Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg ATLANTIC NORTH TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88] 07/01/16 09:59 EST Marine Thunderstorm Wind (MG 68 kt) 07/01/16 10:14 EST 0 Source: Buoy Wind gusts of 38 to 68 knots were reported at Crisfield. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88] 07/01/16 14:29 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/01/16 14:29 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported at Crisfield. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88] 07/01/16 14:48 FST Marine Thunderstorm Wind (MG 35 kt) 07/01/16 14:54 EST 0 Source: Buoy Wind gusts up to 35 knots were measured at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25] 07/01/16 16:30 EST Marine Thunderstorm Wind (EG 34 kt) 07/01/16 16:30 EST O Source: Mesonet A wind gust in excess of 30 knots was Tolchesther. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- PATAPSCO BUOY (44043) [39.15, -76.39] 07/01/16 16:50 EST Marine Thunderstorm Wind (MG 37 kt) 07/01/16 16:50 EST 0 Source: Buoy A wind gust of 37 knots was reported at the Patapsco Buoy. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44] 07/01/16 17:11 EST n Marine Thunderstorm Wind (MG 36 kt) 07/01/16 17:46 EST 0 Source: Mesonet Wind gusts up to 36 knots were reported at Tolly Point. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.5 E GREENBERRY POINT (GBY) [38.97, -76.45] 07/01/16 17:20 EST Marine Thunderstorm Wind (MG 36 kt) 07/01/16 17:30 EST 0 Source: Buoy Wind gusts up to 36 knots were reported at the Annapolis Buoy and also Greenberry Point. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SANDY POINT (SPT) [39.01, -76.40] 07/01/16 17:31 EST Marine Thunderstorm Wind (MG 36 kt) 0 07/01/16 17:41 EST Source: Buoy Wind gusts of 34 to 36 knots were reported at Sandy Point. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44] 07/01/16 17:55 EST Marine Thunderstorm Wind (MG 39 kt) 07/01/16 17:55 EST 0 Source: Buoy A wind gust of 39 knots was reported at Thomas Point Lighthouse. CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSES REEF BUOY (44062) [38.56, -76.41] 07/01/16 19:30 FST Marine Thunderstorm Wind (MG 35 kt) n 07/01/16 19:30 EST O Source: Buoy

A wind gust of 35 knots was reported Gooses Reef.

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Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dmg	
HESAPEAKE BAY N BEACH TO DRUM		EL CHESAPEAK	, ,	
	07/01/16 21:35 EST		0	Marine Thunderstorm Wind (MG 65 kt)
	07/01/16 21:45 EST		0	Source: Buoy
/ind gusts of 38 to 65 knots were reported	d at Herring Bay.			
cold front passed through the area on considerations on an unstable atmosphere. The instability nunderstorms produced gusty winds dutmosphere.	y combined with lift from the cold f	ront caused thur	nderstorms to deve	elop. Some
TIDAL POTOMAC INDIAN HD TO COBB IS	S MD COUNTY MONROE CREEK	(MON) [38.23, -7	6.95]	
	07/04/16 17:32 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/04/16 17:32 EST		0	Source: Buoy
wind gust of 34 knots was reported at Mo	onroe Creek.			
An isolated thunderstorm produced gust	y winds.			
FIDAL POTOMAC INDIAN HD TO COBB IS	S MD COUNTY 1.5 E BABAR POI	NT (BAB) [38.31,	-77.00]	
	07/08/16 17:20 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/08/16 17:20 EST		0	Source: Mesonet
A wind gust of 37 knots was reported at Py	lons.			
FIDAL POTOMAC INDIAN HD TO COBB IS		33 (LT3) [38.34,	-	
	07/08/16 17:20 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/08/16 17:25 EST		0	Source: Buoy
Vind gusts of 36 to 42 knots were reported	d at Potomac Lighthouse.			
FIDAL POTOMAC INDIAN HD TO COBB IS	S MD COUNTY CUCKOLD CREE 07/08/16 17:24 EST	K (CCK) [38.31, -7	76.93]	Marina Thundaratorm Wind (MC 20 kt)
	07/08/16 17:29 EST		0	Marine Thunderstorm Wind (MG 39 kt) Source: Buoy
	07/00/10 17:29 231		U	Source. Buoy
Wind gusts up to 39 knots were reported a	t Cuckold Creek.			
A cold front passed through the area trig	gering a few showers and thunders	storms. A few thu	nderstorms produ	ced gusty winds.
TIDAL POTOMAC INDIAN HD TO COBB IS		ANIA STATE PAR	· , - ·	-
	07/09/16 15:15 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/09/16 15:20 EST		0	Source: Mesonet
Wind gusts up to 37 knots were reported at	t Occoquon.			
TIDAL POTOMAC INDIAN HD TO COBB IS		G) [38.51, -77.30]	•	
	07/09/16 15:57 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	07/09/16 15:59 EST		0	Source: AWOS
Nind gusts of 34 to 51 knots were reported	l at Quantico.			
CHESAPEAKE BAY N BEACH TO DRUM	PT MD COUNTY GOOSES REEF 07/09/16 16:50 EST	BUOY (44062) [38	8. 56 , - 76.41]	Marine Thursderstorm Wind (MC 27 Lt)
	07/09/16 16:50 EST		0	Marine Thunderstorm Wind (MG 37 kt) Source: Buoy
Wind gusts of 35 to 37 knots were reported			v	300,00. 200y
TANGIER SOUND AND THE INLAND WAT	FRS SURROUNDING BLOODSWOL	STH ISI AND COL	INTY RACCOO	N POINT (RAC) [38 14 -75 79]
TANGLER SOUND AND THE INLAND WAT	07/09/16 18:59 EST	VIII ISLAND CUL	0	Marine Thunderstorm Wind (MG 39 kt)
	07/09/16 19:04 EST		0	Source: Buoy
				•

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Wind gusts of 36 to 39 knots were reported at Raccoon Point.

Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg A cold front passed through the area triggering a few showers and thunderstorms. A few thunderstorms produced gusty winds. TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30] Marine Thunderstorm Wind (MG 41 kt) 07/16/16 16:47 EST 0 07/16/16 17:02 EST 0 Source: AWOS Wind gusts of 38 to 41 knots were reported at Quantico. TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.3 SE UPPER POTOMAC BUOY (44061) [38.79, -77.04] Marine Thunderstorm Wind (MG 35 kt) 07/16/16 17:00 EST 07/16/16 17:00 EST 0 Source: Buoy A wind gust of 35 knots was reported. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37] 07/16/16 17:08 EST Marine Thunderstorm Wind (MG 39 kt) 07/16/16 17:08 EST 0 Source: Buoy A wind gust of 39 knots was reported at Hart Miller Island. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- PATAPSCO BUOY (44043) [39.15, -76.39] 07/16/16 17:10 EST Marine Thunderstorm Wind (MG 47 kt) 07/16/16 17:30 EST 0 Source: Buoy Wind gusts up to 47 knots were reported at the Patapsco Buoy. TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00] Marine Thunderstorm Wind (EG 34 kt) 07/16/16 17:25 EST 07/16/16 17:25 EST 0 Source: Mesonet Wind gusts in excess of 30 knots were reported at Pylons. TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00] 07/16/16 17:29 EST Marine Thunderstorm Wind (EG 34 kt) 07/16/16 17:29 EST 0 Source: Mesonet A wind gust in excess of 30 knots was reported at Pylons. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25] 07/16/16 17:36 EST Marine Thunderstorm Wind (MG 40 kt) 07/16/16 17:42 EST n Source: Buoy Wind gusts of 37 to 40 knots were reported at Tolchester Beach. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44] 07/16/16 17:36 EST 0 Marine Thunderstorm Wind (MG 36 kt) 07/16/16 17:56 EST 0 Source: Buoy Wind gusts up to 36 knots were reported at Tolly Point. TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99] Marine Thunderstorm Wind (EG 34 kt) 07/16/16 17:40 EST 07/16/16 17:40 EST 0 Source: Mesonet Wind gusts in excess of 30 knots were reported at the Potomac Lighthouse. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- GUNPOWDER (GUN) [39.36, -76.37] 07/16/16 17:44 EST Marine Thunderstorm Wind (EG 34 kt) 0 07/16/16 17:44 EST Source: Buoy Wind gusts in excess of 30 knots were reported at Gunpowder.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BE		POINT (GBY) [38		
	07/16/16 17:44 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/16/16 17:44 EST		0	Source: Buoy
Vind gusts up to 35 knots were reported	at Greenbury Point.			
CHESAPEAKE BAY SANDY PT TO N BE		IT (TPLM2) [38.90	=	Marine Thursdaystern Wind (MC 24 lt)
	07/16/16 17:45 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/16/16 17:45 EST		U	Source: Buoy
A wind gust of 34 knots was reported at T	Thomas Point Lighthouse.			
Southerly flow ushered in hot and humi some thunderstorms, and some were so	- -	centered in the At	lantic. High amour	nts of instability led to
PATAPSCO RIVER INCLUDING BALTIM		RE (BLTM2) [39.2	7, -76.58]	
	07/18/16 15:09 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/18/16 15:19 EST		0	Source: Buoy
Wind gusts up to 35 knots were reported	at the Baltimore Key Bridge.			
CHESAPEAKE BAY POOLES IS TO SAM		R (GUN) [39.36, -7	-	
	07/18/16 15:14 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/18/16 15:34 EST		0	Source: Buoy
Wind gusts of 34 to 41 knots were reported	ed at Gunpowder.			
CHESAPEAKE BAY POOLES IS TO SAM	NDY PT MD COUNTY TOLCHESTE	R MD (TCBM2) [3	9.32, -76.25]	
	07/18/16 15:18 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/18/16 15:18 EST		0	Source: Buoy
A wind gust of 39 knots was reported at T	Tolchester Beach.			
PATAPSCO RIVER INCLUDING BALTIM		RE KEY BRIDGE		-
	07/18/16 15:18 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/18/16 15:18 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were re	ported at the Key Bridge.			
TIDAL POTOMAC KEY BRIDGE TO INDI		SHINGTON DC (W		-
	07/18/16 15:18 EST 07/18/16 15:30 EST		0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet
	07/10/10 13.30 E31		U	Cource. IVIESUREL
Wind gusts up to 37 knots were reported.				
TIDAL POTOMAC INDIAN HD TO COBB		G) [38.51, -77.30]		Marine Thursday to the 1/4/0 (201)
	07/18/16 15:19 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	07/18/16 15:19 EST		0	Source: AWOS
A wind gust of 48 knots was reported at C	Quantico.			
CHESAPEAKE BAY POOLES IS TO SAN	NDY PT MD COUNTY (KMTN)MAR 07/18/16 15:20 EST	TIN STATE AIRPO	RT [39.33, -76.42]	Marine Thunderstorm Wind (MG 35 kt)
	07/18/16 15:20 EST		0	Source: AWOS
A wind gust of 35 knots was reported at N			ū	
TIDAL POTOMAC INDIAN HD TO COBB	IS MD COUNTY 3.3 FSF I FESYLV	/ANIA STATE PAR	K (LSLVN) 138 64	-77.201
TIDAL I OTOMIAO MUDIAN TID TO COBB	07/18/16 15:20 EST	ISMIN VINIE PAP	0 (LSEVIA) [36.64,	Marine Thunderstorm Wind (MG 38 kt)
	07/18/16 15:25 EST		0	Source: Mesonet
	· · · · · · · · · · · · · · · · · · ·			

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Wind gusts up to 38 knots were reported at Occoquan.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY (IOCA)REAGAN NATIONAL AIRPORT (BASE, 17.03) OPTINE 15 (20 EST 0 Source: ASUS) Wind guids up to 40 knots were reported at Reagan National. CHESAPEAKE BAY N OF POOLES IS MD COUNTY CROVE POINT (GVP) (B46, 76.04) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 35 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 35 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 35 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 35 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 41 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 41 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 41 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 41 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 45 kt) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 35 kt)) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 35 kt)) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 35 kt)) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 35 kt)) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 35 kt)) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 36 kt)) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 36 kt)) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 40 kt)) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 40 kt)) OPTINE 15 (30 EST 0 Marine Thunderstorm Wind (MG 40 kt)) OPTINE 15 (15 EST 0 Marine Thunderstorm Wind (MG 40 kt)) OPTINE 15 (15 EST 0 Marine Thunder	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
### A STAND COUNTY — ROUND SUPPORT (SUP) (39.40, -76.94) ### A STAND COUNTY — ROUND COUNTY — ROUND COUNTY — POTOMAC LIGHT 33 (LT3) (38.34, -76.99) ### A STAND COUNTY — POTOMAC INCH 35 (AS IN) ### A STAND COUNTY — POTOMAC INCH 35 (AS IN) ### A STAND COUNTY — ROUND REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUND REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUND REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUND REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUND REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUND REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNT REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNTY — ROUND REEL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNTY — ROUNT REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNTY — ROUNTY — ROUNT REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNTY — ROUNT REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNTY — ROUNTY — ROUNT REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNTY — ROUNT REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNTY — ROUNT REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNTY — ROUNTY — ROUNT REAL CHESAPEAKE BEACH (CHSRL) (38.69, -76.53) ### A STAND COUNTY — ROUNTY —	FIDAL POTOMAC KEY BRIDGE TO INDIAN HD	MD COUNTY (DCA)REAGA	N NATIONAL AIR	PORT [38.86, -77.0	3]
Wind gusts up to 40 knots were reported at Reagan National. CHESAPEAKE BAY N OF POOLES IS MD COUNTY — GROVE POINT (GVP) [39.40, -76.94] O718/16 (5:30 EST 0 Source: Mesonet Wind gusts up to 35 knots were reported at Grove Point. CIDAL POTOMAC KEY BRIDGE TO INDIAN HO MD COUNTY — 63 SE UPPER POTOMAC BUOY (44061) [38.79, -77.84] O718/16 (5:30 EST 0 Source: Buoy Wind gusts up to 41 knots were reported at the Upper Potomac Buoy. CIDAL POTOMAC NEY BRIDGE TO INDIAN HO MD COUNTY — 63 SE UPPER POTOMAC BUOY (44061) [38.79, -77.84] O718/16 (5:40 EST 0 Source: Buoy CIDAL POTOMAC INDIAN HO TO COBB IS MD COUNTY — BABAR POINT (8AB) [38.31, -77.03] O718/16 (5:40 EST 0 Source: Buoy CIDAL POTOMAC INDIAN HO TO COBB IS MD COUNTY — BABAR POINT (8AB) [38.31, -77.03] O718/16 (5:50 EST 0 Source: Buoy CIDAL POTOMAC INDIAN HO TO COBB IS MD COUNTY — POTOMAC LIGHT 33 (LT3) [38.34, -76.99] O718/16 (5:50 EST 0 Source: Buoy CIDAL POTOMAC INDIAN HO TO COBB IS MD COUNTY — POTOMAC LIGHT 33 (LT3) [38.34, -76.99] O718/16 (5:00 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — TOLLY POINT (TOL.) [38.94, -76.44] O718/16 (5:00 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] O718/16 (5:00 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HERRING BAY (HRB) [38.73, -76.54] O718/16 (5:00 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HERRING BAY (HRB) [38.73, -76.54] O718/16 (5:00 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HERRING BAY (HRB) [38.73, -76.54] O718/16 (5:00 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — THOMAS POINT (TPLM2) [38.90, -76.44] O718/16 (5:00 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — THOMAS POINT (TPLM2) [38.90, -76.44] O718/16 (5:00 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — THOMAS POINT (TPLM2) [38.90, -76.44] O718/16 (6:00 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — THOMAS POINT (TP		07/18/16 15:20 EST		0	
PRESAPEAKE BAY N OF POOLES IS MD COUNTY — GROVE POINT (GVP) [39.40, -76.04] O7718/16 15:30 EST 0 Source: Mesonet Wind gusts up to 35 knots were reported at Grove Point (MG 35 ki) O7748/16 15:30 EST 0 Source: Mesonet IDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY — 0.3 SE UPPER POTOMAC BUOY (44061) [38.73, -77.44] O7748/16 15:30 EST 0 Source: Buoy Wind gusts up to 41 knots were reported at the Upper Potomac Buoy Wind gusts up to 41 knots were reported at the Upper Potomac Buoy Wind gusts up to 41 knots were reported at the Upper Potomac Buoy Wind gusts up to 45 knots were reported at Baber Point. IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — BABAR POINT (BAB) [38.31, -77.05] O7718/16 15:30 EST 0 Marine Thunderstorm Wind (MG 45 ki) O7718/16 15:30 EST 0 Marine Thunderstorm Wind (MG 45 ki) O7718/16 16:30 EST 0 Marine Thunderstorm Wind (MG 45 ki) O7718/16 16:30 EST 0 Marine Thunderstorm Wind (MG 45 ki) O7718/16 16:30 EST 0 Marine Thunderstorm Wind (MG 35 ki) O7718/16 16:30 EST 0 Source: Mesonet PRESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — TOLLY POINT (TOL) [38.94, -78.44] O7718/16 16:30 EST 0 Source: Buoy Wind gusts of 36 to 45 knots were reported at Tolly Point. PRESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] O7718/16 16:30 EST 0 Source: Mesonet PRESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HORN N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] O7718/16 16:00 EST 0 Source: Mesonet PRESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HORN N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] O7718/16 16:00 EST 0 Source: Mesonet PRESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HORN N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] O7718/16 16:00 EST 0 Source: Mesonet PRESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HORN N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] O7718/16 16:00 EST 0 Source: Mesonet O7718/16 16:00 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Hering Bay. PRESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HORN N		07/18/16 15:34 EST		0	Source: ASOS
O7718/16 15:30 EST 0 Marine Thunderstorm Wind (MG 35 kt)	Vind gusts up to 40 knots were reported at Reag	an National.			
O7/18/16 15:30 EST 0 Source: Mesonet Wind gusts up to 35 knots were reported at Grove Point. IDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY — 0.3 SE UPPER POTOMAC BUCY (44661) [38.79, -77.04] O7/18/16 15:30 EST 0 Source: Bucy Wind gusts up to 41 knots were reported at the Upper Potomac Bucy. IDAL POTOMAC INDIAN HD TO COBB IS MO COUNTY — BABAR POINT (BAB) [38.31, -77.03] O7/18/16 15:50 EST 0 Source: Bucy Wind gusts up to 45 knots were reported at Baber Point. IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — POTOMAC LIGHT 33 (LT3) [38.34, -76.99] O7/18/16 15:50 EST 0 Marine Thunderstorm Wind (MG 45 kt) O7/18/16 15:50 EST 0 Marine Thunderstorm Wind (MG 45 kt) O7/18/16 16:00 EST 0 Marine Thunderstorm Wind (MG 45 kt) Wind gusts of 36 to 45 knots were reported. Wind gusts of 36 to 45 knots were reported. HESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — TOLLY POINT (TOL) [38.94, -76.44] O7/18/16 16:00 EST 0 Marine Thunderstorm Wind (MG 35 kt) O7/18/16 16:00 EST 0 Marine Thunderstorm Wind (MG 38 kt) O7/18/16 16:00 EST 0 Marine Thunderstorm Wind (MG 38 kt) O7/18/16 16:00 EST 0 Marine Thunderstorm Wind (MG 38 kt) O7/18/16 16:00 EST 0 Marine Thunderstorm Wind (MG 38 kt) O7/18/16 16:00 EST 0 Source: Bucy Wind gusts of 38 knots was reported at Chrisfield. HESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HERRING BAY (HRB) [38.73, -76.44] O7/18/16 16:00 EST 0 Marine Thunderstorm Wind (MG 38 kt) O7/18/16 16:00 EST 0 Source: Bucy Wind gusts in excess of 30 knots were reported at Herring Bay. HESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — HERRING BAY (HRB) [38.73, -76.44] O7/18/16 16:00 EST 0 Source: Bucy Wind gusts in excess of 30 knots were reported at Herring Bay. HESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY — THOMAS POINT (TPLM2) [38.90, -76.44] O7/18/16 16:00 EST 0 Source: Bucy Wind gust of 40 knots was reported at Thomas Point (TPLM2) [38.90, -76.44] O7/18/16 16:00 EST 0 Source: Bucy	HESAPEAKE BAY N OF POOLES IS MD COUN		[39.40, -76.04]		
Wind gusts up to 35 knots were reported at Grove Point. IDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 0.3 SE UPPER POTOMAC BUOY (44061) [38.79, -77.04] O7/16/16 15.30 EST 0		07/18/16 15:30 EST			
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 0.3 SE UPPER POTOMAC BUDY (44061) [38.79, -77.04] 07/18/16 15:30 EST 07/18/16 15:40 EST 0 Source: Budy Vind gusts up to 41 knots were reported at the Upper Potomac Budy. IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY BABAR POINT (BAB) [38.31, -77.03] 07/18/16 15:55 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 15:55 EST 0 Source: Budy Vind gusts up to 45 knots were reported at Baber Point. IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY POTOMAC LIGHT 33 (LT3) [38.34, -76.99] 07/18/16 15:55 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 16:00 EST 0 Source: Mesonet Vind gusts of 36 to 45 knots were reported. SHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL.) [38.94, -76.44] 07/18/16 16:06 EST 0 Source: Budy Vind gust of 35 knots was reported at Tolly Point CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] 07/18/16 16:06 EST 0 Source: Mesonet Vind gust of 38 knots was reported at Christileid. Vind gust of 38 knots was reported at Christileid. Vind gust of 38 knots was reported at Christileid. Vind gust of 38 knots was reported at Christileid. Vind gusts of 38 knots was reported at Christileid. Vind gust of 38 knots was reported at Christileid. Vind gust of 38 knots was reported at Christileid. Vind gust of 38 knots was reported at Christileid. Vind gust of 40 knots were reported at Herring Bay. Vind gust of 40 knots were reported at Herring Bay. Vind gust of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point.		07/18/16 15:30 EST		0	Source: Mesonet
### A COUNTY ROLLY POINT (TOLL) [38.94, -76.44] ### Of/18/16 16:05 EST #	Vind gusts up to 35 knots were reported at Grove	Point.			
Wind gusts up to 41 knots were reported at the Upper Potomac Bucy. IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY BABAR POINT (BAB) [38.31, -77.03] 07/18/16 15:56 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 15:56 EST 0 Source: Bucy Vind gusts up to 45 knots were reported at Baber Point. IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY POTOMAC LIGHT 33 (LT3) [38.34, -76.89] 07/18/16 15:50 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 16:00 EST 0 Source: Mesonet Vind gusts of 36 to 45 knots were reported. Vind gusts of 36 to 45 knots were reported. Vind gusts of 36 to 45 knots were reported. Vind gusts of 36 to 45 knots were reported. Vind gusts of 36 to 45 knots were reported. Vind gusts of 36 knots was reported at Tolly Point. Vind gust of 36 knots was reported at Tolly Point. Vind gust of 36 knots was reported at Tolly Point. Vind gust of 36 knots was reported at Tolly Point. Vind gust of 36 knots was reported at Tolly Point. Vind gust of 38 knots was reported at Tolly Point. Vind gust of 38 knots was reported at Chrisfield. Vind gust of 38 knots was reported at Chrisfield. Vind gust of 38 knots was reported at Chrisfield. Vind gust of 38 knots was reported at Chrisfield. Vind gust of 38 knots was reported at Chrisfield. Vind gust of 38 knots was reported at Chrisfield. Vind gust of 38 knots was reported at Chrisfield. Vind gust of 38 knots was reported at Herring Bay. Vind gusts in excess of 30 knots were reported at Herring Bay. Vind gusts in excess of 30 knots were reported at Herring Bay. Vind gusts of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point. Vind gust of 40 knots was reported at Thomas Point.	TIDAL POTOMAC KEY BRIDGE TO INDIAN HD	ID COUNTY 0.3 SE UPPE	R POTOMAC BUC	OY (44061) [38.79, -7	77.04]
Wind gusts up to 41 knots were reported at the Upper Potomac Buoy. ### TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY BABAR POINT (BAB) [38.31, -77.03] ### O7/18/16 15:55 EST ### O7/18/16 16:05 EST ### O7/18/16 16:06 EST ### O7/18/16 16:06 EST ### O7/18/16 16:05		07/18/16 15:30 EST		0	Marine Thunderstorm Wind (MG 41 kt)
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY BABAR POINT (BAB) [38.31, -77.05] 07/18/16 15:55 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 15:55 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 15:50 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 15:50 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 16:00 EST 0 Source: Mesonet Wind gusts of 36 to 45 knots were reported. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL.) [38.94, -76.44] 07/18/16 16:06 EST 0 Marine Thunderstorm Wind (MG 35 kt) 07/18/16 16:06 EST 0 Source: Buoy Wind gust of 35 knots was reported at Tolly Point. CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] 07/18/16 16:05 EST 0 Source: Mesonet CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] 07/18/16 16:05 EST 0 Source: Mesonet CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY HERRING BAY (HRB) [38.73, -76.54] 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Thomas Point.		07/18/16 15:40 EST		0	Source: Buoy
### O7/18/16 15:40 EST 0 Marine Thunderstorm Wind (MG 45 kt) O7/18/16 15:55 EST 0 Source: Buoy Wind gusts up to 45 knots were reported at Baber Point. ###################################	Vind gusts up to 41 knots were reported at the U	oper Potomac Buoy.			
O7/18/16 15:40 EST 0 Marine Thunderstorm Wind (MG 45 kt) O7/18/16 15:55 EST 0 Source: Buoy Vind gusts up to 45 knots were reported at Baber Point. IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY POTOMAC LIGHT 33 (LT3) [38.34, -76.89] O7/18/16 15:50 EST 0 Marine Thunderstorm Wind (MG 45 kt) O7/18/16 16:00 EST 0 Source: Mesonet Vind gusts of 36 to 45 knots were reported. SHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] O7/18/16 16:06 EST 0 Source: Buoy Vind gust of 35 knots was reported at Tolly Point. SHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] O7/18/16 16:05 EST 0 Source: Mesonet Vind gust of 38 knots was reported at Chrisfield. SHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY HERRING BAY (HRB) [38.73, -76.54] O7/18/16 16:05 EST 0 Source: Buoy Vind gusts in excess of 30 knots were reported at Herring Bay. Vind gusts in excess of 30 knots were reported at Herring Bay. Vind gusts in excess of 30 knots were reported at Thomas Point (TPLM2) [38.90, -76.44] O7/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) O7/18/16 16:05 EST 0 Source: Buoy Vind gusts in excess of 30 knots were reported at Thomas Point. SHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] O7/18/16 16:05 EST 0 Source: Buoy Vind gusts in excess of 30 knots were reported at Thomas Point. SHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] O7/18/16 16:05 EST 0 Source: Buoy Vind gusts in excess of 30 knots were reported at Thomas Point.	TIDAL POTOMAC INDIAN HD TO COBB IS MD C	OUNTY BABAR POINT (B	AB) [38.31, -77.03	······································	
Wind gusts up to 45 knots were reported at Baber Point. ### POINT		•	•	-	Marine Thunderstorm Wind (MG 45 kt)
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY POTOMAC LIGHT 33 (LT3) [38.34, -76.99] 07/18/16 16:50 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 16:00 EST 0 Source: Mesonet Wind gusts of 36 to 45 knots were reported. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 07/18/16 16:06 EST 0 Marine Thunderstorm Wind (MG 35 kt) O7/18/16 16:06 EST 0 Source: Buoy CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 38 kt) O7/18/16 16:05 EST 0 Source: Mesonet CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY HERRING BAY (HRB) [38.73, -76.54] 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy Wind gusts of 40 knots was reported at Thomas Point. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point.		07/18/16 15:55 EST		0	Source: Buoy
07/18/16 15:50 EST 0 Marine Thunderstorm Wind (MG 45 kt) 07/18/16 16:00 EST 0 Source: Mesonet Wind gusts of 36 to 45 knots were reported. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 07/18/16 16:01 EST 0 Marine Thunderstorm Wind (MG 35 kt) Source: Buoy A wind gust of 35 knots was reported at Tolly Point. CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 38 kt) 07/18/16 16:05 EST 0 Source: Mesonet A wind gust of 38 knots was reported at Chrisfield. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY HERRING BAY (HRB) [38.73, -76.54] 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy	Nind gusts up to 45 knots were reported at Baber	Point.			
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Wind gusts of 36 to 45 knots were reported. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 07/18/16 16:01 EST 0 Marine Thunderstorm Wind (MG 35 kt) 07/18/16 16:06 EST 0 Source: Buoy CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 38 kt) 07/18/16 16:05 EST 0 Source: Mesonet CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY HERRING BAY (HRB) [38.73, -76.54] 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 16:05 EST 0 Source: Buoy CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy Adding Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Source: Buoy Adding Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt)		07/18/16 15:50 EST	, ,-	0	Marine Thunderstorm Wind (MG 45 kt)
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07/18/16 16:01 EST 0 Marine Thunderstorm Wind (MG 35 kt) 07/18/16 16:06 EST 0 Source: Buoy A wind gust of 35 knots was reported at Tolly Point. CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 38 kt) 07/18/16 16:05 EST 0 Source: Mesonet A wind gust of 38 knots was reported at Chrisfield. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY HERRING BAY (HRB) [38.73, -76.54] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 16:05 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)	Nind gusts of 36 to 45 knots were reported.				
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O7/18/16 16:05 EST O Source: Mesonet A wind gust of 38 knots was reported at Chrisfield. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY HERRING BAY (HRB) [38.73, -76.54] O7/18/16 16:05 EST O Marine Thunderstorm Wind (EG 34 kt) O7/18/16 16:20 EST O Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] O7/18/16 16:05 EST O Marine Thunderstorm Wind (MG 40 kt) O7/18/16 16:05 EST O Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] O7/18/16 16:11 EST O Marine Thunderstorm Wind (EG 34 kt)	CHESAPEAKE BAY N BEACH TO DRUM PT MD		HESAPEAKE BEA	CH (CHSRL) [38.69	· -
A wind gust of 38 knots was reported at Chrisfield. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY HERRING BAY (HRB) [38.73, -76.54] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 16:20 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)					
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY HERRING BAY (HRB) [38.73, -76.54] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 16:20 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)		07/18/16 16:05 EST		0	Source: Mesonet
07/18/16 16:05 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 16:20 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)	A wind gust of 38 knots was reported at Chrisfield				
07/18/16 16:20 EST 0 Source: Buoy Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)	CHESAPEAKE BAY SANDY PT TO N BEACH MI		(HRB) [38.73, -76	.54]	
Wind gusts in excess of 30 knots were reported at Herring Bay. CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)					
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.44] 07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)		07/18/16 16:20 EST		0	Source: Buoy
07/18/16 16:05 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)	Nind gusts in excess of 30 knots were reported a	t Herring Bay.			
07/18/16 16:05 EST 0 Source: Buoy A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)	CHESAPEAKE BAY SANDY PT TO N BEACH MI	COUNTY THOMAS POIN	T (TPLM2) [38.90,	-76.44]	
A wind gust of 40 knots was reported at Thomas Point. EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)		07/18/16 16:05 EST		0	Marine Thunderstorm Wind (MG 40 kt)
EASTERN BAY COUNTY 3.2 SSE STEVENSVILLE (D2030) [38.92, -76.28] 07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)		07/18/16 16:05 EST		0	Source: Buoy
07/18/16 16:11 EST 0 Marine Thunderstorm Wind (EG 34 kt)	A wind gust of 40 knots was reported at Thomas R	Point.			
•	EASTERN BAY COUNTY 3.2 SSE STEVENSV	LLE (D2030) [38.92, -76.28]			
07/18/16 16:11 EST 0 Source: Mesonet		07/18/16 16:11 EST		0	Marine Thunderstorm Wind (EG 34 kt)
		07/18/16 16:11 EST		0	Source: Mesonet

