ear the Lincoln Memorial. D.8 NE US CAPITOL [38.89, -77.01] 07/03/11 17:30 EST 07/03/11 17:30 EST The Capitol. Buring the 3rd. A southerly flow ahea ombination of lift associated with the rith damaging winds and large hail. 07/11/11 13:52 EST 07/11/11 16:52 EST over the Atlantic caused humid coned hot conditions. Heat indices in expense of the condition of the conditio	d of the front caus front and instabil ditions on the 11th ccess of 105 degree	5K 0 sed enough warm a sity triggered show 0 0 h. Strong subsider ses were recorded. 0 0 0 Surface high pres	Thunderstorm Wind (EG 52 kt) Source: NWS Employee and moist air for rers and thunderstorms. Heat Lexcessive Heat Excessive Heat

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Strong upper-level high pressure built over to move into the region from the south. Stro temperatures over 100 degrees. The combin	ng subsidence underneath the	upper-level high o	caused extremely	hot conditions with air
(DC-Z001) DISTRICT OF COLUMBIA				
,	07/29/11 11:00 EST		0	Heat
	07/29/11 17:00 EST		0	
Upper-level high pressure provided enough over the Atlantic caused humid conditions. afternoon hours.			-	<u> </u>
MARYLAND, Central				
WASHINGTON COUNTY 0.7 WMW 4000	[30 72 _78 11]			
WASHINGTON COUNTY 0.7 WNW HOOD	[39.72, -78.11] 07/03/11 14:20 EST		0	Hail (1.00 in)
	07/03/11 14:20 EST		0	Source: Unknown
Quarter sized hail was reported.				
· 				
HOWARD COUNTY 1.9 SSW ILCHESTER			=14	TI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	07/03/11 17:11 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/03/11 17:11 EST		0	Source: Public
Many hardwood trees were uprooted and limb	s were snapped in thunderstorm	winds.		
PRINCE GEORGE'S COUNTY 0.9 SE SEA	T PLEASANT [38.87, -76.89]			
	07/03/11 17:36 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/03/11 17:36 EST		0	Source: State Official
Trees were knocked down causing traffic acci	dents and delays.			
PRINCE GEORGE'S COUNTY 1.5 NNE BR	OWN [38.87, -76.79]			
	07/03/11 17:41 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/03/11 17:41 EST		0	Source: State Official
Trees were down near the intersection of Blox	cham Court and Flkestone Way.			
A cold front passed through the area during moderate instability to develop. The combin Some thunderstorms became severe with de	ation of lift associated with the		=	
BALTIMORE COUNTY 1.3 NNE DUNDALK	= = = = = = = = = = = = = = = = = = = =			
	07/07/11 17:10 EST		0	Hail (1.00 in)
	07/07/11 17:10 EST		0	Source: Trained Spotter
Quarter sized hail was reported near Dundalk				
BALTIMORE COUNTY 0.9 E DUNDALK [3	· · ·			
	07/07/11 17:25 EST		3K	Thunderstorm Wind (EG 56 kt)
	07/07/11 17:25 EST		0	Source: Trained Spotter
Six trees between four and ten inches in diam	eter were down along Merrit Bou	ılevard.		
BALTIMORE COUNTY 1.0 S ESSEX [39.31	1, -76.48]			
-	07/07/11 17:27 EST		0	Hail (1.00 in)
	07/07/11 17:27 EST		0	Source: Public
Quarter sized hail was reported near Essex.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE COUNTY 0.9 NNE DUNDALK [39.28, -76.51]			
	07/07/11 17:28 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/07/11 17:28 EST		0	Source: Trained Spotter
A large tree that was three feet in diameter was	knocked down.			
BALTIMORE COUNTY 1.1 SSE DUNDALK [3	_			
	07/07/11 17:33 EST		0.10M	Thunderstorm Wind (EG 66 kt)
	07/07/11 17:33 EST		0	Source: Trained Spotter
Roofs were partially taken off of several units in	an Apartment Complex along t	he intersection of	Mornington Road a	nd Meadow Way.
BALTIMORE COUNTY 1.1 SSE DUNDALK [3				
	07/07/11 17:33 EST		15K	Thunderstorm Wind (EG 56 kt)
	07/07/11 17:33 EST		0	Source: Trained Spotter
A tree that was one foot in diameter fell onto a h	ouse near the intersection of S	ollers Point Road	and Mornington Ro	ad.
BALTIMORE COUNTY 0.9 E DUNDALK [39.2	· •			
	07/07/11 17:35 EST		0	Hail (1.00 in)
	07/07/11 17:35 EST		0	Source: Trained Spotter
Quarter sized hail was reported near Dundalk.				
BALTIMORE COUNTY 1.5 SSW TURNER [39	9.21, -76.53]			
	07/07/11 17:40 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/07/11 17:40 EST		0	Source: Trained Spotter
Multiple trees that were three to four feet in diam		limbs were also do	own.	
WASHINGTON COUNTY 1.1 WSW GARRET	TS MILL [39.36, -77.70] 07/07/11 18:30 EST		40K	Thunderstorm Wind (EG 66 kt)
	07/07/11 18:30 EST		0	Source: Public
Trees were uprooted or snapped and large limbs	s were also down. Trees fell on	to a house and a	vehicle.	
BALTIMORE COUNTY 0.7 NNE BALTIMORE	HIGHLANDS [39.24, -76.64]			
	07/07/11 18:54 EST		75K	Thunderstorm Wind (EG 61 kt)
	07/07/11 18:54 EST		0	Source: Trained Spotter
Roofs were blown off town homes in Catawba C	court.			
ANNE ARUNDEL COUNTY 0.4 SSW NORTH	LINTHICUM [39.21, -76.65]			
	07/07/11 19:20 EST		15K	Thunderstorm Wind (EG 61 kt)
	07/07/11 19:20 EST		0	Source: Trained Spotter
Roof damage was reported to apartment building	gs.			
BALTIMORE COUNTY 2.3 NE CRONHARDT	[39.45, -76.69]			
	07/07/11 22:56 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/07/11 22:56 EST		0	Source: Trained Spotter
arge tree limbs were down along Falls Road.				
	2, -76.65]			
BALTIMORE COUNTY 0.9 S SPARKS [39.52	2, - 76.65] 07/07/11 22:58 EST		1K	Thunderstorm Wind (EG 56 kt)
3ALTIMORE COUNTY 0.9 S SPARKS [39.52			1K 0	Thunderstorm Wind (EG 56 kt) Source: Fire Department/Rescue
BALTIMORE COUNTY 0.9 S SPARKS [39.52 A tree fell onto wires along the 2300 block of We	07/07/11 22:58 EST 07/07/11 22:58 EST			

BALTIMORE COUNTY --- 0.3 SE BROOKLANDVILLE [39.42, -76.67]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/07/11 23:13 EST	,	3K	Thunderstorm Wind (EG 56 kt)
	07/07/11 23:13 EST		0	Source: Fire Department/Rescue
fultiple trees were down due to thunder	storm winds.			
mid-level trough of low pressure rem tlantic ushered in plenty of warm and noderate amounts of instability to dev rinds and large hail.	moist air. the combination of warm	and moist air at th	e surface along w	rith cooler air aloft caused
SALTIMORE COUNTY 0.7 S ESSEX	[39.31, -76.48], 0.9 SSE ESSEX [39.31	, -76.48], 1.0 S ES	SEX [39.31, -76.48	i], 1.0 S ESSEX [39.31, -76.48]
	07/07/11 17:20 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 19:00 EST		0	Source: Trained Spotter
Up to 6 inches of water was flooding acroneasured near this location.	oss Eastern Avenue between Wiltshire	e and Mace Avenu	es. Rainfall Rates o	of up to one inch per hour were
BALTIMORE COUNTY 0.9 NE WHITE	E MARSH [39.39, -76.42], 1.1 NW LOR	ELEY [39.39, -76.4	1], 0.9 NW LOREL	.EY [39.39, -76.41], 0.9 NE WHITE
MARSH [39.39, -76.42]	07/07/11 17:35 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 17:33 EST		0	Source: Department of Highways
Route 40 was closed near Stevens Road			-	
BALTIMORE COUNTY 1.8 SSW LUT HILL [39.30, -76.53], 1.6 N ST HELENA		IILL [39.30, -76.54]	, 1.5 SW LUTZ HIL	LL [39.30, -76.54], 1.6 SSW LUTZ
	07/07/11 17:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 19:00 EST		0	Source: State Official
lorth Point Road was flooded between I				
BALTIMORE COUNTY 2.5 WSW TUR 76.56]	RNER [39.21, -76.56], 2.3 SW TURNER	R [39.21, -76.55], 2.	6 SW TURNER [39	9.21, -76.56], 2.8 SW TURNER [39.21,
	07/07/11 17:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 19:00 EST		0	Source: State Official
Portions of Quarantine Road were flood	ed.			
BALTIMORE COUNTY 0.7 S ST HEL	ENA [39.26, -76.53], 0.3 SSE ST HELE	ENA [39.27, -76.53]	, 0.8 S DUNDALK	[39.26, -76.52], 0.9 SSE ST HELENA
39.26, -76.53]	07/07/11 18:00 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 20:00 EST		0	Source: State Official
A swift water rescue was performed on I				
PALTIMODE COLINTY OF METUDIN	ED 120 24 76 541 4 4 NE TUDNED 12	0 24 76 541 4 4 8	INE TUDNED 130 2	04 76 541 4 4 NNE TUDNED (20 24
BALTIMORE COUNTY 0.9 NE TURNI 76.51]	LIN 100.27, -10.01], 1.1 NE TURNER [3	۰.۲ ۰. ۲۰۰۰ ا	TORNER [39.2	, -, v.o ij, i. i mae 100men [55.24,
	07/07/11 18:00 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 20:00 EST		0	Source: State Official
A swift water rescue was performed at the	ne intersection of North Avondale Road	d and Sellers Point	Road.	
BALTIMORE COUNTY 1.8 ENE DUN	DALK [39.28, -76.49], 1.6 ENE DUNDA	ALK [39.28, -76.49]	, 1.6 ENE DUNDA	LK [39.28, -76.49], 1.7 ENE DUNDALK
39.28, -76.49]	07/07/14 10 00 707		•	Florib Florid (do. 1. U B. 1.)
	07/07/11 18:00 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 20:00 EST		0	Source: State Official
A swift water rescue was performed at the	ne intersection of North Point Road and	d German Hill Roa	d.	
BALTIMORE COUNTY ST HELENA [39.27, -76.53], 0.1 NE ST HELENA [39).27, -76.53], 0.1 E	SE ST HELENA [3	9.27, -76.53], 0.1 S ST HELENA [39.27,
76.53]	07/07/11 18:00 EST		0	Flash Flood (due to Heavy Rain)
	07/07/14 00 00 507			

07/07/11 20:00 EST

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Source: State Official

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
swift water rescue was performed on Dunda	alk Avenue.			
NNE ARUNDEL COUNTY 0.7 N FOREMA 39.18, -76.56], 0.8 NNW FOREMAN CORNEF	=	4 N FOREMAN CO	RNERS [39.19, -76	6.55], 0.4 NW FOREMAN CORNERS
55.16, -76.56], 6.5 NINV I OKLIMAN GOKNE	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: State Official
he intersection of Fort Smallwood Road and	Hawkins Point Road was closed	d due to flash floodi	ng.	
ALTIMODE CITY (C) COUNTY A 7 W CAL	MDEN (20.20, 70.04), 0.5 MCW	CAMPEN (20.20	70 041 0 5 ENE M	FIMILIANO 190 OT TO CALLO E NIE MT
ALTIMORE CITY (C) COUNTY 0.7 W CAI /INANS [39.28, -76.64]	WIDEN [39.26, -76.64], U.S WSW	CAMDEN [39.26, -	76.64], U.S ENE WI	WINANS [39.27, -76.64], U.S NE WI
	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: Fire Department/Rescue
ntersection of Washington Blvd and Monroe S	Street was closed due to flash flo	ooding.		
SALTIMORE COUNTY 0.7 N BALTIMORE	HIGHLANDS [39.24, -76.65], 1.0	NNE BALTIMORE	E HIGHLANDS [39.	.24, -76.64], 1.0 N BALTIMORE
IIGHLANDS [39.24, -76.65], 1.0 N BALTIMOI			• • •	-
	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: State Official
swift water rescue was performed at the inte	ersection of Myrtle and Tulip Ave	enues.		
SALTIMORE COUNTY 0.9 SE HALETHOR	PE [39.24, -76.69], 0.9 E RELAY	′ [39.23, -76.68], 1.	0 ENE RELAY [39.	23, -76.68], 1.0 NE RELAY [39.24,
76.69]	07/07/44 40 45 507			5. 1.5. 1/1 1.11 5.11
	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: State Official
swift water rescue was performed on Haltho	orpe Avenue.			
SALTIMORE COUNTY 1.3 ENE BALTIMOI	RE HIGHLANDS [39.24, -76.63],	1.5 NE BALTIMOF	RE HIGHLANDS [3	9.24, -76.63], 1.4 NE BALTIMORE
IIGHLANDS [39.24, -76.63], 1.3 NE BALTIMO	=]		
	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: State Official
ntersection of West Patapsco Avenue and Ma	armenco Court was closed due t	o flash flooding.		
SALTIMORE COUNTY 1.3 NW SPARROW	S PT [39.28, -76.60], 1.3 NW SP	ARROWS PT [39.2	28, -76.60], 1.3 NW	SPARROWS PT [39.28, -76.60], 1.4
IW SPARROWS PT [39.28, -76.60]	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: State Official
	07/07/11 21:00 E31		U	Source. State Official
ntersection of Fleet and South Caroline Stree	ets were closed due to flash flood	ling.		
ALTIMORE COUNTY 1.4 NW SPARROW W SPARROWS PT [39.28, -76.60]	S PT [39.28, -76.60], 1.3 NW SP	ARROWS PT [39.2	28, -76.60], 1.2 NW	SPARROWS PT [39.28, -76.60], 1.3
J. Alakotto I I [00.20, -10.00]	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: State Official
ntersection of Aliceanna and Caroline Streets	s closed due to flash flooding			
Residential of Americanna and Calonne Streets	o o o o o o o o o o o o o o o o o o o			
BALTIMORE COUNTY 2.1 NNE BALTIMOI 39.27, -76.63], 2.0 NNE BALTIMORE HIGHL/	=	2.7 N BALTIMORE	E HIGHLANDS [39.	27, -76.64], 2.8 W SPARROWS PT
	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: State Official
Vaterview Avenue was closed due to flash flo	ooding at its intersection with Inte	erstate 95.		
BALTIMORE COUNTY 2.1 SW SPARROW	S PT [39.25, -76.61], 2.2 ENE B	ALTIMORE HIGHL	ANDS [39.25, -76.6	31], 2.3 NE BALTIMORE HIGHLANDS
39.25, -76.62], 2.2 WSW SPARROWS PT [39	. 25, -76.62] 07/07/11 19:45 EST		0	Flach Flood (due to Heavy Pain)
	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)

07/07/11 21:00 EST

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Source: State Official

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Portion of South Hanover Street was clos	sed due to flooding.			
BALTIMORE COUNTY 2.7 W SPARRO	OWS PT [39.27, -76.63], 2.6 W SPAR	ROWS PT [39.27, -	76.63], 2.5 W SPA	RROWS PT [39.27, -76.63], 2.6 W
SPARROWS PT [39.27, -76.63]	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: State Official
Flooding on Haines Street.				
BALTIMORE COUNTY 2.8 N BALTIMO	ORE HIGHLANDS [39.2776.65], 3.0	N BALTIMORE H	GHLANDS [39.27.	-76.651. 2.9 N BALTIMORE
HIGHLANDS [39.27, -76.64], 2.7 N BALTI	=		,	,, ,
	07/07/11 19:45 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 21:00 EST		0	Source: State Official
Washington Blvd. was closed at Interstate	e 95 due to flash flooding.			
BALTIMORE COUNTY 2.1 NE HALETI	HORPE [39.27, -76.67], 1.8 NE HALE	THORPE [39.27, -	76.67], 1.9 NE HAL	ETHORPE [39.27, -76.67], 2.2 NE
HALETHORPE [39.27, -76.67]	07/07/44 00:00 FOT		0	Floor Floor (due to Hosses Baile)
	07/07/11 20:00 EST		0	Flash Flood (due to Heavy Rain)
	07/07/11 22:00 EST		0	Source: Public
Benson Avenue was closed at South Gra	ntley Street due to flash flooding.			
BALTIMORE COUNTY 0.7 S HUNT VL	Y [39.49, -76.65], 0.7 SE HUNT VLY	[39.49, -76.64], 0.5	SE HUNT VLY [39	9.49, -76.64], 0.5 S HUNT VLY [39.49,
-76.65]	07/07/11 23:45 EST		0	Flood (due to Heavy Pain)
	07/08/11 01:00 EST		0	Flash Flood (due to Heavy Rain) Source: State Official
Flash flooding forced closure of Ashland a	and York Roads intersection.			
BALTIMORE COUNTY 0.7 S HUNT VL		SVILLE [39.49, -76	.65], 0.4 NE COCK	EYSVILLE [39.48, -76.65], 0.5 NNE
BALTIMORE COUNTY 0.7 S HUNT VL		SVILLE [39.49, -76	.65], 0.4 NE COCK	EYSVILLE [39.48, -76.65], 0.5 NNE Flash Flood (due to Heavy Rain)
BALTIMORE COUNTY 0.7 S HUNT VL	Y [39.49, -76.65], 0.5 NNE COCKEYS	SVILLE [39.49, -76		-
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64]	07/08/11 00:00 EST 07/08/11 01:00 EST		0	Flash Flood (due to Heavy Rain)
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the	07/08/11 00:00 EST 07/08/11 01:00 EST 07/08/11 O1:00 EST e intersection of York Road and Beav	er Run Lane.	0	Flash Flood (due to Heavy Rain) Source: State Official
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the	07/08/11 00:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav	er Run Lane.	0 0 , 1.8 SE ASHLAND	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47,
Flash flooding forced closure of Ashland a BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the BALTIMORE COUNTY 1.0 WNW ORE -76.67]	07/08/11 00:00 EST 07/08/11 01:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav GON [39.50, -76.70], 0.4 NNW PHOE	er Run Lane.	0 0 , 1.8 SE ASHLAND	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47, Flash Flood (due to Heavy Rain)
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the	07/08/11 00:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav	er Run Lane.	0 0 , 1.8 SE ASHLAND	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47,
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the BALTIMORE COUNTY 1.0 WNW ORE76.67]	07/08/11 00:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav GON [39.50, -76.70], 0.4 NNW PHOE 07/08/11 00:00 EST 07/08/11 01:00 EST	er Run Lane. NIX [39.53, -76.62]	0 0 , 1.8 SE ASHLAND	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47, Flash Flood (due to Heavy Rain)
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the BALTIMORE COUNTY 1.0 WNW ORE76.67] Multiple roadways were reported closed of	07/08/11 00:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav GON [39.50, -76.70], 0.4 NNW PHOE 07/08/11 00:00 EST 07/08/11 01:00 EST	er Run Lane. NIX [39.53, -76.62] ckeysville.	0 0 , 1.8 SE ASHLAND 0 0	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47, Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the BALTIMORE COUNTY 1.0 WNW ORE76.67] Multiple roadways were reported closed of	07/08/11 00:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav GON [39.50, -76.70], 0.4 NNW PHOE 07/08/11 00:00 EST 07/08/11 01:00 EST	er Run Lane. NIX [39.53, -76.62] ckeysville.	0 0 , 1.8 SE ASHLAND 0 0	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47, Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the	07/08/11 00:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav GON [39.50, -76.70], 0.4 NNW PHOE 07/08/11 00:00 EST 07/08/11 01:00 EST due to flash flooding in and around Co	er Run Lane. NIX [39.53, -76.62] ckeysville.	0 0 , 1.8 SE ASHLAND 0 0	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47, Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the BALTIMORE COUNTY 1.0 WNW ORE76.67] Multiple roadways were reported closed of	O7/08/11 00:00 EST 07/08/11 01:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav GON [39.50, -76.70], 0.4 NNW PHOE 07/08/11 00:00 EST 07/08/11 01:00 EST due to flash flooding in and around Co	er Run Lane. NIX [39.53, -76.62] ckeysville.	0 0 , 1.8 SE ASHLAND 0 0	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47, Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the BALTIMORE COUNTY 1.0 WNW ORE -76.67] Multiple roadways were reported closed of FREDERICK COUNTY 0.7 N FREDERI [39.41, -77.43] Many major roadways throughout the city	O7/08/11 00:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav GON [39.50, -76.70], 0.4 NNW PHOE 07/08/11 00:00 EST 07/08/11 01:00 EST due to flash flooding in and around Co ICK [39.43, -77.42], 0.7 SSE FT DETE 07/08/11 14:25 EST 07/08/11 16:00 EST	er Run Lane. NIX [39.53, -76.62] ckeysville. RICK [39.42, -77.40	0 0 , 1.8 SE ASHLAND 0 0 0	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47, Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue E [39.41, -77.40], 1.1 SSW FREDERICK Flash Flood (due to Heavy Rain) Source: Emergency Manager
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the BALTIMORE COUNTY 1.0 WNW ORE -76.67] Multiple roadways were reported closed of FREDERICK COUNTY 0.7 N FREDERI [39.41, -77.43] Many major roadways throughout the city HOWARD COUNTY 1.5 SSW SAVAGE	O7/08/11 00:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav GON [39.50, -76.70], 0.4 NNW PHOE 07/08/11 00:00 EST 07/08/11 01:00 EST due to flash flooding in and around Co ICK [39.43, -77.42], 0.7 SSE FT DETE 07/08/11 14:25 EST 07/08/11 16:00 EST of Frederick were flooded.	er Run Lane. NIX [39.53, -76.62] ckeysville. RICK [39.42, -77.40	0 0 , 1.8 SE ASHLAND 0 0 0 1], 1.1 WNW GROV 0 0	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47, Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue E [39.41, -77.40], 1.1 SSW FREDERICK Flash Flood (due to Heavy Rain) Source: Emergency Manager
BALTIMORE COUNTY 0.7 S HUNT VL COCKEYSVILLE [39.49, -76.64] A swift water rescue was performed at the BALTIMORE COUNTY 1.0 WNW ORE76.67] Multiple roadways were reported closed of	O7/08/11 00:00 EST 07/08/11 01:00 EST e intersection of York Road and Beav GON [39.50, -76.70], 0.4 NNW PHOE 07/08/11 00:00 EST 07/08/11 01:00 EST due to flash flooding in and around Co ICK [39.43, -77.42], 0.7 SSE FT DETE 07/08/11 14:25 EST 07/08/11 16:00 EST	er Run Lane. NIX [39.53, -76.62] ckeysville. RICK [39.42, -77.40	0 0 , 1.8 SE ASHLAND 0 0 0	Flash Flood (due to Heavy Rain) Source: State Official D [39.48, -76.61], 1.1 W TEXAS [39.47, Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue E [39.41, -77.40], 1.1 SSW FREDERICK Flash Flood (due to Heavy Rain) Source: Emergency Manager

