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

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PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 1.5 W PATUXENT RIVER BUOY (44044) [38.39, -76.56]

09/07/23 18:15 EST 0 Marine Hail (0.75 in) 09/07/23 18:15 EST 0 Source: Social Media

Hail of up to penny size was observed near the shore of the tidal Patuxent River in the Hollywood/Sotterley area.

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 2.3 ESE PATUXENT RIVER BUOY (44044) [38.38, -76.49]

09/07/23 18:29 EST 0 Marine Thunderstorm Wind (MG 34 kt)

09/07/23 18:29 EST 0 Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by a personal weather station at Tuck at Mears Creek (KMDLUSBY59) adjacent to the tidal Patuxent River.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSES REEF BUOY (44062) [38.56, -76.41]

09/07/23 18:30 EST 0 Marine Thunderstorm Wind (MG 35 kt)

09/07/23 18:42 EST 0 Source: Buoy

Wind gusts of up to 35 knots (40 MPH) were measured by the Gooses Reef CBIBS sensor (44062) between 7:30 and 7:42 PM.

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 5.6 WSW CHOPTANK RIVER (CHOP) [38.62, -76.26]

09/07/23 18:54 EST 0 Marine Thunderstorm Wind (MG 48 kt)

09/07/23 19:04 EST 0 Source: Mesonet

Wind gusts of up to 48 knots (55 MPH) were measured by a personal weather station at Neck District (KMDCAMBR16) adjacent to the tidal Choptank River.

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

09/07/23 18:58 EST 0 Marine Thunderstorm Wind (EG 35 kt)

09/07/23 19:13 EST 0 Source: Buoy

Wind gusts of up to 35 knots (40 MPH) were measured by the Blackwalnut Harbor WeatherFlow sensor (XBWH).

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.2 WSW CHOPTANK RIVER (CHOP) [38.60, -76.26]

09/07/23 19:00 EST 0 Marine Thunderstorm Wind (MG 34 kt)

09/07/23 19:10 EST 0 Source: Mesonet

Wind gusts of up to 34 knots (39 MPH) were measured by a Tempest station on Kim Drive adjacent to the tidal Choptank River.

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.2 WSW CHOPTANK RIVER (CHOP) [38.60, -76.27]

09/07/23 19:05 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/07/23 19:05 EST 0 Source: Mesonet

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on Cook Point Road adjacent to the tidal Choptank River.

EASTERN BAY COUNTY --- 11.9 S US-50 (MD040) [38.80, -76.21]

09/07/23 19:24 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/07/23 19:34 EST 0 Source: Mesonet

Wind gusts of up to 34 knots (39 MPH) were measured by personal weather stations along the Miles River adjacent to Eastern Bay.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]

09/07/23 20:30 EST 0 Marine Thunderstorm Wind (MG 39 kt)

09/07/23 20:50 EST 0 Source: Buoy

Wind gusts of up to 39 knots (45 MPH) were measured by the Point Lookout WeatherFlow sensor (XPTL).

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]

09/07/23 20:36 EST 0 Marine Thunderstorm Wind (EG 34 kt)

09/07/23 20:42 EST 0 Source: Buoy

A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near the Lower Potomac/Point Lookout CBIBS sensor (44042).