03/26/2017

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]

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A marine Thunderstorm Wind (MG 35 ki) Source: Buoy	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind guilate up to 35 knots were reported at Black Walnut Harbor. CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — GOOSES REEF BUDY (44962) [38.56.76.41] 07/18/16 16 20 EST 0 Marine Thunderstorm Wind (MS 43 kt) 07/18/16 16 20 EST 0 Source: Budy Avail guilate of 43 knots was reported at Cooses Reef. CASTERN BAY COUNTY — 1.5 WINW US-50 (MD040) [38.98, 76.28] 07/18/16 16 25 EST 0 Marine Thunderstorm Wind (MS 37 kt) 07/18/16 16 25 EST 0 Source: Mesonet Avail guilate of 37 knots was measured at Chesterhavee. CHORAL POTOMAC COSB IS MD TO SMITH PT VA. COUNTY — PINEY POINT (PPTM2) [38.13, 76.63] 07/18/16 16 25 EST 0 Source: Budy Avail guilate of 38 knots was reported at Piney Point. CHESAPEAKE BAY DRUM PT TO SMITH PT VA. COUNTY — 3.4 SE SOLOMONS ISLAND (SLIM2) [38.29, -76.40] 07/18/16 16.42 EST 0 Source: AWOS CHESAPEAKE BAY DRUM PT TO SMITH PT VA. COUNTY — 2.4 SE SOLOMONS ISLAND (SLIM2) [38.29, -76.40] 07/18/16 16.42 EST 0 Source: AWOS CHESAPEAKE BAY DRUM PT TO SMITH PT VA. COUNTY — POINT LOOKOUT (PTL.) [38.64, -76.32] 07/18/16 16.55 EST 0 Source: Budy CHESAPEAKE BAY DRUM PT TO SMITH PT VA. COUNTY — POINT LOOKOUT (PTL.) [38.64, -76.32] 07/18/16 16.55 EST 0 Source: Budy Avail guild list of 37 knots was reported at Point Lookout. CHESAPEAKE BAY DRUM PT TO SMITH PT VA. COUNTY — POTOMAC POINT LOOKOUT BUDY (44942) [38.33, -76.34] 07/18/16 17/16 EST 0 Source: Budy Avail guild list excess of 30 knots was reported at Point Lookout. CHESAPEAKE BAY DRUM PT TO SMITH PT VA. COUNTY — POTOMAC POINT LOOKOUT BUDY (44942) [38.33, -76.34] 07/18/16 17/16 EST 0 Source: Budy Avail guild list excess of 30 knots was reported at Point Lookout. CARGIER SOUND AND THE INLAND WATERS SURROUNDING BLOOCSWORTH ISLAND COUNTY — RACCOON POINT (RAC) [38.14, -76.79] 07/18/16 17/14 EST 0 Source: Budy Avail guild list excess of 30 knots was reported Reconnel Point. Avail guild list excess of 30 knots was reported Reconnel Point. Avail guild list excess of 30 knots was reported Reconnel Point. Avail guild list excess of 30 knots was reported		07/18/16 16:15 EST	-	-	Marine Thunderstorm Wind (MG 35 kt)
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — GOOSES REEF BUOY (44062) [38.56, -76.41] 07/18/16 16:20 EST 0 Source: Buoy A wind guest of 43 knots was reported at Cooses Reef. EASTERN BAY COUNTY — 1.5 WMW US-50 (MD040) [38.58, -76.22] 07/18/16 16:25 EST 0 Marine Thunderstorm Wind (MG 37 kg) A wind guest of 37 knots was measured at Chestefitaiven. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — PINEY POINT (PPTM2) [38.13, -76.53] 07/18/16 16:42 EST 0 Source: Buoy A wind guest of 38 knots was reported at Piney Point. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — POINT LOCKOUT (PTL) [38.04, -76.32] 07/18/16 16:42 EST 0 Source: Buoy A wind guest of 37 knots was reported at Patuzent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — POINT LOCKOUT (PTL) [38.04, -76.32] 07/18/16 16:42 EST 0 Source: Buoy A wind guest of 37 knots was reported at Patuzent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — POINT LOCKOUT (PTL) [38.04, -76.32] 07/18/16 16:56 EST 0 Source: Buoy A wind guest in excess of 30 knots was reported at Point Lockout. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — POINT LOCKOUT (PTL) [38.04, -76.32] 07/18/16 16:56 EST 0 Source: Buoy A wind guest in excess of 30 knots was reported at Point Lockout. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — POINT LOCKOUT (PTL) [38.04, -76.32] 07/18/16 17:00 EST 0 Source: Buoy A wind guest in excess of 30 knots was reported at Point Lockout. TARGER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY — RACCOON POINT (RAC) [38.14, -76.79] 07/18/16 17:40 EST 0 Marine Thunderstorm Wind (EG 34 kg) 07/18/16 17:40 EST 0 Marine Thunderstorm Wind (EG 34 kg) 07/18/16 17:40 EST 0 Source: Buoy TOTOM Marine Thunderstorm Wind (MG 40 kg) 100.18/16/16/16/16/16/16/16/16/16/16/16/16/16/		07/18/16 16:30 EST		0	Source: Buoy
O77/8/16 16 20 EST 0 Marine Thunderstorm Wind (MG 43 kt) 17/8/16 16 20 EST 0 Source: Blooy A wind guist of 43 knots was reported at Gooses Reef. EASTERN BAY COUNTY — 1.5 WNW US-50 (MD040) [38.98, -76.28] O77/8/16 16 25 EST 0 Marine Thunderstorm Wind (MG 37 kt) 7/18/16 16 25 EST 0 Source: Mesonet TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — PINEY POINT (PPTM2) [38.13, -76.53] O71/8/16 16 32 EST 0 Source: Mesonet TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — 5.4 SE SOLOMONS ISLAND (SLIM2) [38.29, -76.40] O71/8/16 16 42 EST 0 Source: AWOS A wind guist of 37 knots was reported at Piney Point. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — 5.4 SE SOLOMONS ISLAND (SLIM2) [38.29, -76.40] O71/8/16 16 42 EST 0 Source: AWOS A wind guist of 37 knots was reported at Paluxent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — POINT LOOKOUT (PTL) [38.04, -76.32] O71/8/16 16 55 EST 0 Source: Buory A wind guist of 37 knots was reported at Paluxent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — POINT LOOKOUT (PTL) [38.04, -76.32] O71/8/16 16 55 EST 0 Source: Buory A wind guist in excess of 30 knots was reported at Point Lookout POINT (PTL) [38.04, -76.32] O71/8/16 17.10 EST 0 Source: Buory A wind guist in excess of 30 knots was reported at Point Lookout POINT (PTL) [38.04, -76.32] O71/8/16 17.10 EST 0 Source: Buory A wind guist in excess of 30 knots was reported at Point Lookout Buory (#4042) [38.03, -76.34] O71/8/16 17.10 EST 0 Source: Buory A wind guist in excess of 30 knots was reported at Point Lookout Buory (PTL) [40.00 EST 0 Marine Thunderstorm Wind (EG 34 kt) O71/8/16 17.10 EST 0 Source: Buory INTERNATIONAL RIVER SURROUNDING BLOODSWORTH ISLAND COUNTY — RACCOON POINT (RAC) [38.14, -75.79] O71/8/16 17.46 EST 0 Source: Buory INTERNATIONAL RIVER SURROUNDING BLOODSWORTH ISLAND COUNTY — RACCOON POINT (RAC) [38.14, -75.79] O71/8/16 17.46 EST 0 Source: Buory INTERNATIONAL RIVER SURROUNDING BLOODSWORTH ISLAND COUNTY — RACCOON POINT (RAC) [38.14, -75.79] O71/8/16 17.46 EST 0 SOURCE SUR	Wind gusts up to 35 knots were repo	rted at Black Walnut Harbor.			
A wind guist of 43 knots was reported at Gooses Reef. EASTERN BAY COUNTY 1.5 WNW US-50 (MD840) [38.83, -78.23] O7181616 16.25 EST ONIT Source: Buoy A wind guist of 38 knots was reported at Piney Point. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY 34 SE SOLOMONS ISLAND (SLIM2) [38.29, -76.40] O7181616 16.42 EST O7181616 16.42 EST O7181616 16.55 EST O718161 16.55 EST OXOUTC: Buoy A wind guist of 37 knots was reported at Point Lookout. CHICAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34] O718161 17.00 EST O718161 17.10 EST ON Marine Thunderstorm Wind (MG 37 kt) O718161 17.10 EST O Source: Buoy A wind guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. A wind guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Point Lookout. CANNO Guist in excess of 30 knots was reported at Po	CHESAPEAKE BAY N BEACH TO D		BUOY (44062) [3		
A wind gust of 43 knots was reported at Point Lockout. EASTERN BAY COUNTY 1.5 WNW US-69 (M0046) [38.98, -76.28] 07/19/16 16:25 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/19/16 16:25 EST 0 Source: Mesonet A wind gust of 37 knots was measured at Chesterhaven. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY PINEY POINT (PPTM2) [38.13, -76.53] 07/19/16 16:30 EST 0 Marine Thunderstorm Wind (MG 38 kt) A wind gust of 38 knots was reported at Piney Point COT/19/16 16:42 EST 0 Source: Buoy A wind gust of 37 knots was reported at Piney Point COT/19/16 16:42 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/19/16 16:42 EST 0 Marine Thunderstorm Wind (MG 37 kt) O7/19/16 16:42 EST 0 Marine Thunderstorm Wind (MG 37 kt) A wind gust of 37 knots was reported at Paluxent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY POINT LOOKOUT (PTL) [38.94, -76.32] 07/18/16 16:35 EST 0 Marine Thunderstorm Wind (MG 37 kt) O7/18/16 16:35 EST 0 Marine Thunderstorm Wind (MG 37 kt) A wind gust of 37 knots was reported at Point Lookout. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY POINT LOOKOUT (PTL) [38.94, -76.32] 07/18/16 17:05 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 17:05 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported at Point Lookout. TANGLE POTOMAC COBB IS MD TO SMITH PT VA COUNTY POTOMAC POINT LOOKOUT BUOY (44042) [38.05, -76.34] 07/18/16 17:04 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported at Point Lookout. TANGLE POTOMAC KEY BIOSE TO INDIAN HD MD COUNTY 11 NNW GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.91, -77.05] 07/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 40 kt) Mind gusts up to 40 knots were reported.				-	
EASTERN BAY COUNTY 1.5 WNW US-50 (MD640) [38.98, -76.28] 07/18/16 16.25 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.25 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.25 EST 0 Marine Thunderstorm Wind (MG 38 kt) 07/18/16 16.30 EST 0 Marine Thunderstorm Wind (MG 38 kt) 07/18/16 16.30 EST 0 Marine Thunderstorm Wind (MG 38 kt) 07/18/16 16.30 EST 0 Marine Thunderstorm Wind (MG 38 kt) 07/18/16 16.30 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.30 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.42 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.42 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.55 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.55 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.55 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.55 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.55 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16.55 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 17.00 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 17.00 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 17.00 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 17.00 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 17.04 EST 0 Source: Buoy A wind guet in excess of 30 knots was reported at Point Lookout. **TANGIER SOUND AND THE INLAND WATERS SUBROUNDING BLOODSWORTH ISLAND COUNTY RACCOON POINT (RAC) [38.14, 75.79] 07/18/16 17.44 EST 0 Source: Buoy A wind guet in excess of 30 knots was reported Reaccoon Point. 4 Cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the cold front combined with the instability to trigger thunderstorms. Stronger shear from an unper-level trough caused some hunderstorm to produce guety winds. **DATE OF THE		07/18/16 16:40 EST		0	Source: Buoy
O7/18/16 16:25 EST 0 Marine Thunderstorm Wind (MG 37 kt) A wind gust of 37 knots was measured at Chesterhave. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — PINEY POINT (PPTM2) [38.13, -76.53] O7/18/16 16:30 EST 0 Marine Thunderstorm Wind (MG 38 kt) O7/18/16 16:42 EST 0 Source: Buoy A wind gust of 38 knots was reported at Piney Point. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — 3.4 SE SOLOMONS ISLAND (SLIM2) [38.29, -76.40] O7/18/16 16:42 EST 0 Marine Thunderstorm Wind (MG 37 kt) O7/18/16 16:42 EST 0 Source: AWOS A wind gust of 37 knots was reported at Paleuxent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — POINT LOOKOUT (PTL) [38.04, -76.22] O7/18/16 16:55 EST 0 Source: Buoy A wind gust of 37 knots was reported at Point Lookout TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34] O7/18/16 17:10 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported at Point Lookout. TARGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY — RACCOON POINT (RAC) [38.14, -75.79] O7/18/16 17:44 EST 0 Marine Thunderstorm Wind (EG 34 kt) O7/18/16 17:44 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported Raccoon Point. A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the cold front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorm Wind (MG 40 kt) O7/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 40 kt) O7/19/16 21:59 EST 0 Source: Mesonet TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY — 0.5 SSE GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.91, -77.04] O7/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 45 kt)	A wind gust of 43 knots was reported	at Gooses Reef.			
07/18/16 16:25 EST 0 Source: Mesonet A wind gust of 37 knots was measured at Chesterhaven. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY PINEY POINT (PPTM2) [38.13, -76.53] 07/18/16 16:30 EST 0 Marine Thunderstorm Wind (MG 38 kt) 07/18/16 16:30 EST 0 Source: Buoy A wind gust of 38 knots was reported at Piney Point. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY 3.4 SE SOLOMONS ISLAND (SLIM2) [38.29, -76.40] 07/18/16 16:42 EST 0 Marine Thunderstorm Wind (MG 37 kt) 07/18/16 16:42 EST 0 Source: AWOS A wind gust of 37 knots was reported at Patuxent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY POINT LOOKOUT (PTL) [38.94, -76.22] 07/18/16 16:55 EST 0 Source: Buoy A wind gust of 37 knots was reported at Point Lookout. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY POTOMAC POINT LOOKOUT BUOY (44942) [38.93, -76.44] 07/18/16 17:10 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 17:10 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 17:14 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 17:14 EST 0 Marine Thunderstorm Wind (EG 34 kt) 07/18/16 17:14 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported at Point Lookout. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY RACCOON POINT (RAC) [38.14, -78.79] 07/18/16 17:14 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported Reaccon Point. A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the cold front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorm to produce gusty winds. IDIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 1.1 NNW GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.81, -77.65] 07/19/16 21:59 EST 0 Source: Mesonet IDIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 0.5 SSE GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.89, -77.64] 07/18/16 21:59 EST 0 Warring Trunderstorm Wind (MG 45 kt)	EASTERN BAY COUNTY 1.5 WNV			0	Marina Thundaratorm Wind (MC 27 lt)
A wind gust of 37 knots was measured at Chesterhaven. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY PINEY POINT (PPTM2) [38.13, -76.53] O7718/16 16:30 EST O7718/16 16:42 EST O Source: Buey A wind gust of 38 knots was reported at Piney Point. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY 3.4 SE SOLOMONS ISLAND (SLIM2) [38.29, -76.40] O7718/16 16:42 EST O Source: AWOS A wind gust of 37 knots was reported at Patuxent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY POINT LOOKOUT (PTL) [38.04, -76.32] O7718/16 16:56 EST O Source: Buey A wind gust of 37 knots was reported at Point Lookout. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY POTOMAC POINT LOOKOUT BUDY (44042) [38.03, -76.34] O7718/16 17:00 EST ONAITO Marine Thunderstorm Wind (EG 34 kt) O7718/16 17:40 EST OSource: Buey A wind gust in excess of 30 knots was reported at Point Lookout. TARGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY RACCOON POINT (RAC) [38.14, -75.79] O7718/16 17:40 EST OSource: Buey A wind gust in excess of 30 knots was reported Raccoon Point. A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the cold front combined with the instability to rigger thunderstorms. Stronger shear from an unper-level trough caused some hunderstorm Wind (MG 40 kt) O7719/16 21:59 EST O Source: Meannet TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 0.5 SSE GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.9, -77.04] O7719/16					
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY PINEY POINT (PPTM2) [38.13, -76.53] O7/18/16 16:30 EST 0 Source: Buoy A wind gust of 38 knots was reported at Piney Point. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY 3.4 SE SOLOMONS ISLAND (SLIM2) [38.29, -76.40] O7/18/16 16:42 EST 0 Source: AWOS A wind gust of 37 knots was reported at Paluxent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY POINT LOOKOUT (PTL.) [38.04, -76.32] O7/18/16 16:45 EST 0 Marine Thunderstorm Wind (MG 37 kt) O7/18/16 16:55 EST 0 Source: Buoy A wind gust of 37 knots was reported at Point Lookout. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34] O7/18/16 17:00 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported at Point Lookout. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY RACCOON POINT (RAC) [38.14, -75.79] O7/18/16 17:44 EST 0 Source: Buoy A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in excess of 30 knots was reported Raccoon Point. A wind gust in exce		07/16/16 16.25 EST		U	Source: Mesonet
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A wind gust in excess of 30 knots was reported Raccoon Point. A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the cold front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some thunderstorms to produce gusty winds. FIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 1.1 NNW GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.91, -77.05] 07/19/16 21:55 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/19/16 21:59 EST 0 Source: Mesonet FIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 0.5 SSE GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.89, -77.04] 07/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 45 kt)					, ,
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cold front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some thunderstorms to produce gusty winds. FIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 1.1 NNW GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.91, -77.05] 07/19/16 21:55 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/19/16 21:59 EST 0 Source: Mesonet FIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 0.5 SSE GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.89, -77.04] 07/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 45 kt)	A wind gust in excess of 30 knots wa	s reported Raccoon Point.			
07/19/16 21:55 EST 0 Marine Thunderstorm Wind (MG 40 kt) 07/19/16 21:59 EST 0 Source: Mesonet Wind gusts up to 40 knots were reported. FIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 0.5 SSE GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.89, -77.04] 07/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 45 kt)	cold front combined with the instab	oility to trigger thunderstorms. Stronger		=	_
Wind gusts up to 40 knots were reported. FIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 0.5 SSE GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.89, -77.04] 07/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 45 kt)	TIDAL POTOMAC KEY BRIDGE TO		ORGE WASHINGT		
FIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY 0.5 SSE GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.89, -77.04] 07/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 45 kt)		07/19/16 21:59 EST		0	Source: Mesonet
07/19/16 21:59 EST 0 Marine Thunderstorm Wind (MG 45 kt)	Wind gusts up to 40 knots were repo	rted.			
,	TIDAL POTOMAC KEY BRIDGE TO	INDIAN HD MD COUNTY 0.5 SSE GEO	ORGE WASHINGT	ON UNIVERSITY (GWUNI) [38.89, -77.04]
07/19/16 21:59 EST 0 Source: Mesonet		07/19/16 21:59 EST		0	Marine Thunderstorm Wind (MG 45 kt)
		07/19/16 21:59 EST		0	Source: Mesonet

Wind gusts up to 45 knots were reported at the Ellipse.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC KEY BRIDGE TO INDIAN I	HD MD COUNTY (DCA)REAG	AN NATIONAL AIF	RPORT [38.86, -77.	03]
	07/19/16 22:04 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/19/16 22:09 EST		0	Source: ASOS
Wind gusts in excess of 30 knots were reported	ed at Reagan National.			
TIDAL POTOMAC KEY BRIDGE TO INDIAN I		PARK (WSHNP) [Martine Hall (4 00 to)
	07/19/16 22:04 EST		0	Marine Hail (1.00 in)
	07/19/16 22:09 EST		0	Source: Public
Quarter sized hail was reported.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN I		IONALS PARK (W		-
	07/19/16 22:08 EST		0	Marine Hail (0.88 in)
	07/19/16 22:08 EST		0	Source: Public
Nickel sized hail was reported.				
CHESAPEAKE BAY SANDY PT TO N BEACH		POINT (GBY) [38	3.97, -76.46]	
	07/19/16 22:10 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/19/16 22:49 EST		0	Source: Buoy
Wind gusts of 40 knots were reported at Gree	nbury Point.			
CHESAPEAKE BAY SANDY PT TO N BEACH	MD COUNTY TOLLY POINT	(TOL) [38.94, -76.4		
	07/19/16 22:11 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/19/16 22:16 EST		0	Source: Buoy
Wind gusts of 40 knots were reported at Tolly	Point.			
TIDAL POTOMAC KEY BRIDGE TO INDIAN I	HD MD COUNTY 0.7 SSW PEI 07/19/16 22:40 EST	PCO (PEPCO) [38.	89 , - 77.02] 0	Marine Thunderstorm Wind (EG 50 kt)
	07/19/16 22:40 EST		0	Source: Unknown
Wind gusts up to 50 knots were estimated base	sed on thunderstorm wind damag	ge nearby.		
CHESAPEAKE BAY POOLES IS TO SANDY		BUOY (44043) [39.		
	07/19/16 23:40 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/19/16 23:40 EST		0	Source: Buoy
Wind gust in excess of 30 knots was reported	at the Patapsco Buoy.			
TIDAL POTOMAC KEY BRIDGE TO INDIAN I		OMAC BUOY (440	61) [38.79, -77.04]	
	07/19/16 23:40 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/19/16 23:50 EST		0	Source: Buoy
A wind gust of 37 knots was reported. at the L	Jpper Potomac Buoy.			
CHESAPEAKE BAY POOLES IS TO SANDY	PT MD COUNTY 4.1 SW SAN	DY POINT (SPT) [3	38.96, -76.45]	
	07/20/16 00:40 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/20/16 00:40 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported	ed at the Annapolis Buoy.			
A boundary stalled over the area. Warm and through the area. The forcing from the bour upper-level trough caused some thundersto	dary front combined with the ir			- ·
CHESAPEAKE BAY N OF POOLES IS MD CO	DUNTY SUSQUEHANNA RIVE	R BUOY (44057) I	[39.54, -76.07]	
	07/23/16 16:40 FST	,,	0	Marine Thunderstorm Wind (MG 39 kt)

07/23/16 16:40 EST

07/23/16 16:50 EST

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Source: Buoy

Marine Thunderstorm Wind (MG 39 kt)

0

0

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind gusts up to 39 knots were reported	d at the Susquehanna Buoy.			
CHESAPEAKE BAY SANDY PT TO N B	EACH MD COUNTY ANNAPOLIS (07/23/16 19:18 EST	(KNAK) [38.98, -76.	48] 0	Marine Thunderstorm Wind (MG 38 kt)
	07/23/16 19:18 EST		0	Source: ASOS
A wind gust of 38 knots was reported at	Annapolis.			
CHESAPEAKE BAY SANDY PT TO N B	EACH MD COUNTY GREENBERR	Y POINT (GBY) [38	.97, -76.46]	
	07/23/16 19:29 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/23/16 19:40 EST		0	Source: Buoy
Wind gusts up to 39 knots were reported	d at Greenberry Point.			
CHESAPEAKE BAY SANDY PT TO N B		(TOL) [38.94, -76.4	-	
	07/23/16 19:31 EST		0	Marine Thunderstorm Wind (MG 54 kt)
	07/23/16 19:41 EST		0	Source: Buoy
Wind gusts up to 54 knots were reported	d at Tolly Point.			
An upper-level disturbance in a northw	vest flow aloft triggered a few thunde	erstorms. Some the	ınderstorms prod	uced gusty winds due
to an unstable atmosphere that was in	place.			
CHESAPEAKE BAY SANDY PT TO N B		Y (HRB) [38.73, -76	=	
	07/25/16 00:00 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/25/16 00:25 EST		0	Source: Buoy
Wind gusts up to 40 knots were reported	d at Herring Bay.			
CHESAPEAKE BAY SANDY PT TO N B	EACH MD COUNTY SHADY SIDE	ES (SHADY) [38.84	, -76.51]	
	07/0F/4C 00:0C FCT		•	
	07/25/16 00:06 EST		0	Marine Thunderstorm Wind (EG 50 kt)
	07/25/16 00:06 EST		0	Marine Thunderstorm Wind (EG 50 kt) Source: Unknown
Wind gusts around 60 knots were estima	07/25/16 00:06 EST	nage nearby.		· · · · · ·
	07/25/16 00:06 EST ated based on thunderstorm wind dam		0	Source: Unknown
	07/25/16 00:06 EST ated based on thunderstorm wind dam		0	Source: Unknown
	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL C		0 CH (CHSRL) [38.6	Source: Unknown 99, -76.53]
CHESAPEAKE BAY N BEACH TO DRUI	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL CO 07/25/16 00:25 EST 07/25/16 00:25 EST		0 CH (CHSRL) [38.6	Source: Unknown 99, -76.53] Marine Thunderstorm Wind (EG 34 kt)
CHESAPEAKE BAY N BEACH TO DRUI	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL CO 07/25/16 00:25 EST 07/25/16 00:25 EST reported at Chesapeake Beach.	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0	Source: Unknown 9, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
CHESAPEAKE BAY N BEACH TO DRUI	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL CO 07/25/16 00:25 EST 07/25/16 00:25 EST reported at Chesapeake Beach.	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0	Source: Unknown 9, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
CHESAPEAKE BAY N BEACH TO DRUI	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL CO 07/25/16 00:25 EST 07/25/16 00:25 EST reported at Chesapeake Beach. M PT MD COUNTY 9.1 NNE GOOS	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
CHESAPEAKE BAY N BEACH TO DRUI	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL OF 07/25/16 00:25 EST o7/25/16 00:25 EST reported at Chesapeake Beach. M PT MD COUNTY 9.1 NNE GOOS 07/25/16 00:35 EST 07/25/16 00:55 EST	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 0 4062) [38.68, -76.3	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy 13] Marine Thunderstorm Wind (MG 43 kt)
CHESAPEAKE BAY N BEACH TO DRUI Wind gusts in excess of 30 knots were re CHESAPEAKE BAY N BEACH TO DRUI A wind gust of 43 knots was reported at	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL CO 07/25/16 00:25 EST 07/25/16 00:25 EST reported at Chesapeake Beach. M PT MD COUNTY 9.1 NNE GOOS 07/25/16 00:35 EST 07/25/16 00:55 EST Black Walnut Harbor.	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 0 4062) [38.68, -76.3	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy 13] Marine Thunderstorm Wind (MG 43 kt)
CHESAPEAKE BAY N BEACH TO DRUI Wind gusts in excess of 30 knots were re CHESAPEAKE BAY N BEACH TO DRUI A wind gust of 43 knots was reported at	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL CO 07/25/16 00:25 EST 07/25/16 00:25 EST reported at Chesapeake Beach. M PT MD COUNTY 9.1 NNE GOOS 07/25/16 00:35 EST 07/25/16 00:55 EST Black Walnut Harbor.	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 0 4062) [38.68, -76.3	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy 13] Marine Thunderstorm Wind (MG 43 kt)
CHESAPEAKE BAY N BEACH TO DRUI Wind gusts in excess of 30 knots were re CHESAPEAKE BAY N BEACH TO DRUI A wind gust of 43 knots was reported at	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL CO 07/25/16 00:25 EST 07/25/16 00:25 EST reported at Chesapeake Beach. M PT MD COUNTY 9.1 NNE GOOS 07/25/16 00:35 EST 07/25/16 00:55 EST Black Walnut Harbor.	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 4062) [38.68, -76.3 0 0	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 43 kt) Source: Buoy
CHESAPEAKE BAY N BEACH TO DRUI Wind gusts in excess of 30 knots were re CHESAPEAKE BAY N BEACH TO DRUI A wind gust of 43 knots was reported at CHESAPEAKE BAY SANDY PT TO N BI	07/25/16 00:06 EST ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL OF 07/25/16 00:25 EST o7/25/16 00:25 EST reported at Chesapeake Beach. M PT MD COUNTY 9.1 NNE GOOS 07/25/16 00:35 EST o7/25/16 00:55 EST Black Walnut Harbor. EACH MD COUNTY 5.9 SSE KENT 07/25/16 00:40 EST 07/25/16 00:40 EST	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 4062) [38.68, -76.3 0 0	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 43 kt) Source: Buoy Marine Thunderstorm Wind (MG 42 kt)
CHESAPEAKE BAY N BEACH TO DRUID Wind gusts in excess of 30 knots were recorded at the control of 43 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported a	ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL OF 07/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:35 EST 07/25/16 00:35 EST 07/25/16 00:55 EST 07/25/16 00:40 EST 07/25/16 00:40 EST 07/25/16 00:40 EST 07/25/16 00:40 EST Lowes Wharf.	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 43 kt) Source: Buoy Marine Thunderstorm Wind (MG 42 kt) Source: Mesonet
CHESAPEAKE BAY N BEACH TO DRUI Wind gusts in excess of 30 knots were re CHESAPEAKE BAY N BEACH TO DRUI A wind gust of 43 knots was reported at CHESAPEAKE BAY SANDY PT TO N BI	ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL OF 07/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:35 EST 07/25/16 00:35 EST 07/25/16 00:55 EST 07/25/16 00:40 EST DAND THE LITTLE CHOPTANK RIVER	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 4062) [38.68, -76.3 0 0 2) [38.76, -76.32] 0 0	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 43 kt) Source: Buoy Marine Thunderstorm Wind (MG 42 kt) Source: Mesonet
Wind gusts around 60 knots were estimated. CHESAPEAKE BAY N BEACH TO DRUIT Wind gusts in excess of 30 knots were recommended. CHESAPEAKE BAY N BEACH TO DRUIT A wind gust of 43 knots was reported at CHESAPEAKE BAY SANDY PT TO N BIT A wind gust of 42 knots was reported at CHOPTANK RIVER TO CAMBRIDGE MIT	ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL OF 07/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:35 EST 07/25/16 00:35 EST 07/25/16 00:55 EST 07/25/16 00:40 EST 07/25/16 00:40 EST 07/25/16 00:40 EST 07/25/16 00:40 EST Lowes Wharf.	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 43 kt) Source: Buoy Marine Thunderstorm Wind (MG 42 kt) Source: Mesonet
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CHESAPEAKE BAY N BEACH TO DRUI Wind gusts in excess of 30 knots were re CHESAPEAKE BAY N BEACH TO DRUI A wind gust of 43 knots was reported at CHESAPEAKE BAY SANDY PT TO N BI A wind gust of 42 knots was reported at CHOPTANK RIVER TO CAMBRIDGE MI Wind gusts up to 41 knots were reported	ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL OF 1/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:35 EST 07/25/16 00:35 EST 07/25/16 00:55 EST 07/25/16 00:40 EST 07/25/16 00:40 EST 07/25/16 00:40 EST 07/25/16 01:42 EST	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 4062) [38.68, -76.3 0 0 2) [38.76, -76.32] 0 0	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 43 kt) Source: Buoy Marine Thunderstorm Wind (MG 42 kt) Source: Mesonet 2) [38.57, -76.07] Marine Thunderstorm Wind (MG 41 kt)
CHESAPEAKE BAY N BEACH TO DRUID Wind gusts in excess of 30 knots were recorded at the control of 43 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported at the chesapeake bay sandy pt to N Bit A wind gust of 42 knots was reported a	ated based on thunderstorm wind dam M PT MD COUNTY ROD N REEL OF 1/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:25 EST 07/25/16 00:35 EST 07/25/16 00:35 EST 07/25/16 00:55 EST 07/25/16 00:40 EST 07/25/16 00:40 EST 07/25/16 00:40 EST 07/25/16 01:42 EST 07/25/16 01:42 EST 07/25/16 01:42 EST 07/25/16 01:42 EST 01/25/16 01:42 EST	CHESAPEAKE BEA	0 CH (CHSRL) [38.6 0 0 4062) [38.68, -76.3 0 0 2) [38.76, -76.32] 0 0	Source: Unknown 19, -76.53] Marine Thunderstorm Wind (EG 34 kt) Source: Buoy Marine Thunderstorm Wind (MG 43 kt) Source: Buoy Marine Thunderstorm Wind (MG 42 kt) Source: Mesonet 2) [38.57, -76.07] Marine Thunderstorm Wind (MG 41 kt)