ANNE ARUNDEL COUNTY --- 0.8 ESE GREEN HAVEN [39.13, -76.54], 0.8 NW JACOBSVILLE [39.13, -76.53], 0.8 WNW JACOBSVILLE [39.13, -76.53], 0.8

ESE GREEN HAVEN [39.13, -76.54]

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/08/11 15:45 EST		0	Flash Flood (due to Heavy Rain)
	07/08/11 17:00 EST		0	Source: COOP Observer
Mountain Road was closed due to flash floo	oding at intersection with Tick Neck	Road. A nearby ra	ain gage measured	2.80 inches.
HARFORD COUNTY 0.7 S VAN BIBBER	R [39.44, -76.30], 1.0 S VAN BIBBEI	R [39.44, -76.30], 1	.0 N EDGEWOOD	[39.43, -76.30], 0.9 SSW VAN BIBBER
[39.44, -76.31]	07/08/11 15:45 EST		0	Flash Flood (due to Heavy Rain)
	07/08/11 17:00 EST		0	Source: Emergency Manager
A vehicle was stranded in floodwaters at the	e intersection of Routes 24 and 40.	A nearby rain gag	je measured 2.20 ii	nches.
ANNE ARUNDEL COUNTY 0.4 NNE JAC	COBSVILLE [39.13, -76.52], 1.1 NN	W LAKE SHR [39.	11, -76.49], 0.4 NW	LAKE SHR [39.10, -76.48], 0.2 S
JACOBSVILLE [39.12, -76.52]				
	07/08/11 15:50 EST		0	Flood (due to Heavy Rain)
	07/08/11 17:00 EST		0	Source: COOP Observer
Several inches of water were covering vario	ous sections of Mountain Road. A r	nearby rain gage m	easured 0.81 inche	es.
BALTIMORE COUNTY 1.8 ENE DUNDA	LK [39.28, -76.49], 2.0 ENE DUNDA	ALK [39.28, -76.49]	, 1.9 ENE DUNDAL	K [39.28, -76.49], 1.8 ENE DUNDALK
[39.28, -76.49]	07/08/11 16:00 EST		0	Flash Flood (due to Heavy Rain)
	07/08/11 17:00 EST		0	Source: Emergency Manager
The intersection of North Point Blvd. and No	orris Lane was closed due to overflo	owing creek. A nea	arby spotter measu	red 1.72 inches of rain.
PRINCE GEORGE'S COUNTY 1.5 SSW 1.2 S UPPER MARLBORO [38.80, -76.75]	UPPER MARLBORO [38.80, -76.76	i], 1.4 NE CROOM	E [38.80, -76.76], 1.	4 S UPPER MARLBORO [38.80, -76.75],
	07/08/11 16:19 EST		0	Flash Flood (due to Heavy Rain)
	07/08/11 18:00 EST		0	Source: Department of Highways
Route 301 and Chew Road was closed due	to flash flooding. A nearby spotter	measured 1.14 in	ches of rain.	
				ST ANNAPOLIS [38.98, -76.51], 0.8 ESE
ANNE ARUNDEL COUNTY ANNAPOLIS	6 [38.97, -76.50], 0.3 ESE WEST AN	INAPOLIS [38.98,	-76.49], U.8 W WES	
		INAPOLIS [38.98,	-	
	07/08/11 16:30 EST	INAPOLIS [38.98,	0	Flash Flood (due to Heavy Rain)
		INAPOLIS [38.98,	-	
PAROLE [38.98, -76.52]	07/08/11 16:30 EST 07/08/11 18:00 EST	-	0	Flash Flood (due to Heavy Rain)
PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash floo	oding.	0	Flash Flood (due to Heavy Rain) Source: Emergency Manager
PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash floo /EN [39.13, -76.55], 0.3 E GREEN H	oding.	0 0 54], 0.3 SE GREEN	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN
PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash floo /EN [39.13, -76.55], 0.3 E GREEN F	oding.	0 0 .54], 0.3 SE GREEN	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN Flood (due to Heavy Rain)
PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV HAVEN [39.13, -76.55]	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash floo /EN [39.13, -76.55], 0.3 E GREEN F 07/08/11 16:32 EST 07/08/11 18:00 EST	oding. HAVEN [39.13, -76.	0 0 54], 0.3 SE GREEN	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN
PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV HAVEN [39.13, -76.55] Mountain Road at Catherine Avenue was flo	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash floo /EN [39.13, -76.55], 0.3 E GREEN F 07/08/11 16:32 EST 07/08/11 18:00 EST	oding. HAVEN [39.13, -76.	0 0 54], 0.3 SE GREEN 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN Flood (due to Heavy Rain) Source: COOP Observer
PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV HAVEN [39.13, -76.55] Mountain Road at Catherine Avenue was flo	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash flood /EN [39.13, -76.55], 0.3 E GREEN F 07/08/11 16:32 EST 07/08/11 18:00 EST cooded by about one foot of standing	oding. HAVEN [39.13, -76.	0 0 54], 0.3 SE GREEN 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN Flood (due to Heavy Rain) Source: COOP Observer
PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV HAVEN [39.13, -76.55] Mountain Road at Catherine Avenue was flo	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash floo /EN [39.13, -76.55], 0.3 E GREEN F 07/08/11 16:32 EST 07/08/11 18:00 EST	oding. HAVEN [39.13, -76.	0 0 54], 0.3 SE GREEN 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN Flood (due to Heavy Rain) Source: COOP Observer
PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV HAVEN [39.13, -76.55] Mountain Road at Catherine Avenue was floor	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash flood /EN [39.13, -76.55], 0.3 E GREEN H 07/08/11 16:32 EST 07/08/11 18:00 EST coded by about one foot of standing 07/08/11 17:15 EST 07/08/11 17:15 EST	ding. HAVEN [39.13, -76. g water. 5, -76.80], 0.3 ESE	0 0 54], 0.3 SE GREEN 0 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN Flood (due to Heavy Rain) Source: COOP Observer 5.80], 0.2 S DULEY [38.75, -76.80] Flash Flood (due to Heavy Rain)
PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV HAVEN [39.13, -76.55] Mountain Road at Catherine Avenue was floor	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash flood /EN [39.13, -76.55], 0.3 E GREEN H 07/08/11 16:32 EST 07/08/11 18:00 EST coded by about one foot of standing 07/08/11 17:15 EST 07/08/11 17:15 EST	ding. HAVEN [39.13, -76. g water. 5, -76.80], 0.3 ESE	0 0 54], 0.3 SE GREEN 0 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN Flood (due to Heavy Rain) Source: COOP Observer 5.80], 0.2 S DULEY [38.75, -76.80] Flash Flood (due to Heavy Rain)
ANNE ARUNDEL COUNTY ANNAPOLIS PAROLE [38.98, -76.52] Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV HAVEN [39.13, -76.55] Mountain Road at Catherine Avenue was flo PRINCE GEORGE'S COUNTY DULEY [3] A swift water rescue was performed at the in A nearly stationary low pressure trough e thunderstorms across northern Maryland, rainfall rates of over 1 inch per hour occur	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash flood /EN [39.13, -76.55], 0.3 E GREEN H 07/08/11 16:32 EST 07/08/11 18:00 EST coded by about one foot of standing 88.75, -76.80], 0.2 NE DULEY [38.75, 07/08/11 17:15 EST 07/08/11 19:00 EST Intersection of Duley Station Road at a sisting in a moist and unstable at the Slow storm movement caused file.	ding. HAVEN [39.13, -76. g water. 5, -76.80], 0.3 ESE and Wallace Lane. mosphere aided in lash flooding acro	0 0 54], 0.3 SE GREEN 0 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN Flood (due to Heavy Rain) Source: COOP Observer 5.80], 0.2 S DULEY [38.75, -76.80] Flash Flood (due to Heavy Rain) Source: Emergency Manager of showers and
Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV HAVEN [39.13, -76.55] Mountain Road at Catherine Avenue was for PRINCE GEORGE'S COUNTY DULEY [3] A swift water rescue was performed at the in A nearly stationary low pressure trough ethunderstorms across northern Maryland. rainfall rates of over 1 inch per hour occur	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash flood /EN [39.13, -76.55], 0.3 E GREEN F 07/08/11 16:32 EST 07/08/11 18:00 EST coded by about one foot of standing 38.75, -76.80], 0.2 NE DULEY [38.75, 07/08/11 17:15 EST 07/08/11 19:00 EST Intersection of Duley Station Road at a sisting in a moist and unstable at its Slow storm movement caused firred. Rainfall totals reached as his	ding. HAVEN [39.13, -76. g water. 5, -76.80], 0.3 ESE and Wallace Lane. mosphere aided in lash flooding acro	0 0 54], 0.3 SE GREEN 0 0 0 DULEY [38.75, -76 0 0 n the development ss the Baltimore natgomery County.	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN Flood (due to Heavy Rain) Source: COOP Observer 1.80], 0.2 S DULEY [38.75, -76.80] Flash Flood (due to Heavy Rain) Source: Emergency Manager of showers and metropolitan area as
Intersection of St. Stephens Road and Rout ANNE ARUNDEL COUNTY GREEN HAV HAVEN [39.13, -76.55] Mountain Road at Catherine Avenue was floor PRINCE GEORGE'S COUNTY DULEY [3] A swift water rescue was performed at the in A nearly stationary low pressure trough ethunderstorms across northern Maryland.	07/08/11 16:30 EST 07/08/11 18:00 EST te 450 were closed due to flash flood /EN [39.13, -76.55], 0.3 E GREEN F 07/08/11 16:32 EST 07/08/11 18:00 EST coded by about one foot of standing 38.75, -76.80], 0.2 NE DULEY [38.75, 07/08/11 17:15 EST 07/08/11 19:00 EST Intersection of Duley Station Road at a sisting in a moist and unstable at its Slow storm movement caused firred. Rainfall totals reached as his	ding. HAVEN [39.13, -76. g water. 5, -76.80], 0.3 ESE and Wallace Lane. mosphere aided in lash flooding acro	0 0 54], 0.3 SE GREEN 0 0 0	Flash Flood (due to Heavy Rain) Source: Emergency Manager N HAVEN [39.13, -76.55], 0.2 S GREEN Flood (due to Heavy Rain) Source: COOP Observer 5.80], 0.2 S DULEY [38.75, -76.80] Flash Flood (due to Heavy Rain) Source: Emergency Manager of showers and

Small trees were down in the town of California.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ST. MARY'S COUNTY 0.5 ESE HOLLYWOOD	D [38.35, -76.57]			
	07/08/11 17:34 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/08/11 17:34 EST		0	Source: Fire Department/Rescue
Small trees were down in Hollywood.				
A surface trough remained over the region dur few thunderstorms became severe due to the i	-	ility ahead of the t	rough caused thur	nderstorms to develop. A
MD-Z502) CENTRAL AND EASTERN ALLEGA	NY			
	07/09/11 02:05 EST		0	Dense Fog
	07/09/11 07:38 EST		0	
Surface high pressure built overhead during the amounts of low-level moisture to produce area		=	-	nds combined with high
MD-Z007) HARFORD, (MD-Z011) SOUTHERN I	BALTIMORE			
	07/11/11 14:34 EST		0	Heat
	07/11/11 18:54 EST		0	
eastern Maryland. FREDERICK COUNTY 1.8 WSW LANTZ [39.6	66, -77.48] 07/11/11 17:53 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/11/11 17:53 EST		0	Source: State Official
A tree fell onto Foxville Deerfield Road. FREDERICK COUNTY 0.6 WSW GARFIELD	130 CO 77 EA1			
REDERIOR GOORTT 0.0 WOW GARTIELD	07/11/11 18:05 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/11/11 18:05 EST		0	Source: State Official
a tree was down on Brandenburg Hollow Road.				
REDERICK COUNTY 1.4 N UTICA [39.55, -7	77.40]			
	07/11/11 18:14 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/11/11 18:14 EST		0	Source: State Official
Two trees were down on Angleberger Road.				
FREDERICK COUNTY 0.3 E UTICA [39.53, -7	77.39]			
	07/11/11 18:15 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/11/11 18:15 EST		0	Source: State Official
A tree was down on Utica Mills Circle.				
REDERICK COUNTY 0.9 SSW UTICA [39.52	2, -77.40]			
	07/11/11 18:15 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/11/11 18:15 EST		0	Source: State Official
A tree was down on Old Frederick Road.				
FREDERICK COUNTY 1 2 SE LITICA 139 52	-77.381			
REDERICK COUNTY 1.2 SE UTICA [39.52,	-77.38] 07/11/11 18:15 EST		1K	Thunderstorm Wind (EG 52 kt)
REDERICK COUNTY 1.2 SE UTICA [39.52,	=		1K 0	Thunderstorm Wind (EG 52 kt) Source: State Official
FREDERICK COUNTY 1.2 SE UTICA [39.52, A tree was down on Lenhart Road.	07/11/11 18:15 EST			

CARROLL COUNTY --- 1.1 SE BRIDGEPORT [39.67, -77.20]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/11/11 18:24 EST		15K	Thunderstorm Wind (EG 61 kt)
	07/11/11 18:24 EST		0	Source: Emergency Manager
A barn was toppled by thunderstorm winds.				
CARROLL COUNTY 0.8 S TANEYTOWN [39.66,				
	07/11/11 18:26 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/11/11 18:26 EST		0	Source: Emergency Manager
A large tree was toppled.				
CARROLL COUNTY 0.9 NE BRIDGEPORT [39.6	- · · ·		0014	T
	07/11/11 18:33 EST		20K	Thunderstorm Wind (EG 61 kt)
	07/11/11 18:33 EST		0	Source: Emergency Manager
Trees were down along Baptist Road. Power Poles	were snapped and a barn of	collapsed.		
CARROLL COUNTY 3.1 N PIPE CREEK MILL [3	· -			
	07/11/11 18:36 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/11/11 18:36 EST		0	Source: Trained Spotter
Several large trees were down.				
CARROLL COUNTY 0.8 NNE SILVER RUN [39.0				
·	07/11/11 18:38 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/11/11 18:38 EST		0	Source: Emergency Manager
Several large trees were toppled near Silver run.				
FREDERICK COUNTY 2.4 SW SAMS CREEK [3	9.4877.131			
THE BERNOT GOOD TO THE ON GAME ON ELLINGS	07/11/11 18:45 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/11/11 18:45 EST		0	Source: State Official
A tree was down on Barnes Road.				
FREDERICK COUNTY 2.8 NNE UNIONVILLE [3:	9.52, -77.16]			
-	07/11/11 18:45 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/11/11 18:45 EST		0	Source: State Official
Trees were down along McKinstry Mill Road.				
MONTGOMERY COUNTY 0.3 SSE POOLESVILI	LE [39.15, -77 42]			
	07/11/11 18:50 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/11/11 18:50 EST		0	Source: State Official
Multiple trees were down on the Poolesville area.				
MONTGOMERY COUNTY 0.7 SE GERMANTOW	/N [39.1777.27]			
	07/11/11 18:54 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/11/11 18:54 EST		0	Source: State Official
Multiple trees were down in the Germantown area.				
HOWARD COUNTY OF MINE HIGH AND 199 40	76 961			
HOWARD COUNTY 0.9 NNE HIGHLAND [39.19,	, -7 6.96] 07/11/11 19:17 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/11/11 19:17 EST		0	Source: State Official
A tree was down at Prestwick Drive and Highland.				
HOWARD COUNTY 0.9 ENE SCAGGSVILLE [39	9. 15, -76.89] 07/11/11 19:25 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/11/11 19:25 EST		0	Source: State Official
	01/11/11 18.25 EST		U	Jourde. State Omold!