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY N BEACH TO DRUM PT	MD COUNTY 13.2 SE MID BAY	BUOY [38.327	76.231	
	09/07/23 20:59 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	09/07/23 21:14 EST		0	Source: Mesonet
Wind gusts of up to 43 knots (50 MPH) were	measured by a personal weather st	tation at Tom Po	int (KMDFISHI2).	
CHESAPEAKE BAY DRUM PT TO SMITH P	T VA COUNTY LOWER HOOPER	R ISLAND (HPR)	[38.26, -76.18]	
	09/07/23 21:01 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/07/23 21:01 EST		0	Source: Buoy
A thunderstorm produced an estimated wind	gust to 34 knots (39 MPH) near the	Lower Hooper I	sland WeatherFlow	sensor (XHPR).
TANGIER SOUND AND THE INLAND WATE	RS SURROUNDING BLOODSWOR	TH ISLAND CO	JNTY BISHOPS	HEAD (BISM2) [38.22, -76.04]
	09/07/23 21:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/07/23 21:06 EST		0	Source: Buoy
A thunderstorm produced an estimated wind	gust to 34 knots (39 MPH) near the	Bishops Head F	Pier NOS sensor (B	ISM2).
Numerous showers and thunderstorms de		-	days of late seaso	n heat. Several of these
storms produced strong winds and hail over	er the tidal Potomac River and Chi	еѕареаке вау.		
CHESAPEAKE BAY N OF POOLES IS MD C		CE (HAVDG) [39	· -	
	09/08/23 20:24 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/08/23 20:24 EST		0	Source: Mesonet
A wind gust of 35 knots (40 MPH) was meas	ured by a mesonet on the westbour	nd span of the US	S-40 Hatem Bridge	(MD067).
PATAPSCO RIVER INCLUDING BALTIMORE	E HARBOR COUNTY 0.2 SSE BA	ALTIMORE KEY	BRIDGE (FSKM2)	[39.22, -76.53]
	09/08/23 22:13 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/08/23 22:13 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind	gust to 34 knots (39 MPH) near a n	nesonet on the I-	-695 Francis Scott I	Key Bridge (MD120).
CHESAPEAKE BAY SANDY PT TO N BEAC	H MD COUNTY 1.0 ESE SANDY	POINT SOUTH	(NRSPS) [38.99, -7	6.37]
	09/08/23 22:14 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/08/23 22:14 EST		0	Source: Mesonet
Wind gusts of up to 36 knots (42 MPH) were	measured by a mesonet on the wes	stbound span of	the US-50/US-301	Chesapeake Bay Bridge (MD065).
CHESAPEAKE BAY SANDY PT TO N BEAC	H MD COUNTY TOLLY POINT (T	ΓOL) [38.94, -76.	44]	
	09/08/23 22:54 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	09/08/23 22:59 EST		0	Source: Buoy
Wind gusts of up to 42 knots (48 MPH) were	measured by the Tolly Point Weath	erFlow sensor ()	KTOL).	
CHESAPEAKE BAY SANDY PT TO N BEAC	H MD COUNTY 1.4 ESE SANDY	POINT SOUTH	(NRSPS) [38.997	6.37]
	09/08/23 23:04 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/08/23 23:04 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind	gust to 34 knots (39 MPH) near a n	mesonet on the e	eastbound span of t	he US-50/US-301 Chesapeake Bay
Bridge (MD066).				
An approaching cold front ignited scattered unseasonably hot and humid airmass. Seve		_		tersected an
TANGIER SOUND AND THE INLAND WATE	RS SURROUNDING BLOODSWOR	TH ISLAND CO	JNTY CRISFIELI	D CG (CRS) [37.97, -75.88]
	09/09/23 05:59 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/09/23 06:14 EST		0	Source: Buoy
			.50)	
Wind gusts of up to 34 knots (39 MPH) were	measured by the Crisfield Weather	Flow sensor (XC	KS).	