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Vind gusts up to 40 knots were reported at Gro	ove Point.			
IDAL POTOMAC KEY BRIDGE TO INDIAN HE	O MD COUNTY UPPER PO 07/25/16 21:40 EST	TOMAC BUOY (440	61) [38.79, -77.04]	Marine Thunderstorm Wind (EG 34 kt)
	07/25/16 21:40 EST		0	Source: Buoy
Vind gusts in excess of 30 knots were reported	at the Upper Potomac Buoy.			
CHESAPEAKE BAY N BEACH TO DRUM PT M	07/25/16 22:10 EST	CHESAPEAKE BEA	.СН (CHSRL) [38.69 0	9, -76.53] Marine Thunderstorm Wind (EG 34 kt)
	07/25/16 22:10 EST		0	Source: Mesonet
Vind gusts in excess of 30 knots were reported	I.			
CHESAPEAKE BAY N BEACH TO DRUM PT M		F BUOY (44062) [38		Marine Thursdomstons Mind (MO 25 ld)
	07/25/16 22:40 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/25/16 23:00 EST		0	Source: Buoy
A wind gust of 35 knots was reported at Gooses	s Reef.			
CHESAPEAKE BAY N BEACH TO DRUM PT M	ID COUNTY 2.6 S MID BAY	Y BUOY [38.43, -76.3	9]	
	07/25/16 23:00 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	07/25/16 23:24 EST		0	Source: Buoy
Nind gusts up to 45 knots were measured at Co	ove Point.			
CHESAPEAKE BAY DRUM PT TO SMITH PT V	A COUNTY LOWER HOOP	PERS ISLAND (HPR) [38.2676.18]	
			, [
	07/25/16 23:33 EST		0	Marine Thunderstorm Wind (EG 34 kt)
Wind gusts in excess of 30 knots were reported	07/25/16 23:33 EST		0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
	07/25/16 23:33 EST I at Hooper Island.	ORTH ISLAND COU	0	Source: Buoy
	07/25/16 23:33 EST If at Hooper Island.	ORTH ISLAND COU	0 INTY BISHOPS I	Source: Buoy HEAD (BISM2) [38.22, -76.04]
TANGIER SOUND AND THE INLAND WATERS	07/25/16 23:33 EST d at Hooper Island. S SURROUNDING BLOODSW 07/25/16 23:42 EST 07/25/16 23:42 EST	ORTH ISLAND COU	0 INTY BISHOPS I	Source: Buoy HEAD (BISM2) [38.22, -76.04] Marine Thunderstorm Wind (EG 34 kt)
TANGIER SOUND AND THE INLAND WATERS Wind gusts in excess of 30 knots were reported	07/25/16 23:33 EST d at Hooper Island. SURROUNDING BLOODSW 07/25/16 23:42 EST 07/25/16 23:42 EST d at Bishops Head.		0 INTY BISHOPS I 0 0	Source: Buoy HEAD (BISM2) [38.22, -76.04] Marine Thunderstorm Wind (EG 34 kt)
TANGIER SOUND AND THE INLAND WATERS Wind gusts in excess of 30 knots were reported	07/25/16 23:33 EST d at Hooper Island. SURROUNDING BLOODSW 07/25/16 23:42 EST 07/25/16 23:42 EST d at Bishops Head.		0 INTY BISHOPS I 0 0	Source: Buoy HEAD (BISM2) [38.22, -76.04] Marine Thunderstorm Wind (EG 34 kt)
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CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY LOWER HOOPERS ISLAND (HPR) [38.26, -76. 07/28/16 16:48 EST 0 07/28/16 16:48 EST 0 0 07/28/16 16:48 EST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rty & Event Type and Details Omg
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07/28/16 17:23 EST 0 07/28/16 17:33 EST 0 Wind gusts in excess of 30 knots were reported at Cobb Point. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY POINT LOOKOUT (PTL) [38.04, -76.32] 07/28/16 17:35 EST 0 07/28/16 17:35 EST 0 A wind gust of 35 knots was reported at Point Lookout. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY CRIS 07/28/16 18:40 EST 0 07/28/16 19:14 EST 0 Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 07/28/16 23:40 ES	3]
Wind gusts in excess of 30 knots were reported at Cobb Point. TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY POINT LOOKOUT (PTL) [38.04, -76.32] 07/28/16 17:35 EST 0 07/28/16 17:35 EST 0 A wind gust of 35 knots was reported at Point Lookout. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY CRIS 07/28/16 18:40 EST 0 07/28/16 19:14 EST 0 Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 07/28/16 23:40 EST	Marine Thunderstorm Wind (EG 34 kt)
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY POINT LOOKOUT (PTL) [38.04, -76.32] 07/28/16 17:35 EST 0 07/28/16 17:35 EST 0 A wind gust of 35 knots was reported at Point Lookout. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY CRIS 07/28/16 18:40 EST 0 07/28/16 19:14 EST 0 Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 DISTRICT OF COLUMBIA	Source: Buoy
07/28/16 17:35 EST 0 07/28/16 17:35 EST 0 A wind gust of 35 knots was reported at Point Lookout. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY CRIS 07/28/16 18:40 EST 0 07/28/16 19:14 EST 0 Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospit the boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
A wind gust of 35 knots was reported at Point Lookout. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY CRIS 07/28/16 18:40 EST 0 07/28/16 19:14 EST 0 Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospithe boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
A wind gust of 35 knots was reported at Point Lookout. TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY CRIST 07/28/16 18:40 EST 0 07/28/16 19:14 EST 0 Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospithe boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	Marine Thunderstorm Wind (MG 35 kt)
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY CRIS 07/28/16 18:40 EST 0 07/28/16 19:14 EST 0 Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospithe boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	Source: Buoy
07/28/16 18:40 EST 0 07/28/16 19:14 EST 0 Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmosphene the boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
07/28/16 19:14 EST 0 Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospit the boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
Wind gusts up to 57 knots were reported at Crisfield. CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY 32.8 NNE ROD N REEL CHESAPEAKE BEA 07/28/16 23:40 EST 0 07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospit the boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	Marine Thunderstorm Wind (MG 57 kt)
07/28/16 23:40 EST 0 07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospithe boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	Source: Buoy
07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospithe boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
07/28/16 23:40 EST 0 Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospithe boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
Wind gusts in excess of 30 knots were reported at the Patapsco Buoy. A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospithe boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	Marine Thunderstorm Wind (EG 34 kt)
A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmospithe boundary caused a few severe thunderstorms to produce gusty winds. DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	Source: Buoy
DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
DISTRICT OF COLUMBIA DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	phere. The instability along with
DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
DISTRICT OF COLUMBIA COUNTY 0.2 N WALTER REED [38.98, -77.03]	
07/18/16 15:12 EST 0	Thunderstorm Wind (EG 50 kt)
07/18/16 15:12 EST 0	Source: 911 Call Center

DISTRICT OF COLUMBIA COUNTY --- 0.3 N TENLEYTOWN [38.95, -77.07]

A large tree was uprooted in the 3600 Block of Everett Street Northwest.

07/18/16 15:19 EST

07/18/16 15:19 EST

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Thunderstorm Wind (EG 50 kt)

Source: Broadcast Media

0

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DISTRICT OF COLUMBIA COUNTY	Y 1.3 WSW BROOKLAND [38.92, -77.02]			Thursdood are Wind (FO 5014)
	07/18/16 15:24 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 15:24 EST		0	Source: 911 Call Center
A tree was down in the 700 Block o	of Barry Place Northwest.			
	rea. Ahead of the front, hot and humid con ability to trigger thunderstorms. Stronger s		=	_
DISTRICT OF COLUMBIA COUNTY	Y 1.5 SW TENLEYTOWN [38.94, -77.09] 07/19/16 21:40 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/16 21:40 EST		0	Source: Broadcast Media
A large tree was down on a home a	and vehicle in the 4700 Block of Quebec Stre	et.		
DISTRICT OF COLUMBIA COUNTY	V 44 SE CEODOSTOWN (20 04 77 04)			
DISTRICT OF COLUMBIA COUNTY	Y 1.1 SE GEORGETOWN [38.91, -77.04] 07/19/16 21:57 EST		0	Hail (1.50 in)
	07/19/16 21:57 EST		0	Source: Newspaper
Ping Pong sized hail was reported a	about one mile north of the White House.			
DISTRICT OF COLUMBIA COUNTY	Y 1.8 S BROOKLAND [38.90, -77.00]			
DIGITALOT OF GOLDMIDIA GOOK!	07/19/16 21:58 EST		0	Hail (1.00 in)
	07/19/16 21:58 EST		0	Source: Emergency Manager
Quarter sized hail was reported at t	the intersection of 6th Street Northeast and L	. Street Northeast	i.	
DISTRICT OF COLUMBIA COUNTY	Y 1.2 NE LINCOLN MEMORIAL [38.89, -7	7.041		
	07/19/16 21:59 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/16 21:59 EST		0	Source: Public
Several trees were down near the E	Ellipse of the White House.			
DISTRICT OF COLUMBIA COUNTY	Y 1.1 N US CAPITOL [38.90, -77.02]			
	07/19/16 22:02 EST		0	Hail (1.00 in)
	07/19/16 22:02 EST		0	Source: Trained Spotter
Quarter sized hail was reported nea	ar the intersection of 9th street Northwest and	d E Street Northv	vest.	
DISTRICT OF COLUMBIA COUNTY	Y 1.2 ENE US CAPITOL [38.89, -77.00]			
	07/19/16 22:02 EST		0	Hail (1.75 in)
	07/19/16 22:02 EST		0	Source: Newspaper
Golf ball sized hail was reported ab	out one mile east-southeast of the US Capito	ol.		
DISTRICT OF COLUMBIA COUNTY	Y 1.8 S BROOKLAND [38.90, -77.00]			
	07/19/16 22:03 EST		0	Hail (1.25 in)
	07/19/16 22:03 EST		0	Source: Trained Spotter
Half dollar sized hail was reported .				
DISTRICT OF COLUMBIA COUNTY	Y 0.8 SE US CAPITOL [38.87, -77.01]			
	07/19/16 22:05 EST		0	Hail (1.00 in)
Quarter sized hail was reported at N	07/19/16 22:05 EST		0	Source: Trained Spotter
addition of 200 mail was reported at t	Tationalo i ant.			
DISTRICT OF COLUMBIA COUNTY	Y 0.7 N US CAPITOL [38.89, -77.02]		0	Thunderstorm Wind (EC 52 kt)
	07/19/16 22:40 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/16 22:40 EST		0	Source: Public

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Location Date/Time Deaths & **Event Type and Details** Property & Injuries Crop Dma A straight path of tree damage was reported across the Mall near the Washington Monument. A boundary stalled over the area. Warm and humid conditions led to an unstable atmosphere while an upper-level trough passed through the area. The forcing from the boundary front combined with the instability to trigger thunderstorms. Stronger shear from the upper-level trough caused some thunderstorms to become severe. DISTRICT OF COLUMBIA COUNTY --- 0.6 N MOUNT PLEASANT [38.94, -77.05], 0.5 N MOUNT PLEASANT [38.94, -77.05], 0.6 N MOUNT PLEASANT [38.94, -77.05], 0.6 N MOUNT PLEASANT [38.94, -77.05], 0.8 N MOUNT PLEASANT [38.94, -77.05], 1.0 N MOUNT PLEASANT [38.94, -77.05], 0.9 N MOUNT PLEASANT [38.94, -77.05] 07/19/16 22:15 EST 0 Flash Flood (due to Heavy Rain) 07/20/16 01:30 EST 0 Source: Broadcast Media Beach Drive was closed between Broad Branch Road and Piney Branch Parkway due to flooding. DISTRICT OF COLUMBIA COUNTY --- 1.4 SW BROOKLAND [38.91, -77.02], 1.5 SW BROOKLAND [38.91, -77.02], 1.4 SW BROOKLAND [38.91, -77.02], 1.4 SW BROOKLAND [38.91, -77.02] 07/19/16 22:40 EST Flash Flood (due to Heavy Rain) n 07/20/16 01:30 EST Source: Emergency Manager Rhone Island Avenue was closed at the 400-500 block of Rhode Island Avenue due to high water. DISTRICT OF COLUMBIA COUNTY --- 1.4 SW BROOKLAND [38.91, -77.02], 1.4 SW BROOKLAND [38.91, -77.02], 1.5 SW BROOKLAND [38.91, -77.02], 0.6 NNW MOUNT PLEASANT [38.94, -77.05], 1.0 N MOUNT PLEASANT [38.94, -77.05], 0.9 N MOUNT PLEASANT [38.94, -77.05] 07/20/16 01:30 EST 0 Flood (due to Heavy Rain) 07/20/16 07:30 EST 0 Source: Emergency Manager Flooding continued from heavy rainfall that caused flash flooding on Beach Drive and Rhode Island Avenue. DISTRICT OF COLUMBIA COUNTY --- 0.2 NNW US CAPITOL [38.88, -77.02], 0.2 NW US CAPITOL [38.88, -77.02], 0.2 NW US CAPITOL [38.88, -77.02], 0.2 N US CAPITOL [38.88, -77.02] 07/20/16 05:30 EST 0 Flood (due to Heavy Rain) 07/20/16 07:30 EST 0 Source: 911 Call Center Interstate 395 eastbound ramp from 7th street was closed due to high water from previous night heavy rainfall. A boundary stalled over the area. Warm and humid conditions led to an unstable atmosphere while an upper-level trough passed through the area. The forcing from the boundary front combined with the instability to trigger thunderstorms. Stronger shear from the upper-level trough caused some thunderstorms to become severe. Thunderstorms produced heavy rainfall. (DC-Z001) DISTRICT OF COLUMBIA 07/23/16 14:00 EST 0 Heat 07/23/16 16:00 EST O A southwesterly flow around high pressure over the Atlantic pumped in plenty of moisture while hot conditions persisted due to an upper-level ridge of high pressure. The heat and humidity caused heat indices to top off around 105 degrees. (DC-Z001) DISTRICT OF COLUMBIA 07/25/16 12:00 EST 0 **Excessive Heat** 07/25/16 15:00 EST n A southwesterly flow around high pressure over the Atlantic pumped in plenty of moisture while hot conditions persisted due to an upper-level ridge of high pressure. The heat and humidity caused dangerous heat indices. MARYLAND, Central ANNE ARUNDEL COUNTY --- 0.8 N EARLEIGH HGTS [39.11, -76.55]

07/01/16 16:43 EST

07/01/16 16:43 EST

Trees down at the Intersection of Catherine Avenue and Harlem Avenue.

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Thunderstorm Wind (EG 52 kt)

Source: 911 Call Center

0

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNE ARUNDEL COUNTY 0.7 S P.	ASADENA [39.09, -76.57]			
	07/01/16 16:46 EST		0	Thunderstorm Wind (EG 52 kt)
	07/01/16 16:46 EST		0	Source: 911 Call Center
rees down at the intersection of Truck	k House Road and Swaying Oak Court.			
NNE ARUNDEL COUNTY 0.8 SSE				Thursday 1 (FO 50 L)
	07/01/16 16:51 EST		0	Thunderstorm Wind (EG 52 kt)
	07/01/16 16:51 EST		0	Source: 911 Call Center
rees were down at the intersection of	f Woods road and 11th Street.			
NNE ARUNDEL COUNTY 1.0 NW				
	07/01/16 16:54 EST		0	Thunderstorm Wind (EG 52 kt)
	07/01/16 16:54 EST		0	Source: 911 Call Center
rees down at the intersection of Garla	and Road and Mountain Road.			
RINCE GEORGE'S COUNTY 2.1 I				
	07/01/16 17:24 EST		0	Hail (1.00 in)
	07/01/16 17:24 EST		0	Source: Trained Spotter
Quarter sized hail was reported near E	Bowie.			
NNE ARUNDEL COUNTY 2.2 SE				
	07/01/16 21:40 EST		0	Thunderstorm Wind (MG 65 kt)
	07/01/16 21:40 EST		0	Source: Mesonet
A wind gust of 65 knots was measured	d nearby at Herring Bay.			
ANNE ARUNDEL COUNTY 2.6 SE			0	Thursdaystown Wind (FC E2 It)
	07/01/16 21:41 EST		0	Thunderstorm Wind (EG 52 kt)
	07/01/16 21:41 EST		0	Source: Department of Highways
arge tree down at Route 261 and Ca	talpa Avenue.			
ANNE ARUNDEL COUNTY 2.9 ESE				
	07/01/16 21:42 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/16 21:42 EST		0	Source: 911 Call Center
ree down on power lines at Walnut A	venue and Birch Avenue.			
o an unstable atmosphere. The insta	a on July 1st. A southerly flow ahead of ability combined with lift from the cold tronger sheer profiles from an upper-le	front caused thur	derstorms to deve	elop. Some
CALVERT COUNTY 0.5 NNW NOR	TH BEACH [38.71, -76.53], 0.4 NNW NO	RTH BEACH [38.7	1, -76.53], 0.6 N N	ORTH BEACH [38.71, -76.53], 0.6 NNW
,	07/01/16 22:00 EST		5K	Flood (due to Heavy Rain)
	07/02/16 01:00 EST		0	Source: 911 Call Center
here was a vehicle stuck in high wate	er near Chesapeake Ave and Fourth Stre	et. There were als	so reports of high w	vater on Route 261. This area is a flood
o an unstable atmosphere. The insta	a on July 1st. A southerly flow ahead of ability combined with lift from the cold tronger sheer profiles from an upper-le nfall.	front caused thur	derstorms to deve	elop. Some

BALTIMORE COUNTY --- 0.6 SSW MIDDLE RIVER [39.32, -76.45]

07/16/16 16:15 EST

07/16/16 16:15 EST

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Hail (1.00 in)

Source: Trained Spotter

0

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Quarter sized hail fell near Essex.				
BALTIMORE COUNTY 0.8 W (MTN)MA	RTIN ARPT BAL [39.32, -76.43] 07/16/16 16:23 EST		0	Hail (1.00 in)
	07/16/16 16:23 EST		0	Source: Trained Spotter
Quarter sized hail fell poor Martin State Air			Ü	Source. Trained opolici
Quarter sized hail fell near Martin State Air	port.			
BALTIMORE COUNTY 3.2 SSE ESSEX				T
	07/16/16 16:52 EST		0	Thunderstorm Wind (EG 52 kt)
	07/16/16 16:52 EST		0	Source: 911 Call Center
Roof damage to a home was reported due	to strong winds.			
BALTIMORE COUNTY 0.3 S LYNCH PT	[39.23, -76.43]			
	07/16/16 17:06 EST		0	Thunderstorm Wind (EG 52 kt)
	07/16/16 17:06 EST		0	Source: Trained Spotter
Trees were down along North Road.				
BALTIMORE COUNTY 2.8 SSE (MTN)M	IARTIN ARPT BAL [39,2876.401			
	07/16/16 17:06 EST		0	Thunderstorm Wind (EG 52 kt)
	07/16/16 17:06 EST		0	Source: Broadcast Media
Trees were down and boats on land were f	lipped.			
Southerly flow ushered in hot and humid some thunderstorms, and some were set BALTIMORE COUNTY 0.1 SSW BALTIM	vere with strong winds.		_	·
MARTIN ST [39.33, -76.43], 0.3 WNW BAL	TIMORE MARTIN ST [39.33, -76.43]		_	
	07/16/16 17:00 EST		0	Flash Flood (due to Heavy Rain)
	07/16/16 19:30 EST		0	Source: 911 Call Center
Wilson Point Road at Dark Head Cove Roa	ad was closed due to flooding.			
Southerly flow ushered in hot and humid some thunderstorms, and some were sev	= :		-	-
ALLEGANY COUNTY 0.2 SSW CUMBE				T
	07/18/16 12:23 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 12:23 EST		0	Source: 911 Call Center
Tree fell onto a house in the 300 Block of A	virett Avenue.			
ALLEGANY COUNTY 0.6 W EVITTS CF				
	07/18/16 12:23 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 12:23 EST		0	Source: 911 Call Center
Tree down near the intersection of Industria	al Boulevard and Seymour Street.			
ALLEGANY COUNTY 0.9 NW EVITTS O	CREEK [39.64, -78.76]			
	07/18/16 12:23 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 12:23 EST		0	Source: 911 Call Center
Tree down along roadway of the 900 block	of Grand Avenue.			
ALLEGANY COUNTY 1.1 N EVITTS CR	EEK [39.65, -78.75]			
	07/18/16 12:23 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 12:23 EST		0	Source: 911 Call Center
- , , , , ,				
Tree down along the roadway of the 600 B	lock of William Street.			

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALLEGANY COUNTY 2.7 S RIDGELEY [39.	- · ·			The death of Mad (50 50 L)
	07/18/16 12:27 EST		0	Thunderstorm Wind (EG 50 kt)
For a day of the state of the AFOOO Plants	07/18/16 12:27 EST		0	Source: 911 Call Center
Tree down in roadway along the 15000 Block o	of Cresap Mill Road.			
ALLEGANY COUNTY 3.0 SE RIDGELEY [3	9.60, -78.61] 07/18/16 12:34 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 12:34 EST		0	Source: 911 Call Center
Tree down in roadway in the 14000 Block of R	uby Road.			
BALTIMORE COUNTY 0.9 SW LUTHERVIL	LE [39.41, -76.63]			
	07/18/16 14:57 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 14:57 EST		0	Source: 911 Call Center
Telephone pole was snapped in half by high w	inds near the intersection of Jopp	oa Road and Abell	Ridge Circle.	
BALTIMORE COUNTY 1.1 N SWEET AIR [3	•			
	07/18/16 15:05 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 15:05 EST		0	Source: Trained Spotter
One 3-foot diameter tree was down on power I	ines.			
BALTIMORE COUNTY 1.0 WNW PARKVILI	LE [39.38, -76.57] 07/18/16 15:06 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/16 15:06 EST	2	0	Source: 911 Call Center
Multiple trees and wires down. Two individuals	were struck by the falling tree.			
BALTIMORE COUNTY 1.2 WSW ROGERS	FORGE [39.40, -76.62] 07/18/16 15:06 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/16 15:06 EST		0	Source: 911 Call Center
Numerous trees were down in Towson.				
MONTGOMERY COUNTY 0.6 WNW CARDI	EROCK SPGS [39.00, -77.18]			
	07/18/16 15:10 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 15:10 EST		0	Source: 911 Call Center
A tree was down near the intersection of River	Road and Bradley Boulevard.			
MONTGOMERY COUNTY 0.2 NNW BETHE	=		0	Thursdaystern Wird (CO 50 Lt)
	07/18/16 15:14 EST 07/18/16 15:14 EST		0	Thunderstorm Wind (EG 50 kt) Source: 911 Call Center
A tree was down near the intersection of Golds			Ü	Source. 911 dan Gerher
MONTGOMERY COUNTY 0.2 NNW BETHE	SDA [38.97, -77.12] 07/18/16 15:15 EST		0	Thunderstorm Wind (EC 50 bt)
	07/18/16 15:15 EST 07/18/16 15:15 EST		0	Thunderstorm Wind (EG 50 kt) Source: Department of Highways
A tree was down near the intersection of River		road was partially		Searce. Separation of Figure 49
MONTGOMERY COUNTY 0.6 E BETHESDA	A [38.97, -77.11] 07/18/16 15:15 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 15:15 EST		0	Source: 911 Call Center
A face was allowed as a set of the fact.				
A tree was down near the intersection of River	Road and Westbard Avenue.			