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
tree fell onto power lines on Belgaro Road	1.			
IOWARD COUNTY 1.0 E SCAGGSVILL	E [39.15, -76.88]			
	07/11/11 19:26 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/11/11 19:26 EST		0	Source: State Official
A tree fell onto power lines on Graeloch Roa	ad.			
BALTIMORE COUNTY 0.6 ESE OAKLEI	GH [39.40, -76.54]			
	07/11/11 19:55 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/11/11 19:55 EST		0	Source: State Official
Scattered trees were down.				
CHARLES COUNTY 0.9 WNW POMFRE	Γ [38.59, -77.05]			
	07/11/11 20:00 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/11/11 20:00 EST		0	Source: State Official
Trees were down in the vicinity of Pomfret R	Road and Brierwood Road.			
HARFORD COUNTY 0.3 W PERRYMAN	[39.4776.21]			
The state of the s	07/11/11 20:09 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/11/11 20:09 EST		0	Source: Emergency Manager
Trees were down at Perryman.				
HARFORD COUNTY 0.7 NNW DARLING	= = = = = = = = = = = = = = = = = = = =		EV	Thundaratorm Wind (EC 52 kt)
	07/11/11 20:14 EST 07/11/11 20:14 EST		5K 0	Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
For any company of Destination	07/11/11 20:14 E31		U	Source. Emergency Manager
Trees were down at Darlington.				
CALVERT COUNTY 1.1 W MUTUAL [38.	•			
	07/11/11 20:52 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/11/11 20:52 EST		0	Source: State Official
A tree was down near the intersection of Cra	ane and Hence Road.			
CALVERT COUNTY 0.5 NW ST LEONAR	RD [38.47, -76.51]			
	07/11/11 20:54 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/11/11 20:54 EST		0	Source: State Official
A tree was down on St. Leonard Road and F	Parkers Creek Road.			
An upper-level disturbance passed throug place. The combination of forcing from the showers and thunderstorms. Thunderstor	e upper-level disturbance along v	vith high amounts		
MONTGOMERY COUNTY 1.5 NNE CLOP	PPER [39.17, -77.22], 1.1 NNE CLO	OPPER [39.16, -77.	23], 1.2 N CLOPPE	ER [39.17, -77.23], 1.4 ESE
MIDDLEBROOK [39.17, -77.23]	07/12/1/			F F
	07/13/11 14:00 EST		0	Flash Flood (due to Heavy Rain)
	07/13/11 15:00 EST		0	Source: Public
Game Preserve Road was closed due to hig	gh water.			
CHARLES COUNTY 0.7 S LA PLATA [38	3.52, -76.98], 0.7 SSE LA PLATA [38.52, -76.98], 0.5	SSE LA PLATA [38	3.52, -76.98], 0.5 S LA PLATA
38.52, -76.98]			_	
	07/13/11 15:20 EST		0	Flash Flood (due to Heavy Rain)
	07/13/11 17:00 EST		0	Source: Trained Spotter

Saint Marys Avenue was closed due to high water. A nearby rain gage measured 1.75 inches.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHARLES COUNTY 1.8 WSW WHITE PLA	INS [38.57, -76.98], 1.9 WSW WH	IITE PLAINS [38.5	57, -76.98], 2.0 WS\	W WHITE PLAINS [38.56, -76.98], 1.9
WSW WHITE PLAINS [38.57, -76.98]	07/13/11 15:20 EST		0	Flash Flood (due to Heavy Rain)
	07/13/11 17:00 EST		0	Source: Trained Spotter
Washington Avenue was closed due to flash f	looding. A nearby rain gage reco	rded 1.50 inches.		
Showers and thunderstorms developed alor rates prompted flash flooding in a few locati	=		-	-
CHARLES COUNTY 0.2 SSW POMFRET [38.58, -77.03]			
	07/13/11 15:10 EST		0	Thunderstorm Wind (EG 52 kt)
	07/13/11 15:10 EST		0	Source: State Official
Multiple trees were down.				
CHARLES COUNTY 0.6 ENE LA PLATA [3	8.53, -76.97]			
	07/13/11 15:15 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/13/11 15:15 EST		0	Source: Trained Spotter
Numerous trees were down around La Plata.				
CHARLES COUNTY 0.8 SW IRONSIDES [3	38.49, -77.16]			
	07/13/11 15:15 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/13/11 15:15 EST		0	Source: Trained Spotter
Several trees were down around Ironsides.				
CHARLES COUNTY 0.3 SW NEWBURG [3	8.3876.951			
	07/13/11 15:39 EST		2K	Thunderstorm Wind (EG 56 kt)
	07/13/11 15:39 EST		0	Source: State Official
Multiple trees were down around Newburg.				
CHARLES COUNTY 0.8 WSW NEWBURG	CLIFFTON ARP [38.36, -76.98]			
	07/13/11 15:39 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/13/11 15:39 EST		0	Source: Fire Department/Rescue
An 18 Wheeler was blown over near the US 3	01 Bridge.			
ST. MARY'S COUNTY 0.2 NW BUDDS CRI	EEK [38.40, -76.83]			
	07/13/11 15:39 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/13/11 15:39 EST		0	Source: State Official
A tree was down near the intersection of Budo	ls Creek Road and Thompsons C	orner Road.		
A cold front passed through Maryland on th with the front to trigger showers and thunde				_
ANNE ARUNDEL COUNTY 0.2 NNW REVE				
	07/19/11 15:15 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/11 15:15 EST		0	Source: Trained Spotter
A large branch fell across a drive way in Seve	rna Park.			
WASHINGTON COUNTY 0.9 NE BAKERS\	/ILLE [39.53, -77.74]			
	07/19/11 17:02 EST		40K	Thunderstorm Wind (EG 61 kt)
	07/19/11 17:02 EST		0	Source: Newspaper

A big tree was snapped off about twenty feet above the ground. Thirty to forty trees were uprooted and a Hay Wagon was blown over. A large tree also

fell onto a garage.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WASHINGTON COUNTY 2.1 N KEE	 EDYSVILLE [39.51, -77.70]			
	07/19/11 17:05 EST		3K	Thunderstorm Wind (EG 56 kt)
	07/19/11 17:05 EST		0	Source: Emergency Manager
fultiple reports of trees were down bet	tween State Highway 65 and Route 40.			
ALVERT COUNTY 0.4 E WALLVIL				
	07/19/11 19:04 EST		20K	Thunderstorm Wind (EG 56 kt)
	07/19/11 19:04 EST		0	Source: Emergency Manager
roof was blown off a barn and there v	were multiple downed trees.			
ALVERT COUNTY 1.1 E WALLVIL	LLE [38.42, -76.50]			
	07/19/11 19:04 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/19/11 19:04 EST		0	Source: Emergency Manager
tree fell near Garrity road.				
T. MARY'S COUNTY 2.0 SSE SOT				
	07/19/11 19:06 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/19/11 19:06 EST		0	Source: Trained Spotter
ops of pine trees were sheared off ab	oout ten to fifteen feet above ground. A tre	ee that was twenty	inches in diameter	was twisted.
T. MARY'S COUNTY 2.4 SSE SOT				
	07/19/11 19:06 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	07/19/11 19:06 EST		0	Source: Trained Spotter
lumerous tree branches were down.				
ST. MARY'S COUNTY 0.3 NNE LNF	RDTWN ST MARYS ARP [38.32, -76.55]			
	07/19/11 19:10 EST		3K	Thunderstorm Wind (EG 61 kt)
	07/19/11 19:10 EST		0	Source: Trained Spotter
several trees were down near the inter	rsection of Clarkes Landing Road and ME	O Route 235.		
T. MARY'S COUNTY 1.5 NE HOLL	 LYWOOD [38.37, -76.56]			
	07/19/11 19:10 EST		3K	Thunderstorm Wind (EG 61 kt)
	07/19/11 19:10 EST		0	Source: Trained Spotter
fultiple large trees were down.				
T. MARY'S COUNTY 1.8 ENE LNR	RDTWN ST MARYS ARP [38.33, -76.52]			
	07/19/11 19:10 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/19/11 19:10 EST		0	Source: Emergency Manager
bout twenty to thirty trees were down	around the Hollywood area.			
A cold front passed through the area instability to develop. The instability	around the Hollywood area. on the 19th. A warm and moist air mas combined with forcing from the front to		-	
nstability to develop. The instability produced damaging wind gusts. MD-Z004) FREDERICK, (MD-Z005) CA	on the 19th. A warm and moist air mas combined with forcing from the front to ARROLL, (MD-Z006) NORTHERN BALTIRY'S, (MD-Z502) C	trigger showers MORE, (MD-Z009	and thunderstorm) MONTGOMERY, (STERN ALLEGAN	s. Some thunderstorms (MD-Z010) HOWARD, (MD-Z014)
A cold front passed through the area nstability to develop. The instability produced damaging wind gusts. MD-Z004) FREDERICK, (MD-Z005) CA	on the 19th. A warm and moist air mas combined with forcing from the front to ARROLL, (MD-Z006) NORTHERN BALTI	trigger showers MORE, (MD-Z009	and thunderstorm) MONTGOMERY, (S. Some thunderstorms (MD-Z010) HOWARD, (MD-Z014) Y

07/21/11 12:00 EST

07/21/11 18:00 EST

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Excessive Heat

0

0

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

Upper-level high pressure provided enough subsidence to cause hot conditions on the 21st. Surface high pressure over the Atlantic caused moist air to move into the region from the south. The combination of the heat and humidity caused heat indices over 110 degrees in some locations.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

07/22/11 09:00 EST 2 0 Excessive Heat

07/22/11 19:00 EST 0

Direct Fatalities: F????, M????

Strong upper-level high pressure built over the region during the 22nd. Surface high pressure over the Atlantic Ocean caused moist air to move into the region from the south. Strong subsidence underneath the upper-level high caused extremely hot conditions with air temperatures over 100 degrees. The combination of the heat and high humidity caused heat indices to soar up to as high as 120 degrees. The worst conditions were across eastern Maryland where the humidity was highest.

Numerous reports of heat-related illnesses were were received by State Health Authorities on the 22nd.

WASHINGTON COUNTY 2.1 SW DRY RUN [39.70, -77.91]			
07/22/11 13:16 EST	2K	Thunderstorm Wind (EG 56 kt)	
07/22/11 13:16 EST	0	Source: State Official	
Frees were down along Mercersburg Road.			
WASHINGTON COUNTY 0.4 NE MC COYS [39.63, -77.97]			
07/22/11 13:38 EST	2K	Thunderstorm Wind (EG 56 kt)	
07/22/11 13:38 EST	0	Source: State Official	
Trees were down near the intersection of Boyd Road and Big Pool Road.			
WASHINGTON COUNTY 0.4 WSW LINCOLN AVENUE [39.62, -77.78]			
07/22/11 13:45 EST	5K	Thunderstorm Wind (EG 61 kt)	
07/22/11 13:45 EST	0	Source: State Official	
Trees and road signs were down near Hickory High School Road and Virginia Avenue.			
WASHINGTON COUNTY 0.2 WNW FIDDLESBURG [39.67, -77.70]			
07/22/11 13:48 EST	3K	Thunderstorm Wind (EG 56 kt)	
07/22/11 13:48 EST	0	Source: State Official	
Numerous trees were down along Cathedral Avenue.			
WASHINGTON COUNTY 0.3 SE HAGERSTOWN [39.65, -77.72]			
07/22/11 13:48 EST	1K	Thunderstorm Wind (EG 61 kt)	
07/22/11 13:48 EST	0	Source: State Official	
A tree was down on George Street.			
WASHINGTON COUNTY 0.5 W HAGERSTOWN [39.65, -77.73]			
07/22/11 13:48 EST	0	Thunderstorm Wind (EG 52 kt)	
07/22/11 13:48 EST	0	Source: State Official	
A stadium lights tower was blown over into the Hagerstown Suns Stadium.			
A statutum lights tower was blown over linto the magerstown ours statutum.			
WASHINGTON COUNTY 1.8 S LINCOLN AVENUE [39.59, -77.77]			
	1K	Thunderstorm Wind (EG 52 kt)	

A tree was down on Rench Road.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WASHINGTON COUNTY 0.2 NNE HAGER				
	07/22/11 13:49 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/22/11 13:49 EST		0	Source: Trained Spotter
.arge branches and one tree were down on [Dual Highway Route 40 and Easte	ern Boulevard.		
WASHINGTON COUNTY 0.8 NE CORBET				
	07/22/11 13:49 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/22/11 13:49 EST		0	Source: State Official
A tree was down on National Pike at Beaver	Creek Road.			
WASHINGTON COUNTY 3.9 W DOWNSV	ILLE [39.56, -77.87]			
	07/22/11 13:51 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/22/11 13:51 EST		0	Source: Fire Department/Rescue
Numerous trees were down across the county	y.			
NASHINGTON COUNTY 1.3 WNW WAGN	IERS XRDS [39.57, -77.67]			
	07/22/11 14:04 EST		0.50K	Thunderstorm Wind (EG 40 kt)
	07/22/11 14:04 EST		0	Source: State Official
A small tree was down on Cool Hallow Road.				
FREDERICK COUNTY 1.2 NE ELLERTON	[39.54, -77.53]			
	07/22/11 14:26 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/22/11 14:26 EST		0	Source: Fire Department/Rescue
A couple of trees were down along Route 17	near Meetinghouse Road.			
A hot and humid air mass in place caused h thunderstorms. The high amounts of instab	= -			gered showers and
(MD-Z007) HARFORD, (MD-Z011) SOUTHER	N BALTIMORE			
(07/23/11 14:00 EST		0	Excessive Heat
	07/23/11 17:00 EST		0	
Strong upper-level high pressure combined northeastern Maryland.	d with humid conditions to produ	uce heat indices a	round 110 degree	s across portions of
PRINCE GEORGE'S COUNTY 1.1 SSE FT			31/	Thunderstorm Wind (EC 64 L4)
	07/23/11 18:10 EST 07/23/11 18:10 EST		3K 0	Thunderstorm Wind (EG 61 kt) Source: Fire Department/Rescue
Frees were snapped and uprooted along King			O	Source. Fire Department/Rescue
DRINGE OF ORGER OF WITH A STATE OF	OVEEN 100 00 -7-00			
PRINCE GEORGE'S COUNTY 0.9 N ACC	OKEEK [38.68, -77.03] 07/23/11 18:55 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/23/11 18:55 EST		0	Source: Trained Spotter
Tree damage was reported near Accokeek.				
A pressure trough triggered scattered show thunderstorms to produce damaging wind		ate instability ahe	ad of the pressure	trough caused isolated
(MD-Z007) HARFORD, (MD-Z011) SOUTHER	N BALTIMORE, (MD-Z014) ANN	E ARUNDEL, (MD	-Z017) ST. MARY'S	S, (MD-Z018) CALVERT
	07/24/11 11:00 EST		0	Heat

Strong upper-level high pressure combined with humid conditions to produce heat indices in excess of 105 degrees across portions of eastern Maryland.