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TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 06:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 06:30 EST		0	Source: Buoy
thunderstorm produced an estimated wind	l gust to 34 knots (39 MPH) near th	ne Bishops Head P	ier NOS sensor (B	ISM2).
TIDAL POTOMAC KEY BRIDGE TO INDIAN		AN NATIONAL AIR	= -	-
	09/09/23 13:37 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/09/23 13:37 EST		0	Source: ASOS
A wind gust of 35 knots (40 MPH) was meas	sured by the ASOS at Ronald Reac	gan Washington Na	ational Airport (KDC	CA) adjacent to the tidal Potomac River.
TIDAL POTOMAC INDIAN HD TO COBB IS		REN (PYL) [38.31,	=	Marina Thundaratarm Wind (MC 25 I4)
	09/09/23 13:45 EST 09/09/23 13:45 EST		0	Marine Thunderstorm Wind (MG 35 kt) Source: Buoy
	09/09/23 13.43 E31		U	Source. Buoy
A wind gust of 35 knots (40 MPH) was meas	sured by the Pylons Dahlgren Wea	therFlow sensor (X	(PYL).	
TIDAL POTOMAC INDIAN HD TO COBB IS	` · · ·	[38.33, -77.02]	0	Marina Thundarsterm Wind (MC 04 L4)
	09/09/23 13:47 EST 09/09/23 13:52 EST		0	Marine Thunderstorm Wind (MG 34 kt) Source: Buoy
Wind gusts of up to 34 knots (39 MPH) were		nerFlow sensor (XT		Source. Budy
				MAILINID 190 00 . 77 047
TIDAL POTOMAC KEY BRIDGE TO INDIAN	09/09/23 13:50 EST	KGE WASHING FO	0	Marine Thunderstorm Wind (MG 36 kt)
	09/09/23 13:50 EST		0	Source: Mesonet
TIDAL POTOMAC COBB IS MD TO SMITH	PT VA COUNTY COBB POINT (09/09/23 14:29 EST	COB) [38.24, -76.8	3] 0	Marine Thunderstorm Wind (MG 41 kt)
	09/09/23 14:29 EST		0	Source: Buoy
A wind gust of 41 knots (47 MPH) was meas	sured by the Cobb Point WeatherFl	low sensor (XCOB).	
TIDAL POTOMAC COBB IS MD TO SMITH		D (LWTV2) [38.00,	=	Marina Thundaratarm Wind (MC 26 I4)
	09/09/23 14:48 EST		0	Marine Thunderstorm Wind (MG 36 kt)
A wind gust of 36 knots (42 MPH) was meas	09/09/23 14:48 EST sured by one of the Lewisetta NOS	sensors (LWTV2).		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS	MD COUNTY PVI ONS DAHI G	DEN (DVI) [38 31	-77 001	
0.00000	09/09/23 14:56 EST		0	Marine Thunderstorm Wind (EG 35 kt)
	09/09/23 14:56 EST		0	Source: Buoy
A wind gust of 35 knots (40 MPH) was meas	sured by the Pylons Dahlgren Wea	therFlow sensor (X	(PYL).	
TIDAL POTOMAC COBB IS MD TO SMITH	PT VA COUNTY PINEY POINT (PPTM2) [38.13, -7	6.53]	
	09/09/23 15:06 EST	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	Marine Thunderstorm Wind (MG 43 kt)
	09/09/23 15:12 EST		0	Source: Buoy
Wind gusts of up to 43 knots (50 MPH) were	e measured by the Piney Point NO	S sensor (PPTM2).		
TIDAL POTOMAC COBB IS MD TO SMITH	PT VA COUNTY ST INIGOES (K	(NUI) [38.13, -76.42	2]	
	09/09/23 15:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 15:06 EST		0	Source: ASOS
A thunderstorm produced an estimated wind River.	l gust to 34 knots (39 MPH) near tl	ne ASOS at Saint I	nigoes/Webster Fi	eld (KNUI) adjacent to the tidal Potomac

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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]