MONTGOMERY COUNTY --- 1.0 NW FRIENDSHIP HGTS [38.98, -77.09]

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A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorms to become severe. MONTGOMERY COUNTY 0.3 ESE KEMP MILL [39.03, -77.01] 07/19/16 21:20 EST 0 Thunderstorm Wind (EG 50 kt) 07/19/16 21:20 EST 0 Source: NWS Employee	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Active was down near the intersection of Wisconsian Avenue and Woodmont Avenue. **CONTGOMERY COUNTY — 0.3 W SOMERSET [38.58, .77.10] Of 7/18/10 15:18/1877 0		07/18/16 15:16 EST		0	Thunderstorm Wind (EG 50 kt)
INTEGER COUNTY — 0.3 W SOMERSET [B8.95, -77.10] 107/18/16 15/18 EST 0 Thunderstorm Wind (EC.50 kt) 107/18/16 15/18 EST 0 Thunderstorm Wind (EC.50 kt) 207/18/16 15/37 EST 0 Thunderstorm Wind (EC.50 kt) 207/18/16 15/36 EST 0 Thunderstorm Wind (EC.50 kt) 207/18/16 15/36 EST 0 Thunderstorm Wind (EC.50 kt) 207/18/16 15/36 EST 0 Source: Trained Spotter 207/18/16 15/36 EST 0 Source: Trained Spotter 207/18/16 15/36 EST 0 Thunderstorm Wind (EC.50 kt) 207/18/16 15/36 EST 0 Source: Trained Spotter 207/18/16 15/30 EST 0 Source: Trained Spotter 207/18/16 16/30 EST 0 Thunderstorm Wind (EC.50 kt) 207/18/16 16/30 EST 0 Thunderstorm Wind (EC.50 kt) 207/18/16 16/30 EST 0 Source: Trained Spotter 207/18/16 16/30 EST 0 Thunderstorm Wind (EC.50 kt) 207/18/16 16/30 EST 0 Source: Trained Spotter 207/18/16 16/30 EST 0 Source: Public 207/18/16 16/30 EST		07/18/16 15:16 EST		0	Source: 911 Call Center
OT/18/16 15:18 EST 0 Numbers form Wind (EG 50 kt) OT/18/16 15:18 EST 0 Source: Broadcast Media Attree was down on wires along the 5200 Block of Duvall Drive. HARLES COUNTY 1.3 W POMONKEY (38.52, -77.09) OT/18/16 15:37 EST 0 Source: 911 Call Center Whitiple trees were down near the intersection of Indian Head Highway and Laurel Drive. RINGE GEORGE'S COUNTY 0.6 SSE NAYLOR (38.71, -78.75) OT/18/16 15:35 EST 0 Thurderstorm Wind (EG 50 kt) OT/18/16 15:35 EST 0 Source: 1911 Call Center Wind (EG 50 kt) OT/18/16 15:35 EST 0 Source: 1911 Call Center Wind (EG 50 kt) OT/18/16 15:35 EST 0 Source: 1911 Call Center Wind (EG 50 kt) OT/18/16 15:35 EST 0 Source: Trained Spotter arge tree limbs were snapped near the intersection of Candy Hill road and Croom Road. HARLES COUNTY 0.1 NNW GALLANT GREEN (38.60, -76.78) OT/18/16 16:00 EST 0 Source: Trained Spotter Arge tree limb fell onto a house in the 15000 Block of Woodville Road. ALVERT COUNTY 1.9 ENE BARSTOW (38.54, -76.59) OT/18/16 16:10 EST 0 Thurderstorm Wind (EG 50 kt) OT/18/16 16:10 EST 0 Source: Public Attree was down across the roadway on Gray Inn Court. TI. MARY'S COUNTY 1.3 NO CAKVILLE (38.39, -76.57) OT/18/16 16:15 EST 0 Thurderstorm Wind (EG 50 kt) OT/18/16 16:15 EST 0 Source: 911 Call Center TI. MARY'S COUNTY 1.3 SSE RIDGE (38.10, -76.35) OT/18/16 16:15 EST 0 Thurderstorm Wind (EG 50 kt) OT/18/16 16:22 EST 0 Source: 911 Call Center TI. MARY'S COUNTY 1.3 SSE RIDGE (38.10, -76.35) OT/18/16 16:22 EST 0 Thurderstorm Wind (EG 50 kt) OT/18/16 16:22 EST 0 Thurderstorm Wind (EG 50 kt) OT/18/16 16:22 EST 0 Thurderstorm Wind (EG 50 kt) OT/18/16 16:22 EST 0 Source: Public To the was down along the intersection of Loveville Road and Karvanagh Road. TI. MARY'S COUNTY 0.3 ESE KEMP MILL (39.03, -77.01) OT/18/16 16:22 EST 0 Source: Public To the several brees were down near Buzza Marina. To the fell of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the cold front combined with the instability to trigger t	A tree was down near the intersection of Wisco	onsin Avenue and Woodmont Av	enue.		
After was down on wires along the 5200 Block of Duvall Drive. **HARLES COUNTY 1.3 W POMONKEY [38.82, -77.89] O' 18/16 15:37 EST O Thunderstorm Wind (EG 50 M) O'718/16 15:37 EST O Source: 911 Call Center **Winderstorm Wind (EG 50 M) O'718/16 15:37 EST O Source: 1911 Call Center **Winderstorm Wind (EG 50 M) O'718/16 15:35 EST O Thunderstorm Wind (EG 50 M) O'718/16 15:35 EST O Thunderstorm Wind (EG 50 M) O'718/16 15:35 EST O Source: Trained Spotter arge tree limbs were snapped near the intersection of Candy Hill road and Croom Road. **HARLES COUNTY 0.1 NNW GALLANT GREEN [38.60, -76.78] O'718/16 16:00 EST O Source: Trained Spotter **ALVERT COUNTY 1.9 ENE BARSTOW [38.64, -76.89] O'718/16 16:10 EST O Source: Trained Spotter **ALVERT COUNTY 1.9 ENE BARSTOW [38.64, -76.89] O'718/16 16:10 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:10 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:10 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:10 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:15 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:15 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:15 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:15 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:15 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:15 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:15 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:15 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:25 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:25 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:25 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:25 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:25 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:25 EST O Thunderstorm Wind (EG 50 M) O'718/16 16:25 EST O Source: Public ***COUNTY 1.2 NW OAKVILLE [38.9, -77.91] O'718/16 21:20 EST O Source: The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some understorms to become severe. ***ONTGOMERY COUNTY 0.7 S PARKWOOD [38.01, -77.86]	MONTGOMERY COUNTY 0.3 W SOMERSE			0	Thunderstorm Wind (EC 50 kt)
Thursdenstorm Wind (EG 50 kt) O718/16 15:37 EST O718/16 15:38 EST O718/16 16:38 EST O718/16 16:38 EST O718/16 16:30 EST					
O7/18/16 15.37 EST 0 Thunderstorm Wind (EG 50 k) O7/18/16 15.37 EST 0 Source: 911 Call Center	A tree was down on wires along the 5200 Bloc	k of Duvall Drive.			
O7/18/16 15.37 EST 0 Thunderstorm Wind (EG 50 k) O7/18/16 15.37 EST 0 Source: 911 Call Center					
07/18/16 15:37 EST 0 Source: 911 Call Center Wildlighe trees were down near the intersection of Indian Head Highway and Laurel Drive. RINCE GEORGE'S COUNTY — 0.6 SSE NAYLOR [38:71, -76.75] 07/18/16 15:55 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 15:55 EST 0 Source: Trained Spotter arge tree limbs were enapped near the intersection of Candy Hill road and Croom Road. HARLES COUNTY — 0.1 NNW GALLANT GREEN [38:60, -76.78] 07/18/16 16:00 EST 0 Source: Trained Spotter arge tree limbs were enapped near the intersection of Candy Hill road and Croom Road. HARLES COUNTY — 0.1 NNW GALLANT GREEN [38:60, -76.78] 07/18/16 16:00 EST 0 Source: Trained Spotter arge tree limb fiell onto a house in the 15000 Block of Woodwille Road. ALVERT COUNTY — 1.9 ENE BARSTOW [38:54, -76.59] 07/18/16 16:10 EST 0 Source: Public O7/18/16 16:10 EST 0 Source: Public O7/18/16 16:10 EST 0 Source: Public O7/18/16 16:15 EST 0 Source: 911 Call Center ALT. MARY'S COUNTY — 1.2 NW OAKVILLE [38:39, -76.67] 07/18/16 16:15 EST 0 Source: 911 Call Center ALT. MARY'S COUNTY — 1.3 SSE RIDGE [38:10, -76.38] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public Source: Public Several trees were down near Buzzs Marina. ALCOID from passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorms to become severe. HONTGOMERY COUNTY — 0.3 ESE KEMP MILL [38:03, -77.01] 07/19/16 21:20 EST 0 Source: NWS Employee Holliple large cask trees were down.	CHARLES COUNTY 1.3 W POMONKEY [38	· ·		0	Thunderstorm Wind (FC FO kt)
Autiple trees were down near the intersection of Indian Head Highway and Laurel Drive. RINCE GEORGE'S COUNTY 0.6 SSE NAYLOR [38.71, -76.75] 07/18/16 15:55 EST 0 Source: Trained Spotter arge tree limbs were enapped near the intersection of Cardy Hill road and Croom Road. HARLES COUNTY 0.1 NNW GALLANT GREEN [38.60, -76.78] 07/18/16 16:00 EST 07/18/16 16:00 EST 1 0 Source: Trained Spotter Thunderstorm Wind (EG 50 kt) 07/18/16 16:00 EST 1 0 Source: Trained Spotter ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.59] 07/18/16 16:10 EST 07/18/16 16:10 EST 07/18/16 16:10 EST 07/18/16 16:10 EST 07/18/16 16:15 EST 0 Source: Public THUNDERSTORM WIND GEG 50 kt) 07/18/16 16:15 EST 0 Source: 911 Cail Center ALTER WAS GOUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Source: 911 Cail Center ALTER WAS GOUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public THUNDERSTORM WIND (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public					,
or/18/16 15:55 EST 0 Thunderstorm Wind (EG 50 kt) O/18/16 15:55 EST 0 Source: Trained Spotter arge tree limbs were snapped near the intersection of Candy Hill road and Croom Road. **HARLES COUNTY 0.1 NNW GALLANT GREEN [38.60, -76.78] O/18/16 16:00 EST 0 Thunderstorm Wind (EG 50 kt) O/18/16 16:00 EST 1 0 Source: Trained Spotter arge tree limb fell onto a house in the 15000 Block of Woodville Road. **ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.59] O/18/16 16:10 EST 0 Thunderstorm Wind (EG 50 kt) O/18/16 16:10 EST 0 Source: Public **ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.59] O/18/16 16:10 EST 0 Source: Public **ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.67] O/18/16 16:15 EST 0 Source: 911 Call Center **ALVERT COUNTY 1.2 NW OAKVILLE [38.39, -76.67] O/18/16 16:15 EST 0 Source: 911 Call Center **ALVER Was down along the intersection of Loveville Road and Kavanagh Road. **ALVER Was down along the intersection of Loveville Road and Kavanagh Road. **ALVER Was down along the intersection of Loveville Road and Kavanagh Road. **ALVER COUNTY 1.3 SSE RIDGE [38.10, -76.36] O/18/16 16:52 EST 0 Source: Public **ALVER Was down near Buzzs Marina. **ALVER COUNTY 1.3 SSE RIDGE [38.10, -76.36] O/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) O/18/16 16:52 EST 0 Source: Public **ALVER COUNTY 0.3 ESE KEMP MILL [38.03, -77.01] O/19/16 21:20 EST 0 Thunderstorm Wind (EG 50 kt) O/19/16 21:20 EST 0 Source: NWS Employee **Multiple large oak trees were down. **MONTGOMERY COUNTY 0.7 S PARKWOOD [39.01, -77.08] O/19/16 21:20 EST 0 Hail (1.00 in)	Multiple trees were down near the intersection		urel Drive.	Ü	oddioc. orr odn odnici
or/18/16 15:55 EST 0 Thunderstorm Wind (EG 50 kt) O/18/16 15:55 EST 0 Source: Trained Spotter arge tree limbs were snapped near the intersection of Candy Hill road and Croom Road. **HARLES COUNTY 0.1 NNW GALLANT GREEN [38.60, -76.78] O/18/16 16:00 EST 0 Thunderstorm Wind (EG 50 kt) O/18/16 16:00 EST 1 0 Source: Trained Spotter arge tree limb fell onto a house in the 15000 Block of Woodville Road. **ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.59] O/18/16 16:10 EST 0 Thunderstorm Wind (EG 50 kt) O/18/16 16:10 EST 0 Source: Public **ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.59] O/18/16 16:10 EST 0 Source: Public **ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.67] O/18/16 16:15 EST 0 Source: 911 Call Center **ALVERT COUNTY 1.2 NW OAKVILLE [38.39, -76.67] O/18/16 16:15 EST 0 Source: 911 Call Center **ALVER Was down along the intersection of Loveville Road and Kavanagh Road. **ALVER Was down along the intersection of Loveville Road and Kavanagh Road. **ALVER Was down along the intersection of Loveville Road and Kavanagh Road. **ALVER COUNTY 1.3 SSE RIDGE [38.10, -76.36] O/18/16 16:52 EST 0 Source: Public **ALVER Was down near Buzzs Marina. **ALVER COUNTY 1.3 SSE RIDGE [38.10, -76.36] O/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) O/18/16 16:52 EST 0 Source: Public **ALVER COUNTY 0.3 ESE KEMP MILL [38.03, -77.01] O/19/16 21:20 EST 0 Thunderstorm Wind (EG 50 kt) O/19/16 21:20 EST 0 Source: NWS Employee **Multiple large oak trees were down. **MONTGOMERY COUNTY 0.7 S PARKWOOD [39.01, -77.08] O/19/16 21:20 EST 0 Hail (1.00 in)	DDINGE CEODOE'S COUNTY A C SSE NA	/I OD [20 74 76 75]			
arge tree limbs were snapped near the intersection of Candy Hill road and Croom Road. HARLES COUNTY 0.1 NNW GALLANT GREEN [38.60, 76.78] 07/18/16 16.00 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16.00 EST 1 0 Source: Trained Spotter arge tree limb fell onto a house in the 15000 Block of Woodville Road. FALVERT COUNTY 1.9 ENE BARSTOW [38.54, 76.59] 07/18/16 16:10 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:10 EST 0 Source: Public Attree was down across the roadway on Gray Inn Court. TI. MARY'S COUNTY 1.2 NW OAKVILLE [38.39, 76.67] 07/18/16 16:15 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:15 EST 0 Source: 911 Call Center Attree was down along the intersection of Loveville Road and Kavanagh Road. TI. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public Attree was down near Buzzs Marina. At cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorms to become severe. HONTGOMERY COUNTY 0.3 ESE KEMP MILL [39.03, -77.01] 07/19/16 21:20 EST 0 Source: NWS Employee Multiple large oak trees were down.	NINGE GEORGE 3 COUNTY U.0 33E NA	• '		0	Thunderstorm Wind (EG 50 kt)
CHARLES COUNTY 0.1 NNW GALLANT GREEN [38.60, -76.78] 07/18/16 16:00 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:00 EST 1 0 Source: Trained Spotter arge tree limb fell onto a house in the 15000 Block of Woodville Road. CALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.59] 07/18/16 16:10 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:10 EST 0 Source: Public Attree was down across the roadway on Gray Inn Court. CAT. MARY'S COUNTY 1.2 NW OAKVILLE [38.39, -76.67] 07/18/16 16:15 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:15 EST 0 Source: 911 Call Center CAT. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public CAT. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Source: Public CAT. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 21:20 EST 0 Thunderstorm Wind (EG 50 kt) 07/19/16 21:20 EST 0 Thunderstorm Wind (EG 50 kt) 07/19/16 21:20 EST 0 Source: NWS Employee		07/18/16 15:55 EST		0	
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arge tree limb fell onto a house in the 15000 Block of Woodville Road. ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.59] 07/18/16 16:10 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:10 EST 0 Source: Public Attree was down across the roadway on Gray Inn Court. IT. MARY'S COUNTY 1.2 NW OAKVILLE [38.39, -76.67] 07/18/16 16:15 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:15 EST 0 Source: 911 Call Center Attree was down along the intersection of Loveville Road and Kavanagh Road. IT. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public Deveral trees were down near Buzzs Marina. Acold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some nunderstorms to become severe. IONTGOMERY COUNTY 0.3 ESE KEMP MILL [39.03, -77.01] 07/19/16 21:20 EST 0 Source: NWS Employee Multiple large oak trees were down. IONTGOMERY COUNTY 0.7 S PARKWOOD [39.01, -77.08] 07/19/16 21:28 EST 0 Hail (1.00 in)	CHARLES COUNTY 0.1 NNW GALLANT G	REEN [38.60, -76.78]			
ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.59] 07/18/16 16:10 EST 0 Source: Public T. MARY'S COUNTY 1.2 NW OAKVILLE [38.39, -76.67] 07/18/16 16:15 EST 0 Source: 911 Call Center T. MARY'S COUNTY 1.3 NSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public T. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public T. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public To the state of					
ALVERT COUNTY 1.9 ENE BARSTOW [38.54, -76.59] 07/18/16 16:10 EST 0 Source: Public At tree was down across the roadway on Gray Inn Court. IT. MARY'S COUNTY 1.2 NW OAKVILLE [38.39, -76.67] 07/18/16 16:15 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:15 EST 0 Source: 911 Call Center At tree was down along the intersection of Loveville Road and Kavanagh Road. IT. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public Several trees were down near Buzzs Marina. A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorms to become severe. IONTGOMERY COUNTY 0.3 ESE KEMP MILL [39.03, -77.01] 07/19/16 21:20 EST 0 Source: NWS Employee Multiple large oak trees were down. IONTGOMERY COUNTY 0.7 S PARKWOOD [39.01, -77.08] 07/19/16 21:28 EST 0 Hail (1.00 in)		07/18/16 16:00 EST	1	0	Source: Trained Spotter
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07/18/16 16:10 EST 0 Source: Public Attree was down across the roadway on Gray Inn Court. IT. MARY'S COUNTY 1.2 NW OAKVILLE [38.39, -76.67] 07/18/16 16:15 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:15 EST 0 Source: 911 Call Center Attree was down along the intersection of Loveville Road and Kavanagh Road. IT. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public Accord front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorms to become severe. IONTGOMERY COUNTY 0.3 ESE KEMP MILL [39.03, -77.01] 07/19/16 21:20 EST 0 Source: NWS Employee Multiple large oak trees were down.	CALVERT COUNTY 1.9 ENE BARSTOW [3				
Attree was down across the roadway on Gray Inn Court. IT. MARY'S COUNTY 1.2 NW OAKVILLE [38.39, -76.67] 07/18/16 16:15 EST 0 Source: 911 Call Center Attree was down along the intersection of Loveville Road and Kavanagh Road. IT. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public deveral trees were down near Buzzs Marina. A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorms to become severe. IONTGOMERY COUNTY 0.3 ESE KEMP MILL [39.03, -77.01] 07/19/16 21:20 EST 0 Source: NWS Employee fulltiple large oak trees were down. IONTGOMERY COUNTY 0.7 S PARKWOOD [39.01, -77.08] 07/19/16 21:28 EST 0 Hail (1.00 in)					
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0 Source: 911 Call Center Actree was down along the intersection of Loveville Road and Kavanagh Road. IT. MARY'S COUNTY 1.3 SSE RIDGE [38.10, -76.36] 07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public deveral trees were down near Buzzs Marina. A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorms to become severe. INONTGOMERY COUNTY 0.3 ESE KEMP MILL [39.03, -77.01] 07/19/16 21:20 EST 0 Thunderstorm Wind (EG 50 kt) 07/19/16 21:20 EST 0 Source: NWS Employee Autitiple large oak trees were down.	ST. MARY'S COUNTY 1.2 NW OAKVILLE [
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07/18/16 16:52 EST 0 Thunderstorm Wind (EG 50 kt) 07/18/16 16:52 EST 0 Source: Public Several trees were down near Buzzs Marina. A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the old front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some hunderstorms to become severe. MONTGOMERY COUNTY 0.3 ESE KEMP MILL [39.03, -77.01] 07/19/16 21:20 EST 0 Thunderstorm Wind (EG 50 kt) 07/19/16 21:20 EST 0 Source: NWS Employee Multiple large oak trees were down. MONTGOMERY COUNTY 0.7 S PARKWOOD [39.01, -77.08] 07/19/16 21:28 EST 0 Hail (1.00 in)	A tree was down along the intersection of Love	eville Road and Kavanagh Road.			
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07/19/16 21:20 EST 0 Source: NWS Employee **Multiple large oak trees were down.** **MONTGOMERY COUNTY 0.7 S PARKWOOD [39.01, -77.08] 07/19/16 21:28 EST 0 Hail (1.00 in)	MONTGOMERY COUNTY 0.3 ESE KEMP N			0	Thunderstorm Wind /EC 50 kt\
Multiple large oak trees were down. MONTGOMERY COUNTY 0.7 S PARKWOOD [39.01, -77.08] 07/19/16 21:28 EST 0 Hail (1.00 in)					
07/19/16 21:28 EST 0 Hail (1.00 in)	Multiple large oak trees were down.	5 10 E 1.EU EU1		-	
07/19/16 21:28 EST 0 Hail (1.00 in)		DD [39.01, -77.08]			
07/19/16 21:28 EST 0 Source: Public				0	Hail (1.00 in)
		07/19/16 21:28 EST		0	Source: Public

Quarter sized hail was reported.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY 1.3 WSW	GEORGETOWN JCT [38.99, -77.07]			
	07/19/16 21:29 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/16 21:29 EST		0	Source: 911 Call Center
lumerous trees were down in near Ch	evy Chase.			
MONTGOMERY COUNTY 0.2 NNW				
	07/19/16 21:35 EST 07/19/16 21:35 EST		0	Thunderstorm Wind (EG 50 kt) Source: Broadcast Media
wo large trees were down at the inters	section of River Road and Goldsboro Roa	ad.	U	Source. Broadcast Media
MONTGOMERY COUNTY 0.9 SE W	OODHAVEN [38.99, -77.12] 07/19/16 22:16 EST		0	Thunderstorm Wind (EC 50 kt)
	07/19/16 22:16 EST		0	Thunderstorm Wind (EG 50 kt) Source: Emergency Manager
			U	Source. Emergency manager
Multiple trees were down near Bethesd	la.			
PRINCE GEORGE'S COUNTY 2.1 S			0	Thunderstorm Wind (EC 50 kt)
	07/19/16 23:00 EST 07/19/16 23:00 EST		0	Thunderstorm Wind (EG 50 kt) Source: 911 Call Center
			U	Source, 911 Call Center
tree was down on Woodyard Road at	t Sherwood Drive.			
ALVERT COUNTY 0.1 SW HUNTIN				
			0	Thunderstorm Wind (EG 52 kt)
	07/19/16 23:32 EST			· · · · · · · · · · · · · · · · · · ·
boundary stalled over the area. Wai	07/19/16 23:32 EST of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the ins	able atmosphere	0 while an upper-le	Source: 911 Call Center
A boundary stalled over the area. Wan hrough the area. The forcing from the apper-level trough caused some thun MONTGOMERY COUNTY 0.0 SW G	07/19/16 23:32 EST of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the ins	able atmosphere	0 while an upper-le thunderstorms. S	Source: 911 Call Center evel trough passed Stronger shear from the
A boundary stalled over the area. Wan hrough the area. The forcing from the apper-level trough caused some thun	07/19/16 23:32 EST of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. ELEN ECHO [38.97, -77.13], 0.1 SW GLER	able atmosphere	while an upper-lethunderstorms. S	Source: 911 Call Center evel trough passed Stronger shear from the N ECHO [38.97, -77.13], 0.1 WNW GLEN
A boundary stalled over the area. Wan hrough the area. The forcing from the apper-level trough caused some thun MONTGOMERY COUNTY 0.0 SW G	07/19/16 23:32 EST of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. SLEN ECHO [38.97, -77.13], 0.1 SW GLEN 07/19/16 22:40 EST	able atmosphere	while an upper-leter thunderstorms. Solution 17.13], 0.1 W GLEN	Source: 911 Call Center evel trough passed Stronger shear from the
A boundary stalled over the area. War through the area. The forcing from the upper-level trough caused some thun MONTGOMERY COUNTY 0.0 SW G ECHO [38.97, -77.13]	07/19/16 23:32 EST of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. ELEN ECHO [38.97, -77.13], 0.1 SW GLER	able atmosphere stability to trigger	while an upper-leter thunderstorms. Solution 5K	Source: 911 Call Center evel trough passed Stronger shear from the N ECHO [38.97, -77.13], 0.1 WNW GLEN Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue
A boundary stalled over the area. Wai hrough the area. The forcing from the apper-level trough caused some thun MONTGOMERY COUNTY 0.0 SW GECHO [38.97, -77.13] A car stalled in high water at the interset A boundary stalled over the area. Wai hrough the area. The forcing from the	07/19/16 23:32 EST of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the insiderstorms to become severe. iLEN ECHO [38.97, -77.13], 0.1 SW GLEN 07/19/16 22:40 EST 07/20/16 01:30 EST	able atmosphere stability to trigger N ECHO [38.97, -7] oro Road. The wastable atmosphere stability to trigger	while an upper-lethunderstorms. S 77.13], 0.1 W GLEN 5K 0 ter was estimated while an upper-lethunderstorms. S	Source: 911 Call Center evel trough passed Stronger shear from the N ECHO [38.97, -77.13], 0.1 WNW GLEN Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue to be 8 inches deep.
A boundary stalled over the area. Wai hrough the area. The forcing from the apper-level trough caused some thun MONTGOMERY COUNTY 0.0 SW GECHO [38.97, -77.13] A car stalled in high water at the interse A boundary stalled over the area. Wai hrough the area. The forcing from the apper-level trough caused some thun MD-Z011) SOUTHERN BALTIMORE, (of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. ILEN ECHO [38.97, -77.13], 0.1 SW GLEN 07/19/16 22:40 EST 07/20/16 01:30 EST ection of Massachusetts Ave and Goldsborm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. Thunders (MD-Z013) PRINCE GEORGES, (MD-Z015 TRAL AND SOUTHEAST MONTGOMERY	able atmosphere stability to trigger N ECHO [38.97, -7 oro Road. The was table atmosphere stability to trigger storms produced A) ANNE ARUND	while an upper-letthunderstorms. Str. 13], 0.1 W GLEN 5K 0 ter was estimated while an upper-letthunderstorms. Str. 14 thunderstorms. Str. 15 theavy rainfall.	Source: 911 Call Center Evel trough passed Stronger shear from the N ECHO [38.97, -77.13], 0.1 WNW GLEN Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue to be 8 inches deep. Evel trough passed Stronger shear from the ARLES, (MD-Z017) ST. MARY'S,
A boundary stalled over the area. Wai hrough the area. The forcing from the apper-level trough caused some thun MONTGOMERY COUNTY 0.0 SW GECHO [38.97, -77.13] A car stalled in high water at the interse A boundary stalled over the area. Wai hrough the area. The forcing from the apper-level trough caused some thun MD-Z011) SOUTHERN BALTIMORE, (of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. SLEN ECHO [38.97, -77.13], 0.1 SW GLEN 07/19/16 22:40 EST 07/20/16 01:30 EST ection of Massachusetts Ave and Goldsborm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. Thunders (MD-Z013) PRINCE GEORGES, (MD-Z01-	able atmosphere stability to trigger N ECHO [38.97, -7 oro Road. The was table atmosphere stability to trigger storms produced A) ANNE ARUND	while an upper-lethunderstorms. S 77.13], 0.1 W GLEN 5K 0 ter was estimated while an upper-lethunderstorms. S heavy rainfall.	Source: 911 Call Center Evel trough passed Stronger shear from the N ECHO [38.97, -77.13], 0.1 WNW GLEN Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue to be 8 inches deep. Evel trough passed Stronger shear from the
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A boundary stalled over the area. Washrough the area. The forcing from the apper-level trough caused some thun MONTGOMERY COUNTY 0.0 SW GECHO [38.97, -77.13] A car stalled in high water at the interse A boundary stalled over the area. Washrough the area. The forcing from the apper-level trough caused some thun MD-Z011) SOUTHERN BALTIMORE, (MD-Z018) CALVERT, (MD-Z504) CENTA Southwesterly flow around high presented in the southwesterly flow around high pr	of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. ILEN ECHO [38.97, -77.13], 0.1 SW GLEN 07/19/16 22:40 EST 07/20/16 01:30 EST ection of Massachusetts Ave and Goldsborm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. Thunders (MD-Z013) PRINCE GEORGES, (MD-Z01- TRAL AND SOUTHEAST MONTGOMER' 07/23/16 12:00 EST 07/23/16 18:00 EST essure over the Atlantic pumped in plen the heat and humidity caused heat indice	able atmosphere stability to trigger N ECHO [38.97, -7] oro Road. The was table atmosphere stability to trigger storms produced A) ANNE ARUNDIY	while an upper-letthunderstorms. Str. 13], 0.1 W GLEN 5K 0 ter was estimated while an upper-letthunderstorms. Str. 1 heavy rainfall. EL, (MD-Z016) CHA 0 0 hile hot conditions and 105 degrees.	Source: 911 Call Center Evel trough passed Stronger shear from the N ECHO [38.97, -77.13], 0.1 WNW GLEN Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue to be 8 inches deep. Evel trough passed Stronger shear from the ARLES, (MD-Z017) ST. MARY'S, Heat s persisted due to an
A boundary stalled over the area. Washrough the area. The forcing from the apper-level trough caused some thundance of the proof of the	of Hunting Creek Road and Huntingtown rm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. ILEN ECHO [38.97, -77.13], 0.1 SW GLEN 07/19/16 22:40 EST 07/20/16 01:30 EST ection of Massachusetts Ave and Goldsborm and humid conditions led to an unst e boundary front combined with the ins nderstorms to become severe. Thunders (MD-Z013) PRINCE GEORGES, (MD-Z01 TRAL AND SOUTHEAST MONTGOMER' 07/23/16 12:00 EST 07/23/16 18:00 EST essure over the Atlantic pumped in plen ne heat and humidity caused heat indice VILLE [39.70, -76.47] 07/23/16 17:15 EST	able atmosphere stability to trigger N ECHO [38.97, -7] oro Road. The was table atmosphere stability to trigger storms produced A) ANNE ARUNDIY	while an upper-let thunderstorms. S 77.13], 0.1 W GLEN 5K 0 ter was estimated while an upper-let thunderstorms. S heavy rainfall. EL, (MD-Z016) CHA 0 0 hile hot conditions and 105 degrees.	Source: 911 Call Center evel trough passed Stronger shear from the N ECHO [38.97, -77.13], 0.1 WNW GLEN Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue to be 8 inches deep. evel trough passed Stronger shear from the ARLES, (MD-Z017) ST. MARY'S, Heat Thunderstorm Wind (EG 52 kt)
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A boundary stalled over the area. Washrough the area. The forcing from the apper-level trough caused some thundapper-level trough caused some thundapper-level trough caused some thundapper-level trough water at the interse A boundary stalled over the area. Washrough the area. The forcing from the apper-level trough caused some thundapper-level trough caused some thundapper-level trough caused some thundapper-level trough caused some thundapper-level rough caused some thundapper-level rough caused some thundapper-level rough around high prespective ridge of high pressure. The ARFORD COUNTY 3.5 E NORRIST	of Hunting Creek Road and Huntingtown rm and humid conditions led to an unstate boundary front combined with the instances to become severe. SEEN ECHO [38.97, -77.13], 0.1 SW GLEN 07/19/16 22:40 EST 07/20/16 01:30 EST ection of Massachusetts Ave and Goldsborm and humid conditions led to an unstate boundary front combined with the instances to become severe. Thunders (MD-Z013) PRINCE GEORGES, (MD-Z014) TRAL AND SOUTHEAST MONTGOMER' 07/23/16 12:00 EST 07/23/16 18:00 EST essure over the Atlantic pumped in plentate heat and humidity caused heat indicated VILLE [39.70, -76.47] 07/23/16 17:15 EST 07/23/16 17:15 EST even Telegraph and Onion Road.	able atmosphere stability to trigger N ECHO [38.97, -7] oro Road. The was table atmosphere stability to trigger storms produced A) ANNE ARUNDIY	while an upper-let thunderstorms. S 77.13], 0.1 W GLEN 5K 0 ter was estimated while an upper-let thunderstorms. S heavy rainfall. EL, (MD-Z016) CHA 0 0 hile hot conditions and 105 degrees.	Source: 911 Call Center evel trough passed Stronger shear from the N ECHO [38.97, -77.13], 0.1 WNW GLEN Flash Flood (due to Heavy Rain) Source: Fire Department/Rescue to be 8 inches deep. evel trough passed Stronger shear from the ARLES, (MD-Z017) ST. MARY'S, Heat Thunderstorm Wind (EG 52 kt)