07/24/11 16:00 EST

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0

BALTIMORE CITY (C) COUNTY 0.9 SE WOODBERRY (39.34, -74.86) 0772011 13.22 EST 0 Source: Fire Department/Resource A free was knocked down on Green Spring mad. BALTIMORE CITY (C) COUNTY 0.8 W ROLAND PARK (39.27, -74.86) 0772011 13.30 EST 0 Source: Fire Department/Resource BALTIMORE CITY (C) COUNTY 0.8 W ROLAND PARK (39.27, -74.86) 0772011 13.30 EST 0 Source: Fire Department/Resource A free was knocked down at Bellemore Road. A couple of free limbs were down Narwood Road and Sands Road. A couple of free limbs were down Narwood Road and Sands Road. A couple of free limbs were down Narwood Road and Sands Road. A lines was down on Roule 2. ST. MARY'S COUNTY 0.8 ENE MT ZION (38.49, -76.81) 0772011 15.02 EST 1 K Thunderstorm Wind (EG 50 Nt) 0772011 15.10 EST 0 Source: Fire Department/Resource Three were down across Roule 6 near Roule 2.5. ST. MARY'S COUNTY 18 SW GOLDEN BEACH (38.46, -76.89) 0772011 15.10 EST 1 K Thunderstorm Wind (EG 50 Nt) 0772011 15.10 EST 1 K Thunderstorm Wind (EG 50 Nt) 0772011 15.10 EST 1 K Thunderstorm Wind (EG 50 Nt) 0772011 15.10 EST 1 K Thunderstorm Wind (EG 50 Nt) 0772011 15.10 EST 0 Source: Fire Department/Resource Three were down across Roule 6 near Roule 235. A cold front stalled over the area on the 25th. Showers and thunderstorms developed along and ahead of the front. Moderate instability due to a warm and humid air mass caused some thunderstorms to produce damaging wind gusts. BALTIMORE COUNTY 0.5 SW HERNWOOD (38.37, -76.87), -76.89), 0.7 SSW HERNWOOD (39.37, -76.87), -1.1 NNW RANTE (39.36, -76.89) 0 772011 15.00 EST 0 Source: State Collicial A call was awarm and humid air mass caused some thunderstorms developed along and ahead of the front. Moderate instability due to teavy Rain) 0 772011 15.00 EST 0 Source: State Collicial A call was awarm and humid air mass caused some t	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was knocked down on Green Spring road. A tree was knocked down on Green Spring road. A tree was knocked down at Bellemore Road. A couple of tree limbs were down Harwood Road and Sands Road. A couple of tree limbs were down Harwood Road and Sands Road. A couple of tree limbs were down Harwood Road and Sands Road. A couple of tree limbs were down Harwood Road and Sands Road. A tree was down on Route 2. BT. MARY'S COUNTY — 0.5 ENE MT ZION [38.33, -76.61] O7725/11 15.02 EST 1 K Thundsentorm Wind (EG 50 kt) O7725/11 15.02 EST 0 Source: Fire Department/Rescue BT. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.69] O7725/11 15.10 EST 0 Source: Fire Department/Rescue Trees were down across Route 6 near Route 238. A cold front salled over the area on the 28th. Showers and thunderstorms developed along and ahead of the front. Moderate instability due to a warm and hund aid mass caused some thunderstorms to produce damaging wind gusts. BALTIMORE COUNTY — 0.8 SW HERNWOOD [39.37, -76.87], 0.9 SSW HERNWOOD [39.37, -76.87], 1.1 NNW BRANTE [33.36, -76.89] O7725/11 15.50 EST 0 Source: Slate Official A coad footed near the intersection of Marriotsville Road and Wards Chaple Road due to flash flooding. A nearby rain gage measured 1.61 inches. BALTIMORE COUNTY — 0.6 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.87], 2.1 N WOODSTOCK [39.36, -76.97], 2.1 N WOODSTOCK [39.36, -76.97], 2.1 N WOODSTOCK [39.36,	BALTIMORE CITY (C) COUNTY 0.9 SE V				
A tree was knocked down on Green Spring road. SALTIMORE CITY (C) COUNTY — 0.8 W ROLAND PARK (39.37, 76.58) O7.2511 13.30 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 13.30 EST 0 Source: Fire Department/Rescue A tree was knocked down at Bellemore Read. NNNE ARUNDEL COUNTY — 2.8 WNW HARWOOD (38.88, 76.67) O7.2511 14.65 EST 0 Thunderstorm Wind (EG 50 kt) O7.2511 14.65 EST 0 Source: Public A couple of free limits were down Harwood Road and Sands Road. NNNE ARUNDEL COUNTY — 0.5 ENE MT ZION (38.89, 76.61) O7.2511 15.02 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.02 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.02 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.02 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.02 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.00 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.10 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.00 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.00 EST 1K Thunderstorm Wind (EG 50 kt) O7.2511 15.00 EST 0 Source: Fire Department/Rescue NAME ARANDOR COUNTY — 0.9 SW HERNWOOD (39.37, 76.83), 0.7 SSW HERNWOOD (39.37, 76.87), 0.9 SSW HERNWOOD (39.37, 76.87), 1.1 NWW ORANTE (39.36, 76.83) O7.2511 15.00 EST 0 Source: State Official NAME ARANDOR COUNTY — 0.5 EN HARRISONVILLE (39.36, 76.87), 2.1 N WOODSTOCK (39.36, 76.87), 2.2 N WOODS					· · ·
ALTMORE CITY (C) COUNTY — 0.8 W ROLAND PARK [39.37, -76.65] 07725/11 13:30 EST 0725/11 13:30 EST 1K Thunderstorm Wind (EG 50 kt) 0725/11 13:30 EST 0 Source: Fire Department/Resoue Interes was knocked down at Beliemore Road. INNE ARUNDEL COUNTY — 2.8 WNW HARWOOD [38.89, -76.67] 0725/11 14:55 EST 0 Source: Public Thunderstorm Wind (EG 50 kt) 07725/11 14:50 EST 0 Source: Fire Department/Resoue Interes was down on Route 2. IT. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.69] 07725/11 15:10 EST 07725/11 15:10 EST 1K Thunderstorm Wind (EG 50 kt) 07725/11 15:10 EST 0 Source: Fire Department/Resoue Interest were down across Route 6 near Route 235. I				0	Source: Fire Department/Rescue
O725/11 13:30 EST 1K Thunderstorm Wind (EG 50 kt) O725/11 13:30 EST 0 Source: Fire Department/Rescue It ree was knocked down at Bellemore Road. INNE ARUNDEL COUNTY 2.8 WWW HARWOOD [38.89, -76.87] O725/11 14:55 EST 0 Source: Public O725/11 14:55 EST 0 Source: Public O725/11 15:02 EST 1 Thunderstorm Wind (EG 50 kt) O725/11 15:02 EST 1 K Thunderstorm Wind (EG 50 kt) O725/11 15:02 EST 1 K Thunderstorm Wind (EG 50 kt) O725/11 15:02 EST 1 K Thunderstorm Wind (EG 50 kt) O725/11 15:02 EST 1 K Thunderstorm Wind (EG 50 kt) O725/11 15:02 EST 1 K Thunderstorm Wind (EG 50 kt) O725/11 15:02 EST 1 K Thunderstorm Wind (EG 50 kt) O725/11 15:02 EST 1 K Thunderstorm Wind (EG 50 kt) O725/11 15:02 EST 1 K Thunderstorm Wind (EG 50 kt) O725/11 15:00 EST 0 Source: Fire Department/Rescue Trees were down across Route 8 near Route 235. Cold front stalled over the area on the 25th. Showers and thunderstorms developed along and ahead of the front. Moderate instability us to a warm and humid air mass caused some thunderstorms to produce damaging wind guets. ALTIMORE COUNTY 0.9 SW HERNWOOD [39.37, -76.88], 0.7 SSW HERNWOOD [39.37, -76.87], 1.1 NNW RANTE [39.36, -76.80] O725/11 15:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 15:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 15:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 15:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to Heavy Rain) O725/11 16:30 EST 0 Flash Flood (due to He	tree was knocked down on Green Spring i	road.			
tree was knocked down at Bellemore Road. INNE ARUNDEL COUNTY 2.8 WNW HARWOOD [38.98, -76.87] OT725/11 1.655 EST OT725/11 1.650 EST OT725/11	BALTIMORE CITY (C) COUNTY 0.8 W RO			11/	Thundaratorm Wind (EC 50 kt)
tree was knocked down at Bellemore Road. INNE ARUNDEL COUNTY 2.8 WWW HARWOOD [38.89, 76.67] 07/25/11 14.55 EST 0 Source: Public Couple of tree limbs were down Harwood Road and Sands Road. INNE ARUNDEL COUNTY 0.5 ENE MT ZION [38.83, 76.61] 07/25/11 15.02 EST 1K Thunderstorm Wind (EG 50 kl) 07/25/11 15.02 EST 1K Thunderstorm Wind (EG 50 kl) 07/25/11 15.02 EST 0 Source: Fire Department/Rescue IT. MARY'S COUNTY 1.8 SW GOLDEN BEACH [38.46, 76.69] 07/25/11 15.10 EST 0 Source: Fire Department/Rescue IT. MARY'S COUNTY 1.8 SW GOLDEN BEACH [38.46, 76.69] 07/25/11 15.10 EST 0 Source: Fire Department/Rescue IT. Will be source: Fire Department/Rescue IT. Will be source: Fire Department/Rescue IT. MARY'S COUNTY 0.8 SW HERNOOD [39.37, 76.89], 0.7 SSW HERNOOD [39.37, 76.87], 0.9 SSW HERNOOD [39.37, 76.87], 1.1 NNW IT. Will be source: Fire Department/Rescue IT. MARY'S COUNTY 0.8 SW HERNOOD [39.37, 76.88], 0.7 SSW HERNOOD [39.37, 76.87], 0.9 SSW HERNOOD [39.37, 76.87], 1.1 NNW IT. WILL THORE COUNTY 0.8 SW HERNOOD [39.37, 76.88], 0.7 SSW HERNOOD [39.37, 76.87], 0.9 SSW HERNOOD [39.37, 76.87], 1.1 NNW IT. WILL THORE COUNTY 0.5 EHARRISONVILLE [39.38, 76.82], 0.4 ENE HARRISONVILLE [39.38, 76.82], 0.4 ENE HA					, ,
INNE ARUNDEL COUNTY — 2.8 WWW HARWOOD [38.89, -76.67] 07/25/11 14.55 EST 0 Source: Public A couple of tree limbs were down Harwood Road and Sands Road. NINE ARUNDEL COUNTY — 0.5 ENE MT ZION [38.83, -76.67] 07/25/11 15.02 EST 0 Source: Fire Department/Rescue A tree was down on Route 2. 17. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.48, -76.89] 07/25/11 15.02 EST 1 K Thunderstorm Wind (EG 50 kt) 07/25/11 15.02 EST 1 K Thunderstorm Wind (EG 50 kt) 07/25/11 15.02 EST 0 Source: Fire Department/Rescue 17. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.48, -76.89] 07/25/11 15.10 EST 0 Source: Fire Department/Rescue 18. Cold front stalled over the area on the 25th. Showers and thunderstorms developed along and ahead of the front. Moderate instability use to a warm and hundled air mass caused some thunderstorms to produce damaging wind gusts. 18. LITHORE COUNTY — 0.9 SW HERNWOOD [39.37, -76.89], 0.7 SSW HERNWOOD [39.37, -76.87], 0.9 SSW HERNWOOD [39.37, -76.87], 1.1 NNW 18. RANTIE [39.36, -76.89] 07/25/11 15.30 EST 0 Flash Flood (due to Heavy Rain) 18. CALTIMORE COUNTY — 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILL	tree was kneeked down at Pollomers Dee			U	Source. Fire Department/Rescue
O7725/11 14:55 EST 0 Thunderstorm Wind (EG 50 kt) O7725/11 14:55 EST 0 Source: Public Couple of free limbs were down Harvood Road and Sands Road. COUPLE OF THE MIT ZION [38.83, -76.81] O7725/11 15:02 EST 1K Thunderstorm Wind (EG 50 kt) O7725/11 15:02 EST 0 Source: Fire Department/Rescue At the was down on Route 2. IT, MARY'S COUNTY 1.8 SW GOLDEN BEACH [38.46, -76.69] O7725/11 15:10 EST 1K Thunderstorm Wind (EG 50 kt) O7725/11 15:10 EST 0 Source: Fire Department/Rescue Tees were down across Route 6 near Route 225. A cold front stalled over the area on the 25th. Showers and thunderstorms developed along and ahead of the front. Moderate instability tue to a warm and humid air mass caused some thunderstorms to produce damaging wind gusts. ALALTIMORE COUNTY 0.9 SW HERNWOOD [39.37, -76.81], 0.7 SSW HERNWOOD [39.37, -76.87], 0.9 SSW HERNWOOD [39.37, -76.87], 1.1 NNW RRANTE [39.38, -76.89] O7725/11 15:30 EST 0 Flash Flood (due to Heavy Rain) O7725/11 15:30 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Source: State Official AND Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Source: State Official AND Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Source: State Official AND Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Source: State Official AND Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 EST 0 Flash Flood (due to Heavy Rain) O7725/11 16:00 E	tiree was knocked down at Bellemore Roa	a.			
Couple of tree limbs were down Harvood Road and Sands Road. INNE ARUNDEL COUNTY 0.5 ENEMT ZION [38.83, -76.81] O77.25/11 15:02 EST OFFICIAL ORDITY 0.5 E HARRISONVILLE [38.36, -76.82], 0.4 ENE HARRISONVILLE [38.36, -76.82], 0.3 ENE HARRISONVILLE [38.36, -76.82], 0.4 ENE HARRISONVI	NNE ARUNDEL COUNTY 2.8 WNW HA	• •		0	Thundaratorm Wind (EC 50 kt)
Couple of tree limbs were down Harwood Road and Sands Road. INNE ARUNDEL COUNTY 0.5 ENE MT ZION [38.83, -76.81] O7725/11 15:02 EST OSource: Fire Department/Rescue Active was down on Route 2. IT. MARY'S COUNTY 1.8 SW GOLDEN BEACH [38.46, -76.89] O7725/11 15:10 EST OSource: Fire Department/Rescue Tess were down across Route 6 near Route 235. Acold front stalled over the area on the 28th. Showers and thunderstorms developed along and ahead of the front. Moderate instability lue to a warm and humid air mass caused some thunderstorms to produce damaging wind gusts. ALTIMORE COUNTY 0.9 SW HERNWOOD [39.37, -76.88], 0.7 SSW HERNWOOD [39.37, -76.87], 0.9 SSW HERNWOOD [39.37, -76.87], 1.1 NNW SRANITE [39.36, -76.88] O7725/11 15:30 EST OSource: State Official Acad closed near the intersection of Marriottsville Road and Wards Chapel Road due to flash flooding. A nearby rain gage measured 1.61 inches. ALTIMORE COUNTY 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.7 SSU HERNWOOD [39.37, -76.97], 2.1 N WOODSTOCK [39.36, -76.97], 2.2 N WOODSTOCK [39.36, -76.97], 2.2 N WOODSTOCK [39					· · ·
INNE ARUNDEL COUNTY 0.5 ENE MT ZION [38.83, -76.61] 07725/11 15:02 EST 1K Thunderstorm Wind (EG 50 kt) 0725/11 15:02 EST 1K Thunderstorm Wind (EG 50 kt) 0725/11 15:02 EST 1K Thunderstorm Wind (EG 50 kt) 0725/11 15:02 EST 1K Thunderstorm Wind (EG 50 kt) 0725/11 15:10 EST 1K Thunderstorm Wind (EG 50 kt) 0725/11 15:10 EST 0 Source: Fire Department/Rescue rees were down across Route 6 near Route 235. 1c. cold front stalled over the area on the 25th. Showers and thunderstorms developed along and ahead of the front. Moderate instability 1c. cold front stalled over the area on the 25th. Showers and thunderstorms to produce damaging wind guets. 1ALTIMORE COUNTY 0.9 SW HERNWOOD [39.37, -76.88], 0.7 SSW HERNWOOD [39.37, -76.87], 0.9 SSW HERNWOOD [39.37, -76.87], 1.1 NNW 1RANITE [39.36, -76.88] 07725/11 15:30 EST 0 Flash Flood (due to Heavy Rain) 07725/11 15:30 EST 0 Source: State Official 1coad closed near the intersection of Marriottsville Road and Wards Chapel Road due to flash flooding. A nearby rain gage measured 1.61 inches. 1ALTIMORE COUNTY 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [3	couple of tree limbs were down Harwood I			U	Source. Fublic
1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 07725/11 15:02 EST 0 Source: Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 07725/11 15:10 EST 0 Source: Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 07725/11 15:10 EST 1 K Thunderstorm Wind (EG 50 kt) 07725/11 15:10 EST 0 Source: Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 07725/11 15:10 EST 1 K Thunderstorm Wind (EG 50 kt) 07725/11 15:10 EST 0 Source: Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. T. SURTH [38.46, -76.87] 0. Source: Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Source: Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Source: Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Source: Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 1. T. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.68] 0. Fire Department/Rescue 0. Source: State Official 0. Source: State Official 0. Source: Stat	todapio of tido ilinibo word down flarwood i	Toda and Canas road.			
A tree was down on Route 2. IT. MARY'S COUNTY — 1.8 SW GOLDEN BEACH [38.46, -76.69] 07/25/11 15:10 EST 07/25/11 15:10 EST 1K Thunderstorm Wind (EG 50 kt) 07/25/11 15:10 EST 0 Source: Fire Department/Rescue Trees were down across Route 6 near Route 235. IX. Cold front stalled over the area on the 25th. Showers and thunderstorms developed along and ahead of the front. Moderate instability Use to a warm and hunid air mass caused some thunderstorms to produce damaging wind gusts. IALTIMORE COUNTY — 0.9 SW HERNWOOD [39.37, -76.88], 0.7 SSW HERNWOOD [39.37, -76.87], 0.9 SSW HERNWOOD [39.37, -76.87], 1.1 NNW IRRANTE [39.36, -76.88] 07/25/11 15:30 EST 0 Flash Flood (due to Heavy Rain) 07/25/11 15:30 EST 0 Source: State Official Road closed near the intersection of Marriottsville Road and Wards Chapel Road due to flash flooding. A nearby rain gage measured 1.61 inches. IALTIMORE COUNTY — 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENERRISONVILLE [39.38, -76.82] 0.7 Elash Flood (due to Heavy Rain) 07/25/11 16:00 EST 0 Source: State Official Versa near intersection of Liberty Road and Marriottsville Road experienced flash flooding. A nearby rain gage measured 1.59 inches. IOWARD COUNTY — 2.1 N WOODSTOCK [39.36, -76.97], 2.1 N WOODSTOCK [39.36, -76.97], 2.2 N WOODSTOCK [39.36, -76.97], 2.9 N W	NNE ARUNDEL COUNTY 0.5 ENE MT 2			1K	Thunderstorm Wind (EG 50 kt)
At tree was down on Route 2. ST. MARY'S COUNTY 1.8 SW GOLDEN BEACH [38.46, -76.89] 07725/11 15:10 EST 07725/11 15:10 EST 1K Thunderstorm Wind (EG 50 kt) 07725/11 15:10 EST 0 Source: Fire Department/Rescue Trees were down across Route 6 near Route 235. Acold front stalled over the area on the 25th. Showers and thunderstorms developed along and ahead of the front. Moderate instability tue to a warm and humid air mass caused some thunderstorms to produce damaging wind gusts. SALTIMORE COUNTY 0.9 SW HERNWOOD [39.37, -76.88], 0.7 SSW HERNWOOD [39.37, -76.87], 0.9 SSW HERNWOOD [39.37, -76.87], 1.1 NNW SRANITE [39.36, -76.88] 07725/11 15:30 EST 0 Flash Flood (due to Heavy Rain) 07725/11 15:30 EST 0 Source: State Official Road closed near the intersection of Marriottsville Road and Wards Chapel Road due to flash flooding. A nearby rain gage measured 1.61 inches. SALTIMORE COUNTY 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 HARRISONVILLE [39.38, -76.82] 07725/11 14:00 EST 0 Source: State Official Aveas near intersection of Liberty Road and Marriottsville Road experienced flash flooding. A nearby rain gage measured 1.59 inches. HOWARD COUNTY 2.1 N WOODSTOCK [39.36, -76.97], 2.1 N WOODSTOCK [39.36, -76.97], 2.2					· · ·
07/25/11 15:10 EST 1K Thunderstorm Wind (EG 50 kt) 07/25/11 15:10 EST 0 Source: Fire Department/Rescue reces were down across Route 6 near Route 235. **Coold front stalled over the area on the 25th. Showers and thunderstorms developed along and ahead of the front. Moderate instability use to a warm and humid air mass caused some thunderstorms to produce damaging wind gusts. **ALTIMORE COUNTY 0.9 SW HERNWOOD [39.37, -76.88], 0.7 SSW HERNWOOD [39.37, -76.87], 0.9 SSW HERNWOOD [39.37, -76.87], 1.1 NNW \$RANITE [39.36, -76.88] **O7/25/11 13:52 EST 0 Flash Flood (due to Heavy Rain) O7/25/11 16:30 EST 0 Source: State Official Country 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.5 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENERGY 0 Source: State Official Country 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENERGY 0 Source: State Official Country 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENERGY 0 Source: State Official Country 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENERGY 0 Source: State Official Country 0.5 Energy 0 Source: State Official Cou	tree was down on Route 2.				·
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O7/25/11 15:30 EST O Source: State Official Road closed near the intersection of Marriottsville Road and Wards Chapel Road due to flash flooding. A nearby rain gage measured 1.61 inches. BALTIMORE COUNTY 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.5 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.5 ENE HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.5 ENE HARRISONVILLE [39.38, -76.82], 0.7	lue to a warm and humid air mass caused BALTIMORE COUNTY 0.9 SW HERNWO	I some thunderstorms to produce	damaging wind o	gusts.	
Road closed near the intersection of Marriottsville Road and Wards Chapel Road due to flash flooding. A nearby rain gage measured 1.61 inches. BALTIMORE COUNTY 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 E HARRISONVILLE [39.38, -76.82] 07/25/11 14:00 EST 0 Flash Flood (due to Heavy Rain) 07/25/11 16:00 EST 0 Source: State Official Areas near intersection of Liberty Road and Marriottsville Road experienced flash flooding. A nearby rain gage measured 1.59 inches. HOWARD COUNTY 2.1 N WOODSTOCK [39.36, -76.97], 2.1 N WOODSTOCK [39.36, -76.97], 2.2 N WOODSTOCK [39.36, -76.97], 2.9 N WOODSTOCK [39.36, -		07/25/11 13:52 EST		0	Flash Flood (due to Heavy Rain)
ALTIMORE COUNTY 0.5 E HARRISONVILLE [39.38, -76.82], 0.4 ENE HARRISONVILLE [39.38, -76.82], 0.3 ENE HARRISONVILLE [39.38, -76.82], 0.4 E HARRISONVILLE [39.38, -76.82] 07/25/11 14:00 EST 0 Flash Flood (due to Heavy Rain) 07/25/11 16:00 EST 0 Source: State Official Areas near intersection of Liberty Road and Marriottsville Road experienced flash flooding. A nearby rain gage measured 1.59 inches. HOWARD COUNTY 2.1 N WOODSTOCK [39.36, -76.97], 2.1 N WOODSTOCK [39.36, -76.97], 2.2 N W		07/25/11 15:30 EST		0	Source: State Official
O7/25/11 14:00 EST 0 Flash Flood (due to Heavy Rain) O7/25/11 16:00 EST 0 Source: State Official Areas near intersection of Liberty Road and Marriottsville Road experienced flash flooding. A nearby rain gage measured 1.59 inches. HOWARD COUNTY 2.1 N WOODSTOCK [39.36, -76.97], 2.1 N WOODSTOCK [39.36, -76.97], 2.2 N WOODSTOC	Road closed near the intersection of Marriot	tsville Road and Wards Chapel Ro	ad due to flash floo	oding. A nearby ra	in gage measured 1.61 inches.
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Areas near intersection of Liberty Road and Marriottsville Road experienced flash flooding. A nearby rain gage measured 1.59 inches. HOWARD COUNTY 2.1 N WOODSTOCK [39.36, -76.97], 2.1 N WOODSTOCK [39.36, -76.97], 2.2 N WOODSTO					• • •
HOWARD COUNTY 2.1 N WOODSTOCK [39.36, -76.97], 2.1 N WOODSTOCK [39.36, -76.97], 2.2 N WOODSTOCK		07/25/11 16:00 EST		0	Source: State Official
39.36, -76.97] 07/25/11 14:00 EST 0 Flash Flood (due to Heavy Rain) 07/25/11 16:00 EST 0 Source: State Official A car was washed off the road near the intersection of Forsythe Road and West Friendship due to water of several feet depth. A nearby spotter observed 2.98 inches of rain. PRINCE GEORGE'S COUNTY 0.9 NW CONTEE [39.09, -76.88], 0.7 NNW CONTEE [39.09, -76.87], 0.9 NNW CONTEE [39.09, -76.87], 1.0 NNW CONTEE [39.09, -76.88] 07/25/11 14:45 EST 0 Flash Flood (due to Heavy Rain)	areas near intersection of Liberty Road and	Marriottsville Road experienced fla	ash flooding. A ne	arby rain gage mea	asured 1.59 inches.
07/25/11 14:00 EST 0 Flash Flood (due to Heavy Rain) 07/25/11 16:00 EST 0 Source: State Official A car was washed off the road near the intersection of Forsythe Road and West Friendship due to water of several feet depth. A nearby spotter observed 2.98 inches of rain. PRINCE GEORGE'S COUNTY 0.9 NW CONTEE [39.09, -76.88], 0.7 NNW CONTEE [39.09, -76.87], 0.9 NNW CONTEE [39.09, -76.87], 1.0 NNW CONTEE [39.09, -76.88] 07/25/11 14:45 EST 0 Flash Flood (due to Heavy Rain)		[39.36, -76.97], 2.1 N WOODSTO	CK [39.36, -76.97],	2.2 N WOODSTO	CK [39.36, -76.97], 2.2 N WOODSTOCK
07/25/11 16:00 EST 0 Source: State Official A car was washed off the road near the intersection of Forsythe Road and West Friendship due to water of several feet depth. A nearby spotter beerved 2.98 inches of rain. PRINCE GEORGE'S COUNTY 0.9 NW CONTEE [39.09, -76.88], 0.7 NNW CONTEE [39.09, -76.87], 0.9 NNW CONTEE [39.09, -76.87], 1.0 NNW CONTEE [39.09, -76.88] 07/25/11 14:45 EST 0 Flash Flood (due to Heavy Rain)	39.36, -76.97]	07/25/11 14:00 EST		0	Flash Flood (due to Heavy Rain)
PRINCE GEORGE'S COUNTY 0.9 NW CONTEE [39.09, -76.88], 0.7 NNW CONTEE [39.09, -76.87], 0.9 NNW CONTEE [39.09, -76.87], 1.0 NNW CONTEE [39.09, -76.88] 07/25/11 14:45 EST 0 Flash Flood (due to Heavy Rain)					• • • • • • • • • • • • • • • • • • • •
39.09, -76.88] 07/25/11 14:45 EST 0 Flash Flood (due to Heavy Rain)		rsection of Forsythe Road and Wes	st Friendship due t	o water of several	feet depth. A nearby spotter
07/25/11 14:45 EST 0 Flash Flood (due to Heavy Rain)		ONTEE [39.09, -76.88], 0.7 NNW C	ONTEE [39.09, -76	6.87], 0.9 NNW CO	NTEE [39.09, -76.87], 1.0 NNW CONTEE
· · · · · ·	39.09, -76.88]	07/25/11 14·45 EST		0	Flach Flood (due to Hogas, Pain)
		07/25/11 14:45 EST 07/25/11 16:00 EST		0	Source: State Official