OBDECT 1507 EST 0 Source: Boroy Wind gusts of up to 38 knots (44 MPH) was measured by the Monros Crook WeatherFlow sensor (VMON). IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — QUANTICO (KNYG) [38.51, -77.30] OBDECT 1514 EST 0 Source: WOS A wind gust of 34 knots (39 MPH) was measured by the AWOS at Quantico Marine Base (WNYG) adjacent to the total Potomac River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — PATUXENT RIVER ASOS (KNHK) [38.29, -76.41] OBDECT 1518 EST 0 Source: ASOS A wind gust of 34 knots (39 MPH) was measured by the ANOS at Quantico Marine Base (WNYG) adjacent to the total Potomac River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — PATUXENT RIVER ASOS (KNHK) [38.29, -76.41] OBDECT 1518 EST 0 Source: ASOS A wind gust of 34 knots (39 MPH) was measured by the ASOS at Putuxent River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — COBB POINT (COB) [38.24, -76.83] OBDECT 1520 EST 0 Source: Booy A wind gust of 34 knots (39 MPH) was measured by the ASOS at Putuxent River. TIDIAL POTOMAC COBB IS ND TO SMITH PT VA COUNTY — COBB POINT (COB) [38.24, -76.83] OBDECT 1520 EST 0 Marine Thumderstorm Wind (MG 41 kil) OBDECT 1520 EST 0 Marine Thumderstorm Wind (MG 41 kil) OBDECT 1520 EST 0 Source: Booy Wind gusts of up to 37 knots (47 MPH) was measured by the Cockold Creek WeatherFlow sensor (XCCK). PATUXENT RIVER TO BROOMES ISLAND MD COUNTY — SOLOMONS ISLAND (SLIMZ) [38.32, -76.45] OBDECT 1520 EST 0 Source: Booy Wind gusts of up to 37 knots (47 MPH) was measured by the Cuckold Creek WeatherFlow sensor (XCCK). PATUXENT RIVER TO BROOMES ISLAND MD COUNTY — PLONE DARLOSEN (PVL) [38.32, -76.45] OBDECT 1520 EST 0 Source: Booy Wind gusts of up to 38 knots (41 MPH) was measured by the Potom Book (38 MPH) mear one of the Solomonra Island NOS sensors (SLIMZ). TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — PLONE DARLOSEN (PVL) [38.32, -76.45] OBDECT 1520 EST 0 Source: Booy Wind gusts of up to 36 knots (41 MPH) was measured by the Potom Book (38 MD COUNTY — PVLONE DARLOSEN (PVL) [38.32, -76.25] OBDECT 1520	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind gusts of up to 38 knots (44 MPH) were measured by the Monroe Creek WeatherFlow sensor (XMON). IIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — CUANTICO (KNYG) [38.51, 77.39] 0000023 15:14 EST 0 Source: AWOS Avaind gust of 34 knots (39 MPH) was measured by the AWOS at Quantico Marline Base (KNYG) adjacent to the tidad Potomac River. CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — PATUKENT RIVER ASOS (NHK) [38.29, -78.41] 0000023 15:18 EST 0 Source: ASOS Avaind gust of 34 knots (39 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal attacker River. IIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — COBB POINT (COB) [38.24, -78.43] 0809032 15:20 EST 0 Marine Thunderstern Wind (MG 34 kt) Source: Busy Avaind gust of 41 knots (47 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB). IIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — CUCKOLD CREEK (CCK) [38.31, -78.93] 0809032 15:20 EST 0 Source: Busy Avaind gusts of up to 37 knots (43 MPH) were measured by the Cobb Point WeatherFlow sensor (XCOB). IIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — CUCKOLD CREEK (CCK) [38.31, -78.93] 0809032 15:20 EST 0 Source: Busy Avaind gusts of up to 37 knots (43 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK). IVAILURENT RIVER TO BROOMES ISLAND MD COUNTY — SOLOMONS ISLAND (SLIM2) [38.32, -78.45] 0000022 15:20 EST 0 Source: Busy Avainderstern produced estimated wind gusts to 34 knots (39 MPH) near one of the Solomons Island NOS sensors (SLIM2). IIDAL POTOMAC INDIAN HD TO COSB IS MD COUNTY — PATUANDER (PVL) [38.31, -77.09] 0000022 15:20 EST 0 Source: Busy Avaind gusts of up to 30 knots (41 MPH) were measured by the Pylons Dalhigner MeatherFlow sensor (XPYL). INDIAL POTOMAC INDIAN HD TO COSB IS MD COUNTY — PATUANDER (PVL) [38.31, -77.49] 0000022 15:20 EST 0 Source: Busy Avaind gusts of 48 knots (55 MPH) was measured by the Pylons Dalhigner MeatherFlow sensor (XPYL). INDIAL POTOMAC INDIAN HD TO CORD IS MD COUNTY — PATUANDER (COVM		09/09/23 15:07 EST		0	Marine Thunderstorm Wind (MG 38 kt)