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ARFORD COUNTY 0.8 ENE VALE [39.54, -76.38] 07/23/16 17:54 EST 0 Source: 911 Call Center reses were down along Grafton Shop Road. ARFORD COUNTY 1.4 NE VALE [39.54, -76.38] 07/23/16 17:58 EST 0 Thunderstorm Wind (EG 52 kt) 07/23/16 17:58 EST 0 Thunderstorm Wind (EG 52 kt) 07/23/16 17:58 EST 0 Source: 911 Call Center reses were down at the intersection of Red Pump Road and Ennis Way. In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an another that was in place. NNE ARUNDEL COUNTY 1.0 NNW SHADYSIDE ARPT [38.83, -76.44] 07/25/16 00:06 EST 0 Source: Trained Spotter In isolated thunderstorm produced strong winds during the early morning of the 25th. In 20203 WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, MD-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2016) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, MD-2016) FORTREAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HOWARD, (MD-2508) SOUTHEAST ARPORD 07/25/16 10:00 EST 0 Heat 07/25/16 10:00 EST 0 EXCESSIVE Heat 07/25/16 10:00 EST 0 Heat 07/25/16	ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
07/23/16 17:35 EST 0 Trunderstorm Wind (EG 52 kt) 07/23/16 17:36 EST 0 Source: 911 Call Center rese were down along North Tollgate Road. ARFORD COUNTY — 0.8 ENE VALE [39.54, -76.38] 07/23/16 17:58 EST 0 Trunderstorm Wind (EG 52 kt) 07/23/16 17:58 EST 0 Source: 911 Call Center Process were down along Grafton Shop Road. ARFORD COUNTY — 1.4 NE VALE [39.54, -76.38] 07/23/16 17:59 EST 0 Trunderstorm Wind (EG 52 kt) 07/23/16 17:59 EST 0 Source: 911 Call Center Process were down at the intersection of Red Pump Road and Ennis Way. In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an instable atmosphere that was in place. NNE ARUNDEL COUNTY — 1.0 NNW SHADYSIDE ARPT [38.83, -76.54] 07/25/16 00.00 EST 0 Source: Trained Spetter Tree was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 25th. AD 2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, ADD-2013) PRINCE GEORGES, (MD-2015) CHARLES, (MD-2017) ST. MARY'S, (MD-2019) CALVERT, (MD-2003) NORTHWEST MONTGOMERY, ADD-2016, ORTHWEST HOWARD, (MD-2504) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HARFORD, (MD-2506) SOUTHEAST ARPORD 07/25/16 10:00 EST 0 Excessive Heat 07/25/16 10:00 EST 0 Heat 07/25/16 10:00	rees were down near the intersection of St. A	nn Drive and MD-543.			
rees were down along North Toilgate Road. ARFORD COUNTY — 0.8 ENE VALE [39.54, -76.38] 07723/16 17:54 EST 0 Thundersform Wind (EG 52 kt) 07723/16 17:54 EST 0 Source: 911 Call Center rees were down along Grafton Shop Road. ARFORD COUNTY — 1.4 NE VALE [39.54, -76.38] 07723/16 17:58 EST 0 Thundersform Wind (EG 52 kt) 07723/16 17:58 EST 0 Source: 911 Call Center rees were down at the intersection of Red Pump Road and Ennis Way. In upper-level disturbance in a northwest flow aloft triggered a few thundersforms. Some thundersforms became severe due to an stable atmosphere that was in place. NNE ARUNDEL COUNTY — 1.0 NNW SHADYSIDE ARPT [38.83, -76.54] 07725/16 00:06 EST 07725/16 10:00 EST 0 Excessive Heat 07725/16 10:00 EST 0 Heat 07725/16	ARFORD COUNTY 1.1 W BEL AIR [39.53	, -76.37]			
ARFORD COUNTY — 0.8 ENE VALE [39.54, -76.39] 07/23/16 17:54 EST 0 Cource: 911 Call Center 07/23/16 17:54 EST 0 Source: 911 Call Center 07/23/16 17:55 EST 0 Thunderstorm Wind (E0 52 kt) 07/23/16 17:55 EST 0 Thunderstorm Wind (E0 52 kt) 07/23/16 17:59 EST 0 Thunderstorm Wind (E0 52 kt) 07/23/16 17:59 EST 0 Source: 911 Call Center 07/23/16 17:59 EST 0 Source: 911 Call Center 07/23/16 17:59 EST 0 Source: 911 Call Center 07/23/16 17:59 EST 0 Thunderstorm Wind (E0 52 kt) 07/23/16 17:59 EST 0 Source: 911 Call Center 07/23/16 17:59 EST 0 Thunderstorm Wind (E0 52 kt) 07/23/16 17:59 EST 0 Source: 911 Call Center 07/23/16 17:59 EST 0 Thunderstorm Wind (E0 52 kt) 07/23/16 17:59 EST 0 Source: 911 Call Center 07/23/16 17:59 EST 0 Thunderstorm Wind (E0 52 kt) 07/25/16 10:00 EST 0 Thunderstorm Wind (E0 50 kt) 07/25/16 10:00 EST 0 Source: Trained Spotter 1. Trained Spotter 1		07/23/16 17:35 EST		0	Thunderstorm Wind (EG 52 kt)
ARFORD COUNTY 0.8 ENE VALE [39.54, -76.38] 07/23/16 17:54 EST 0 Source: 911 Call Center rese were down along Grafton Shop Road. ARFORD COUNTY 1.4 NE VALE [39.54, -76.38] 07/23/16 17:58 EST 0 Thunderstorm Wind (EG 52 kt) 07/23/16 17:58 EST 0 Thunderstorm Wind (EG 52 kt) 07/23/16 17:58 EST 0 Source: 911 Call Center reses were down at the intersection of Red Pump Road and Ennis Way. In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an another that was in place. NNE ARUNDEL COUNTY 1.0 NNW SHADYSIDE ARPT [38.83, -76.54] 07/25/16 00:06 EST 0 Source: Trained Spotter 1. Tree was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 25th. In 20203 WASHINGTON, (MD-2046) FREDERICK, (MD-2005) CARROLL, (MD-2066) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, MD-2013) PRAINE GEORGES, (MD-2017) ST. MARY'S, (MD-2016) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, MD-2030) NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HORD SOUTHEAST AND SOUTHEAST BOYZES/16 17:00 EST 0 POTZES/16 17:00 EST 0 PECCENTRAL AND SOUTHEAST MONTGOMERY 07/25/16 17:00 EST 0 PECCENTRAL AND SOUTHEAST MONTGOMERY 07/25/16 12:00 EST 0 PECCENTRAL AND SOUTHEAST MONTGOMERY 07/25/16 12:00 EST 0 PECCENTRAL AND SOUTHEAST MONTGOMERY 07/25/16 16:00 EST 0 PECCENTRAL AND SOUTHEAST MONTGOMER		07/23/16 17:35 EST		0	Source: 911 Call Center
### OFFICE OF COUNTY 1.4 NEVALE [39.54, -76.38] ### OFFICE OF COUNTY 1.4 NEVALE [39.54, -76.38] ### OFFICE OF COUNTY 1.4 NEVALE [39.54, -76.38] ### OFFICE	rees were down along North Tollgate Road.				
crees were down along Grafton Shop Road. ARFORD COUNTY — 1.4 NE VALE [39.54, -76.38] O7:23/16 17:58 EST OSource: 911 Call Center rees were down at the intersection of Red Pump Road and Ennis Way. In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an instable atmosphere that was in place. NNE ARUNDEL COUNTY — 1.0 NNW SHADYSIDE ARPT [38.35, -76.54] O7:25/16 00:06 EST O7:25/16 10:00 ES	IARFORD COUNTY 0.8 ENE VALE [39.54,	-76.39]			
ARFORD COUNTY — 1.4 NE VALE [39.54, -76.38] 07723/16 17:58 EST 0 Thunderstorm Wind (EG 52 k1) 07723/16 17:58 EST 0 Source: 911 Call Center rees were down at the intersection of Red Pump Road and Ennis Way. In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an instable atmosphere that was in place. NNE ARUNDEL COUNTY — 1.0 NNW SHADYSIDE ARPT [38.33, -76.54] 07/25/16 00:06 EST 0 Thunderstorm Wind (EG 50 kt) 07/25/16 00:06 EST 0 Source: Trained Spotter three was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 25th. MD-203) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, MD-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2016) CALVERT, (MD-2503) NORTHWEST HARRORD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HARRORD, (MD-2508) SOUTHEAST ARFORD 07/25/16 17:00 EST 0 Excessive Heat 07/25/16 17:00 EST 0 Excessive Heat 07/25/16 10:00 EST 0 Excessive Heat 07/25/16 10:00 EST 0 Flood (due to date on apper-level ridge of high pressure over the Atlantic pumped in plenty of moisture while hot conditions persisted due to an apper-level ridge of high pressure over the Atlantic pumped in plenty of moisture while hot conditions persisted due to an apper-level ridge of high pressure over the Atlantic pumped in plenty of moisture while h		07/23/16 17:54 EST		0	Thunderstorm Wind (EG 52 kt)
ARFORD COUNTY 1.4 NE VALE [39.54, -77.6] 07/23/16 17:58 EST 0 Source: 911 Call Center rees were down at the intersection of Red Pump Road and Ennis Way. In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an instable atmosphere that was in place. NNE ARUNDEL COUNTY 1.0 NNW SHADYSIDE ARPT [38.83, -76.54] 07/25/16 00:06 EST 0 Thunderstorm Wind (EG 50 kt) 07/25/16 00:06 EST 0 Source: Trained Spotter three was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 25th. MD-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, MD-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2007) CALVERT, (MD-2030) NORTHWEST MONTGOMERY, MD-2016) CAPARLES, (MD-2017) ST. MARY'S, (MD-2017) CALVERT, (MD-2030) NORTHWEST HONEROR, (MD-2508) SOUTHEAST ARFORD 07/25/16 10:00 EST 0 Excessive Heat 07/25/16 17:00 EST 0 Excessive Heat 07/25/16 10:00 EST 0 OT/25/16 10:00 EST 0 Heat 07/25/16 10:00 EST 0 Heat 07/25/16 10:00 EST 0 OT/25/16 10:00 EST 0 Heat 07/25/16 10:00 EST 0 Heat 00		07/23/16 17:54 EST		0	Source: 911 Call Center
O7723/16 17:58 EST 0 Thunderstorm Wind (EG 52 kt) O7723/16 17:58 EST 0 Source: 911 Call Center of the control of Red Pump Road and Ennis Way. In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an instable atmosphere that was in place. INNE ARUNDEL COUNTY — 1.0 NNW SHADYSIDE ARPT (38.83, 76.54) O7725/16 00:06 EST 0 Thunderstorm Wind (EG 50 kt) O7725/16 00:06 EST 0 Source: Trained Spotter Intere was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 25th. IND-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, (MD-2013) PRINCE GEORGES, (MD-2014) CHARLES, (MD-2017) ST. MARY'S, (MD-2015) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, (MD-2506) NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HARFORD, (MD-2508) SOUTHEAST AND SOUTHEAST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HOWARD, (MD-2508) SOUTHEAST O7725/16 10:00 EST 0 Excessive Heat O7725/16 10:00 EST 0 Excessive Heat O7725/16 10:00 EST 0 Excessive Heat O7725/16 10:00 EST 0 H	rees were down along Grafton Shop Road.				
rees were down at the intersection of Red Pump Road and Ennis Way. In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an Instable atmosphere that was in place. INNE ARUNDEL COUNTY 1.0 NNW SHADYSIDE ARPT [38.83, -76.54] 07725/16 00:06 EST 0 0 Thunderstorm Wind (EG 50 kt) 07725/16 00:06 EST 0 Source: Trained Spotter Itree was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early moming of the 25th. IND-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2016) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, IND-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2017) ST. MARY'S, (MD-2016) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, IND-2003) WASHINGTON, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST MONTGOMERY, IND-2003 NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST MONTGOMERY, IND-2004) ANNE ARUNDEL, (MD-2504) CENTRAL AND SOUTHEAST MONTGOMERY 07/25/16 10:00 EST 0 Excessive Heat IND-2014) ANNE ARUNDEL, (MD-2504) CENTRAL AND SOUTHEAST MONTGOMERY 07/25/16 15:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 Flood (due to Heavy Rain)	ARFORD COUNTY 1.4 NE VALE [39.54, -	76.38]			
In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an instable atmosphere that was in place. INNE ARUNDEL COUNTY 1.0 NNW SHADYSIDE ARPT [38.83, -76.54] 07725/16 00:06 EST 0 Thunderstorm Wind (EG 50 kt) 07725/16 00:06 EST 0 Source: Trained Spotter It ree was down in the roadway on Chalik Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 25th. IND-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, (MD-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2016) CAUVERT, (MD-2503) NORTHWEST MONTGOMERY, (MD-2506) NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HORD, (MD-2508) SOUTHEAST ARFORD 0725/16 10:00 EST 0 Heat 07/25/16 10:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 Heat		07/23/16 17:58 EST		0	Thunderstorm Wind (EG 52 kt)
In upper-level disturbance in a northwest flow aloft triggered a few thunderstorms. Some thunderstorms became severe due to an instable atmosphere that was in place. INNE ARUNDEL COUNTY 1.0 NNW SHADYSIDE ARPT [38.83, -76.54] 07725/16 00:06 EST 0 Source: Trained Spotter It ree was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 25th. IND-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, (MD-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2016) CALVERT, (MD-2030) NORTHWEST HONTGOMERY, MD-2509) NORTHWEST HOWARD, (MD-2508) SOUTHEAST ARFORD 07725/16 10:00 EST 0 Heat 07725/16 10:00 EST 0 Excessive Heat 07725/16 10:00 EST 0 To Excessive Heat 07725/16 10:00 EST 0 To Excessive Heat 07725/16 10:00 EST 0 To Excessive Heat 07725/16 10:00 EST 0 Heat 0726/16 10:00 EST 0 To Excessive Heat 0726/16 10:00 EST 0 Flood (due to Heavy Rain)		07/23/16 17:58 EST		0	Source: 911 Call Center
INNE ARUNDEL COUNTY 1.0 NNW SHADYSIDE ARPT [38.83, -76.54] O7/25/16 00:06 EST O7/25/16 00:06 EST O7/25/16 00:06 EST O Source: Trained Spotter Uree was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 28th. IND-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, (MD-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2018) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, (MD-2018) NORTHWEST HOWARD, (MD-2508) SOUTHEAST MONTGOMERY, (MD-2509) NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HARRORD, (MD-2508) SOUTHEAST ARFORD O7/25/16 10:00 EST O7/25/16 10:00	rees were down at the intersection of Red Pu	ımp Road and Ennis Way.			
07/25/16 00:06 EST 0 Thunderstorm Wind (EG 50 kt) 07/25/16 00:06 EST 0 Source: Trained Spotter Itree was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In Isolated thunderstorm produced strong winds during the early morning of the 25th. IND-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, (MD-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2016) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, (MD-2505) NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HARFORD, (MD-2508) SOUTHEAST ARFORD 07/25/16 10:00 EST 0 Heat 07/25/16 11:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 Heat 07/25/16 16:00 EST 0 Heat	n upper-level disturbance in a northwest flo instable atmosphere that was in place.	ow aloft triggered a few thunde	rstorms. Some th	understorms beca	me severe due to an
O7/25/16 00:06 EST 0 Source: Trained Spotter Itree was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 25th. In isolated thunderstorm produced strong winds during the early morning of the 25th. IND-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, IND-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2018) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, IND-2505) NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HARFORD, (MD-2508) SOUTHEAST ARFORD O7/25/16 10:00 EST 0 Heat O7/25/16 17:00 EST 0 Excessive Heat O7/25/16 15:00 EST 0 Excessive Heat O7/25/16 15:00 EST 0 Heat O7/25/16 13:00 EST 0 Floot (due to an opper-level ridge of high pressure. Heat indices around 105 degrees were reported in southern Maryland.	NNE ARUNDEL COUNTY 1.0 NNW SHAD	= -			
tree was down in the roadway on Chalk Point Road a half mile north of Muddy Creek Road. In isolated thunderstorm produced strong winds during the early morning of the 25th. IND-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, (MD-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2018) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, (MD-2506) NORTHWEST HOWARD, (MD-2506) SOUTHEAST HOWARD, (MD-2507) NORTHWEST HARFORD, (MD-2508) SOUTHEAST HOWARD, (MD-2506) NORTHWEST HARFORD, (MD-2508) SOUTHEAST HOWARD, (MD-25014) ANNE ARUNDEL, (MD-2504) CENTRAL AND SOUTHEAST MONTGOMERY 07/25/16 17:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 Heat 07/28/16 15:00 EST 0 Heat 07/28/16 13:00 EST 0 Flood (due to an peper-level ridge of high pressure. Heat indices around 105 degrees were reported in southern Maryland.		07/25/16 00:06 EST		0	Thunderstorm Wind (EG 50 kt)
IN isolated thunderstorm produced strong winds during the early morning of the 25th. MD-2003) WASHINGTON, (MD-2004) FREDERICK, (MD-2005) CARROLL, (MD-2006) NORTHERN BALTIMORE, (MD-2011) SOUTHERN BALTIMORE, (MD-2013) PRINCE GEORGES, (MD-2016) CHARLES, (MD-2017) ST. MARY'S, (MD-2018) CALVERT, (MD-2503) NORTHWEST MONTGOMERY, (MD-2505) NORTHWEST HOWARD, (MD-2506) CENTRAL AND SOUTHEAST HOWARD, (MD-2507) NORTHWEST HARFORD, (MD-2508) SOUTHEAST ARFORD 07/25/16 10:00 EST 0 Heat 07/25/16 17:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 Heat 07/25/16 16:00 EST 0 Heat 07/28/16 16:00 EST 0 Fereign of this pressure. The heat and humidity caused dangerous heat indices. MD-2017) ST. MARY'S 07/28/16 16:00 EST 0 Heat 07/28/16 16:00 EST 0 Heat 07/28/16 16:00 EST 0 Fereign of this pressure. Heat indices around 105 degrees were reported in southern Maryland.		07/25/16 00:06 EST		0	Source: Trained Spotter
MD-Z014) ANNE ARUNDEL, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY 07/25/16 12:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 o I southwesterly flow around high pressure over the Atlantic pumped in plenty of moisture while hot conditions persisted due to an pper-level ridge of high pressure. The heat and humidity caused dangerous heat indices. MD-Z017) ST. MARY'S 07/28/16 13:00 EST 0 Heat 07/28/16 16:00 EST 0 I southwesterly flow around high pressure over the Atlantic pumped in plenty of moisture while hot conditions persisted due to an pper-level ridge of high pressure. Heat indices around 105 degrees were reported in southern Maryland. IONTGOMERY COUNTY 0.5 ENE BROOKEVILLE [39.18, -77.06], 0.4 ENE BROOKEVILLE [39.18, -77.06], 0.5 NE BROOKEVILLE [39.18, -77.06] 07/28/16 15:10 EST 0 Flood (due to Heavy Rain)	an isolated thunderstorm produced strong v	winds during the early morning	of the 25th.		
MD-Z014) ANNE ARUNDEL, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY 07/25/16 12:00 EST 0 Excessive Heat 07/25/16 15:00 EST 0 . southwesterly flow around high pressure over the Atlantic pumped in plenty of moisture while hot conditions persisted due to an pper-level ridge of high pressure. The heat and humidity caused dangerous heat indices. MD-Z017) ST. MARY'S 07/28/16 13:00 EST 0 Heat 07/28/16 16:00 EST 0 . southwesterly flow around high pressure over the Atlantic pumped in plenty of moisture while hot conditions persisted due to an pper-level ridge of high pressure. Heat indices around 105 degrees were reported in southern Maryland. IONTGOMERY COUNTY 0.5 ENE BROOKEVILLE [39.18, -77.06], 0.4 ENE BROOKEVILLE [39.18, -77.06], 0.5 NE BROOKEVILLE [39.18, -77.06] 07/28/16 15:10 EST 0 Flood (due to Heavy Rain)	MD-Z003) WASHINGTON, (MD-Z004) FREDE MD-Z013) PRINCE GEORGES, (MD-Z016) CH MD-Z505) NORTHWEST HOWARD, (MD-Z50	winds during the early morning RICK, (MD-Z005) CARROLL, (M HARLES, (MD-Z017) ST. MARY'S 6) CENTRAL AND SOUTHEAST	of the 25th. ID-Z006) NORTHE S, (MD-Z018) CALV	/ERT, (MD-Z503) N 507) NORTHWEST	ORTHWEST MONTGOMERY, HARFORD, (MD-Z508) SOUTHEAST
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ST. MARY'S COUNTY --- 0.6 SSE VALLEY LEE [38.19, -76.52], 0.4 S VALLEY LEE [38.19, -76.52], 0.3 ENE VALLEY LEE [38.20, -76.51], 0.6 E VALLEY

LEE [38.20, -76.51]

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Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dmg	
	07/29/16 01:17 EST		0	Flood (due to Heavy Rain)
	07/29/16 07:00 EST		0	Source: Public

There were at least two roads flooded and impassible between Callaway and Piney Point near Valley Lee.

A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmosphere. The instability along with the boundary caused a few severe thunderstorms to develop. Thunderstorms produced heavy rainfall.

FREDERICK COUNTY --- 1.7 S CATOCTIN FURNACE [39.55, -77.43], 1.7 NNW LEWISTOWN [39.55, -77.43], 1.7 NNW [39.55, -77.43], 1.7 N

 07/30/16 16:02 EST
 0
 Flood (due to Heavy Rain)

 07/31/16 21:30 EST
 0
 Source: 911 Call Center

Auburn Road was closed near to Baugher Road due to flooding.

MONTGOMERY COUNTY --- 1.2 N BURDETTS [39.22, -77.32], 1.6 NNE BURDETTS [39.22, -77.31], 1.8 N BURDETTS [39.23, -77.32], 2.0 N BURDETTS [39.23, -77.32], 1.7 N BUCK LODGE [39.22, -77.33]

 07/30/16 18:48 EST
 0
 Flood (due to Heavy Rain)

 07/30/16 20:02 EST
 0
 Source: River/Stream Gage

The stream gauge on Ten Mile Creek in Boyds exceeded their 7 foot flood stage. The peak was 8.55 feet at 19:15 EST. Agricultural fields near Ten Mile Creek flooded.

HOWARD COUNTY --- 0.6 SE BRINKLEIGH MANOR [39.28, -76.82], 0.9 ESE PINE ORCHARD [39.28, -76.85], 0.8 ENE PINE ORCHARD [39.28, -76.86], 0.7 WNW BRINKLEIGH MANOR [39.28, -76.84], 0.4 ESE BRINKLEIGH MANOR [39.28, -76.82]

07/30/16 18:52 EST 0 Flash Flood (due to Heavy Rain)

07/30/16 20:30 EST 0 Source: County Official

Route 40 was closed at Route 29 in Ellicott City. There was a home at 3239 Brookmeade Road with high water marks about 2 feet high on the garage doors.

HOWARD COUNTY --- 0.3 ESE ELLICOTT CITY [39.27, -76.79], 0.3 SE ELLICOTT CITY [39.27, -76.79], 0.3 SSE ELLICOTT CITY [39.27, -76.80], 0.3 SSW ELLICOTT CITY [39.27, -76.80], 1.0 W ELLICOTT CITY [39.27, -76.82], 0.8 ESE BRINKLEIGH MANOR [39.28, -76.82]

 07/30/16 19:06 EST
 2
 22.40M
 Flash Flood (due to Heavy Rain)

 07/31/16 03:15 EST
 0
 Source: NWS Storm Survey

The survey revealed clear signs of flooding both from the Patapsco River and from flash flooding within Ellicott City. Signs of flooding, including damaged pavement, were observed as far up as the intersection of Rogers Avenue and Frederick Road, where Hudson Branch came out of its banks. From this location, eyewitnesses reported seeing water not only in the creek, but moving swiftly down Main Street beginning "just after dark". The intersection of Rogers Avenue and Frederick Road is about 140 feet higher in elevation than the lower part of Old Town Ellicott City. Erosion was noted on both the street side and the creek side of homes along Main Street in a portion of the 8500 block.

The next signs of damage were in the 8300 block of Main Street, with damage again observed both on the creek/river side and the street side of Main Street. The creek/river side is where the most vehicles were impacted, in "Lot D".

In the 8200 block, surveys and surveillance footage show water anywhere from 6 inches to two feet inside buildings on Main Street along with substantial damage to sidewalks and infrastructure outside the buildings.

The most significant damage observed was near 8100 Main Street, where the street curves slightly. Video surveillance footage reviewed after the event clearly indicates that water from the Tiber River was flowing through buildings on the south side of Main Street in this area, toward the street.

Closer to the Patapsco, damage continued with water marks observed 6-8 feet high on and in most buildings. The force of the floodwaters swept away the iconic Ellicott City clock as well as the historical flood marker that was attached to the railroad bridge.