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Van Dusen Road was closed due to flash flooding on Bear Branch. A nearby rain gage observed 1.95 inches.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNE ARUNDEL COUNTY 1.0 SE CROF	ΓΟΝ [38.99, -76.64], 2.3 WSW RU	ITLAND [38.96, -76	3.67], 1.9 W RUTLA	AND [38.97, -76.67], 0.4 SSW CROFTON
[38.99, -76.65]	07/25/11 15:00 EST		0	Flash Flood (due to Heavy Rain)
	07/25/11 16:00 EST		0	Source: State Official
High water forced the closures of Route 424 closed. A nearby rain gage recorded 2.74 inc		t Huntwood Drive.	Also, a portion of	Governor's Bridge Road was also
Showers and thunderstorms developed alo repeatedly across the same area produced		= =		-
(MD-Z007) HARFORD, (MD-Z011) SOUTHER	RN BALTIMORE, (MD-Z013) PRIN	ICE GEORGES, (N	ID-Z016) CHARLE	S, (MD-Z017) ST. MARY'S, (MD-Z018)
CALVERT	07/29/11 11:00 EST		0	Heat
	07/29/11 17:00 EST		0	Tical
VIRGINIA, North				
WAYNESBORO (C) COUNTY 0.7 SE WAY	(NESBORO [38.0678.87]			
	07/03/11 15:07 EST		0	Hail (1.00 in)
	07/03/11 15:07 EST		0	Source: Public
Quarter sized hail was reported near Waynes	sboro.			
AUGUSTA COUNTY 4.8 E LYNDHURST [=			
	07/03/11 15:12 EST		0	Hail (1.00 in)
	07/03/11 15:12 EST		0	Source: Public
Quarter sized hail was reported along Intersta	ate 64 at exit 99.			
ALBEMARLE COUNTY 2.1 NNW NORTH	GARDEN [37.96, -78.66] 07/03/11 15:43 EST		1K	Thunderstorm Wind /EC 50 kt
	07/03/11 15:43 EST		0	Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was down across Plank Road.				
ALBEMARLE COUNTY 1.5 SE GILBERT	[38.12, -78.35]			
	07/03/11 15:55 EST		0	Hail (1.50 in)
	07/03/11 15:55 EST		0	Source: Public
Ping pong ball sized hail was reported near S	Stoney Point.			
ALBEMARLE COUNTY 0.3 NNE STONY F	PT [38.12, -78.38]			
	07/03/11 15:57 EST		0	Hail (1.00 in)
	07/03/11 15:57 EST		0	Source: Public
Quarter sized hail was reported near Stoney	Point.			
ALBEMARLE COUNTY STONY PT [38.12				
	07/03/11 15:57 EST		1K	Thunderstorm Wind (EG 50 kt)

07/03/11 15:57 EST

Large branches were down near Stony Point.

LOUDOUN COUNTY --- 3.2 ESE LEESBURG [39.11, -77.49]

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Source: Public

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/03/11 16:38 EST	1	0	Thunderstorm Wind (EG 56 kt)
	07/03/11 16:38 EST		0	Source: Park/Forest Service
A fatality occurred when a tree fell onto a cyc marker 33.	clist along the C and O Canal Tow	oath. The location	along the Towpath	was south of Whites Ferry along mile
Direct Fatalities: M??UT				
LOUDOUN COUNTY 1.0 SW BROAD RUI	N FARMS [39.02, -77.38]			
	07/03/11 16:54 EST		0	Thunderstorm Wind (MG 55 kt)
	07/03/11 16:54 EST		0	Source: Mesonet
A wind gust of 63 mph was measured near S	Sterling Park.			
ARLINGTON COUNTY 1.3 NW BARCROF				
	07/03/11 17:22 EST		1K	Thunderstorm Wind (EG 61 kt)
	07/03/11 17:22 EST		0	Source: Emergency Manager
Tree damage was reported along Old Domin	ion Drive at the Fairfax County Lin	e.		
ARLINGTON COUNTY 1.7 N BARCROFT	[38.92, -77.13]			
	07/03/11 17:22 EST		1K	Thunderstorm Wind (EG 61 kt)
	07/03/11 17:22 EST		0	Source: Emergency Manager
Tree damage was reported along the 4400 B	lock of N. Glebe Road.			
ARLINGTON COUNTY 1.2 E BARCROFT	[38.9077.11]			
	07/03/11 17:24 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/03/11 17:24 EST		0	Source: Emergency Manager
Substantial tree damage was reported in Che	errydale.			
LOUDOUN COUNTY 1.5 W NORTH FORE				
	07/03/11 17:24 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/03/11 17:24 EST		0	Source: Broadcast Media
Several trees were snapped and uprooted in	Airmont Farms.			
ARLINGTON COUNTY 1.8 ENE BARCRO	FT [38.91, -77.10]			
	07/03/11 17:26 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/03/11 17:26 EST		0	Source: Emergency Manager
Widespread tree damage was reported along	g the George Washington Parkway	<i>1</i> .		
LOUDOUN COUNTY 2.0 NE NORTH FOR	K [39.09, -77.70]			
	07/03/11 17:31 EST		2K	Thunderstorm Wind (EG 56 kt)
	07/03/11 17:31 EST		0	Source: Public
A large tree was down and several large Oak	limbs were snapped.			
FAUQUIER COUNTY 2.5 WNW DELAPLA	NE [38.93, -77.96]			
	07/03/11 17:32 EST		0	Hail (1.50 in)
	07/03/11 17:32 EST		0	Source: Public
Ping pong ball sized hail was reported near [Delaplane.			
FAUQUIER COUNTY 0.8 SSE MARSHAL	L [38.86, -77.85]			
	07/03/11 17:50 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/11 17:50 EST		0	Source: Public
A tree was down along the eastbound lane o	f Interstate 66			
A troc was down along the eastbound latte o	i interstate ou.			

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAUQUIER COUNTY 0.4 SW MARSH				
	07/03/11 17:55 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/03/11 17:55 EST		0	Source: Amateur Radio
Multiple tree limbs were down that were t	hree inches and larger in diameter. T	he damage occurre	ed along Route 17	and 155 on Winchester Road.
FAUQUIER COUNTY 1.1 S NEW BAL				
	07/03/11 18:20 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/03/11 18:20 EST		0	Source: Trained Spotter
Trees and large limbs were down.				
FAUQUIER COUNTY 1.6 SW SOMER	VILLE [38.51, -77.62]			
	07/03/11 19:11 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/03/11 19:11 EST		0	Source: Public
Large branches were down due to thunde	erstorm winds.			
(VA-Z056) SPOTSYLVANIA				
	07/03/11 19:39 EST		0	Heat
	07/03/11 19:39 EST		0	
ALDEMADI E COUNTY A 2 CCE DDOI	-FIT (20 42 - 70 42)			
ALBEMARLE COUNTY 0.2 SSE PROF	07/03/11 19:43 EST		0.50K	Thunderstorm Wind (EG 45 kt)
	07/03/11 19:43 EST		0.0010	Source: Trained Spotter
Multiple tree limbs were down.	0.700.77.70.70 207		·	Course Hames Species
CHARLOTTESVILLE (C) COUNTY 2.0	NE CHARLOTTESVILLE [38 05 -78	471		
	07/03/11 19:57 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/03/11 19:57 EST		0	Source: Trained Spotter
A tree was down along Park Street at Me	lbourne Road.			
PRINCE WILLIAM COUNTY 0.4 W BE	THEL [38.65, -77.33]			
	07/03/11 20:00 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/03/11 20:00 EST		0	Source: Broadcast Media
A tree fell onto a car.				
PRINCE WILLIAM COUNTY 1.5 SSE N	/INNIEVILLE [38.6177 341			
	07/03/11 20:00 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/11 20:00 EST		0	Source: Broadcast Media
Trees were down near Dale City.				
KING GEORGE COUNTY 0.5 E FAIRV	TEW REΔCH [38 33 -77 24]			
MING GEORGE COUNTY 0.3 E PAIRV	07/03/11 20:43 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/03/11 20:43 EST		0	Source: Trained Spotter
A tree fell onto a house.				
KING GEORGE COUNTY 0.9 SE NOC	AM [38.21, -77.14]			
2 0.0 0E NOO	07/03/11 21:08 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/03/11 21:08 EST		0	Source: Trained Spotter
Trees were down.				
TICCO WEIG GOWII.				

A cold front passed through the area during the 3rd. A southerly flow ahead of the front caused enough warm and moist air for moderate instability to develop. The combination of lift associated with the front and instability triggered showers and thunderstorms. Some thunderstorms became severe with damaging winds and large hail.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NELSON COUNTY 2.8 NE GREENFIEI	• • •			
	07/04/11 15:51 EST		1K	Thunderstorm Wind (EG 52 kt)
A to a fall days and the good about two	07/04/11 15:51 EST	of ald Dood and Fr	0	Source: State Official
A tree fell down onto the road about two n	niles north of the intersection of Gree	ntield Road and Er	inis Mountain Roa	α.
NELSON COUNTY 0.2 ENE PINEY RIV	VER [37.72, -79.02] 07/04/11 15:53 EST		0.50K	Thunderstorm Wind (EG 45 kt)
	07/04/11 15:53 EST		0	Source: State Official
A tree fell onto the road near the intersect	tion of Patrck Henry Highway and Tye	Brook Highway.		
NELSON COUNTY 3.0 NE ADIAL [37.8	88, -78.78]			
	07/04/11 16:12 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/04/11 16:12 EST		0	Source: State Official
A tree was down across the road at 2988	Old Roberts Mountain Road.			
NELSON COUNTY 1.4 N FABER [37.8				
	07/04/11 16:18 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/04/11 16:18 EST		0	Source: State Official
A tree was down near the intersection of	Thomas Nelson Highway and Irish Ro	oad.		
NELSON COUNTY 1.3 E ALLENS CRE	EEK [37.57, -78.86]			Thursdaystaws Wind (FO 45 l4)
NELSON COUNTY 1.3 E ALLENS CRE				
A tree was down near the intersection of F	07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in			Thunderstorm Wind (EG 45 kt) Source: State Official air aloft associated with
A tree was down near the intersection of R A trough of low pressure at the mid-leve the mid-level trough caused enough ins	07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in	r the region on the	0 a. e 4th. The cooler a	Source: State Official
A tree was down near the intersection of for the A trough of low pressure at the mid-level the mid-level trough caused enough insolamaging winds and large hail.	07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over tability for scattered showers and the	r the region on the	0 a. e 4th. The cooler a levelop. A few thu	Source: State Official air aloft associated with understorms producted
A tree was down near the intersection of for the A trough of low pressure at the mid-level the mid-level trough caused enough insolamaging winds and large hail.	07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over tability for scattered showers and the	r the region on the	0 a. e 4th. The cooler a levelop. A few thu	Source: State Official air aloft associated with understorms producted
A tree was down near the intersection of for the A trough of low pressure at the mid-level the mid-level trough caused enough insolamaging winds and large hail.	07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over stability for scattered showers and the	r the region on the	0 a. e 4th. The cooler a levelop. A few thu 1.5 SW EASTHAM	Source: State Official air aloft associated with understorms producted 1 [38.05, -78.44], 1.6 SW EASTHAM
A tree was down near the intersection of f A trough of low pressure at the mid-leve the mid-level trough caused enough ins damaging winds and large hail. ALBEMARLE COUNTY 1.6 SW EASTH [38.05, -78.44]	07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over stability for scattered showers and the HAM [38.05, -78.44], 1.6 SW EASTHA 07/06/11 12:00 EST 07/06/11 13:00 EST	r the region on the nunderstorms to c	0 a. e 4th. The cooler a levelop. A few thu 1.5 SW EASTHAM	Source: State Official air aloft associated with understorms producted I [38.05, -78.44], 1.6 SW EASTHAM Flash Flood (due to Heavy Rain)
A tree was down near the intersection of R A trough of low pressure at the mid-leve the mid-level trough caused enough ins damaging winds and large hail. ALBEMARLE COUNTY 1.6 SW EASTH [38.05, -78.44] Flooding was reported near the intersection	07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over stability for scattered showers and the HAM [38.05, -78.44], 1.6 SW EASTHA 07/06/11 12:00 EST 07/06/11 13:00 EST	r the region on the nunderstorms to c M [38.05, -78.44], t Drive.	0 a. e 4th. The cooler a levelop. A few thu 1.5 SW EASTHAM 0 0	Source: State Official air aloft associated with understorms producted I [38.05, -78.44], 1.6 SW EASTHAM Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue
A tree was down near the intersection of R trough of low pressure at the mid-leve the mid-level trough caused enough institution and large hail. ALBEMARLE COUNTY 1.6 SW EASTH [38.05, -78.44] Flooding was reported near the intersection of R the mid-level tree intersection and the second captures are the second captures and the second captures are the second c	07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over stability for scattered showers and the HAM [38.05, -78.44], 1.6 SW EASTHA 07/06/11 12:00 EST 07/06/11 13:00 EST on of Stony Point Road and Key West ross Albermarle County in association	r the region on the nunderstorms to c M [38.05, -78.44], t Drive.	0 a. e 4th. The cooler a levelop. A few thu 1.5 SW EASTHAM 0 0 trough. An isolate	Source: State Official air aloft associated with understorms producted I [38.05, -78.44], 1.6 SW EASTHAM Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue
A tree was down near the intersection of R trough of low pressure at the mid-leve the mid-level trough caused enough institution and large hail. ALBEMARLE COUNTY 1.6 SW EASTH [38.05, -78.44] Flooding was reported near the intersection of R the mid-level tree intersection and the second captures are the second captures and the second captures are the second c	07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over stability for scattered showers and the HAM [38.05, -78.44], 1.6 SW EASTHA 07/06/11 12:00 EST 07/06/11 13:00 EST on of Stony Point Road and Key Westers Albermarle County in association TS DRAFT [38.04, -79.04] 07/06/11 15:30 EST	r the region on the nunderstorms to c M [38.05, -78.44], t Drive.	0 a. e 4th. The cooler a levelop. A few thu 1.5 SW EASTHAM 0 0 trough. An isolate	Source: State Official air aloft associated with inderstorms producted I [38.05, -78.44], 1.6 SW EASTHAM Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue
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A tree was down near the intersection of f A trough of low pressure at the mid-leve the mid-level trough caused enough ins damaging winds and large hail. ALBEMARLE COUNTY 1.6 SW EASTH [38.05, -78.44]	07/04/11 16:20 EST 07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over stability for scattered showers and the HAM [38.05, -78.44], 1.6 SW EASTHA 07/06/11 12:00 EST 07/06/11 13:00 EST on of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Key West ross Albermarle County in association of Stony Point Road and Road Albermarle County in association of Stony Point Road and Road Albermar	r the region on the nunderstorms to common the nunderstorms to common the number of th	a. a 4th. The cooler a levelop. A few thu 1.5 SW EASTHAM 0 0 trough. An isolate 1K 0 gusts. stable atmosphre	Source: State Official air aloft associated with understorms producted I [38.05, -78.44], 1.6 SW EASTHAM Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue ed flash flood occur from Thunderstorm Wind (EG 60 kt) Source: Trained Spotter to trigger a few showers Thunderstorm Wind (EG 66 kt)
A tree was down near the intersection of A trough of low pressure at the mid-leve the mid-level trough caused enough ins damaging winds and large hail. ALBEMARLE COUNTY 1.6 SW EASTH [38.05, -78.44] Flooding was reported near the intersection of the second	07/04/11 16:20 EST 07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over tability for scattered showers and the estability for scattered showers and the established to establish for scattered showers and the established	r the region on the nunderstorms to common the nunderstorms to common the number of th	a. e 4th. The cooler a levelop. A few thu 1.5 SW EASTHAM 0 0 trough. An isolate 1K 0 gusts. stable atmosphre	Source: State Official air aloft associated with understorms producted I [38.05, -78.44], 1.6 SW EASTHAM Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue ed flash flood occur from Thunderstorm Wind (EG 60 kt) Source: Trained Spotter to trigger a few showers
A tree was down near the intersection of A trough of low pressure at the mid-leve the mid-level trough caused enough institution and large hail. ALBEMARLE COUNTY 1.6 SW EASTH [38.05, -78.44] Flooding was reported near the intersection of this moist, unstable atmosphere. AUGUSTA COUNTY 0.9 NNW STUAR Several branches that were about three in and thunderstorms. An isolated thunder ROCKINGHAM COUNTY 0.5 SSE ELK	07/04/11 16:20 EST 07/04/11 16:20 EST 07/04/11 16:20 EST Richmond Highway and Route 622 in els of the atmosphere remained over tability for scattered showers and the estability for scattered showers and the established	r the region on the nunderstorms to common the nunderstorms to common the number of th	a. a 4th. The cooler a levelop. A few thu 1.5 SW EASTHAM 0 0 trough. An isolate 1K 0 gusts. stable atmosphre	Source: State Official air aloft associated with understorms producted I [38.05, -78.44], 1.6 SW EASTHAM Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue ed flash flood occur from Thunderstorm Wind (EG 60 kt) Source: Trained Spotter to trigger a few showers Thunderstorm Wind (EG 66 kt)
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
metal hay feeder was thrown into a pon	d.			
RANGE COUNTY 2.6 NW NASONS	-		11/2	Thundaratorn Wind (FC 52 lt)
	07/08/11 15:15 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/08/11 15:15 EST		0	Source: State Official
tree was down along the 7200 Block of	Rapidan Road.			
A surface trough remained over the reg ew thunderstorms became severe due	-	oility ahead of the tr	ough caused thur	nderstorms to develop. A
VA-Z025) AUGUSTA, (VA-Z026) ROCKII	NGHAM, (VA-Z027) SHENANDOAH	, (VA-Z029) PAGE, ((VA-Z504) EASTER	RN HIGHLAND
	07/09/11 01:15 EST		0	Dense Fog
	07/09/11 06:55 EST		0	
surface high pressure built overhead du mounts of low-level moisture to produ		·=	_	_
VA-Z037) ALBEMARLE, (VA-Z050) ORA		2054) ARLINGTON	_	
	07/11/11 12:53 EST		0	Heat
	07/11/11 16:52 EST		0	
a southerly flow around high pressure of pper-level high pressure nearby cause OUDOUN COUNTY 1.0 SSE PURCE	d hot conditions. Heat indices in e LVILLE [39.14, -77.71]		es were recorded.	
	07/11/11 18:25 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/11/11 18:25 EST		0	Source: State Official
Several trees were down in Purcellville.				
PRINCE WILLIAM COUNTY 2.0 SE NO	OKESVILLE [38.68, -77.55] 07/11/11 19:05 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/11/11 19:05 EST		0	Source: State Official
	07/11/11 19.03 E31		O	Source. State Official
rees fell onto power lines along Parkgate	e Drive between Aden Road and Fle	etwood Road.		
AUQUIER COUNTY 1.5 ENE DUDIE	[38.74, -77.86]			
	07/11/11 19:06 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/11/11 19:06 EST		0	Source: State Official
A tree fell onto power lines at Cannonball	Gate Road and Bear Wallow Road.			
FAIRFAX COUNTY 1.3 E FLORIS [38.5	92, -77.40]			
	07/11/11 19:20 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/11/11 19:20 EST		0	Source: Trained Spotter
At least seven large trees about one foot	in diameter or more were down near	the Fairfax County	Parkway and Wes	t Ox Road.
PRINCE WILLIAM COUNTY 1.5 ENE (GAINESVILLE [38.81, -77.57]			
	07/11/11 19:34 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/11/11 19:34 EST		0	Source: State Official
	hway between Sudley Road and Joh	ın Marshall Highway	<i>i</i> .	
Frees fell onto power lines along Lee High				
	DE [38,74, -77.12]			
			5K	Thunderstorm Wind (EG 50 kt)
Trees fell onto power lines along Lee Higl FAIRFAX COUNTY 1.8 ENE ENGLESI	DE [38.74, -77.12] 07/11/11 19:46 EST 07/11/11 19:46 EST		5K 0	Thunderstorm Wind (EG 50 kt) Source: State Official