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — CULANTEC (KNYG) [38.51, 77.30] G009023 15:14 EST G009023 15:16 EST G009023 15		09/09/23 15:17 EST		0	Source: Buoy
0,000/23 15:14 EST 0 Source: AWOS 0,000/23 15:14 EST 0 Marine Thunderstorm Wind (MG 34 H) 0,000/23 15:18 EST 0 Marine Thunderstorm Wind (MG 34 H) 0,000/23 15:18 EST 0 Source: ASOS 0,000/23 15:18 EST 0 Marine Thunderstorm Wind (MG 34 H) 0,000/23 15:18 EST 0 Marine Thunderstorm Wind (MG 34 H) 0,000/23 15:20 EST 0 Marine Thunderstorm Wind (MG 34 H) 0,000/23 15:20 EST 0 Source: Buoy	'ind gusts of up to 38 knots (44 MPH) were n	neasured by the Monroe Creek V	VeatherFlow senso	or (XMON).	
09/09/23 15:14 EST 0 Source: AWOS wind gust of 34 knots (39 MPH) was measured by the AWOS at Quantize Marine Base (KNYG) adjacent to the tidal Potorrac River. #ESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — PATUXENT RIVER ASOS (KNHK) [38.29, -76.41] 09/09/23 15:18 EST 0 Source: ASOS wind gust of 34 knots (39 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal student River. DAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — COBB POINT (COB) [38.24, -76.83] 09/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 41 Mt) 09/09/23 15:20 EST 0 Source: Busy wind gust of 41 knots (47 MPH) was measured by the Cobb Point WeatherFlow sensor (XCCOB). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — CUCKOLD CREEK (CCK) [38.31, -76.93] 09/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 37 kt) 09/09/23 15:20 EST 0 Source: Busy Indigusts of up to 37 knots (43 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK). *** ***TUXENT RIVER TO BROOMES ISLAND MD COUNTY — SOLDWONS ISLAND (SLIM2) [38.32, -76.45] 09/09/23 15:20 EST 0 Source: Busy ***TUXENT RIVER TO BROOMES ISLAND MD COUNTY — PYLONS DAHLGREN (PYL) [38.31, -77.00] 09/09/23 15:20 EST 0 Source: Busy ***TUXENT RIVER TO BROOMES IS MD COUNTY — PYLONS DAHLGREN (PYL) [38.31, -77.00] 09/09/23 15:20 EST 0 Source: Busy ***TUXENT RIVER TO BROOMES IS MD COUNTY — PYLONS DAHLGREN (PYL) [38.31, -77.00] 09/09/23 15:20 EST 0 Source: Busy ***HUMDERSTORM PY MD COUNTY — PYLONS DAHLGREN (PYL) [38.31, -77.00] 09/09/23 15:20 EST 0 Source: Busy ***HUMDERSTORM PY MD COUNTY — 12.2 SE MID BAY BUDY [38.32, -76.23] 09/09/23 15:20 EST 0 Source: Busy ***HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.5 S MID BAY BUDY [38.32, -76.23] 09/09/23 15:20 EST 0 Source: Busy ***HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.5 S MID BAY BUDY [38.43, -76.39] 09/09/23 15:30 EST 0 Source: Busy ***HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.5 S MID BAY BUDY [38.43, -76.39] 09/09/23 15:30 EST 0 Source: Busy ***HESAPEAKE BAY N BEACH TO DRUM PT	DAL POTOMAC INDIAN HD TO COBB IS M	-	G) [38.51, -77.30]		