Direct Fatalities: F35IW, M38IW

MONTGOMERY COUNTY --- 1.2 ESE CLARKSBURG [39.22, -77.26], 1.3 ESE CLARKSBURG [39.22, -77.26], 1.2 ESE CLARKSBURG [39.22, -77.26], 1.1 ESE CLARKSBURG [39.22, -77.26]

 07/30/16 19:18 EST
 5K
 Flash Flood (due to Heavy Rain)

 07/31/16 03:15 EST
 0
 Source: Emergency Manager

There was 10 inches of flowing water near 22300 North Frederick Road. There was a person assisted from a car.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOWARD COUNTY 1.7 NW ELKRIDGE [[39.24, -76.74], 1.6 SE ILCHESTER [39.24, -76.75], 0.7	7 ESE ILCHESTER	[39.25, -76.76], 0.4 SE ILCHESTER
[39.25, -76.76], 0.8 SE ELLICOTT CITY [39.	- · · · · · · · · · · · · · · · · · · ·	/ [39.26, -76.78], (
	07/30/16 19:26 EST		0	Flash Flood (due to Heavy Rain)
	07/30/16 23:01 EST		0	Source: River/Stream Gage
The stream gauge on the Patapsco River at occurring along the river.	t Catonsville reached their flood stag	e of 20 feet. It pea	aked at 27.14 at 20	0:15 EST. Significant flooding was
HOWARD COUNTY 0.3 ESE ELLICOTT (CITY 130 27 76 701 0 4 SE ELLICO	TT CITY (20 27)	76 901 0 1 WSW E	ILLICOTT CITY (20 27 76 90) 0.4
SW ELLICOTT CITY [39.27, -76.80], 0.2 S E			-	
-76.79]	,,,,,		[00:2:, .0:00]	, 6 202 222.00
-	07/30/16 19:30 EST		0	Flash Flood (due to Heavy Rain)
	07/30/16 22:02 EST		0	Source: River/Stream Gage
The streets source on the Determine Division of	FULL AND CITY OF A SHOOT AND A SHOTT AND A SHOOT AND A SHOTT AND A	£ 404		at at 20,00 FCT. Maintending accounted
The stream gauge on the Patapsco River at across Old Town Ellicott City and became medamage from flooding.				
MONTGOMERY COUNTY 1.7 WSW DAV	'IS ARPT [39.24, -77.18], 1.7 WSW D	AVIS ARPT [39.2	4, -77.18], 2.0 WS	N DAVIS ARPT [39.24, -77.18], 2.0
WSW DAVIS ARPT [39.24, -77.19]	07/30/16 19:44 EST		5K	Flash Flood (due to Heavy Rain)
	07/31/16 03:15 EST		0	Source: Emergency Manager
				5 , 5
There were multiple people rescued from a	car by a boat near the 8900 block of	Watkins Road.		
BALTIMORE COUNTY 0.9 SW MILFORD) [39.3676.76], 0.9 SSW MILFORD	[39.3676.76]. 0	.8 SSW MILFORD	[39.36, -76.76], 0.8 SW MILFORD
	L OND			,,
[39.36, -76.76], 0.9 SW MILFORD [39.367	6.76], 0.9 SW MILFORD [39.3676.	761		
[39.36, -76.76], 0.9 SW MILFORD [39.36, -7	6.76], 0.9 SW MILFORD [39.36, -76. 07/30/16 19:46 EST	76]	0	Flash Flood (due to Heavy Rain)
	07/30/16 19:46 EST 07/30/16 21:01 EST		0	Source: River/Stream Gage
The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage	e of 7 feet. It peak	0 ed at 7.83 feet at 2	Source: River/Stream Gage 20:20 EST. Water entered backyards of
[39.36, -76.76], 0.9 SW MILFORD [39.36, -76.76] The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO HALETHORPE [39.25, -76.69]	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE	e of 7 feet. It peak	0 ed at 7.83 feet at 2 -76.69], 0.4 ESE H	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E
The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE 07/30/16 19:48 EST	e of 7 feet. It peak	0 ed at 7.83 feet at 2 - 76.69], 0.4 ESE H A	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E Flash Flood (due to Heavy Rain)
The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE	e of 7 feet. It peak	0 ed at 7.83 feet at 2 -76.69], 0.4 ESE H	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E
The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE 07/30/16 19:48 EST 07/30/16 20:16 EST	e of 7 feet. It peak	0 ed at 7.83 feet at 2 - 76.69], 0.4 ESE H 0 0	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E Flash Flood (due to Heavy Rain) Source: River/Stream Gage
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The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO HALETHORPE [39.25, -76.69] The stream gauge on East Branch Herbert I the creek and approached the top of a culve HOWARD COUNTY 2.1 NNE NORMAND	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE 07/30/16 19:48 EST 07/30/16 20:16 EST Run reached their flood stage of 7 feert at Sulphur Spring Road. Y HGTS [39.31, -76.79], 2.5 N NORM NORMANDY HGTS [39.31, -76.79] 07/30/16 19:48 EST	e of 7 feet. It peak THORPE [39.24, -	0 ed at 7.83 feet at 2 -76.69], 0.4 ESE Ha 0 0 13 feet at 19:55 E	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E Flash Flood (due to Heavy Rain) Source: River/Stream Gage ST. Water approached structures along NORMANDY HGTS [39.32, -76.79], 2.4 Flash Flood (due to Heavy Rain)
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The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO HALETHORPE [39.25, -76.69] The stream gauge on East Branch Herbert I the creek and approached the top of a culve HOWARD COUNTY 2.1 NNE NORMAND N NORMANDY HGTS [39.31, -76.79], 2.2 N The stream gauge on the Patapsco River at	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE 07/30/16 19:48 EST 07/30/16 20:16 EST Run reached their flood stage of 7 feert at Sulphur Spring Road. Y HGTS [39.31, -76.79], 2.5 N NORN NORMANDY HGTS [39.31, -76.79] 07/30/16 19:48 EST 07/30/16 21:33 EST	e of 7 feet. It peak THORPE [39.24, -	0 ed at 7.83 feet at 2 76.69], 0.4 ESE Ha 0 0 13 feet at 19:55 E3 32, -76.79], 2.5 N 0 0	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E Flash Flood (due to Heavy Rain) Source: River/Stream Gage ST. Water approached structures along NORMANDY HGTS [39.32, -76.79], 2.4 Flash Flood (due to Heavy Rain) Source: River/Stream Gage
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The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO HALETHORPE [39.25, -76.69] The stream gauge on East Branch Herbert I the creek and approached the top of a culve HOWARD COUNTY 2.1 NNE NORMAND N NORMANDY HGTS [39.31, -76.79], 2.2 N The stream gauge on the Patapsco River at flood. MONTGOMERY COUNTY 1.4 E LAYTON	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE 07/30/16 19:48 EST 07/30/16 20:16 EST Run reached their flood stage of 7 feert at Sulphur Spring Road. Y HGTS [39.31, -76.79], 2.5 N NORN NORMANDY HGTS [39.31, -76.79] 07/30/16 19:48 EST 07/30/16 21:33 EST t Hollofield reached their flood stage	e of 7 feet. It peak THORPE [39.24, -	0 ed at 7.83 feet at 2 -76.69], 0.4 ESE Ha 0 0 13 feet at 19:55 Es -32, -76.79], 2.5 N 0 0 ced at 14.05 feet at	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E Flash Flood (due to Heavy Rain) Source: River/Stream Gage ST. Water approached structures along NORMANDY HGTS [39.32, -76.79], 2.4 Flash Flood (due to Heavy Rain) Source: River/Stream Gage t 20:30 EST. Hollofield Road began to
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The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO HALETHORPE [39.25, -76.69] The stream gauge on East Branch Herbert I the creek and approached the top of a culve HOWARD COUNTY 2.1 NNE NORMAND N NORMANDY HGTS [39.31, -76.79], 2.2 N The stream gauge on the Patapsco River at flood. MONTGOMERY COUNTY 1.4 E LAYTON E LAYTONSVILLE [39.22, -77.13]	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE 07/30/16 19:48 EST 07/30/16 20:16 EST Run reached their flood stage of 7 feet at Sulphur Spring Road. Y HGTS [39.31, -76.79], 2.5 N NORM NORMANDY HGTS [39.31, -76.79] 07/30/16 19:48 EST 07/30/16 21:33 EST t Hollofield reached their flood stage ISVILLE [39.22, -77.13], 1.5 ESE LAM 07/30/16 19:52 EST 07/31/16 03:15 EST ear 5700 Sundown Road.	e of 7 feet. It peak THORPE [39.24, -	0 ed at 7.83 feet at 2 -76.69], 0.4 ESE H. 0 0 13 feet at 19:55 E3 -76.79], 2.5 N 0 0 ced at 14.05 feet at -21, -77.12], 1.3 ES 15K 0	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E Flash Flood (due to Heavy Rain) Source: River/Stream Gage ST. Water approached structures along NORMANDY HGTS [39.32, -76.79], 2.4 Flash Flood (due to Heavy Rain) Source: River/Stream Gage t 20:30 EST. Hollofield Road began to SE LAYTONSVILLE [39.21, -77.13], 1.0 Flash Flood (due to Heavy Rain) Source: Emergency Manager
The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO HALETHORPE [39.25, -76.69] The stream gauge on East Branch Herbert I the creek and approached the top of a culve HOWARD COUNTY 2.1 NNE NORMAND N NORMANDY HGTS [39.31, -76.79], 2.2 N The stream gauge on the Patapsco River at flood. MONTGOMERY COUNTY 1.4 E LAYTON E LAYTONSVILLE [39.22, -77.13]	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE 07/30/16 19:48 EST 07/30/16 20:16 EST Run reached their flood stage of 7 feet at Sulphur Spring Road. Y HGTS [39.31, -76.79], 2.5 N NORM NORMANDY HGTS [39.31, -76.79] 07/30/16 19:48 EST 07/30/16 21:33 EST t Hollofield reached their flood stage ISVILLE [39.22, -77.13], 1.5 ESE LAM 07/30/16 19:52 EST 07/31/16 03:15 EST ear 5700 Sundown Road.	e of 7 feet. It peak THORPE [39.24, -	0 ed at 7.83 feet at 2 -76.69], 0.4 ESE H. 0 0 13 feet at 19:55 E3 -76.79], 2.5 N 0 0 ced at 14.05 feet at -21, -77.12], 1.3 ES 15K 0	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E Flash Flood (due to Heavy Rain) Source: River/Stream Gage ST. Water approached structures along NORMANDY HGTS [39.32, -76.79], 2.4 Flash Flood (due to Heavy Rain) Source: River/Stream Gage t 20:30 EST. Hollofield Road began to SE LAYTONSVILLE [39.21, -77.13], 1.0 Flash Flood (due to Heavy Rain) Source: Emergency Manager
The stream gauge on Scotts Level Branch a homes near the stream. BALTIMORE COUNTY 0.9 SE HALETHO HALETHORPE [39.25, -76.69] The stream gauge on East Branch Herbert I the creek and approached the top of a culve HOWARD COUNTY 2.1 NNE NORMAND N NORMANDY HGTS [39.31, -76.79], 2.2 N The stream gauge on the Patapsco River at flood. MONTGOMERY COUNTY 1.4 E LAYTON E LAYTONSVILLE [39.22, -77.13]	07/30/16 19:46 EST 07/30/16 21:01 EST at Rockdale reached their flood stage ORPE [39.24, -76.69], 0.8 SSE HALE 07/30/16 19:48 EST 07/30/16 20:16 EST Run reached their flood stage of 7 feet at Sulphur Spring Road. Y HGTS [39.31, -76.79], 2.5 N NORM NORMANDY HGTS [39.31, -76.79] 07/30/16 19:48 EST 07/30/16 21:33 EST t Hollofield reached their flood stage ISVILLE [39.22, -77.13], 1.5 ESE LAM 07/30/16 19:52 EST 07/31/16 03:15 EST ear 5700 Sundown Road.	e of 7 feet. It peak THORPE [39.24, -	0 ed at 7.83 feet at 2 -76.69], 0.4 ESE H. 0 0 13 feet at 19:55 E3 -76.79], 2.5 N 0 0 ced at 14.05 feet at -21, -77.12], 1.3 ES 15K 0	Source: River/Stream Gage 20:20 EST. Water entered backyards of ALETHORPE [39.25, -76.69], 0.5 E Flash Flood (due to Heavy Rain) Source: River/Stream Gage ST. Water approached structures along NORMANDY HGTS [39.32, -76.79], 2.4 Flash Flood (due to Heavy Rain) Source: River/Stream Gage t 20:30 EST. Hollofield Road began to SE LAYTONSVILLE [39.21, -77.13], 1.0 Flash Flood (due to Heavy Rain) Source: Emergency Manager

There were two people rescued from a car by boat near 19800 Georgia Ave.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY 1.2 W LAYTO	NSVILLE [39.22, -77.17], 1.1 NNE G	GOSHEN [39.22, -7	7.17], 1.1 NNE GO	SHEN [39.22, -77.17], 1.3 W
_AYTONSVILLE [39.22, -77.17]	07/30/16 19:53 EST		0	Flash Flood (due to Heavy Rain)
	07/31/16 03:15 EST		0	Source: Emergency Manager
here was a road closed near the intersect		I Downs Road due		, ,
HOWARD COUNTY 0.8 NW ELKRIDGE 76.71], 0.9 E ELKRIDGE [39.22, -76.70], 0	-	[39.23, -76.74], 1.4	NW ELKRIDGE [39.23, -76.74], 0.5 ENE ELKRIDGE [39.22,
	07/30/16 19:55 EST		0	Flash Flood (due to Heavy Rain)
	07/31/16 00:31 EST		0	Source: River/Stream Gage
he stream gauge on the Patapsco River a tructures, Washington Boulevard began to w spot near the end of Levering Avenue t	flood at the Elkridge/Halethorpe bo			
BALTIMORE COUNTY 0.8 NNE CATON	SVILLE MANOR [39.31, -76.71], 0.8	SE WOODLAWN	[39.31, -76.72], 0.7	' SE WOODLAWN [39.31, -76.72], 0.6
SSE WOODLAWN [39.31, -76.72], 0.7 SSE				
	07/30/16 20:12 EST		0	Flash Flood (due to Heavy Rain)
	07/30/16 20:53 EST		0	Source: River/Stream Gage
The stream gauge at Dead Run at Franklin portions of Dead Run Park.	town reached their flood stage of 10	feet. It peaked at	10.57 at 20:40 ES ⁻	T. Kernan Road began to flood including
BALTIMORE CITY (C) COUNTY 0.5 W V	VESTPORT [39.27, -76.64], 0.5 WSV	V WESTPORT [39.	27, -76.64], 0.4 E I	MT WINANS [39.27, -76.64], 0.1 E MT
VINANS [39.27, -76.65], 0.2 ENE MT WINA	=	R1 [39.27, -76.64]	•	Floor Floor (About to House Beig)
he stream gauge on Gwynn Falls at Wast	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their floo		0 0 It peaked at 17.72	Flash Flood (due to Heavy Rain) Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the
The stream gauge on Gwynn Falls at Wash pike path alongside the stream and approa	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their floo ched the end of Berlin Street.	d stage of 13 feet.	0 It peaked at 17.72 W UNITY [39.24, -	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06]
The stream gauge on Gwynn Falls at Washike path alongside the stream and approa	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their floo ched the end of Berlin Street.	d stage of 13 feet.	0 It peaked at 17.72	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the
WINANS [39.27, -76.65], 0.2 ENE MT WINA The stream gauge on Gwynn Falls at Wash bike path alongside the stream and approa WONTGOMERY COUNTY 0.5 NNW UNI The stream gauge on Patuxent River at Un State Park at Maryland Route 97 began to	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST	d stage of 13 feet. 24, -77.05], 1.1 NN	0 It peaked at 17.72 W UNITY [39.24, - 0 0	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage
The stream gauge on Gwynn Falls at Wash olke path alongside the stream and approaumontGOMERY COUNTY 0.5 NNW UNITHE Stream gauge on Patuxent River at United State Park at Maryland Route 97 began to BALTIMORE COUNTY 0.3 SW LOCHEA	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST iity reached their flood stage of 8 fee	d stage of 13 feet. 24, -77.05], 1.1 NN st. It peaked at 9.83	0 It peaked at 17.72 W UNITY [39.24, - 0 0 0 S feet at 21:15 EST	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River
The stream gauge on Gwynn Falls at Wash olke path alongside the stream and approamont of the stream and approamont of the stream gauge on Patuxent River at Un State Park at Maryland Route 97 began to	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST ity reached their flood stage of 8 fee flood. IRN [39.35, -76.73], 0.4 SW LOCHE. EARN [39.35, -76.73]	d stage of 13 feet. 24, -77.05], 1.1 NN st. It peaked at 9.83	0 It peaked at 17.72 W UNITY [39.24, - 0 0 8 feet at 21:15 EST	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW
The stream gauge on Gwynn Falls at Wash olike path alongside the stream and approaumONTGOMERY COUNTY 0.5 NNW UNITHE Stream gauge on Patuxent River at United State Park at Maryland Route 97 began to BALTIMORE COUNTY 0.3 SW LOCHER	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST iity reached their flood stage of 8 fee flood. RRN [39.35, -76.73], 0.4 SW LOCHE EARN [39.35, -76.73] 07/30/16 20:15 EST	d stage of 13 feet. 24, -77.05], 1.1 NN st. It peaked at 9.83	0 It peaked at 17.72 W UNITY [39.24, -' 0 0 8 feet at 21:15 EST], 0.4 WSW LOCH	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW Flash Flood (due to Heavy Rain)
The stream gauge on Gwynn Falls at Wash olke path alongside the stream and approaumontGOMERY COUNTY 0.5 NNW UNITHE Stream gauge on Patuxent River at United State Park at Maryland Route 97 began to BALTIMORE COUNTY 0.3 SW LOCHEA	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST ity reached their flood stage of 8 fee flood. IRN [39.35, -76.73], 0.4 SW LOCHE. EARN [39.35, -76.73]	d stage of 13 feet. 24, -77.05], 1.1 NN st. It peaked at 9.83	0 It peaked at 17.72 W UNITY [39.24, - 0 0 8 feet at 21:15 EST	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW
The stream gauge on Gwynn Falls at Wash pike path alongside the stream and approaution of the stream gauge on Patuxent River at Unstate Park at Maryland Route 97 began to BALTIMORE COUNTY 0.3 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [The stream gauge on Gwynn Falls reached	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST iity reached their flood stage of 8 fee flood. ARN [39.35, -76.73], 0.4 SW LOCHE EARN [39.35, -76.73] 07/30/16 20:15 EST 07/31/16 00:20 EST	d stage of 13 feet. 24, -77.05], 1.1 NN at. It peaked at 9.83 ARN [39.35, -76.73	0 It peaked at 17.72 W UNITY [39.24, - 0 0 8 feet at 21:15 EST], 0.4 WSW LOCH 0 0 20:15 EST until 2:	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW Flash Flood (due to Heavy Rain)
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The stream gauge on Gwynn Falls at Wash sike path alongside the stream and approaution of the stream gauge on Patuxent River at United State Park at Maryland Route 97 began to SALTIMORE COUNTY 0.3 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN The stream gauge on Gwynn Falls reached ST. The second time it flooded was from Road and Villa Nova Road.	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST ity reached their flood stage of 8 feetflood. ARN [39.35, -76.73], 0.4 SW LOCHE. EARN [39.35, -76.73] 07/30/16 20:15 EST 07/31/16 00:20 EST it their flood stage of 11 feet twice. It 23:49 EST until 00:20 EST. It peake	d stage of 13 feet. 24, -77.05], 1.1 NN et. It peaked at 9.83 ARN [39.35, -76.73 was flooding from ed at 11.07 feet at 0	0 It peaked at 17.72 W UNITY [39.24, -' 0 0 8 feet at 21:15 EST], 0.4 WSW LOCH 0 0 20:15 EST until 2:	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW Flash Flood (due to Heavy Rain) Source: River/Stream Gage 2:19 EST. It peaked at 11.48 feet at 21:15 Anne Road began to flood between Essex
The stream gauge on Gwynn Falls at Wash olike path alongside the stream and approaution of the stream gauge on Patuxent River at United State Park at Maryland Route 97 began to BALTIMORE COUNTY 0.3 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN The stream gauge on Gwynn Falls reached EST. The second time it flooded was from Road and Villa Nova Road.	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST ity reached their flood stage of 8 feetflood. ARN [39.35, -76.73], 0.4 SW LOCHE. EARN [39.35, -76.73] 07/30/16 20:15 EST 07/31/16 00:20 EST it their flood stage of 11 feet twice. It 23:49 EST until 00:20 EST. It peake	d stage of 13 feet. 24, -77.05], 1.1 NN et. It peaked at 9.83 ARN [39.35, -76.73 was flooding from ed at 11.07 feet at 0	0 It peaked at 17.72 W UNITY [39.24, -' 0 0 8 feet at 21:15 EST], 0.4 WSW LOCH 0 0 20:15 EST until 2: 0:00 EST. Queen	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW Flash Flood (due to Heavy Rain) Source: River/Stream Gage 2:19 EST. It peaked at 11.48 feet at 21:15 Anne Road began to flood between Essex UM [39.27, -77.24], 0.8 SSW PURDUM
The stream gauge on Gwynn Falls at Wash olike path alongside the stream and approaution of the stream gauge on Patuxent River at United State Park at Maryland Route 97 began to BALTIMORE COUNTY 0.3 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [39.35, -76.75], 0.2 SW LOCHEARN [39.35, -76.75], 0.2 SW LOCHEARN [39.35], 0.2 SW LOCHEARN [39.35], 0.2 SW LOCHEARN	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST ity reached their flood stage of 8 fee flood. ARN [39.35, -76.73], 0.4 SW LOCHE. EARN [39.35, -76.73] 07/30/16 20:15 EST 07/31/16 00:20 EST it their flood stage of 11 feet twice. It 23:49 EST until 00:20 EST. It peake	d stage of 13 feet. 24, -77.05], 1.1 NN et. It peaked at 9.83 ARN [39.35, -76.73 was flooding from ed at 11.07 feet at 0	0 It peaked at 17.72 W UNITY [39.24, -' 0 0 8 feet at 21:15 EST], 0.4 WSW LOCH 0 0 20:15 EST until 2: 0:00 EST. Queen 0 0 0	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW Flash Flood (due to Heavy Rain) Source: River/Stream Gage 2:19 EST. It peaked at 11.48 feet at 21:15 Anne Road began to flood between Essex UM [39.27, -77.24], 0.8 SSW PURDUM Flash Flood (due to Heavy Rain) Source: COOP Observer
The stream gauge on Gwynn Falls at Wash bike path alongside the stream and approaud on the stream and approaud on the stream gauge on Patuxent River at Unstate Park at Maryland Route 97 began to BALTIMORE COUNTY 0.3 SW LOCHEALOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [39.35, -76.73], 0.9 SSW PURDUM [39.27, -77.23], 0.9 SSW PURDUM [39.27, There was about one foot deep of water flo	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST ity reached their flood stage of 8 feetflood. IRN [39.35, -76.73], 0.4 SW LOCHE. EARN [39.35, -76.73] 07/30/16 20:15 EST 07/31/16 00:20 EST If their flood stage of 11 feet twice. It 23:49 EST until 00:20 EST. It peake RDUM [39.27, -77.23], 0.9 SSW PUR -77.23] 07/30/16 20:16 EST 07/31/16 03:15 EST	d stage of 13 feet. 24, -77.05], 1.1 NN et. It peaked at 9.83 ARN [39.35, -76.73 was flooding from ed at 11.07 feet at 0 DUM [39.27, -77.24 ersection of Kings 1	0 It peaked at 17.72 W UNITY [39.24, -' 0 0 8 feet at 21:15 EST 1, 0.4 WSW LOCH 0 0 20:15 EST until 2: 00:00 EST. Queen 0 0 Valley Road and K	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW Flash Flood (due to Heavy Rain) Source: River/Stream Gage 2:19 EST. It peaked at 11.48 feet at 21:15 Anne Road began to flood between Essex UM [39.27, -77.24], 0.8 SSW PURDUM Flash Flood (due to Heavy Rain) Source: COOP Observer ingstead Road.
The stream gauge on Gwynn Falls at Wash olike path alongside the stream and approaution of the path alongside the stream and approaution of the stream gauge on Patuxent River at United State Park at Maryland Route 97 began to BALTIMORE COUNTY 0.3 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [39.25, -76.73], 0.9 SSW PURDUM [39.27, -77.23], 0.9 SSW PURDUM [39.27, -77.23]	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST ity reached their flood stage of 8 feetflood. IRN [39.35, -76.73], 0.4 SW LOCHE. EARN [39.35, -76.73] 07/30/16 20:15 EST 07/31/16 00:20 EST If their flood stage of 11 feet twice. It 23:49 EST until 00:20 EST. It peake RDUM [39.27, -77.23], 0.9 SSW PUR -77.23] 07/30/16 20:16 EST 07/31/16 03:15 EST	d stage of 13 feet. 24, -77.05], 1.1 NN et. It peaked at 9.83 ARN [39.35, -76.73 was flooding from ed at 11.07 feet at 0 DUM [39.27, -77.24 ersection of Kings 1	0 It peaked at 17.72 W UNITY [39.24, -' 0 0 8 feet at 21:15 EST 1, 0.4 WSW LOCH 0 0 20:15 EST until 2: 00:00 EST. Queen 0 0 Valley Road and K	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW Flash Flood (due to Heavy Rain) Source: River/Stream Gage 2:19 EST. It peaked at 11.48 feet at 21:15 Anne Road began to flood between Essex UM [39.27, -77.24], 0.8 SSW PURDUM Flash Flood (due to Heavy Rain) Source: COOP Observer ingstead Road.
The stream gauge on Gwynn Falls at Wash bike path alongside the stream and approach to the stream gauge on Patuxent River at Unstate Park at Maryland Route 97 began to BALTIMORE COUNTY 0.3 SW LOCHEALOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN [39.35, -76.73], 0.2 SW LOCHEARN Gad and Villa Nova Road. MONTGOMERY COUNTY 0.9 SSW PURDUM [39.27, -77.23], 0.9 SSW PURDUM [39.27, -77.23]	07/30/16 20:13 EST 07/30/16 23:00 EST nington Boulevard reached their flooched the end of Berlin Street. TY [39.24, -77.05], 0.7 N UNITY [39.07/30/16 20:13 EST 07/31/16 00:11 EST ity reached their flood stage of 8 feetflood. IRN [39.35, -76.73], 0.4 SW LOCHE. EARN [39.35, -76.73] 07/30/16 20:15 EST 07/31/16 00:20 EST If their flood stage of 11 feet twice. It 23:49 EST until 00:20 EST. It peake RDUM [39.27, -77.23], 0.9 SSW PUR -77.23] 07/30/16 20:16 EST 07/31/16 03:15 EST	d stage of 13 feet. 24, -77.05], 1.1 NN et. It peaked at 9.83 ARN [39.35, -76.73 was flooding from ed at 11.07 feet at 0 DUM [39.27, -77.24 ersection of Kings 1	0 It peaked at 17.72 W UNITY [39.24, -' 0 0 8 feet at 21:15 EST 1, 0.4 WSW LOCH 0 0 20:15 EST until 2: 00:00 EST. Queen 0 0 Valley Road and K	Source: River/Stream Gage 2 feet at 21:05 EST. Water covered the 77.06], 1.0 NW UNITY [39.24, -77.06] Flash Flood (due to Heavy Rain) Source: River/Stream Gage 7. The parking lot for the Patuxent River EARN [39.35, -76.74], 0.2 WSW Flash Flood (due to Heavy Rain) Source: River/Stream Gage 2:19 EST. It peaked at 11.48 feet at 21:15 Anne Road began to flood between Essex UM [39.27, -77.24], 0.8 SSW PURDUM Flash Flood (due to Heavy Rain) Source: COOP Observer ingstead Road.

22200 Zion Road.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY 1.: ESE CLARKSBURG [39.22, -77	3 ESE CLARKSBURG [39.22, -77.26], 1.3 ESE	CLARKSBURG [3	9.22, -77.26], 1.2 E	SE CLARKSBURG [39.22, -77.26], 1.2
-0- 0	07/30/16 20:22 EST		0	Flash Flood (due to Heavy Rain)
	07/31/16 03:15 EST		0	Source: Emergency Manager
North Frederick Road was close	ed in both direction at New Cut road near a bride	ge crossing over L	ittle Seneca Creek	
	WAGE [39.13, -76.82], 1.2 SE SAVAGE [39.12, -6 S JESSUP [39.13, -76.78], 0.8 W JESSUP [39.13, -7		VAGE [39.11, -76.7	79], 4.7 SE SAVAGE [39.08, -76.77], 4.5
33E 3E33UF [38.08, -76.76], 1.	07/30/16 21:45 EST	7. 15, -/6.6UJ	0	Flood (due to Heavy Rain)
	07/31/16 08:36 EST		0	Source: River/Stream Gage
covered by water.				
HOWARD COUNTY 1.3 NW (GUILFORD [39.18, -76.85], 1.3 NW GUILFORD VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3		5 E SIMPSONVILL	
HOWARD COUNTY 1.3 NW (VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3 07/30/16 22:08 EST		0	Flash Flood (due to Heavy Rain)
HOWARD COUNTY 1.3 NW (VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3			
HOWARD COUNTY 1.3 NW ([39.18, -76.85], 1.2 E SIMPSON	VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3 07/30/16 22:08 EST 07/31/16 05:19 EST uxent River at Allview reached their flood stage	9.18, -76.86]	0	Flash Flood (due to Heavy Rain) Source: River/Stream Gage
HOWARD COUNTY 1.3 NW (39.18, -76.85], 1.2 E SIMPSON The stream gauge on Little Patuoegan to flood at its lowest poin	VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3 07/30/16 22:08 EST 07/31/16 05:19 EST uxent River at Allview reached their flood stage	9.18, -76.86] of 280 feet (eleva	0 0 tion). It peaked at 2	Flash Flood (due to Heavy Rain) Source: River/Stream Gage 284 feet at 00:15 EST. Carlinda Avenue
HOWARD COUNTY 1.3 NW (39.18, -76.85], 1.2 E SIMPSON The stream gauge on Little Patuegan to flood at its lowest poin CARROLL COUNTY 0.6 N M	VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3 07/30/16 22:08 EST 07/31/16 05:19 EST uxent River at Allview reached their flood stage to	9.18, -76.86] of 280 feet (eleva	0 0 tion). It peaked at 2	Flash Flood (due to Heavy Rain) Source: River/Stream Gage 284 feet at 00:15 EST. Carlinda Avenue
HOWARD COUNTY 1.3 NW (39.18, -76.85], 1.2 E SIMPSON The stream gauge on Little Patuegan to flood at its lowest poin CARROLL COUNTY 0.6 N M	VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3 07/30/16 22:08 EST 07/31/16 05:19 EST uxent River at Allview reached their flood stage t. AYBERRY [39.64, -77.10], 0.6 NNW MAYBERR	9.18, -76.86] of 280 feet (eleva	0 0 tion). It peaked at 2 0.7 NNW MAYBER	Flash Flood (due to Heavy Rain) Source: River/Stream Gage 284 feet at 00:15 EST. Carlinda Avenue RY [39.64, -77.10], 0.7 N MAYBERRY
HOWARD COUNTY 1.3 NW (39.18, -76.85], 1.2 E SIMPSON The stream gauge on Little Patuegan to flood at its lowest poin CARROLL COUNTY 0.6 N M	VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3 07/30/16 22:08 EST 07/31/16 05:19 EST Excent River at Allview reached their flood stage to the stage of the stage o	9.18, -76.86] of 280 feet (eleva	0 0 tion). It peaked at 2 0.7 NNW MAYBER	Flash Flood (due to Heavy Rain) Source: River/Stream Gage 284 feet at 00:15 EST. Carlinda Avenue RY [39.64, -77.10], 0.7 N MAYBERRY Flood (due to Heavy Rain)
HOWARD COUNTY 1.3 NW (39.18, -76.85], 1.2 E SIMPSON The stream gauge on Little Pature of the stream gauge of the stre	VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3 07/30/16 22:08 EST 07/31/16 05:19 EST Exent River at Allview reached their flood stage of the stage of	9.18, -76.86] of 280 feet (eleva Y [39.64, -77.10],	0 0 tion). It peaked at 2 0.7 NNW MAYBER 0 0	Flash Flood (due to Heavy Rain) Source: River/Stream Gage 284 feet at 00:15 EST. Carlinda Avenue RY [39.64, -77.10], 0.7 N MAYBERRY Flood (due to Heavy Rain) Source: Emergency Manager
HOWARD COUNTY 1.3 NW (39.18, -76.85], 1.2 E SIMPSON The stream gauge on Little Pature of the stream gauge of the stre	VILLE [39.18, -76.86], 1.3 E SIMPSONVILLE [3 07/30/16 22:08 EST 07/31/16 05:19 EST Exent River at Allview reached their flood stage of the stage of	9.18, -76.86] of 280 feet (eleva Y [39.64, -77.10],	0 0 tion). It peaked at 2 0.7 NNW MAYBER 0 0	Flash Flood (due to Heavy Rain) Source: River/Stream Gage 284 feet at 00:15 EST. Carlinda Avenue RY [39.64, -77.10], 0.7 N MAYBERRY Flood (due to Heavy Rain) Source: Emergency Manager

The stream gauge on Little Patuxent River at Guilford reached their flood stage of 11 feet. It peaked at 14.97 feet at 1:15 EST. Water covered the bridge at South Entrance Road and several trail brides also began to flood. Water approached US 29 in Columbia.