SPOTSYLVANIA COUNTY --- 2.1 SW WILDERNESS CORNER [38.30, -77.72]

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SPOTSYLVANIA COUNTY 0.5 NNW CHANCELLORSVILLE [38.31, -77.65] O7711/11 20.01 EST O711/11 20.02 EST O711/11 20.03 EST ONOUTON EMERGENCY Manager Three trees were down on river road between Musket Ridge Lane and 9 Mile Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance along with high amounts of instability led to the development of showers and thunderstorms. Thunderstorms produced damaging winds and large hall. FAIRPAX COUNTY 0.2 SSE HERNDON HGTS [38.98, -77.40] O7713/11 13.26 EST OSource: NWS Employee A tree was down at the intersection of Herndon Parkway and Crestview Drive. FAIRPAX COUNTY 0.3 SE HERNDON HGTS [38.98, -77.40] O7713/11 13.27 EST	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree fell onto power lines near the intersection of Wilderness Park Dirke and Sickles Lane. SPOTSYLVANIA COUNTY — 0.9 N BROCKROAD [88.28, -77.69] O7/11/11 20:00 EST O7/11/11 20:01 EST O7/11/11 20:02 EST O7/11/11 20:02 EST O7/11/11 20:02 EST O7/11/11 20:02 EST O7/11/11 20:03 E		07/11/11 19:57 EST		1K	Thunderstorm Wind (EG 52 kt)
SPOTSYLVANIA COUNTY 0.9 N BROCKROAD [38.26, -77.68] OTHINT 20:00 EST O		07/11/11 19:57 EST		0	Source: State Official
O7/11/11 20:00 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:00 EST 0 Source: State Official O7/11/11 20:00 EST 0 Source: State Official O7/11/11 20:00 EST 1K Thunderstorm Wind (EG 52 kt) 07/11/11 20:01 EST 0 Source: State Official O7/11/11 20:02 EST 1K Thunderstorm Wind (EG 52 kt) 07/11/11 20:02 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:02 EST 0 Source: Public O7/11/11 20:02 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: State Official O7/11/11 20:03 EST 0 Source: State Offi	A tree fell onto power lines near the intersecti	on of Wilderness Park Drive and S	Sickles Lane.		
A tree fell across Brock Road. SPOTSYLVANIA COUNTY 0.6 NNW CHANCELLORSYILLE [38.31,-77.63] 07/11/11 20:01 EST 07/11/11 20:01 EST 1 K Thunderstorm Wind (EG 52 kt) 07/11/11 20:01 EST 0 Source: State Official A tree fell onto the road of Jackson Trail East. SPOTSYLVANIA COUNTY 0.5 NNE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:01 EST 0 Source: Public O7/11/11 20:02 EST 1 K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: Public SPOTSYLVANIA COUNTY 1.1 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 1 K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: State Official A tree fell onto fiver Road near Dawmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Dawmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Dawmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: Emargency Manager Three trees were down on river road between Musket Ridge Lane and 9 Mile Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance along with high amounts of Instability led to the development of showers and thunderstorms. Thunderstorms produced damaging winds and large hail. FAIRFAX COUNTY 0.2 SEE HERNDON HGTS [33.89, -77.40] 07/13/11 13.22 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.22 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.22 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.22 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.22 EST 1 K Thunderstorm Wind (EG 50 kt)	SPOTSYLVANIA COUNTY 0.9 N BROCKF			1K	Thunderstorm Wind (EC 56 kt)
A tree fell across Brock Road. SPOTSYLVANIA COUNTY — 0.6 NNW CHANCELLORSVILLE [38.31, .77.63] 07/11/11 20:01 EST 07/11/11 20:02 EST 07/11/11 20:02 EST 07/11/11 20:02 EST 07/11/11 20:02 EST 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Dawmar Lane. SPOTSYLVANIA COUNTY — 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Dawmar Lane. SPOTSYLVANIA COUNTY — 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: Emergency Manager Three trees were down on river road between Musket Ridge Lane and 9 Mile Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance along with high amounts of instability led to the development of shownews and thunderstorms produced damaging winds and large hail. FAIRFAX COUNTY — 0.2 SSE HERNDON HGTS [38.98, -77.40] 07/13/11 13:26 EST 0 Source: NWS Employee A tree was down at the intersection of Herndon Parkway and Crestview Drive. FAIRFAX COUNTY — 0.3 SE HERNDON HGTS [38.88, -77.40] 07/13/11 13:27 EST 0 Source: Public CLARKE COUNTY — 1.5 NW BERRYVILLE [30.17, -77.99] 07/13/11 13:28 EST 1K Thunderstorm Wind (EG 50 kt) 7/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt)					•
SPOTSYLVANIA COUNTY 0.8 NNW CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:01 EST 0 Source: State Official A tree fell onto River Road near Plank Road. SPOTSYLVANIA COUNTY 0.7 E BROCKROAD [38.27, -77.67] 07/11/11 20:01 EST 0 Source: State Official A tree fell onto the road of Jackson Trail East. SPOTSYLVANIA COUNTY 0.9 NNE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:02 EST 07/11/11 20:02 EST 07/11/11 20:02 EST 07/11/11 20:02 EST 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Davmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Davmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Davmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: Emergency Manager Three trees were down on river road between Musker Ridge Lane and 9 Mise Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance along with high amounts of instability led to the development of showers and thunderstorms produced damaging winds and large hail. FAIRFAX COUNTY 0.2 SSE HERNDON HGTS [38.98, -77.40] 07/13/11 13.26 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.27 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.27 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.27 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.27 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.27 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.27 EST 1 K Thunderstorm Wind (EG 50 kt) 07/13/11 13.27 EST 1 K Thunderstorm Wind (EG 50 kt)	A free fell course Breeds Board	0771771 20:00 201		· ·	Course. Claic Cilibia.
A tree fell onto River Road near Plank Road. SPOTSYLVANIA COUNTY 0.7 E BROCKROAD [38.27, -77.67] O7/11/11 20:01 EST O7/11/11 20:02 EST O7/11/11 20:02 EST O7/11/11 20:02 EST O7/11/11 20:02 EST O7/11/11 20:03 EST O/7/11/11	A tree tell across Brock Road.				
A free fell onto River Road near Plank Road. SPOTSYLVANIA COUNTY — 0.7 E BROCKROAD [38.27, -77.67] 07/11/11 20:01 EST 1K Thunderstorm Wind (EG 52 kl) 07/11/11 20:01 EST 0 Source: State Official A free fell onto the road of Jackson Trail East. SPOTSYLVANIA COUNTY — 0.9 NNE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:02 EST 07/11/11 20:02 EST 07/11/11 20:03 EST 07/11/11 20:03 EST 1K Thunderstorm Wind (EG 56 kl) 07/11/11 20:03 EST 07/11/11 20:03 EST 1K Thunderstorm Wind (EG 56 kl) 07/11/11 20:03 EST 07/11/11 20:03 EST 0 Source: State Official A free fell onto River Road near Dawmar Lane. SPOTSYLVANIA COUNTY — 1.1 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: State Official A free fell onto River Road near Dawmar Lane. SPOTSYLVANIA COUNTY — 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: State Official Three free were down on river road between Musket Ridge Lane and 9 Mile Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance language with high amounts of instability led to the development of showers and thunderstorms. Thunderstorms produced damaging winds and large hail. FAIRFAX COUNTY — 0.2 SSE HERNDON HGTS [38.98, -77.40] 07/13/11 13/26 EST 1K Thunderstorm Wind (EG 50 kl) 07/13/11 13/27 EST 1K Thunderstorm Wind (EG 50 kl) 07/13/11 13/27 EST 1K Thunderstorm Wind (EG 50 kl) 07/13/11 13/27 EST 1K Thunderstorm Wind (EG 50 kl) 07/13/11 13/27 EST 1K Thunderstorm Wind (EG 50 kl) 07/13/11 13/27 EST 1K Thunderstorm Wind (EG 50 kl) 07/13/11 13/27 EST 1K Thunderstorm Wind (EG 50 kl) 07/13/11 13/27 EST 1K Thunderstorm Wind (EG 50 kl) 07/13/11 13/28 EST 1K Thunderstorm Wind (EG 50 kl)	SPOTSYLVANIA COUNTY 0.6 NNW CHAI			11/	Thunderstorm Wind (EC 52 kt)
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A tree fell onto the road of Jackson Trail East. SPOTSYLVANIA COUNTY 0.9 NNE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:02 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:02 EST 0 Source: Public Two large trees were uprooted and cracked in half. SPOTSYLVANIA COUNTY 1.1 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Davmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 2K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 2K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: Emergency Manager Three trees were down on river road between Musket Ridge Lane and 9 Mile Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance along with high amounts of instability led to the development of showers and thunderstorms. Thunderstorms produced damaging winds and large hall. FAIRFAX COUNTY 0.2 SSE HERNDON HGTS [38.98, -77.40] 07/13/11 13:26 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:26 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 0 Source: Public CLARKE COUNTY 0.3 SE HERNDON HGTS [38.98, -77.40] 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 0 Source: Public	SPOTSYLVANIA COUNTY 0.7 E BROCKF				
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SPOTSYLVANIA COUNTY 0.9 NNE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:02 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:02 EST 0 Source: Public Two large trees were uprooted and cracked in half. SPOTSYLVANIA COUNTY 1.1 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Davmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 2K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: Emergency Manager Three trees were down on river road between Musket Ridge Lane and 9 Mile Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance along with high amounts of instability led to the development of showers and thunderstorms. Thunderstorms produced damaging winds and large hail. FAIRFAX COUNTY 0.2 SSE HERNDON HGTS [38.98, -77.40] 07/13/11 13:26 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt)		07/11/11 20:01 EST		0	Source: State Official
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Two large trees were uprooted and cracked in half. SPOTSYLVANIA COUNTY 1.1 NE CHANCELLORSVILLE [38.31, -77.82] 07/11/11 20:03 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Davmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.82] 07/11/11 20:03 EST 2K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: Emergency Manager Three trees were down on river road between Musker Ridge Lane and 9 Mile Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance along with high amounts of instability led to the development of showers and thunderstorms. Thunderstorms produced damaging winds and large hall. FAIRFAX COUNTY 0.2 SSE HERNDON HGTS [38.98, -77.40] 07/13/11 13:26 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:26 EST 0 Source: NWS Employee A tree was down at the intersection of Hemdon Parkway and Crestview Drive. FAIRFAX COUNTY 0.3 SE HERNDON HGTS [38.98, -77.40] 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 0 Source: Public A large tree was blocking the Washington and Old Dominion Trail. CLARKE COUNTY 1.5 NW BERRYVILLE [39.17, -77.99] 07/13/11 13:32 EST 1K Thunderstorm Wind (EG 50 kt)					•
SPOTSYLVANIA COUNTY 1.1 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Davmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 0 Source: Emergency Wanager 2K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: Emergency Manager Three trees were down on river road between Musket Ridge Lane and 9 Mile Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance along with high amounts of instability led to the development of showers and thunderstorms. Thunderstorms produced damaging winds and large hail. FAIRFAX COUNTY 0.2 SSE HERNDON HGTS [38.98, -77.40] 07/13/11 13:26 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt)		07/11/11 20:02 EST		0	Source: Public
07/11/11 20:03 EST 1K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: State Official A tree fell onto River Road near Dawmar Lane. SPOTSYLVANIA COUNTY 1.2 NE CHANCELLORSVILLE [38.31, -77.62] 07/11/11 20:03 EST 2K Thunderstorm Wind (EG 56 kt) 07/11/11 20:03 EST 0 Source: Emergency Manager Three trees were down on river road between Musket Ridge Lane and 9 Mile Run Drive. An upper-level disturbance passed through the area on the 11th. The atmosphere was very unstable due to a hot and humid air mass in place. The combination of forcing from the upper-level disturbance along with high amounts of instability led to the development of showers and thunderstorms. Thunderstorms produced damaging winds and large hail. FAIRFAX COUNTY 0.2 SSE HERNDON HGTS [38.98, -77.40] 07/13/11 13:26 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 0 Source: NWS Employee A tree was down at the intersection of Herndon Parkway and Crestview Drive. FAIRFAX COUNTY 0.3 SE HERNDON HGTS [38.98, -77.40] 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 1K Thunderstorm Wind (EG 50 kt) 07/13/11 13:27 EST 0 Source: Public A large tree was blocking the Washington and Old Dominion Trail. CLARKE COUNTY 1.5 NW BERRYVILLE [39.17, -77.99] 07/13/11 13:32 EST 1K Thunderstorm Wind (EG 50 kt)	Two large trees were uprooted and cracked in	n half.			
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CLARKE COUNTY 1.5 NW BERRYVILLE [39.17, -77.99] 07/13/11 13:32 EST 1K Thunderstorm Wind (EG 50 kt)		07/13/11 13:27 EST		0	
07/13/11 13:32 EST 1K Thunderstorm Wind (EG 50 kt)	A large tree was blocking the Washington and	d Old Dominion Trail.			
07/13/11 13:32 EST 1K Thunderstorm Wind (EG 50 kt)	CLARKE COUNTY 1.5 NW BERRYVII I F	[39.1777.991			
·	SERVICE GOOM I IN MY DENKI VILLE	= =		1K	Thunderstorm Wind (EG 50 kt)
Two trees were down along Trap Hill Road.	Ç -F				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CLARKE COUNTY 2.8 NNW BERRYVILLE	= -			
	07/13/11 13:32 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/13/11 13:32 EST		0	Source: State Official
Trees were down along Stringtown Road.				
CLARKE COUNTY 0.8 NW BERRYVILLE [3	•			
	07/13/11 13:34 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/13/11 13:34 EST		0	Source: State Official
Trees were down along Treadwell Street.				
CLARKE COUNTY 2.7 ESE BERRYVILLE [39.13, -77.93]			
	07/13/11 13:41 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/13/11 13:41 EST		0	Source: State Official
Trees were down along Chilly Hollow Road.				
FAIRFAX COUNTY 0.7 S OAKTON [38.87,	-77.30]			
• • • •	07/13/11 13:48 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	07/13/11 13:48 EST		0	Source: COOP Observer
Tree branches were down in Vienna.				
FAIRFAX COUNTY 0.8 SW TYSONS CORN	IER [38.91, -77.24]			
	07/13/11 13:53 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/13/11 13:53 EST		0	Source: COOP Observer
A tree was down near the intersection of Route				
FAIRFAX COUNTY 0.7 S OAKTON [38.87,	- 77.30] 07/13/11 13:55 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	07/13/11 13:55 EST		0	Source: Trained Spotter
Tree limbs that were two to three inches in dia	meter were down.			
LOUDOUN COUNTY 0.7 NW PHILOMONT	[39.06, -77.74]			
	07/13/11 13:59 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/13/11 13:59 EST		0	Source: Emergency Manager
Trees and wires were down.				
PRINCE WILLIAM COUNTY 2.0 SE CATHA	RPIN [38.83, -77.55]			
	07/13/11 14:25 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/13/11 14:25 EST		0	Source: NWS Employee
A large tree was snapped along Featherbed La	ane in the Manassas Battlefield.			
PAGE COUNTY 1.1 NNW HANEYVILLE [38	3.60, -78.58]			
•	07/13/11 14:49 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/13/11 14:49 EST		0	Source: Department of Highways
Many trees were down along Shuler Lane.				
PAGE COUNTY 0.9 ESE HANEYVILLE [38.	.58, -78.55]			
	07/13/11 14:53 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/13/11 14:53 EST		0	Source: Emergency Manager
Numerous trees were down.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/13/11 14:53 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/13/11 14:53 EST		0	Source: Emergency Manager
Numerous trees were down.				
PAGE COUNTY 2.0 SSE HANEYVILLE [38.55, -	=			
	07/13/11 14:53 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/13/11 14:53 EST		0	Source: Department of Highways
Trees were down along Dovel Hollow Road.				
ORANGE COUNTY 2.4 NW ORANGE [38.27, -7	-		416	T
	07/13/11 15:51 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/13/11 15:51 EST		0	Source: State Official
A tree fell onto the road.				
ORANGE COUNTY 0.4 W ORANGE [38.25, -78.	=		4017	T
	07/13/11 15:57 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/13/11 15:57 EST		0	Source: State Official
A tree fell into a home.				
ORANGE COUNTY 0.9 ENE ORANGE [38.25, -	78.10]			
	07/13/11 15:58 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/13/11 15:58 EST		0	Source: State Official
A tree fell onto the road.				
ORANGE COUNTY 1.7 WSW LOCUSTGROVE	[38.29, -77.85]			
	07/13/11 15:59 EST		1K	Thunderstorm Wind (EG 56 kt)
	07/13/11 15:59 EST		0	Source: Trained Spotter
Large limbs were snapped.				
ORANGE COUNTY 1.4 S ORANGE [38.23, -78.	=			
	07/13/11 16:00 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/13/11 16:00 EST		0	Source: Trained Spotter
Numerous trees were down along with several pole	es.			
ORANGE COUNTY 1.2 E MADISON RUN [38.20	•			
	07/13/11 16:08 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/13/11 16:08 EST		0	Source: State Official
A tree fell onto Mountain Track Road.				
SPOTSYLVANIA COUNTY 2.4 WSW LEAVELLS			416	
	07/13/11 16:17 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/13/11 16:17 EST		0	Source: State Official
A tree fell onto the intersection of Courthouse Road	d and Smith Station Road.			
SPOTSYLVANIA COUNTY 2.8 NE CDENORA [
	07/13/11 16:25 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/13/11 16:25 EST		0	Source: State Official

A tree fell onto the intersection of Courthouse Road and Lewistown Road.

A cold front passed through northern and central Virginia on the 13th. Moderate instability ahead of the front combined with the forcing that was associated with the front to trigger showers and thunderstorms. Some thunderstorms were able to mix down strong winds from aloft.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAIRFAX COUNTY 0.5 E TYSONS CORNI	ER [38.92, -77.22], 0.7 ENE TYSC	ONS CORNER [38.	92, -77.22], 0.7 WS	W LEWINSVILLE [38.92, -77.21], 0.8
ESE TYSONS CORNER [38.92, -77.22]	07/13/11 14:05 EST		0	Flash Flood (due to Heavy Rain)
	07/13/11 16:00 EST		0	Source: COOP Observer
Route 123 was closed under the Interstate 49	95 overpass due to flash flooding.	A nearby rain gag	ge measured 1.28.	
FAIRFAX COUNTY 0.8 SSW HERNDON [3	38.96, -77.39], 0.7 SSW HERNDO	N [38.96, -77.38],	0.7 SW HERNDON	[38.96, -77.39], 0.9 SSW HERNDON
38.96, -77.39]	07/13/11 14:05 EST		0	Flash Flood (due to Heavy Rain)
	07/13/11 16:00 EST		0	Source: Trained Spotter
Alabama Drive was closed due to flash floodi	ng. A nearby rain gage measure	d 1.35 inches.		
FAIRFAX COUNTY 2.3 NNE HERNDON [3	9.00, -77.36], 2.2 NNE HERNDON	N [39.00, -77.36], 2	.5 NE HERNDON [39.00, -77.35], 2.5 NNE HERNDON [39.00,
77.36]	07/10/14 44 40 507		•	5. 1.5. 1/1 . 11 . 5
	07/13/11 14:10 EST 07/13/11 16:00 EST		0	Flash Flood (due to Heavy Rain) Source: Trained Spotter
	07/13/11 10:00 E31		U	Source: Trained Spotter
Forest Heights Court was closed due to flash	flooding. A nearby rain gage me	asured 1.05 inche	S.	
FAIRFAX COUNTY 0.5 W CLARKS CROS		LARKS CROSSING	G [38.91, -77.30], 0.	.5 NNW CLARKS CROSSING [38.93,
77.30], 0.8 WNW CLARKS CROSSING [38.9	07/13/11 14:15 EST		0	Flash Flood (due to Heavy Rain)
	07/13/11 16:00 EST		0	Source: COOP Observer
FAIRFAX COUNTY VIENNA [38.90, -77.27	'], 0.3 E VIENNA [38.90, -77.27], (07/13/11 14:15 EST 07/13/11 16:00 EST).4 ENE VIENNA [:	38.90, -77.26], 0.3 E 0 0	ENE VIENNA [38.90, -77.27] Flash Flood (due to Heavy Rain) Source: Trained Spotter
The intersection of Center Street and Route 1	23 have been closed due to flash	n flooding. A neart	oy rain gage measu	ired 2.62 inches.
FAIRFAX COUNTY 0.5 W DUNN LORING	[38.88, -77.24], 0.5 W DUNN LOF	RING [38.88, -77.24	4], 0.3 W DUNN LO	RING [38.88, -77.24], 0.3 WNW DUNN
LORING [38.88, -77.23]	07/13/11 14:30 EST		0	Flash Flood (due to Heavy Rain)
	07/13/11 16:00 EST		0	Source: Department of Highways
Two lanes of Interstate 66 near Mile Marker 6		A nearby rain gag		
FAIRFAX COUNTY 0.5 E DUNN LORING	[38.88, -77.22], 0.4 E DUNN LORI	NG [38.88, -77.22]	, 0.5 ENE DUNN LO	ORING [38.88, -77.22], 0.6 ENE DUNN
ORING [38.88, -77.22]	07/12/11 14:25 FOT		0	Flood (due to Hoovy Poin)
	07/13/11 14:35 EST 07/13/11 16:00 EST		0	Flash Flood (due to Heavy Rain) Source: Department of Highways
Two ramps of the Interstate 66 and Capital Bo		ue to high water.	Ü	Source. Department of Fiighways
FAIRFAX COUNTY 1.1 W TREMONT [38.8	85, -77.24], 0.9 WSW TREMONT I	38.85, -77.241. 1.1	WSW TREMONT I	38.84, -77.24], 1.1 NNE ILDA (38.84.
77.24]	, , , , , , , , , , , , , , , , , , , ,	,		, , , , , , , , , , , , , , , , , , , ,
	07/13/11 14:45 EST		0	Flash Flood (due to Heavy Rain)
	07/13/11 16:00 EST		0	Source: State Official
Flash flooding on Accotink Creek forced the c	closure of Woodburn Road near S	spicewood Drive.		
FAIRFAX COUNTY 0.9 NW CLARKS CRO		CLARKS CROSSI	NG [38.93, -77.30],	0.8 N CLARKS CROSSING [38.93,
77.30], 1.0 NNW CLARKS CROSSING [38.93	3, -77.31] 07/13/11 16:45 EST		0	Flash Flood (due to Heavy Rain)
	07/13/11 17:15 EST		0	Source: COOP Observer
			-	

A swift water rescue occurred at the intersection of Hunter Mill Road and Hunter Station Road.