wind gust of 34 knots (39 MPH) was measured by the AWOS at Quantitio Marine Base (KNYG) adjacent to the Idaal Potomac River. HESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY — PATUXENT RIVER ASOS (KNHK) [38.29, -76.41] 08/09/23 15:18 EST 0 Source: ASOS wind gust of 34 knots (39 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal stuxent River. DAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — COBB POINT (COB) [38.24, -76.83] 08/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 41 kt) Source: Busy wind gust of 41 knots (47 MPH) was measured by the Cobb Point WeatherFlow sensor (XCCB). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — CUCKOLD CREEK (CCK) [38.31, -76.93] 08/09/23 15:20 EST 0 Source: Busy indiguats of up to 37 knots (43 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK). XTUXENT RIVER TO BROOMES ISLAND MD COUNTY — SOLOMONS ISLAND (SLIM2) [38.32, -76.45] 08/09/23 15:20 EST 0 Source: Busy Ithunderstorm produced estimated wind gusts to 34 knots (39 MPH) near one of the Solomons Island NOS sensors (SLIM2). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — PYLONS DAHLGREN (PYL.) [38.31, -77.00] 08/09/23 15:20 EST 0 Source: Busy Ithunderstorm produced estimated wind gusts to 34 knots (39 MPH) near one of the Solomons Island NOS sensors (SLIM2). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — PYLONS DAHLGREN (PYL.) [38.31, -77.00] 08/09/23 15:20 EST 0 Source: Busy HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 12.8 E MID BAY BUOY [38.32, -76.23] 08/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 38 kt) Source: Busy Wind gust of 48 knots (55 MPH) was measured by the Pylons Dahlgren WeatherFlow sensor (XPYL). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.4 S MID BAY BUOY [38.32, -76.23] 08/09/23 15:20 EST 0 Source: Busy Wind gust of 35 knots (40 MPH) was measured by the Pylons Dahlgren WeatherFlow Sensor (XPYL). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.6 S MID BAY BUOY [38.43, -76.23] 08/09/23 15:20 EST 0 Source: Busy					,
HESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY PATUXENT RIVER ASOS (KNHK) [38.28, -76.41] 99/98/23 15.16 EST 0		09/09/23 15:14 EST		U	Source: AVVOS
090923 15:18 EST 0 Marine Thunderstorm Wind (MG 34 kt) 090923 15:18 EST 0 Source: ASOS of Patusent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal situent River. DAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — COBB POINT (COB) [38.24, -76.83] 090923 15:20 EST 0 Marine Thunderstorm Wind (MG 41 kt) 090923 15:20 EST 0 Source: Buoy wind gust of 41 knots (47 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — CUCKOLD CREEK (CCK) [38.31, -76.83] 090923 15:20 EST 0 Source: Buoy wind gusts of up to 37 knots (43 MPH) were measured by the Cuckoid Creek WeatherFlow sensor (XCCK). ATUXENT RIVER TO BROOMES ISLAND MD COUNTY — SOLOMONS ISLAND (SLIM2) [38.32, -76.45] 090923 15:24 EST 0 Marine Thunderstorm Wind (EG 34 kt) 090923 15:24 EST 0 Source: Buoy wind (MG 36 kt) 090923 15:41 EST 0 Source: Buoy thunderstorm produced estimated wind gusts to 34 knots (39 MPH) hear one of the Solomons Island NOS sensors (SLIM2). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — PYLONS DAHLGREN (PYL) [38.31, -77.00] Marine Thunderstorm Wind (MG 36 kt) 090923 15:41 EST 0 Source: Buoy HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 12.2 SE MID BAY BUOY [38.32, -76.23] 090923 15:24 EST 0 Source: Buoy HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.2 S MID BAY BUOY [38.32, -76.23] 090923 15:28 EST 0 Source: Buoy HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.2 S MID BAY BUOY [38.34, -76.39] 090923 15:38 EST 0 Source: Measonet Wind gust of 48 knots (55 MPH) was measured by the Pylons Dahlgren WeatherFlow sensor (XPYL). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.2 S MID BAY BUOY [38.43, -76.39] 090923 15:38 EST 0 Source: Buoy Wind gust of 38 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.2 S MID BAY BUOY [38.44, -76.39] 090923 15:38 EST 0 Source: Buoy Wind gust of 38 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2).	wind gust of 34 knots (39 MPH) was measu	red by the AWOS at Quantico Ma	arine Base (KNYG	adjacent to the tid	lal Potomac River.