A boundary remained overhead on the 30th of July. Hot and humid conditions led to an unstable atmosphere. The instability along with the boundary caused a few severe thunderstorms to develop. Thunderstorms merged across Montgomery, Howard and Baltimore counties and led very heavy rainfall that led to flash flooding. Catastrophic flash flooding occurred in Ellicott City, MD the night of July 30th.

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



The power of the water rushing downhill ripped out the sloped brick sidewalk in front of buildings on 8200 Block of Main Street in Ellicott City, Maryland. Credit: NWS Survey Team

Large tree down across the road at the intersection of Mt. Olive Road and Partlow Road.

 07/30/16 16:14 EST
 0
 Thunderstorm Wind (EG 50 kt)

 07/30/16 16:14 EST
 0
 Source: 911 Call Center

A tree was down on Etzler Mill Road near Renner Road.

A boundary remained overhead on the 30th of July. Hot and humid conditions led to an unstable atmosphere. The instability along with the boundary caused an isolated thunderstorm to become severe.

VIRGINIA, North

CULPEPER COUNTY 0.7 S CULPEPER [3	8.47, -78.00]		
	07/01/16 16:00 EST	0	Thunderstorm Wind (EG 50 kt)
	07/01/16 16:00 EST	1K	Source: 911 Call Center
Portion of tree fell on power lines.			
ORANGE COUNTY 1.5 ENE MONTPELIER	R [38.24, -78.15]		
	07/01/16 16:01 EST	1K	Thunderstorm Wind (EG 50 kt)
	07/01/16 16:01 EST	0	Source: 911 Call Center
Tree down near Route 20 and 675.			
SPOTSYLVANIA COUNTY 0.9 NW PARTLO	OW [38.04, -77.64]		
	07/01/16 17:37 EST	0	Thunderstorm Wind (EG 50 kt)
	07/01/16 17:37 EST	0	Source: 911 Call Center

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SPOTSYLVANIA COUNTY 1.5 SW MARYE [· •			
	07/01/16 17:38 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/16 17:38 EST		0	Source: 911 Call Center
arge tree down across the road at the intersec	tion of Sassafras Lane and Blant	on Road.		
VARREN COUNTY 1.6 SW BETHEL [38.91,	=			
	07/01/16 19:36 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/16 19:36 EST		0	Source: Amateur Radio
ree down near the intersection of Steel Lane a	nd Mountain Road.			
A cold front passed through the area on July to an unstable atmosphere. The instability continued the stronger such that the stronger such thas the stronger such that the stronger such that the stronger suc	mbined with lift from the cold fr	ont caused thun	derstorms to deve	lop. Some
PRINCE WILLIAM COUNTY 0.7 N (NYG)MC			_	
	07/09/16 16:00 EST		0	Thunderstorm Wind (MG 51 kt)
	07/09/16 16:00 EST		0	Source: AWOS
wind gust of 51 knots was reported at Quantic	0.			
A cold front passed through the area triggerin strong winds.	g a few showers and thunders	torms. An isolate	d thunderstorm be	ecame severe with
LBEMARLE COUNTY 0.6 ENE KESWICK [
	07/14/16 13:05 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/16 13:05 EST		0	Source: Broadcast Media
Free was down in Keswick.				
LBEMARLE COUNTY 0.9 WSW COBHAM				T
	07/14/16 13:10 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/16 13:10 EST		0	Source: 911 Call Center
ree down on Zion Hill Road.				
OCKINGHAM COUNTY 3.1 N MC GAHEYS	VILLE [38.42, -78.73] 07/14/16 18:44 EST		0	
	01/14/10 10.44 E31			Thunderstorm Wind (EC 50 kt)
			0	Thunderstorm Wind (EG 50 kt)
	07/14/16 18:44 EST		0	Thunderstorm Wind (EG 50 kt) Source: Fire Department/Rescue
Pair of trees fell into houses, and one was block	07/14/16 18:44 EST	ourt.		· · · · ·
In upper-level trough shifted toward the region	07/14/16 18:44 EST ing the roadway along Ashby Co		0	Source: Fire Department/Rescue
An upper-level trough shifted toward the region	07/14/16 18:44 EST ing the roadway along Ashby Co on from the Great Lakes while a ere with strong winds. E [38.39, -79.08]		0 remained overhead	Source: Fire Department/Rescue d. Scattered
on upper-level trough shifted toward the region nunderstorms developed and a few were sev	07/14/16 18:44 EST ing the roadway along Ashby Co on from the Great Lakes while a ere with strong winds. E [38.39, -79.08] 07/16/16 13:15 EST		0 remained overhead	Source: Fire Department/Rescue d. Scattered Thunderstorm Wind (EG 50 kt)
on upper-level trough shifted toward the region	07/14/16 18:44 EST ing the roadway along Ashby Co on from the Great Lakes while a ere with strong winds. E [38.39, -79.08]		0 remained overhead	Source: Fire Department/Rescue d. Scattered
An upper-level trough shifted toward the region hunderstorms developed and a few were sevolugusTA COUNTY 0.6 NNE SANGERVILLI	07/14/16 18:44 EST ing the roadway along Ashby Co on from the Great Lakes while a ere with strong winds. E [38.39, -79.08] 07/16/16 13:15 EST 07/16/16 13:15 EST		0 remained overhead	Source: Fire Department/Rescue d. Scattered Thunderstorm Wind (EG 50 kt)
An upper-level trough shifted toward the region hunderstorms developed and a few were sevoluped and a few were sevoluped. AUGUSTA COUNTY 0.6 NNE SANGERVILLI	07/14/16 18:44 EST ing the roadway along Ashby Co on from the Great Lakes while a ere with strong winds. E [38.39, -79.08] 07/16/16 13:15 EST 07/16/16 13:15 EST Road and Millers Saw Mill Road.		0 remained overhead	Source: Fire Department/Rescue d. Scattered Thunderstorm Wind (EG 50 kt)
an upper-level trough shifted toward the region hunderstorms developed and a few were sevolugusta COUNTY 0.6 NNE SANGERVILLI	07/14/16 18:44 EST ing the roadway along Ashby Co on from the Great Lakes while a ere with strong winds. E [38.39, -79.08] 07/16/16 13:15 EST 07/16/16 13:15 EST Road and Millers Saw Mill Road.		0 remained overhead	Source: Fire Department/Rescue d. Scattered Thunderstorm Wind (EG 50 kt)
Pair of trees fell into houses, and one was block An upper-level trough shifted toward the region hunderstorms developed and a few were sev AUGUSTA COUNTY 0.6 NNE SANGERVILLI Tree down near the intersection of North River F	07/14/16 18:44 EST ing the roadway along Ashby Coon from the Great Lakes while a gree with strong winds. E [38.39, -79.08] 07/16/16 13:15 EST 07/16/16 13:15 EST Road and Millers Saw Mill Road.		0 remained overhead 0 0	Source: Fire Department/Rescue d. Scattered Thunderstorm Wind (EG 50 kt) Source: 911 Call Center
In upper-level trough shifted toward the region nunderstorms developed and a few were sevolugusta COUNTY 0.6 NNE SANGERVILLI ree down near the intersection of North River FOCKINGHAM COUNTY 2.3 NNE COOTES	07/14/16 18:44 EST ing the roadway along Ashby Coon from the Great Lakes while a gree with strong winds. E [38.39, -79.08] 07/16/16 13:15 EST 07/16/16 13:15 EST Road and Millers Saw Mill Road. STORE [38.66, -78.83] 07/16/16 13:38 EST 07/16/16 13:38 EST		remained overhead	Source: Fire Department/Rescue d. Scattered Thunderstorm Wind (EG 50 kt) Source: 911 Call Center Thunderstorm Wind (EG 50 kt)
n upper-level trough shifted toward the region numbers of the seven several toward the region numbers of the several toward the region numbers of the several toward the several toward the region numbers of the several toward toward the several toward tow	07/14/16 18:44 EST ing the roadway along Ashby Co on from the Great Lakes while a ere with strong winds. E [38.39, -79.08]		remained overhead	Source: Fire Department/Rescue d. Scattered Thunderstorm Wind (EG 50 kt) Source: 911 Call Center Thunderstorm Wind (EG 50 kt)
An upper-level trough shifted toward the region hunderstorms developed and a few were sevoluped and a few were sevoluped. AUGUSTA COUNTY 0.6 NNE SANGERVILLI	07/14/16 18:44 EST ing the roadway along Ashby Co on from the Great Lakes while a ere with strong winds. E [38.39, -79.08]		remained overhead	Source: Fire Department/Rescue d. Scattered Thunderstorm Wind (EG 50 kt) Source: 911 Call Center Thunderstorm Wind (EG 50 kt)

Tree down in roadway near the intersection of Brocks Gap Road and Hisers Lane.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
AUGUSTA COUNTY 0.8 SSE KNIGHTL			0	Thursdays Mind (FO FO Id)
	07/16/16 14:39 EST 07/16/16 14:39 EST		0	Thunderstorm Wind (EG 50 kt) Source: 911 Call Center
Free was down along the 1700 Block of Kr			Ü	Source. 311 Gail Genter
PRINCE WILLIAM COUNTY 1.5 WSW F	10ADLY [38.67, -77.40] 07/16/16 16:34 EST		0	Thunderstorm Wind (EG 50 kt)
	07/16/16 16:34 EST		0	Source: 911 Call Center
ree was down near the intersection of Ho	oadly Road and Dale Boulevard.			
Southerly flow ushered in hot and humic some thunderstorms, and some were se	= :	centered in the At	lantic. High amour	nts of instability led to
AUGUSTA COUNTY 0.5 NNE SANGER	VILLE [38.39, -79.08], 0.5 NNE SAN	GERVILLE [38.39,	-79.08], 0.7 N SAN	IGERVILLE [38.39, -79.08], 0.7 NNE
SANGERVILLE [38.39, -79.08]	07/16/16 15:20 EST		0	Flash Flood (due to Heavy Rain)
	07/16/16 17:00 EST		0	Source: 911 Call Center
North River Road was closed at Grindston	e Road due to flooding			
Southerly flow ushered in hot and humic some thunderstorms, and some were se	vere with strong winds. Thunderst		=	
SHENANDOAH COUNTY 0.4 NE EDINI	8URG [38.82, -78.56] 07/18/16 13:32 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 13:32 EST		0	Source: Emergency Manager
Two trees were down in Edinburg.				
OUDOUN COUNTY 1.0 WSW LOUDO				
	07/18/16 13:41 EST 07/18/16 13:41 EST		0	Thunderstorm Wind (EG 50 kt) Source: 911 Call Center
wo trees were down on Harpers Ferry Ro			U	Source. 911 Can Center
wo tiees were down on harpers remy Ko	dau near coudoun Heights cane.			
OUDOUN COUNTY 0.7 NW NEERSVI	= = = = = = = = = = = = = = = = = = = =			T
	07/18/16 13:46 EST 07/18/16 13:46 EST		0	Thunderstorm Wind (EG 50 kt)
	07/10/10 13.40 E31		U	Source: 911 Call Center
Tree down near the intersection of Arnold	Lane and Sawmill Lane.			
VARREN COUNTY 0.4 NW FRONT RO	YAL [38.92, -78.18]			
	07/18/16 13:47 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 13:47 EST		0	Source: Emergency Manager
"roop wore down in read1 16 - 0000 F	DIOCK OF BENTONVIIIE KOAO.			
rees were down in roadway at the 2900 I				
	•		0	Thursdaystown Wind (FO 50 LA)
	07/18/16 13:48 EST		0	Thunderstorm Wind (EG 50 kt)
WARREN COUNTY 1.6 N KARO [38.89	07/18/16 13:48 EST 07/18/16 13:48 EST		0	Thunderstorm Wind (EG 50 kt) Source: Emergency Manager
Frees were down in roadway at the 2900 E NARREN COUNTY 1.6 N KARO [38.89 Frees down along Poca Bella Drive and Re	07/18/16 13:48 EST 07/18/16 13:48 EST osa Court.			
WARREN COUNTY 1.6 N KARO [38.89 Trees down along Poca Bella Drive and Re	07/18/16 13:48 EST 07/18/16 13:48 EST osa Court.			
WARREN COUNTY 1.6 N KARO [38.89	07/18/16 13:48 EST 07/18/16 13:48 EST osa Court.		0	Source: Emergency Manager

WARREN COUNTY --- 0.4 NW FRONT ROYAL [38.92, -78.18]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/18/16 13:50 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/16 13:50 EST		0	Source: Emergency Manager
Trees were down US Route 340 between S	Skyline Vista and Snake Drive.			
WARREN COUNTY 1.9 SW FRONT ROY	/AL [38.90, -78.21] 07/18/16 13:51 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 13:51 EST		0	Source: Emergency Manager
			· ·	Course. Emergency Manager
A tree was down on power lines along the 7	7100 Block of Browntown Road.			
RAPPAHANNOCK COUNTY 1.2 N BEU				
	07/18/16 14:17 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 14:17 EST		0	Source: 911 Call Center
tree was down in the roadway along the	490 Block of Ben Venue Road.			
RAPPAHANNOCK COUNTY 0.6 SW ES	TES [38.61, -78.08]			
	07/18/16 14:18 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 14:18 EST		0	Source: 911 Call Center
A tree was down in the roadway along Cas	tle Mountain Road.			
CULPEPER COUNTY 3.3 W MONUMEN	T MILLS [38.60, -78.06]			
	07/18/16 14:21 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/16 14:21 EST		0	Source: 911 Call Center
Numerous trees and wires were down near	the intersection of Eggbornsville ro	ad and Riverside I	Farm Lane.	
CULPEPER COUNTY 1.7 NW WHITE SI	HOP [38.45, -78.09]			
	07/18/16 14:26 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 14:26 EST		0	Source: Public
A large tree limb six inches in diameter was	down near the intersection of Whit	e Shop Road and	James Monroe Hig	ghway.
CULPEPER COUNTY 1.0 E CULPEPER	[38.48, -77.98]			
	07/18/16 14:31 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/16 14:31 EST		0	Source: 911 Call Center
Numerous trees and wires were down in th	e vicinity of Highview Court.			
OUDOUN COUNTY 0.3 N LEESBURG	MUNI [39.08, -77.55]			
	07/18/16 14:34 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 14:34 EST		0	Source: Public
_arge branches were down and the siding	was blown off a house near Gallowa	ay Drive Southeast	t.	
FAUQUIER COUNTY 0.8 NNW WARRE!	NTON ARPT [38.66, -77.79]			
	07/18/16 14:38 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 14:38 EST		0	Source: 911 Call Center
A tree was down near the intersection of Be	each Road and Old Mill Estates Lar	ie.		
FAIRFAX COUNTY 2.4 S CLIFTON [38.7	75, -77.38]			
-	07/18/16 15:06 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 15:06 EST		0	Source: 911 Call Center
A tree was down on a car in the 12000 Bloc	ck of Old Yates Ford Road.			
STAFFORD COUNTY 0.5 NW GARRISO	NVILLE [38.48, -77.43]			
	07/18/16 15:13 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/16 15:13 EST		0	Source: 911 Call Center

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Multiple trees were down near the int	tersection of Garrisonville and Onville Roa	d.		
FAIRFAX COUNTY 0.7 E CHESTE	ERBROOK GARDENS [38.90, -77.19]			
	07/18/16 15:15 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 15:15 EST		0	Source: NWS Employee
Free down near West Falls Church M	letro.			
ARLINGTON COUNTY 0.8 NNE R	OSSLYN [38.89, -77.08]			
	07/18/16 15:21 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 15:21 EST		0	Source: 911 Call Center
Tree limb was blocking the roadway	at the intersection of North Fort Myer Drive	e and Arlington Bo	ulevard.	
FAIRFAX COUNTY 0.8 NW GUM S	SPGS [38.74, -77.09]			
	07/18/16 15:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 15:30 EST		0	Source: 911 Call Center
A tree was down near the intersection	n of Buckman Road and Richmond Highw	ay.		
GREENE COUNTY 0.6 SSE STAN	IDARDSVILLE [38.29, -78.43]			
	07/18/16 15:48 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/16 15:48 EST		0	Source: Emergency Manager
Multiple trees were down near Ice Ho	ouse Road and Holmes Run.			
·	IDARDSVILLE [38.29, -78.43]		0	Hail (1 25 in)
·	IDARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST		0	Hail (1.25 in) Source: Broadcast Media
GREENE COUNTY 0.7 SSE STAN	IDARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST		0	Hail (1.25 in) Source: Broadcast Media
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne	1DARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville.			
GREENE COUNTY 0.7 SSE STAN	1DARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville.			
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne	1DARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville.		0	Source: Broadcast Media
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne	O7/18/16 15:48 EST O7/18/16 15:48 EST O7/18/16 15:48 EST ear Stanardsville. IDARDSVILLE [38.29, -78.42] O7/18/16 15:48 EST O7/18/16 15:48 EST		0	Source: Broadcast Media Hail (1.00 in)
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near	DARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. DARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST Stanardsville.		0	Source: Broadcast Media Hail (1.00 in)
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near	DARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. DARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST Stanardsville.		0	Source: Broadcast Media Hail (1.00 in)
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near	IDARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST Stanardsville.		0 0 0	Source: Broadcast Media Hail (1.00 in) Source: Emergency Manager
Multiple trees were down near Ice Ho GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near GREENE COUNTY 1.1 SSE STAN Numerous trees were down in Stanan	IDARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST		0 0 0	Source: Broadcast Media Hail (1.00 in) Source: Emergency Manager Thunderstorm Wind (EG 52 kt)
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near GREENE COUNTY 1.1 SSE STAN Numerous trees were down in Stanan	DARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. DARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST Stanardsville. DARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:48 EST		0 0 0	Source: Broadcast Media Hail (1.00 in) Source: Emergency Manager Thunderstorm Wind (EG 52 kt)
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near GREENE COUNTY 1.1 SSE STAN Numerous trees were down in Stanan	DARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. DARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST Stanardsville. DARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:48 EST		0 0 0	Source: Broadcast Media Hail (1.00 in) Source: Emergency Manager Thunderstorm Wind (EG 52 kt)
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near GREENE COUNTY 1.1 SSE STAN Numerous trees were down in Stanan	IDARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:48 EST		0 0 0	Source: Broadcast Media Hail (1.00 in) Source: Emergency Manager Thunderstorm Wind (EG 52 kt) Source: Trained Spotter
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near GREENE COUNTY 1.1 SSE STAN Numerous trees were down in Stanaa	IDARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:48 EST	n off on Old Durre	0 0 0 0	Source: Broadcast Media Hail (1.00 in) Source: Emergency Manager Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (EG 50 kt)
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near GREENE COUNTY 1.1 SSE STAN Numerous trees were down in Stanaa GREENE COUNTY 1.1 E STANDA	IDARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:50 EST 07/18/16 15:50 EST 07/18/16 15:50 EST	n off on Old Durre	0 0 0 0	Source: Broadcast Media Hail (1.00 in) Source: Emergency Manager Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (EG 50 kt)
GREENE COUNTY 0.7 SSE STAN Half dollar sized hail was reported ne GREENE COUNTY 1.1 SSE STAN Quarter sized hail was reported near GREENE COUNTY 1.1 SSE STAN Numerous trees were down in Stana GREENE COUNTY 1.1 E STANDA A tree 5 feet in diameter was uproote	IDARDSVILLE [38.29, -78.43] 07/18/16 15:48 EST 07/18/16 15:48 EST ear Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST Stanardsville. IDARDSVILLE [38.29, -78.42] 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:48 EST 07/18/16 15:50 EST 07/18/16 15:50 EST 07/18/16 15:50 EST	n off on Old Durre	0 0 0 0	Source: Broadcast Media Hail (1.00 in) Source: Emergency Manager Thunderstorm Wind (EG 52 kt) Source: Trained Spotter Thunderstorm Wind (EG 50 kt)

A cold front passed through the area. Ahead of the front, hot and humid conditions led to an unstable atmosphere. The forcing from the cold front combined with the instability to trigger thunderstorms. Stronger shear from an upper-level trough caused some thunderstorms to become severe.

CULPEPER COUNTY --- 1.8 NNE WHITE SHOP [38.45, -78.06]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/19/16 13:00 EST		0	Hail (1.00 in)
	07/19/16 13:00 EST		0	Source: Public
Quarter sized hail was reported.				
CULPEPER COUNTY 2.5 S CULPEPER [38.4	14, -78.00] 07/19/16 13:05 EST		0	Hoil (4 00 in)
	07/19/16 13:05 EST		0	Hail (1.00 in) Source: Trained Spotter
			V	Cource. Trained opoties
Quarter sized hail was reported on Route 686 ar	nd Highway 15.			
FAUQUIER COUNTY 2.3 WSW OPAL [38.61,	-77.84]			
	07/19/16 13:24 EST		0	Hail (1.00 in)
	07/19/16 13:24 EST		0	Source: Public
Quarter sized hail was reported near Opal.				
MADISON COUNTY 1.1 ENE HAYWOOD [38.	45, -78.25]			
	07/19/16 13:24 EST		0	Hail (1.75 in)
	07/19/16 13:24 EST		0	Source: Trained Spotter
Golf Ball sized hail was reported in Haywood. No	umerous trees were down as w	vell.		
MADISON COUNTY 1.3 WNW LEON [38.46,	.78.17]			
	07/19/16 13:25 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/16 13:25 EST		0	Source: 911 Call Center
Trees were down at Ridgeview Road and West H	Hoover Road.			
MADISON COUNTY 0.8 ENE BRIGHTWOOD	[38.42, -78.19]			
	07/19/16 13:33 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/16 13:33 EST		0	Source: 911 Call Center
Trees were down at the 500 Block of North Sem	inole Trail.			
ORANGE COUNTY 0.5 W LOCUSTGROVE [3	38.30, -77.83]			
	07/19/16 13:43 EST		0	Hail (1.00 in)
	07/19/16 13:43 EST		0	Source: Public
Quarter sized hail was reported at Locust Grove	Elementary School.			
SPOTSYLVANIA COUNTY 0.5 NNW PARKER	138.2877.751			
	07/19/16 13:45 EST		0	Hail (1.00 in)
	07/19/16 13:45 EST		0	Source: Public
Quarter sized hail was reported along Orange Pl	ank Road.			
SPOTSYLVANIA COUNTY 1.2 W PAYTES [38	3 22 -77 841			
C. C. C. LVANIA COUNT 1 1.2 W FAT 1E5 [30	07/19/16 13:52 EST		0	Thunderstorm Wind (EG 50 kt)
	07/19/16 13:52 EST		0	Source: 911 Call Center
Tree down on power lines at Tatum Road and La	awyers Road.			
MADISON COUNTY 44 SE BUTU 120 20 70	201			
MADISON COUNTY 1.1 SE RUTH [38.39, -78	07/19/16 13:55 EST		0	Thunderstorm Wind (EG 52 kt)
	07/19/16 13:55 EST		0	Source: 911 Call Center
About eight trees were down along Ruth Road ir	scattered locations near the i	ntersection of Rutl	h and Thrift Roads.	
SPOTSYLVANIA COUNTY 2.6 NE MT PLEAS	ANT [38 12 -77 64]			
SFO 13 I LVANIA COUNTY 2.0 NE MI PLEAS	07/19/16 14:22 EST		0	Hail (1.00 in)
	07/19/16 14:22 EST		0	Source: Public

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Quarter sized hail was reported along Block He	ouse Road.			
A boundary stalled over the area. Warm and through the area. The forcing from the bound upper-level trough caused some thunderston	dary front combined with the i			
VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIR	FAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORI	D, (VA-Z056) SPC	DTSYLVANIA, (VA-Z057) KING
GEORGE, (VA-Z502) SOUTHERN FAUQUIER	07/23/16 12:00 EST		0	Heat
	07/23/16 16:00 EST		0	
A southwesterly flow around high pressure of upper-level ridge of high pressure. The heat		=		s persisted due to an
ROCKINGHAM COUNTY 0.4 SSW KEEZLE	TOWN [38.42, -78.80]			
	07/24/16 18:04 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/16 18:04 EST		0	Source: Broadcast Media
A large tree and branches were down.				
FREDERICK COUNTY 0.1 WSW MT PLEAS	SANT [39.17, -78.30]			
	07/24/16 18:55 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/16 18:55 EST		0	Source: 911 Call Center
A large tree was down near the 2000 Block of	Wardensville Road.			
FREDERICK COUNTY 0.2 NNW MT PLEAS	SANT [39.17, -78.30]			
	07/24/16 18:56 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/16 18:56 EST		0	Source: 911 Call Center
A large tree was knocked down onto the road of	near the 19000 Block of Warder	nsville Grade.		
FREDERICK COUNTY 1.3 NE FAWCETT G	=		0	Thursdaystay Wind (FC 50 kt)
	07/24/16 18:57 EST 07/24/16 18:57 EST		0	Thunderstorm Wind (EG 50 kt) Source: 911 Call Center
) Block of Cedar Creek Grade.			
A large tree fell onto power lines near the 3400				
	= = = = = = = = = = = = = = = = = = = =		0	Thunderstorm Wind (EC 50 kt)
	07/24/16 18:59 EST		0	Thunderstorm Wind (EG 50 kt)
FREDERICK COUNTY 1.0 E MT PLEASAN	07/24/16 18:59 EST 07/24/16 18:59 EST		0	Thunderstorm Wind (EG 50 kt) Source: 911 Call Center
FREDERICK COUNTY 1.0 E MT PLEASAN	07/24/16 18:59 EST 07/24/16 18:59 EST			•
FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv	07/24/16 18:59 EST 07/24/16 18:59 EST ve. 6, -77.67]		0	Source: 911 Call Center
FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv	07/24/16 18:59 EST 07/24/16 18:59 EST ve. 6, -77.67] 07/24/16 20:00 EST		0	Source: 911 Call Center Thunderstorm Wind (EG 52 kt)
FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv LOUDOUN COUNTY 1.0 NE BRITAIN [39.2)	07/24/16 18:59 EST 07/24/16 18:59 EST ve. 6, -77.67] 07/24/16 20:00 EST 07/24/16 20:00 EST		0	Source: 911 Call Center
A large tree fell onto power lines near the 3400 FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv LOUDOUN COUNTY 1.0 NE BRITAIN [39.2] Numerous trees were down along Snowbird C	07/24/16 18:59 EST 07/24/16 18:59 EST ve. 6, -77.67] 07/24/16 20:00 EST 07/24/16 20:00 EST		0	Source: 911 Call Center Thunderstorm Wind (EG 52 kt)
FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv LOUDOUN COUNTY 1.0 NE BRITAIN [39.2] Numerous trees were down along Snowbird County remained overhead on the 24th of	07/24/16 18:59 EST 07/24/16 18:59 EST ve. 6, -77.67] 07/24/16 20:00 EST 07/24/16 20:00 EST ourt.		0 0	Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue
FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv LOUDOUN COUNTY 1.0 NE BRITAIN [39.2) Numerous trees were down along Snowbird C A boundary remained overhead on the 24th of the boundary caused a few severe thunderst (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIR	07/24/16 18:59 EST 07/24/16 18:59 EST ve. 6, -77.67] 07/24/16 20:00 EST 07/24/16 20:00 EST ourt. of July. Hot and humid conditi torms to develop during the ea (VA-Z038) GREENE, (VA-Z040)	arly evening hours.) RAPPAHANNOCK, A-Z056) SPOTSYLV	0 0 0 ble atmosphere. (VA-Z050) ORAI	Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue The instability along with NGE, (VA-Z051) CULPEPER, KING GEORGE, (VA-Z501)
FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv LOUDOUN COUNTY 1.0 NE BRITAIN [39.2)	07/24/16 18:59 EST 07/24/16 18:59 EST ve. 6, -77.67] 07/24/16 20:00 EST 07/24/16 20:00 EST ourt. of July. Hot and humid conditi torms to develop during the ea (VA-Z038) GREENE, (VA-Z040)	arly evening hours.) RAPPAHANNOCK, A-Z056) SPOTSYLV	0 0 0 ble atmosphere. (VA-Z050) ORAI	Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue The instability along with NGE, (VA-Z051) CULPEPER, KING GEORGE, (VA-Z501)
FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv LOUDOUN COUNTY 1.0 NE BRITAIN [39.2) Numerous trees were down along Snowbird C A boundary remained overhead on the 24th of the boundary caused a few severe thunderst (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIR	07/24/16 18:59 EST 07/24/16 18:59 EST ve. 6, -77.67] 07/24/16 20:00 EST 07/24/16 20:00 EST ourt. of July. Hot and humid conditi torms to develop during the each (VA-Z038) GREENE, (VA-Z040) FAX, (VA-Z055) STAFFORD, (VARN FAUQUIER, (VA-Z505) WES	arly evening hours.) RAPPAHANNOCK, A-Z056) SPOTSYLV	0 0 0 ble atmosphere. (VA-Z050) ORAI	Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue The instability along with NGE, (VA-Z051) CULPEPER, KING GEORGE, (VA-Z501) RN LOUDOUN
FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv LOUDOUN COUNTY 1.0 NE BRITAIN [39.2] Numerous trees were down along Snowbird C A boundary remained overhead on the 24th of the boundary caused a few severe thunderst VA-Z036) NELSON, (VA-Z037) ALBEMARLE, VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIR NORTHERN FAUQUIER, (VA-Z502) SOUTHER	07/24/16 18:59 EST 07/24/16 18:59 EST 07/24/16 18:59 EST 6, -77.67] 07/24/16 20:00 EST 07/24/16 20:00 EST ourt. of July. Hot and humid conditions to develop during the each (VA-Z038) GREENE, (VA-Z040) FAX, (VA-Z055) STAFFORD, (V.RN FAUQUIER, (VA-Z505) WES 07/25/16 11:00 EST	arly evening hours.) RAPPAHANNOCK	0 0 0 ble atmosphere. (VA-Z050) ORAI ANIA, (VA-Z057) /A-Z506) EASTE 0	Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue The instability along with NGE, (VA-Z051) CULPEPER, KING GEORGE, (VA-Z501) RN LOUDOUN
FREDERICK COUNTY 1.0 E MT PLEASAN A large tree fell into a house along Shields Driv LOUDOUN COUNTY 1.0 NE BRITAIN [39.2) Numerous trees were down along Snowbird C A boundary remained overhead on the 24th of the boundary caused a few severe thunderst (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIR	07/24/16 18:59 EST 07/24/16 18:59 EST 07/24/16 18:59 EST 6, -77.67] 07/24/16 20:00 EST 07/24/16 20:00 EST ourt. of July. Hot and humid conditions to develop during the each (VA-Z038) GREENE, (VA-Z040) FAX, (VA-Z055) STAFFORD, (V.RN FAUQUIER, (VA-Z505) WES 07/25/16 11:00 EST	arly evening hours.) RAPPAHANNOCK	0 0 0 ble atmosphere. (VA-Z050) ORAI ANIA, (VA-Z057) /A-Z506) EASTE 0	Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue The instability along with NGE, (VA-Z051) CULPEPER, KING GEORGE, (VA-Z501) RN LOUDOUN