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Location Date/Time Deaths & **Event Type and Details** Property & Injuries Crop Dmg Showers and thunderstorms developed along and ahead of a cold front moving through the Washington metropolitan area. Heavy rainfall rates prompted flash flooding in parts of Fairfax County. Rainfall amounts of up to 3.23 inches were reported near Vienna. (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z502) SOUTHERN FAUQUIER 07/21/11 13:00 EST 0 **Excessive Heat** 07/21/11 17:00 EST 0 (VA-Z028) FREDERICK, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (VA-Z050) ORANGE, (VA-Z501) NORTHERN FAUQUIER 07/21/11 14:00 EST 0 07/21/11 18:00 EST Upper-level high pressure provided enough subsidence to cause hot conditions on the 21st. Surface high pressure over the Atlantic caused moist air to move into the region from the south. The combination of the heat and humidity caused heat indices over 110 degrees in some locations. (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER 07/22/11 09:00 EST **Excessive Heat** 07/22/11 18:00 EST 0 Strong upper-level high pressure built over the region during the 22nd. Surface high pressure over the Atlantic Ocean caused moist air to move into the region from the south. Strong subsidence underneath the upper-level high caused extremely hot conditions with air temperatures over 100 degrees. The combination of the heat and high humidity caused heat indices to soar over 115 degrees. The worst conditions were east of the Blue Ridge Mountains where the humidity was highest. FREDERICK COUNTY --- 1.1 ENE OPEQUON [39.17, -78.23] 07/22/11 15:00 EST 5K Thunderstorm Wind (EG 66 kt) 07/22/11 15:00 EST 0 Source: Fire Department/Rescue Numerous trees were down west of Winchester. WINCHESTER (C) COUNTY --- 3.3 NNW WINCHESTER [39.17, -78.19] Thunderstorm Wind (EG 61 kt) 07/22/11 15:05 EST n 07/22/11 15:05 EST Source: Emergency Manager Four dozen trees were destroyed. A roof was torn off the Rock Harbor Golf Course and one person was injured. CLARKE COUNTY --- 2.1 S SWIMLEY [39.22, -78.01] 07/22/11 15:22 EST 1K Thunderstorm Wind (EG 52 kt) 07/22/11 15:22 EST n Source: State Official A tree was down on Crums Church Road. CLARKE COUNTY --- 3.0 SSE SWIMLEY [39.21, -77.98] 07/22/11 15:22 EST 3K Thunderstorm Wind (EG 52 kt) 07/22/11 15:22 EST 0 Source: State Official Several trees were down on Allen Road. **CLARKE COUNTY --- 3.9 WNW BERRYVILLE [39.18, -78.03]** 07/22/11 15:22 EST 10K Thunderstorm Wind (EG 52 kt) 07/22/11 15:22 EST 0 Source: State Official

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A tree fell onto a house on the 11000 Block of Harry Byrd Highway.

CLARKE COUNTY --- 4.5 S WADESVILLE [39.19, -78.04]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/22/11 15:23 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/22/11 15:23 EST		0	Source: Fire Department/Rescue
Several trees were down to the north and w	vest of Berryville.			
CLARKE COUNTY 0.5 NW BRIGGS [39.	- · · · · · · · · · · · · · · · · · · ·		0.501/	Thursday March (FO 45 II)
	07/22/11 15:29 EST		0.50K 0	Thunderstorm Wind (EG 45 kt)
	07/22/11 15:29 EST		U	Source: State Official
A large limb was down on Lord Fairfax High	nway near Greenway Avenue.			
FAIRFAX COUNTY 0.8 NW SPRING HIL	-			
	07/22/11 15:43 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/22/11 15:43 EST		0	Source: Public
Multiple branches that were three to six incl	hes in diameter were down.			
CLARKE COUNTY 0.7 SW BOYCE [39.0	- · · · · · · · · · · · · · · · · · · ·			
	07/22/11 15:47 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/22/11 15:47 EST		0	Source: State Official
A tree was blocking the intersection of Mair	Street and Old Chapel Avenue.			
CLARKE COUNTY 0.7 WSW BOYCE [39	_			
	07/22/11 15:47 EST		5K	Thunderstorm Wind (EG 50 kt)
			0	Source: Fire Department/Rescue
· 		ets.		·
· 	rsection of Main and Crescent Stre	ets.	0 0	Thunderstorm Wind (EG 56 kt) Source: Public
WARREN COUNTY 2.3 SE RELIANCE [38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST	ets.	0	Thunderstorm Wind (EG 56 kt)
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north	38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST off River Ridge Drive.	ets.	0	Thunderstorm Wind (EG 56 kt)
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north	38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST off River Ridge Drive.	ets.	0	Thunderstorm Wind (EG 56 kt)
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north	38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST off River Ridge Drive.	ets.	0	Thunderstorm Wind (EG 56 kt) Source: Public
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID	38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST off River Ridge Drive. DERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 16:20 EST		0 0 3K 0	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt)
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID	7 Section of Main and Crescent Stre 38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST off River Ridge Drive. DERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 16:20 EST snapped in the area around Benne		0 0 3K 0 verly Hollow.	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt)
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID	78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST 07/22/11 16:00 EST Off River Ridge Drive. OERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 16:20 EST Snapped in the area around Benne OFF STATHER [38.37, -79.15] 07/22/11 19:25 EST		0 0 3K 0 verly Hollow.	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt)
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID Trees were uprooted and large limbs were	7 Section of Main and Crescent Stre 38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST off River Ridge Drive. DERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 16:20 EST snapped in the area around Benne		0 0 3K 0 verly Hollow.	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID Trees were uprooted and large limbs were	78-27 off River Ridge Drive. DERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 19:25 EST 07/22/11 19:25 EST		0 0 3K 0 verly Hollow.	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt)
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID Trees were uprooted and large limbs were a AUGUSTA COUNTY 0.9 ESE CAMP MA Trees were down at camp along Stokesville A hot and humid air mass in place caused	38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST off River Ridge Drive. DERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 16:20 EST snapped in the area around Benne Y FLATHER [38.37, -79.15] 07/22/11 19:25 EST 07/22/11 19:25 EST	it Run Road and O	0 0 3K 0 verly Hollow. 3K 0	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public
Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID Trees were uprooted and large limbs were a AUGUSTA COUNTY 0.9 ESE CAMP MA Trees were down at camp along Stokesville A hot and humid air mass in place caused thunderstorms. The high amounts of insta	7 Section of Main and Crescent Stre 38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST off River Ridge Drive. DERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 16:20 EST snapped in the area around Benne Y FLATHER [38.37, -79.15] 07/22/11 19:25 EST 07/22/11 19:25 EST e Road. If high amounts of instability on the ability caused thunderstorms to poon [37.99, -78.49]	it Run Road and O	0 0 3K 0 verly Hollow. 3K 0	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public
Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID Trees were uprooted and large limbs were a AUGUSTA COUNTY 0.9 ESE CAMP MA Trees were down at camp along Stokesville A hot and humid air mass in place caused thunderstorms. The high amounts of insta	38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST Off River Ridge Drive. DERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 16:20 EST snapped in the area around Benne Y FLATHER [38.37, -79.15] 07/22/11 19:25 EST 07/22/11 19:25 EST 07/22/11 19:25 EST OT/22/11 19:25 EST OT/22/11 19:25 EST OT/22/11 19:25 EST OT/22/11 19:25 EST	it Run Road and O	0 0 3K 0 verly Hollow. 3K 0 ary boundary trigg winds.	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID Trees were uprooted and large limbs were a AUGUSTA COUNTY 0.9 ESE CAMP MA Trees were down at camp along Stokesville A hot and humid air mass in place caused thunderstorms. The high amounts of instance and the county 2.3 WNW SIMEO	7 Section of Main and Crescent Stre 38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST off River Ridge Drive. DERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 16:20 EST snapped in the area around Benne Y FLATHER [38.37, -79.15] 07/22/11 19:25 EST 07/22/11 19:25 EST e Road. If high amounts of instability on the ability caused thunderstorms to poon [37.99, -78.49]	it Run Road and O	0 0 3K 0 verly Hollow. 3K 0	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID Frees were uprooted and large limbs were a AUGUSTA COUNTY 0.9 ESE CAMP MA Frees were down at camp along Stokesville A hot and humid air mass in place caused hunderstorms. The high amounts of instances and the country 2.3 WNW SIMEO	38.97, -78.23] 07/22/11 16:00 EST 07/22/11 16:00 EST Off River Ridge Drive. DERS [38.79, -79.01] 07/22/11 16:20 EST 07/22/11 16:20 EST snapped in the area around Benne Y FLATHER [38.37, -79.15] 07/22/11 19:25 EST 07/22/11 19:25 EST 07/22/11 19:25 EST OT/22/11 19:25 EST OT/22/11 19:25 EST OT/22/11 19:25 EST OT/22/11 19:25 EST	it Run Road and O	0 0 3K 0 verly Hollow. 3K 0 ary boundary trigg winds.	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public
Trees were down on power lines at the inte WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID Trees were uprooted and large limbs were a AUGUSTA COUNTY 0.9 ESE CAMP MA Trees were down at camp along Stokesville A hot and humid air mass in place caused thunderstorms. The high amounts of instance that the county 2.3 WNW SIMEO A tree was down on Scottsville Road. ALBEMARLE COUNTY 1.4 N BLEMHEII	7.22/11 16:00 EST 07/22/11 16:20 EST 07/22/11 16:20 EST 07/22/11 16:20 EST 07/22/11 19:25 EST	it Run Road and O	0 0 3K 0 verly Hollow. 3K 0 ary boundary trigg winds.	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public ered showers and Thunderstorm Wind (EG 50 kt) Source: Public
WARREN COUNTY 2.3 SE RELIANCE [Several trees were down in the forest north ROCKINGHAM COUNTY 2.8 NNW CRID Trees were uprooted and large limbs were AUGUSTA COUNTY 0.9 ESE CAMP MA Trees were down at camp along Stokesville A hot and humid air mass in place caused thunderstorms. The high amounts of instance in the county 2.3 WNW SIMEO A tree was down on Scottsville Road.	7.22/11 16:00 EST 07/22/11 16:20 EST 07/22/11 16:20 EST 07/22/11 16:20 EST 07/22/11 19:25 EST	it Run Road and O	0 0 3K 0 verly Hollow. 3K 0 ary boundary trigg winds.	Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public Thunderstorm Wind (EG 56 kt) Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALBEMARLE COUNTY 1.5 N BLEMHEIM [3	37.92, -78.50]			
	07/23/11 14:00 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/23/11 14:00 EST		0	Source: Public
Two to three branches were blown down in thu	nderstorm wind gusts.			
ALBEMARLE COUNTY 1.9 NNW BLEMHEII	M [37.92, -78.52]			
	07/23/11 14:00 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/23/11 14:00 EST		0	Source: Public
Numerous trees were uprooted and large brand	ches were snapped.			
CULPEPER COUNTY 1.8 ENE WHITE SHO	P [38.44, -78.04]			
	07/23/11 14:05 EST		2K	Thunderstorm Wind (EG 61 kt)
	07/23/11 14:05 EST		0	Source: Public
Several medium-sized trees were snapped.				
CULPEPER COUNTY 0.8 ESE WINSTON [3				
	07/23/11 14:30 EST		2K	Thunderstorm Wind (EG 56 kt)
	07/23/11 14:30 EST		0	Source: State Official
Trees were blocking Zachary Taylor Highway.				
AUGUSTA COUNTY 2.3 E SHERANDO [37.	07/24/11 15:04 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/24/11 15:04 EST		0	Source: State Official
A tree was blown down by a thunderstorm wind	l gust.			
NELSON COUNTY 1.5 SE AVON [37.98, -78	-			
	07/24/11 15:20 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/24/11 15:20 EST		0	Source: State Official
A tree was down on a power line along Durrett	Town Road.			
A pressure trough triggered scattered showe produce damaging wind gusts.	rs and thunderstorms across co	entral Virginia. A	couple thundersto	orms were able to
NELSON COUNTY 4.6 WNW MARTINS STO	DRE [37.92, -78.95]			
	07/25/11 12:20 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/25/11 12:20 EST		0	Source: Public
Windows were blown out of a structure and tree	e damage was also noted.			
A cold front stalled over the area on the 25th. due to a warm and humid air mass caused so				ont. Moderate instability
(VA-Z037) ALBEMARLE, (VA-Z050) ORANGE,		-	IAM, (VA-Z053) FA	IRFAX, (VA-Z054) ARLINGTON,
(VA-Z055) STAFFORD, (VA-Z056) SPOTSYLV			0	Heat
	07/29/11 11:00 EST			Heat
	07/29/11 17:00 EST		0	

Upper-level high pressure provided enough subsidence for hot conditions on the 29th. A southerly flow around surface high pressure over the Atlantic caused humid conditions. Hot and humid conditions caused heat indices over 105 degrees across many locations.

WEST VIRGINIA, East

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MORGAN COUNTY 1.1 ENE STOHR				
	07/03/11 14:43 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/11 14:43 EST		0	Source: Public
A tree along with large branches were d	lown.			
BERKELEY COUNTY 0.5 S NORTH I			414	T
	07/03/11 15:07 EST 07/03/11 15:07 EST		1K 0	Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was down near the intersection of		Road	· ·	course. State Simonal
A cold front passed through the area of moderate instability to develop. The co Some thunderstorms became severe v	ombination of lift associated with the		=	
HAMPSHIRE COUNTY 1.1 W PLEAS	SANTDALE [39.30, -78.60]			
	07/07/11 20:42 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/07/11 20:42 EST		0	Source: Emergency Manager
A tree was down blocking the road at the	e intersection of Routes 29 and 50.			
BERKELEY COUNTY 0.5 SE ARDEN			414	Throad and any Mind (EC 5010)
	07/07/11 21:47 EST 07/07/11 21:47 EST		1K 0	Thunderstorm Wind (EG 50 kt) Source: Fire Department/Rescue
	0//0//11 21:4/ LS1		O	Source. The Department/Nescue
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev	nained over the area, providing coole	and moist air at th	e surface along w	rith cooler air aloft caused
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds. HAMPSHIRE COUNTY 0.7 S CAPON	nained over the area, providing cooled moist air. the combination of warm avelop. A couple thunderstorms that d	and moist air at th eveloped due to th	e surface along w ne instability were	vith cooler air aloft caused able to cause damaging
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds. HAMPSHIRE COUNTY 0.7 S CAPON	nained over the area, providing cooled moist air. the combination of warm avelop. A couple thunderstorms that d	and moist air at th eveloped due to th	e surface along w ne instability were	vith cooler air aloft caused able to cause damaging
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds.	mained over the area, providing cooled moist air. the combination of warm avelop. A couple thunderstorms that define the second of the second	and moist air at th eveloped due to th	e surface along we instability were	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48]	nained over the area, providing cooled moist air. the combination of warm avelop. A couple thunderstorms that do BRIDGE [39.29, -78.45], 0.3 SW CAPA 07/07/11 21:30 EST 07/07/11 23:30 EST	and moist air at th eveloped due to th	e surface along were instability were	vith cooler air aloft caused rable to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain)
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodir A nearly stationary low pressure troug thunderstorms across Hamsphire Cou	nained over the area, providing cooled moist air. the combination of warm avelop. A couple thunderstorms that do I BRIDGE [39.29, -78.45], 0.3 SW CAP 07/07/11 21:30 EST 07/07/11 23:30 EST ng west of Capon Bridge.	and moist air at the eveloped due to the ON BRIDGE [39.30 mosphere aided in	e surface along were instability were 7, -78.45], 1.8 WSW 0 0	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodir A nearly stationary low pressure troug thunderstorms across Hamsphire Cou Capon Bridge. A spotter measured 2.8	nained over the area, providing cooled moist air, the combination of warm avelop. A couple thunderstorms that described by the couple that couple couple the couple that couple the couple that couple the couple couple that couple the couple that couple that couple that couple the couple that couple that couple that couple the couple that couple t	and moist air at the eveloped due to the eveloped due to the eveloped grant from the eveloped grant fr	e surface along were instability were 7, -78.45], 1.8 WSW 0 0 0 the development prompted an isol	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official t of showers and lated flash flood near
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodir A nearly stationary low pressure troug thunderstorms across Hamsphire Cou Capon Bridge. A spotter measured 2.8	nained over the area, providing cooled moist air, the combination of warm avelop. A couple thunderstorms that described by the couple that couple couple the couple that couple the couple that couple the couple couple that couple the couple that couple that couple the couple that coupl	and moist air at the eveloped due to the eveloped due to the eveloped grant from the eveloped grant fr	e surface along were instability were 7, -78.45], 1.8 WSW 0 0 0 the development prompted an isol	vith cooler air aloft caused rable to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official t of showers and lated flash flood near STERN GRANT, (WV-Z503) WESTERN TON
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodir A nearly stationary low pressure troug thunderstorms across Hamsphire Cou Capon Bridge. A spotter measured 2.8 (WV-Z050) HAMPSHIRE, (WV-Z051) MC MINERAL, (WV-Z504) EASTERN MINER	nained over the area, providing cooled moist air. the combination of warm avelop. A couple thunderstorms that do I BRIDGE [39.29, -78.45], 0.3 SW CAPO 07/07/11 21:30 EST 07/07/11 23:30 EST 07/09/11 03:00 EST 07/09/11 02:00 EST 07/09/11 07:38 EST 07/09/11 07:38 EST	and moist air at the eveloped due to the eveloped due to the eveloped grant from the eveloped grant fr	e surface along were instability were 0, -78.45], 1.8 WSW 0 0 0 the development prompted an isol NT, (WV-Z502) EA: STERN PENDLET 0 0	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official t of showers and lated flash flood near STERN GRANT, (WV-Z503) WESTERN TON Dense Fog
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to deviated winds. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodin A nearly stationary low pressure troug thunderstorms across Hamsphire Cou Capon Bridge. A spotter measured 2.8 (WV-Z050) HAMPSHIRE, (WV-Z051) MC MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z50	nained over the area, providing cooled moist air. the combination of warm arelop. A couple thunderstorms that develop. 1 BRIDGE [39.29, -78.45], 0.3 SW CAPPA (7/07/11 21:30 EST 07/07/11 23:30 EST 07/07/11 23:30 EST 07/07/11 23:30 EST 07/09/11 02:00 EST 07/09/11 02:00 EST 07/09/11 07:38 EST during the early morning hours of the fuce areas of dense fog.	and moist air at the eveloped due to the eveloped due to the eveloped grant from the eveloped grant fr	e surface along were instability were instability were of the instability will be instable of the instability of the instability will be instability of the instabil	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official t of showers and lated flash flood near STERN GRANT, (WV-Z503) WESTERN ON Dense Fog
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to deviated. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodin A nearly stationary low pressure troug thunderstorms across Hamsphire Cou Capon Bridge. A spotter measured 2.8 (WV-Z050) HAMPSHIRE, (WV-Z051) MCMINERAL, (WV-Z504) EASTERN MINER Surface high pressure built overhead of amounts of low-level moisture to prod	nained over the area, providing cooled moist air. the combination of warm arelop. A couple thunderstorms that develop. A couple thunderstorm of the couple that the c	and moist air at the eveloped due to the eveloped due to the eveloped grant from the eveloped grant fr	e surface along were instability were 0, -78.45], 1.8 WSW 0 0 0 the development prompted an isol NT, (WV-Z502) EA: STERN PENDLET 0 0	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official t of showers and lated flash flood near STERN GRANT, (WV-Z503) WESTERN TON Dense Fog
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodin A nearly stationary low pressure troug thunderstorms across Hamsphire Cou Capon Bridge. A spotter measured 2.8 (WV-Z050) HAMPSHIRE, (WV-Z051) MCMINERAL, (WV-Z504) EASTERN MINER Surface high pressure built overhead of amounts of low-level moisture to produce the produce of the produc	nained over the area, providing cooled moist air. the combination of warm avelop. A couple thunderstorms that do to the provided in the combination of warm avelop. A couple thunderstorms that do to the provided in the couple thunderstorms that do to the couple thunderstorms that do to the couple thunderstorms that do to the couple that the couple t	and moist air at the eveloped due to the DN BRIDGE [39.30 mosphere aided in high rainfall rates) WESTERN GRA DN, (WV-Z506) EA	e surface along we instability were instability were of the instability with the development of the prompted an isolated of the instability of th	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official t of showers and lated flash flood near STERN GRANT, (WV-Z503) WESTERN TON Dense Fog inds combined with high Thunderstorm Wind (EG 61 kt)
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to deviated. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodin A nearly stationary low pressure troug thunderstorms across Hamsphire Cou Capon Bridge. A spotter measured 2.8 (WV-Z050) HAMPSHIRE, (WV-Z051) MC MINERAL, (WV-Z504) EASTERN MINER Surface high pressure built overhead of amounts of low-level moisture to produce the same of the sam	nained over the area, providing cooled moist air. the combination of warm a velop. A couple thunderstorms that divide a BRIDGE [39.29, -78.45], 0.3 SW CAP 07/07/11 21:30 EST 07/07/11 23:30 EST 07/07/11 02:30 EST 07/09/11 02:30 EST 07/09/11 02:30 EST 07/09/11 07:38 EST 07/09/11 07:38 EST 07/11/11 17:41 EST 08: Route 1 was closed near Hinton Roads	and moist air at the eveloped due to the DN BRIDGE [39.30 mosphere aided in high rainfall rates) WESTERN GRA DN, (WV-Z506) EA	e surface along we instability were instability were of the instability with the development of the prompted an isolated of the instability of th	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official t of showers and lated flash flood near STERN GRANT, (WV-Z503) WESTERN TON Dense Fog inds combined with high Thunderstorm Wind (EG 61 kt)
A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to deviated. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodin A nearly stationary low pressure troug thunderstorms across Hamsphire Cou Capon Bridge. A spotter measured 2.8 (WV-Z050) HAMPSHIRE, (WV-Z051) MC MINERAL, (WV-Z504) EASTERN MINER Surface high pressure built overhead of amounts of low-level moisture to produce the same of the sam	nained over the area, providing cooled moist air. the combination of warm a velop. A couple thunderstorms that divide a BRIDGE [39.29, -78.45], 0.3 SW CAP 07/07/11 21:30 EST 07/07/11 23:30 EST 07/09/11 02:00 EST 07/09/11 02:00 EST 07/09/11 07:38 EST 07/09/11 07:38 EST 07/11/11 17:41 EST 07/11/11 EST 07/11/11 EST 07/11/11/11 EST 07/11/11 EST 07/11/11 EST 07/11/11 EST 07/11/11/11 EST 07/11/11	and moist air at the eveloped due to the DN BRIDGE [39.30 mosphere aided in high rainfall rates) WESTERN GRA DN, (WV-Z506) EA	e surface along we instability were instability were of the instability with the development of the instability of the instabi	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official t of showers and lated flash flood near STERN GRANT, (WV-Z503) WESTERN ON Dense Fog inds combined with high Thunderstorm Wind (EG 61 kt) Source: County Official
Two trees were blocking a road in Arder A mid-level trough of low pressure ren Atlantic ushered in plenty of warm and moderate amounts of instability to dev winds. HAMPSHIRE COUNTY 0.7 S CAPON WSW CAPON BRIDGE [39.29, -78.48] Route 50 was closed due to flash floodir A nearly stationary low pressure troug thunderstorms across Hamsphire Cou Capon Bridge. A spotter measured 2.8 (WV-Z050) HAMPSHIRE, (WV-Z051) MC MINERAL, (WV-Z504) EASTERN MINER Surface high pressure built overhead of amounts of low-level moisture to prod JEFFERSON COUNTY 1.2 SSW MID Trees were down on homes and vehicle	nained over the area, providing cooled moist air. the combination of warm a velop. A couple thunderstorms that divide a BRIDGE [39.29, -78.45], 0.3 SW CAP 07/07/11 21:30 EST 07/07/11 23:30 EST 07/07/11 02:30 EST 07/09/11 02:30 EST 07/09/11 02:30 EST 07/09/11 07:38 EST 07/09/11 07:38 EST 07/11/11 17:41 EST 08: Route 1 was closed near Hinton Roads	and moist air at the eveloped due to the DN BRIDGE [39.30 mosphere aided in high rainfall rates) WESTERN GRA DN, (WV-Z506) EA	e surface along we instability were instability were of the instability with the development of the prompted an isolated of the instability of th	vith cooler air aloft caused able to cause damaging V CAPON BRIDGE [39.29, -78.48], 1.8 Flash Flood (due to Heavy Rain) Source: State Official t of showers and lated flash flood near STERN GRANT, (WV-Z503) WESTERN TON Dense Fog inds combined with high Thunderstorm Wind (EG 61 kt)

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JEFFERSON COUNTY 0.3 NW MIDDLEWA				
	07/11/11 17:43 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/11/11 17:43 EST		0	Source: Emergency Manager
several trees were down in Middleway.				
EFFERSON COUNTY 1.3 SSW MIDDLEW	• ' •			
	07/11/11 17:43 EST		0	Hail (1.00 in)
	07/11/11 17:43 EST		0	Source: Trained Spotter
uarter sized hail was reported near Middlewa	y.			
EFFERSON COUNTY 0.8 N MIDDLEWAY	-			
	07/11/11 17:45 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/11/11 17:45 EST		0	Source: Fire Department/Rescue
lultiple trees were down along Leetown road.				
IAMPSHIRE COUNTY 1.1 ENE HAMPSHIR				
	07/11/11 17:59 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/11/11 17:59 EST		0	Source: State Official
tree fell onto South Branch River Road.				
showers and thunderstorms. Thunderstorms	0.34, -77.79]	d large hail.		
		d large hail.	1K 0	Thunderstorm Wind (EG 52 kt) Source: NWS Employee
EFFERSON COUNTY 0.9 SSW ENGLE [39	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST	d large hail.		
EFFERSON COUNTY 0.9 SSW ENGLE [39	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion.	d large hail.	0	Source: NWS Employee
EFFERSON COUNTY 0.9 SSW ENGLE [39	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. (N [39.34, -77.81] 07/19/11 17:45 EST	d large hail.	0 2K	Source: NWS Employee Thunderstorm Wind (EG 56 kt)
EFFERSON COUNTY 0.9 SSW ENGLE [39	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion.	d large hail.	0	Source: NWS Employee
	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. (N [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST		0 2K	Source: NWS Employee Thunderstorm Wind (EG 56 kt)
EFFERSON COUNTY 0.9 SSW ENGLE [39 a tree was down in the Meadow Brook Subdividence was down in the Meadow Brook Subdividence was down on the 12 NNW HALLTOW arge branches were down on several Pear Tree a cold front passed through the area on the 12 nstability to develop. The instability combine	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. (N [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove	d from a home.	0 2K 0 oundary caused m	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter
EFFERSON COUNTY 0.9 SSW ENGLE [39] A tree was down in the Meadow Brook Subdivision EFFERSON COUNTY 1.2 NNW HALLTOW arge branches were down on several Pear Tree A cold front passed through the area on the finistability to develop. The instability combine thunderstorms produced damaging wind gus	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. (N [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove 19th. A warm and moist air mased with forcing from the front tests.	d from a home.	2K 0 oundary caused m and thunderstorn	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter oderate amounts of ns. A couple
EFFERSON COUNTY 0.9 SSW ENGLE [39] tree was down in the Meadow Brook Subdivision EFFERSON COUNTY 1.2 NNW HALLTOW arge branches were down on several Pear Transcold front passed through the area on the firstability to develop. The instability combine nunderstorms produced damaging wind gus	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. (N [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove ed with forcing from the front tosts.	d from a home.	2K 0 Dundary caused m and thunderstorn	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter
EFFERSON COUNTY 0.9 SSW ENGLE [39] It tree was down in the Meadow Brook Subdivision EFFERSON COUNTY 1.2 NNW HALLTOW arge branches were down on several Pear Trees It cold front passed through the area on the firstability to develop. The instability combine the condensation of the second country o	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. (N [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove 19th. A warm and moist air mased with forcing from the front tests.	d from a home.	2K 0 oundary caused m and thunderstorn	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter oderate amounts of ns. A couple
EFFERSON COUNTY 0.9 SSW ENGLE [39] It tree was down in the Meadow Brook Subdivision EFFERSON COUNTY 1.2 NNW HALLTOW arge branches were down on several Pear Tree a cold front passed through the area on the 4 instability to develop. The instability combine inunderstorms produced damaging wind gus NV-Z504) EASTERN MINERAL	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. IN [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove 19th. A warm and moist air mased with forcing from the front tosts. 07/21/11 12:17 EST 07/21/11 17:00 EST	d from a home. ss ahead of the bo o trigger showers	2K 0 Dundary caused m and thunderstorn	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter oderate amounts of ns. A couple
tree was down in the Meadow Brook Subdividence was down on several Pear Trees. Cold front passed through the area on the first ability to develop. The instability combined in the complete was produced damaging wind gus WV-Z504) EASTERN MINERAL	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. IN [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove 19th. A warm and moist air mased with forcing from the front tosts. 07/21/11 12:17 EST 07/21/11 17:00 EST	d from a home. ss ahead of the bo o trigger showers	2K 0 Dundary caused m and thunderstorn	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter oderate amounts of ns. A couple
EFFERSON COUNTY 0.9 SSW ENGLE [39] It tree was down in the Meadow Brook Subdivision EFFERSON COUNTY 1.2 NNW HALLTOW arge branches were down on several Pear Tree a cold front passed through the area on the 4 instability to develop. The instability combine inunderstorms produced damaging wind gus NV-Z504) EASTERN MINERAL	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. IN [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove 19th. A warm and moist air mased with forcing from the front tests. 07/21/11 12:17 EST 07/21/11 17:00 EST	d from a home. ss ahead of the bo o trigger showers	2K 0 coundary caused m and thunderstorn 0 0	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter oderate amounts of ns. A couple Excessive Heat
EFFERSON COUNTY 0.9 SSW ENGLE [39 A tree was down in the Meadow Brook Subdivi-	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. (N [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove ed with forcing from the front to sis. 07/21/11 12:17 EST 07/21/11 17:00 EST 1, (WV-Z504) EASTERN MINER/ 07/21/11 18:00 EST 07/21/11 18:00 EST	d from a home. ss ahead of the bootrigger showers AL	2K 0 coundary caused mand thunderstorn 0 0 0 0 Surface high pres	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter oderate amounts of ns. A couple Excessive Heat Heat
EFFERSON COUNTY 0.9 SSW ENGLE [39] A tree was down in the Meadow Brook Subdivis EFFERSON COUNTY 1.2 NNW HALLTOW arge branches were down on several Pear Tree A cold front passed through the area on the 4 instability to develop. The instability combine thunderstorms produced damaging wind gus WV-Z504) EASTERN MINERAL WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN Upper-level high pressure provided enough s aused moist air to move into the region from legrees in some locations.	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. (N [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove 19th. A warm and moist air mased with forcing from the front totals. 07/21/11 12:17 EST 07/21/11 17:00 EST 1, (WV-Z504) EASTERN MINERA 07/21/11 18:00 EST 07/21/11 18:00 EST subsidence to cause hot condition the south. The combination of	d from a home. ss ahead of the bootrigger showers AL tions on the 21st. of the heat and hu	2K 0 coundary caused mand thunderstorn 0 0 0 0 Surface high pres	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter oderate amounts of ns. A couple Excessive Heat Heat
EFFERSON COUNTY 0.9 SSW ENGLE [39] A tree was down in the Meadow Brook Subdivis EFFERSON COUNTY 1.2 NNW HALLTOW arge branches were down on several Pear Tree A cold front passed through the area on the free stability to develop. The instability combine thunderstorms produced damaging wind gus WV-Z504) EASTERN MINERAL WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN Upper-level high pressure provided enough saused moist air to move into the region from	0.34, -77.79] 07/19/11 17:35 EST 07/19/11 17:35 EST sion. (N [39.34, -77.81] 07/19/11 17:45 EST 07/19/11 17:45 EST ees. Shingles were also remove 19th. A warm and moist air mased with forcing from the front totals. 07/21/11 12:17 EST 07/21/11 17:00 EST 1, (WV-Z504) EASTERN MINERA 07/21/11 18:00 EST 07/21/11 18:00 EST subsidence to cause hot condition the south. The combination of	d from a home. ss ahead of the bootrigger showers AL tions on the 21st. of the heat and hu	2K 0 coundary caused mand thunderstorn 0 0 0 0 Surface high pres	Source: NWS Employee Thunderstorm Wind (EG 56 kt) Source: Trained Spotter oderate amounts of ns. A couple Excessive Heat Heat

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

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/22/11 10:00 EST		0	Excessive Heat
	07/22/11 14:00 EST		0	
Strong upper-level high pressure built ov to move into the region from the south. S temperatures near degrees. The combination	trong subsidence underneath the	upper-level high	caused hot condit	ions with air
MORGAN COUNTY 1.8 ENE POTOMAC	• •		FIX	Thursdown Wind (FO 50 H)
	07/22/11 12:56 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/22/11 12:56 EST		0	Source: Trained Spotter
Several large trees were down and numero	ous large branches were down for a	two mile stretch in	vicinity of River Ro	oad.
HAMPSHIRE COUNTY 1.0 WNW PURG	ITSVILLE [39.23, -78.94]			
	07/22/11 13:12 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/22/11 13:12 EST		0	Source: State Official
Trees were down on Huffman Road near R	coute 220.			
HAMPSHIRE COUNTY 0.1 W LEVELS [39.4878.551			
	07/22/11 13:16 EST		1K	Thunderstorm Wind (EG 56 kt)
	07/22/11 13:16 EST		0	Source: State Official
A tree was down in Levels near the intersec	ction of Little Cacapon and Levels F	Roads.		
MORGAN COUNTY 1.3 SSE BERKELEY	Y SPGS [39.61, -78.22]			
	07/22/11 13:33 EST		4K	Thunderstorm Wind (EG 52 kt)
	07/22/11 13:33 EST		0	Source: Trained Spotter
Seven trees were blown down that were on	ne to two feet in diameter.			
HAMPSHIRE COUNTY 2.1 NNW POINTS	S [39.46, -78.64]			
	07/22/11 13:38 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/22/11 13:38 EST		0	Source: State Official
Trees were down near Campbell Road and	Springfield Pike.			
BERKELEY COUNTY HAINESVILLE [39	9.53, -77.92]			
•	07/22/11 13:51 EST		2K	Thunderstorm Wind (EG 56 kt)
	07/22/11 13:51 EST		0	Source: Emergency Manager
Trees were down on St. Andrews Drive nea	ar Williamsport Pike and Bedington	Road.		
BERKELEY COUNTY 0.9 SW HAINESV	• •			
	07/22/11 13:52 EST		2K	Thunderstorm Wind (EG 56 kt)
	07/22/11 13:52 EST		0	Source: State Official
A tree fell onto power lines near the interse	ection of Williamsport Pike and Railro	oad Drive.		
BERKELEY COUNTY 3.2 WNW MARLO	OWE [39.59, -77.93]			
	07/22/11 14:00 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/22/11 14:00 EST		0	Source: Trained Spotter
Tree branches were down near Grade Roa	d and Vineyard Road.			
BERKELEY COUNTY 1.0 W FALLING W	VATERS [39.55, -77.92]			
	07/22/11 14:03 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/22/11 14:03 EST		0	Source: Trained Spotter

Several branches that were six to eight inches in diameter were down. A large tree was knocked onto power lines near the intersection of St. Andrews Drive and Spring Mills Road.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRANT COUNTY 2.1 S MAY	SVILLE [39.09, -79.17]			
	07/22/11 15:50 EST		0	Thunderstorm Wind (EG 52 kt)
	07/22/11 15:50 EST		0	Source: Trained Spotter
A storm spotter estimated wind	gusts to be around 60 mph.			
GRANT COUNTY 0.9 E CAB				
	07/22/11 16:00 EST		3K	Thunderstorm Wind (EG 52 kt)
			0	Source: State Official
	07/22/11 16:00 EST		U	Course. State Official
	across the roadway near the intersection Corne	ers Road and North		Course. State Official
	across the roadway near the intersection Corne	ers Road and North		Thunderstorm Wind (EG 50 kt)
A few trees were knocked down	across the roadway near the intersection Corne	ers Road and North	n Fork Highway.	
HARDY COUNTY 0.9 NNE D	across the roadway near the intersection Corne URGON [38.99, -79.05] 07/22/11 16:20 EST		n Fork Highway.	Thunderstorm Wind (EG 50 kt)
HARDY COUNTY 0.9 NNE DI Two trees were down across Du A hot and humid air mass in pl	across the roadway near the intersection Corne URGON [38.99, -79.05] 07/22/11 16:20 EST 07/22/11 16:20 EST	ver lines. 22nd. A stationar	Pork Highway. 2K 0 y boundary trigg	Thunderstorm Wind (EG 50 kt) Source: State Official
HARDY COUNTY 0.9 NNE DI Two trees were down across Du A hot and humid air mass in pl	across the roadway near the intersection Cornel URGON [38.99, -79.05] 07/22/11 16:20 EST 07/22/11 16:20 EST urgan Road as well as several branches and powers of instability on the lants of instability caused thunderstorms to pro-	ver lines. 22nd. A stationar	Pork Highway. 2K 0 y boundary trigg	Thunderstorm Wind (EG 50 kt) Source: State Official
HARDY COUNTY 0.9 NNE DO Two trees were down across Do A hot and humid air mass in pl thunderstorms. The high amou	across the roadway near the intersection Cornel URGON [38.99, -79.05] 07/22/11 16:20 EST 07/22/11 16:20 EST urgan Road as well as several branches and powers of instability on the lants of instability caused thunderstorms to pro-	ver lines. 22nd. A stationar	Pork Highway. 2K 0 y boundary trigg	Thunderstorm Wind (EG 50 kt) Source: State Official

Trees were knocked down onto power lines.

A weak cold front triggered scattered showers and thunderstorms across eastern West Virginia. Moderate instability ahead of the front caused an isolated thunderstorm to produce damaging winds.

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