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	essure over the Atlantic pumped in ple he heat and humidity caused dangerou	=	hile hot conditions	s persisted due to an
FREDERICK COUNTY 0.5 SW NAII	N [39.23, -78.21]			
	07/25/16 14:16 EST		0	Thunderstorm Wind (EG 52 kt)
	07/25/16 14:16 EST		0	Source: Emergency Manager
Several large trees were snapped and	uprooted. Some trees fell into homes ar	nd a Carport had w	rind damage. The d	lamage occurred in Albin.
FREDERICK COUNTY 0.2 E WINCI	HESTER ARPT [39.15, -78.15]			
	07/25/16 15:40 EST		0	Thunderstorm Wind (MG 50 kt)
	07/25/16 15:40 EST		0	Source: AWOS
A wind gust of 58 mph was reported at	t the Winchester Airport.			
LOUDOUN COUNTY PHILOMONT	[39.05, -77.73]			
	07/25/16 16:15 EST		0	Thunderstorm Wind (EG 50 kt)
	07/25/16 16:15 EST		0	Source: Amateur Radio
Numerous trees and large limbs down	along the Snickerville Turnpike near Jeb	Stuart Road		
radinerous trees and large littles down	along the officientile fulliplike field bet	o Gluari Noau.		
LOUDOUN COUNTY 1.7 NW MIDD	LEBURG [38.99, -77.79] 07/25/16 16:24 EST		0	Thunderstorm Wind (EG 50 kt)
	07/25/16 16:24 EST		0	Source: State Official
	01123/10 10.24 L31		U	Course. Clate Cilicia
A tree was down on St. Louis Road.				
LOUDOUN COUNTY 1.6 E MIDDLE	EBURG [38.97, -77.74]			
	07/25/16 16:26 EST		0	Thunderstorm Wind (EG 52 kt)
	07/25/16 16:26 EST		0	Source: 911 Call Center
Trees were down along Foxcroft Road	l.			
LOUDOUN COUNTY 0.6 NW ALDIE	E [38.9877.64]			
	07/25/16 16:27 EST		0	Thunderstorm Wind (EG 52 kt)
	07/25/16 16:27 EST		0	Source: 911 Call Center
Multiple trees were down in Aldie.				
	he 25th of July. Hot and humid condition	ons led to an unst	able atmosphere	The instability along with
the boundary caused a few severe th	<u>-</u>			y y
PAGE COUNTY 0.6 SSE NEWPOR				
	07/26/16 16:27 EST		0	Thunderstorm Wind (EG 50 kt)
	07/26/16 16:27 EST		0	Source: Public
Numerous trees were down and some	were uprooted at Riverside Camping.			
PAGE COUNTY 0.2 ESE NEWPOR	T [38.58, -78.60]			
	07/26/16 16:28 EST		0	Thunderstorm Wind (EG 52 kt)
	07/26/16 16:28 EST		0	Source: Emergency Manager
Numerous trees were down in Newpor	rt.			
·				
PAGE COUNTY 0.8 NE NEWPORT	[38.59, -78.59] 07/26/16 16:32 EST		0	Thunderstorm Wind (EG 50 kt)
	07/26/16 16:32 EST		0	Source: Trained Spotter
	01120110 10.32 LOT		U	Source. Trainica Opolici

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/26/16 18:50 EST		0	Thunderstorm Wind (EG 52 kt)
	07/26/16 18:50 EST		0	Source: Emergency Manager
Trees were down on Belmont Road.				
SPOTSYLVANIA COUNTY 2.6 ENE BELM				T
	07/26/16 18:59 EST		0	Thunderstorm Wind (EG 50 kt)
	07/26/16 18:59 EST		0	Source: 911 Call Center
A tree was down on a power line at the inter	rsection of Lawyers Road and Stub	b Bridge Road.		
SPOTSYLVANIA COUNTY 3.6 NNE CDEI				
	07/26/16 19:15 EST		0	Thunderstorm Wind (EG 52 kt)
	07/26/16 19:15 EST		0	Source: Emergency Manager
Trees were down at the intersection of Lawy	yers Road and Hayleys Mill Road.			
SPOTSYLVANIA COUNTY 3.4 NNE CDEI	NORA [38.13, -77.78]			
	07/26/16 19:19 EST		0	Thunderstorm Wind (EG 52 kt)
	07/26/16 19:19 EST		0	Source: Emergency Manager
Frees were down at the intersection of Lawy	yers Road and Ridge Road.			
SPOTSYLVANIA COUNTY 0.7 S LEWIST	TON [38.06, -77.75]			
	07/26/16 19:33 EST		0	Thunderstorm Wind (EG 52 kt)
	07/26/16 19:33 EST		0	Source: Public
Several large trees down along Breaknock F	Road.			
A boundary remained overhead on the 26t	th of July. Hot and humid conditio	ns led to an unsta	able atmosphere.	The instability along with
the boundary caused a few severe thunde	erstorms to develop.			
	3.15, -78.84]		0	Thunderstorm Wind (EG 50 kt)
			0	Thunderstorm Wind (EG 50 kt) Source: Broadcast Media
AUGUSTA COUNTY 0.5 E CRIMORA [38	07/27/16 13:06 EST 07/27/16 13:06 EST			Thunderstorm Wind (EG 50 kt) Source: Broadcast Media
Augusta county 0.5 E CRIMORA [38 A tree was down on a structure off Route 34	0.15, -78.84] 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora.			
AUGUSTA COUNTY 0.5 E CRIMORA [38	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora.		0	Source: Broadcast Media
AUGUSTA COUNTY 0.5 E CRIMORA [38 A tree was down on a structure off Route 34	0.15, -78.84] 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora.			
AUGUSTA COUNTY 0.5 E CRIMORA [38 A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [3	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 07/27/16 13:08 EST 07/27/16 13:08 EST		0	Source: Broadcast Media Thunderstorm Wind (EG 52 kt)
AUGUSTA COUNTY 0.5 E CRIMORA [38 A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [3	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 08.14, -78.84] 07/27/16 13:08 EST 07/27/16 13:08 EST	ns led to an unst	0 0	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media
A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [38 Trees were down on power lines near Crimo A boundary remained overhead on the 27th	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 07/27/16 13:08 EST 07/27/16 13:08 EST 07/27/16 13:08 EST 07/27/16 13:08 EST	ns led to an unsta	0 0	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media
AUGUSTA COUNTY 0.5 E CRIMORA [38 A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [3 Frees were down on power lines near Crimo A boundary remained overhead on the 27th the boundary caused a few severe thunde	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 08.14, -78.84] 07/27/16 13:08 EST 07/27/16 13:08 EST ora.	ns led to an unsta	0 0	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media
AUGUSTA COUNTY 0.5 E CRIMORA [38 A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [38 Trees were down on power lines near Crimo A boundary remained overhead on the 27th the boundary caused a few severe thunde	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 08.14, -78.84] 07/27/16 13:08 EST 07/27/16 13:08 EST ora.	ns led to an unsta	0 0	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media The instability along with Thunderstorm Wind (EG 50 kt)
AUGUSTA COUNTY 0.5 E CRIMORA [38 A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [38 Trees were down on power lines near Crimo A boundary remained overhead on the 27th the boundary caused a few severe thunde	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 08.14, -78.84] 07/27/16 13:08 EST 07/27/16 13:08 EST ora. th of July. Hot and humid conditionstorms to develop.	ns led to an unsta	0 0 0 able atmosphere.	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media The instability along with
A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [38 Trees were down on power lines near Crimo A boundary remained overhead on the 27th the boundary caused a few severe thunde	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 07/27/16 13:08 EST 07/27/16 13:08 EST 07/27/16 13:08 EST 07/27/16 13:08 EST 07/28/16 12:59 EST 07/28/16 12:59 EST	ns led to an unsta	0 0 0 able atmosphere.	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media The instability along with Thunderstorm Wind (EG 50 kt)
AUGUSTA COUNTY 0.5 E CRIMORA [38 A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [3	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 08.14, -78.84] 07/27/16 13:08 EST	ns led to an unsta	0 0 0 able atmosphere.	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media The instability along with Thunderstorm Wind (EG 50 kt)
A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [3 Trees were down on power lines near Crimo A boundary remained overhead on the 27th he boundary caused a few severe thunde FREDERICK COUNTY 0.9 ESE HAYFIEL A tree was down in the 300 Block of Mount (07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 08.14, -78.84] 07/27/16 13:08 EST	ns led to an unsta	0 0 0 able atmosphere.	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media The instability along with Thunderstorm Wind (EG 50 kt)
A tree was down on a structure off Route 34 A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [3 Trees were down on power lines near Crimo A boundary remained overhead on the 27th the boundary caused a few severe thunde FREDERICK COUNTY 0.9 ESE HAYFIEL A tree was down in the 300 Block of Mount (07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 0 in Crimora. 10 in Crimor	ns led to an unsta	0 0 0 able atmosphere. 7	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media The instability along with Thunderstorm Wind (EG 50 kt) Source: 911 Call Center
A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [3 Trees were down on power lines near Crimo A boundary remained overhead on the 27th the boundary caused a few severe thunde EREDERICK COUNTY 0.9 ESE HAYFIEL A tree was down in the 300 Block of Mount of	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 00 in Crimora. 08.14, -78.84] 07/27/16 13:08 EST 07/27/16 13:08 EST 07/27/16 13:08 EST 07/28/16 12:59 EST 07/28/16 12:59 EST 07/28/16 13:32 EST 07/28/16 13:32 EST	ns led to an unsta	0 0 0 able atmosphere. 7	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media The instability along with Thunderstorm Wind (EG 50 kt) Source: 911 Call Center Thunderstorm Wind (EG 50 kt)
A tree was down on a structure off Route 34 A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [3 Trees were down on power lines near Crimo A boundary remained overhead on the 27th the boundary caused a few severe thunde FREDERICK COUNTY 0.9 ESE HAYFIEL A tree was down in the 300 Block of Mount (3 FREDERICK COUNTY 1.5 S GRAVEL SP A tree was down on power lines in the 600 E	07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 0 in Crimora. 0 in Crim	ns led to an unsta	0 0 0 able atmosphere. 7	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media The instability along with Thunderstorm Wind (EG 50 kt) Source: 911 Call Center Thunderstorm Wind (EG 50 kt)
A tree was down on a structure off Route 34 A tree was down on a structure off Route 34 AUGUSTA COUNTY 0.7 SE CRIMORA [3 Trees were down on power lines near Crimo A boundary remained overhead on the 27th the boundary caused a few severe thunde FREDERICK COUNTY 0.9 ESE HAYFIEL A tree was down in the 300 Block of Mount (07/27/16 13:06 EST 07/27/16 13:06 EST 07/27/16 13:06 EST 0 in Crimora. 0 in Crim	ns led to an unsta	0 0 0 able atmosphere. 7	Source: Broadcast Media Thunderstorm Wind (EG 52 kt) Source: Broadcast Media The instability along with Thunderstorm Wind (EG 50 kt) Source: 911 Call Center Thunderstorm Wind (EG 50 kt)

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
tree was down across the roadway i	in the 2300 Block of Bishop Meade Ro	ad.		
LARKE COUNTY 2.8 SE MILLWO			•	T
	07/28/16 14:13 EST		0	Thunderstorm Wind (EG 50 kt)
	07/28/16 14:13 EST		0	Source: 911 Call Center
tree was down across the roadway i	near the intersection of Lions Lane and	d Howellsville Road.		
OUDOUN COUNTY 1.7 WSW BLU	UEMONT [39.11, -77.85]			
	07/28/16 14:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/28/16 14:30 EST		0	Source: 911 Call Center
tree was down in the 21000 Block o	f Blue Ridge Mountain Road.			
boundary remained overhead on the boundary caused a few severe the	he 28th of July. Hot and humid cond nunderstorms to develop.	itions led to an unsta	ble atmosphere. 1	The instability along with
ULPEPER COUNTY 1.2 S CULPE			_	
	07/30/16 18:25 EST		0	Thunderstorm Wind (EG 50 kt)
	07/30/16 18:25 EST		0	Source: 911 Call Center
tree was down along the 1400 block	Old Fredericksburg Road.			
HARLOTTESVILLE (C) COUNTY	2.1 ENE CHARLOTTESVILLE [38.04,	-78.47]		
	07/30/16 19:13 EST		0	Thunderstorm Wind (EG 50 kt)
	07/30/16 19:13 EST		0	Source: 911 Call Center
tree was knocked down onto a hous	se near the 10000 block of Sheridan A	/enue		
THEE WAS KNOCKED DOWN ONLO A NOUS	se fical the 10000 block of chefidali74	veride.		
boundary remained overhead on the boundary caused a few severe the	he 30th of July. Hot and humid cond nunderstorms to develop.	itions led to an unsta	ble atmosphere. 1	The instability along with
	SE WOODVILLE [38.59, -78.17], 0.8 S	E WOODVILLE [38.59	, -78.17], 0.5 ENE	WOODVILLE [38.60, -78.17], 0.6 ENE
OODVILLE [38.60, -78.17]	07/30/16 18:50 EST		0	Flash Flood (due to Heavy Rain)
	07/30/16 21:15 EST		0	Source: 911 Call Center
			· ·	Galles C. F. Gall Galling.
here was a mudslide on US 522 one	mile south of Woodville. The southbo	und lane was closed.		
APPAHANNOCK COUNTY 1.5 SS	SE CASTLETON [38.58, -78.11], 1.5 S	CASTLETON [38.58,	-78.11], 1.4 S CAS	STLETON [38.58, -78.12], 1.4 SSE
ASTLETON [38.58, -78.11]	07/20/40 40:02 FOT		0	Floor Floor (due to Hoovy Deir)
	07/30/16 19:02 EST		0	Flash Flood (due to Heavy Rain)
	07/30/16 21:15 EST		0	Source: 911 Call Center
urkey Ridge Road was flooded and c	closed.			
	NW ESTES [38.63, -78.09], 1.3 WNW	ESTES [38.63, -78.09	, 1.5 WNW ESTES	S [38.63, -78.10], 1.2 W ESTES [38.62,
78.09]	07/30/16 19:04 EST		0	Flash Flood (due to Heavy Rain)
	07/30/16 21:15 EST		0	Source: 911 Call Center
astle Mountain Road was flooded an				
mountain road was nooded an				
ULPEPER COUNTY 0.9 NW INLE	ET [38.49, -77.94], 0.8 NW INLET [38.4	9, -77.94], 0.8 NNE IN	= '	
	07/30/16 19:12 EST		0	Flash Flood (due to Heavy Rain)
	07/30/16 21:15 EST		0	Source: 911 Call Center
el Pre Road was closed from Jubilee	e Road to Brandy Road due to flooding	l.		
ULPEPER COUNTY 0.3 NE INLE				
	T [38.48, -77.93], 0.1 NE INLET [38.48	, -77.93], 0.3 E INLET	[38.48, -77.93], 1.	5 E INLET [38.48, -77.90], 1.5 E INLET
38.48, -77.90]	T [38.48, -77.93], 0.1 NE INLET [38.48 07/30/16 19:14 EST	, -77.93], 0.3 E INLET	[38.48 , -77.93], 1 .	5 E INLET [38.48, -77.90], 1.5 E INLET Flood (due to Heavy Rain)

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Source: 911 Call Center

0

07/30/16 21:15 EST

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Glen Ella Road was flooded and closed.				
ALBEMARLE COUNTY 2.9 W SIMEON		98, -78.50], 3.0 W S	=	
	07/30/16 19:37 EST		0	Flood (due to Heavy Rain)
	07/30/16 21:37 EST		0	Source: 911 Call Center
The 1900 Block of Scottsville Road was clo	osed due to flooding.			
ALBEMARLE COUNTY 1.6 N WOODRII	DGE [37.92, -78.45], 1.6 N WOODR	IDGE [37.92, -78.4	5], 1.5 N WOODRIE	DGE [37.92, -78.45], 1.5 N WOODRIDGE
[37.92, -78.45]	07/00/40 40 57 507		•	Flood (due to House Bein)
	07/30/16 19:57 EST		0	Flood (due to Heavy Rain)
	07/30/16 21:57 EST		0	Source: 911 Call Center
Rolling Road was closed between the 3900	0 and 4300 blocks due to flooding.			
CULPEPER COUNTY 0.5 SE RIXEYVIL		= '	=	VILLE [38.57, -77.94], 2.0 ESE
RIXEYVILLE [38.57, -77.94], 1.9 ESE RIXE	EYVILLE [38.57, -77.94], 1.3 ESE RI 07/30/16 22:45 EST	XEYVILLE [38.57,	- 77.95] 0	Flood (due to Hoosy Pain)
	07/30/16 22:45 EST		0	Flood (due to Heavy Rain)
	07/31/10 03:00 EST		U	Source: Department of Highways
Route 640 east of Rixeyville was closed du	ue to flooding.			
counties and led very heavy rainfall that 30th. Thunderstorms also formed across	led to flash flooding. Catastrophic the Central Foothills in Virginia.	flash flooding occ	curred in Ellicott C	City, MD the night of July
counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING	led to flash flooding. Catastrophic s the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (VA-R	flash flooding occ	curred in Ellicott C	City, MD the night of July ON, (VA-Z040) RAPPAHANNOCK,
counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING	led to flash flooding. Catastrophic s the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (V. ER 07/31/16 00:00 EST	flash flooding occ	curred in Ellicott C (VA-Z039) MADISC	City, MD the night of July
counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING	led to flash flooding. Catastrophic s the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (VA-R	flash flooding occ	curred in Ellicott C	City, MD the night of July ON, (VA-Z040) RAPPAHANNOCK,
counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING (VA-Z050) ORANGE, (VA-Z051) CULPEPE	led to flash flooding. Catastrophics the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (V.ER 07/31/16 00:00 EST 07/31/16 07:19 EST	flash flooding occ	(VA-Z039) MADISO	ON, (VA-Z040) RAPPAHANNOCK, Dense Fog
counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING (VA-Z050) ORANGE, (VA-Z051) CULPEPE Radiational cooling along with high amounts	led to flash flooding. Catastrophics the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (V. ER 07/31/16 00:00 EST 07/31/16 07:19 EST unts of low-level moisture resulted	flash flooding occ	(VA-Z039) MADISO	ON, (VA-Z040) RAPPAHANNOCK, Dense Fog
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counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING (VA-Z050) ORANGE, (VA-Z051) CULPEPE Radiational cooling along with high amounts (VA-Z051) CULPEPE RADIATION COUNTY 2.3 ESE HOLES	led to flash flooding. Catastrophics the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (V. ER 07/31/16 00:00 EST 07/31/16 07:19 EST unts of low-level moisture resulted LLADAY [38.11, -77.83] 07/31/16 14:20 EST 07/31/16 14:20 EST	flash flooding occ	(VA-Z039) MADISO 0 0 er fog during the ea	DN, (VA-Z040) RAPPAHANNOCK, Dense Fog arly morning hours. Thunderstorm Wind (EG 52 kt)
counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING (VA-Z050) ORANGE, (VA-Z051) CULPEPE Radiational cooling along with high amount SPOTSYLVANIA COUNTY 2.3 ESE HOLT Trees were down at Lake Anna State Park	led to flash flooding. Catastrophics the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (V. ER 07/31/16 00:00 EST 07/31/16 07:19 EST unts of low-level moisture resulted LLADAY [38.11, -77.83] 07/31/16 14:20 EST 07/31/16 14:20 EST	flash flooding occ	(VA-Z039) MADISO 0 0 er fog during the ea	DN, (VA-Z040) RAPPAHANNOCK, Dense Fog arly morning hours. Thunderstorm Wind (EG 52 kt)
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counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING (VA-Z050) ORANGE, (VA-Z051) CULPEPE Radiational cooling along with high amous SPOTSYLVANIA COUNTY 2.3 ESE HOLT Trees were down at Lake Anna State Park LOUDOUN COUNTY 0.7 NE HAMILTON	led to flash flooding. Catastrophics the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (V. ER 07/31/16 00:00 EST 07/31/16 07:19 EST unts of low-level moisture resulted LLADAY [38.11, -77.83] 07/31/16 14:20 EST 07/31/16 14:20 EST near cabin 1 and cabin 7. N [39.14, -77.64] 07/31/16 15:00 EST 07/31/16 15:00 EST	flash flooding occ	(VA-Z039) MADISO O o fog during the ea	DN, (VA-Z040) RAPPAHANNOCK, Dense Fog arly morning hours. Thunderstorm Wind (EG 52 kt) Source: Amateur Radio Thunderstorm Wind (EG 50 kt)
counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING (VA-Z050) ORANGE, (VA-Z051) CULPEPE Radiational cooling along with high amount of the second s	led to flash flooding. Catastrophics the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (VAER 07/31/16 00:00 EST 07/31/16 07:19 EST unts of low-level moisture resulted 1.00 EST 07/31/16 14:20 EST 07/31/16 14:20 EST 07/31/16 15:00 EST	flash flooding occ	(VA-Z039) MADISO O o fog during the ea	DN, (VA-Z040) RAPPAHANNOCK, Dense Fog arly morning hours. Thunderstorm Wind (EG 52 kt) Source: Amateur Radio Thunderstorm Wind (EG 50 kt)
counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING (VA-Z050) ORANGE, (VA-Z051) CULPEPE Radiational cooling along with high amount of the second s	led to flash flooding. Catastrophics the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (VAER 07/31/16 00:00 EST 07/31/16 07:19 EST unts of low-level moisture resulted 1.00 EST 07/31/16 14:20 EST 07/31/16 14:20 EST 07/31/16 15:00 EST	flash flooding occ	(VA-Z039) MADISO O o fog during the ea	DN, (VA-Z040) RAPPAHANNOCK, Dense Fog arly morning hours. Thunderstorm Wind (EG 52 kt) Source: Amateur Radio Thunderstorm Wind (EG 50 kt)
counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING (VA-Z050) ORANGE, (VA-Z051) CULPEPE Radiational cooling along with high amous SPOTSYLVANIA COUNTY 2.3 ESE HOLT Trees were down at Lake Anna State Park LOUDOUN COUNTY 0.7 NE HAMILTON A tree was down across Gable Farm Road	led to flash flooding. Catastrophics the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (VAER 07/31/16 00:00 EST 07/31/16 07:19 EST unts of low-level moisture resulted 17/31/16 14:20 EST 07/31/16 14:20 EST 07/31/16 14:20 EST 07/31/16 15:00 EST 07/	flash flooding occ	(VA-Z039) MADISO O o fog during the ea	DN, (VA-Z040) RAPPAHANNOCK, Dense Fog arly morning hours. Thunderstorm Wind (EG 52 kt) Source: Amateur Radio Thunderstorm Wind (EG 50 kt) Source: 911 Call Center
the boundary caused a few severe thund counties and led very heavy rainfall that 30th. Thunderstorms also formed across (VA-Z025) AUGUSTA, (VA-Z026) ROCKING (VA-Z050) ORANGE, (VA-Z051) CULPEPE Radiational cooling along with high amount SPOTSYLVANIA COUNTY 2.3 ESE HOLD Trees were down at Lake Anna State Park LOUDOUN COUNTY 0.7 NE HAMILTON A tree was down across Gable Farm Road LOUDOUN COUNTY 0.8 SE RAEONIAN A tree was down in the 17000 block of Brid	led to flash flooding. Catastrophics the Central Foothills in Virginia. GHAM, (VA-Z037) ALBEMARLE, (V. ER 07/31/16 00:00 EST 07/31/16 07:19 EST unts of low-level moisture resulted of the control of t	flash flooding occ	(VA-Z039) MADISO O o fog during the ea	DN, (VA-Z040) RAPPAHANNOCK, Dense Fog arly morning hours. Thunderstorm Wind (EG 52 kt) Source: Amateur Radio Thunderstorm Wind (EG 50 kt) Source: 911 Call Center

WEST VIRGINIA, East

MORGAN COUNTY --- 0.8 E PAW PAW [39.53, -78.46]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/18/16 12:41 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 12:41 EST		0	Source: 911 Call Center
A tree was down on wires in Paw Pa	w.			
BERKELEY COUNTY 1.1 ESE AR	DEN [39.41, -78.03]			
	07/18/16 13:21 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/16 13:21 EST		0	Source: 911 Call Center
A cold front passed through the are	of Tabler Station Road. ea. Ahead of the front, hot and humid co sility to trigger thunderstorms. Stronger		•	_
	ea. Ahead of the front, hot and humid co oility to trigger thunderstorms. Stronger EFFERSON		per-level trough ca	used some
A cold front passed through the are cold front combined with the instakthunderstorms to become severe.	ea. Ahead of the front, hot and humid co bility to trigger thunderstorms. Stronger EFFERSON 07/25/16 13:00 EST		per-level trough ca	_
A cold front passed through the are cold front combined with the install thunderstorms to become severe. WV-Z052) BERKELEY, (WV-Z053) J	ea. Ahead of the front, hot and humid co oility to trigger thunderstorms. Stronger EFFERSON	shear from an upp	oer-level trough ca	Heat
A cold front passed through the are cold front combined with the install thunderstorms to become severe. WV-Z052) BERKELEY, (WV-Z053) J A southwesterly flow around high pupper-level ridge of high pressure.	ea. Ahead of the front, hot and humid co bility to trigger thunderstorms. Stronger EFFERSON 07/25/16 13:00 EST 07/25/16 14:00 EST oressure over the Atlantic pumped in ple The heat and humidity caused dangerou	shear from an up nty of moisture w us heat indices.	oer-level trough ca 0 0	Heat s persisted due to an
A cold front passed through the are cold front combined with the install thunderstorms to become severe. WV-Z052) BERKELEY, (WV-Z053) J A southwesterly flow around high pupper-level ridge of high pressure.	ea. Ahead of the front, hot and humid co bility to trigger thunderstorms. Stronger EFFERSON 07/25/16 13:00 EST 07/25/16 14:00 EST oressure over the Atlantic pumped in ple The heat and humidity caused dangerou	shear from an up nty of moisture w us heat indices.	oer-level trough ca 0 0	Heat s persisted due to an

Johnsons Mill Road was closed due to high water in the 4700 block. This is a flood prone area.

A boundary remained overhead on the 28th of July. Hot and humid conditions led to an unstable atmosphere. The instability along with the boundary caused a few severe thunderstorms to develop. Thunderstorms produced heavy rainfall.

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