wind gust of 34 knots (39 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal attucent River. DAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY COBB POINT (COB) [38.24, -76.83] 09/09/23 15:20 EST 0 Source: Buoy Wind gust of 41 knots (47 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY CUCKOLD CREEK (CCK) [38.31, -76.83] 09/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 37 kt) 09/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 37 kt) 09/09/23 15:20 EST 0 Source: Buoy Indigusts of up to 37 knots (43 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK). ATUXENT RIVER TO BROOMES ISLAND MD COUNTY SOLOMONS ISLAND (SLIM2) [38.32, -76.45] 09/09/23 15:24 EST 0 Marine Thunderstorm Wind (EG 34 kt) 09/09/23 15:30 EST 0 Source: Buoy Thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near one of the Solomons Island NOS sensors (SLIM2). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY PYLONS DAHLGREN (PYL) [38.31, -77.00] 09/09/23 15:30 EST 0 Marine Thunderstorm Wind (MG 36 kt) 09/09/23 15:26 EST 0 Source: Buoy Indigusts of up to 36 knots (41 MPH) were measured by the Pylons Dahlgren WeatherFlow sensor (XPYL). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 13.2 SE MID BAY BUOY [38.32, -76.23] 09/09/23 15:36 EST 0 Source: Buoy Wind gust of 48 knots (55 MPH) was measured by a personal weather station at Tom Point (KMDFISHIZ). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 12.8 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Source: Buoy Wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY 0CCOQUAN RIVER (OCC) [38.64, -77.22] 09/09/23 15:36 EST 0 Source: Buoy	HESAPEAKE BAY DRUM PT TO SMITH PT		ER ASOS (KNHK)		Marina Thundaratarm Wind (MC 24 kt)
wind gust of 34 knots (39 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal attaxent River. IDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY — COBB POINT (COB) [38.24, -76.83]					· · · · · · · · · · · · · · · · · · ·
09/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:20 EST 0 Source: Buoy wind gust of 41 knots (47 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — CUCKOLD CREEK (CCK) [38.31, -76.93] 09/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 37 kt) 09/09/23 15:40 EST 0 Source: Buoy find gusts of up to 37 knots (43 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK). ATUXENT RIVER TO BROOMES ISLAND MD COUNTY — SOLOMONS ISLAND (SLIM2) [38.32, -76.45] 09/09/23 15:24 EST 0 Marine Thunderstorm Wind (EG 34 kt) 09/09/23 15:30 EST 0 Source: Buoy thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near one of the Solomons Island NOS sensors (SLIM2). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — PYLONS DAHLGREN (PYL) [38.31, -77.00] Marine Thunderstorm Wind (MG 36 kt) 09/09/23 15:26 EST 0 Source: Buoy find gusts of up to 36 knots (41 MPH) were measured by the Pylons Dahlgren WeatherFlow sensor (XPYL). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 12.2 SE MID BAY BUOY [38.32, -76.23] 09/09/23 15:29 EST 0 Source: Buoy wind gust of 48 knots (55 MPH) was measured by a personal weather station at Tom Point (KMDFISHI2). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY — 2.6 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Source: Buoy wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — 2.6 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Source: Buoy Wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). DAL POTOMAC INDIAN HD TO COBB IS MD COUNTY — OCCOOUAN RIVER (OCC) [38.64, -77.22] 09/09/23 15:50 EST 0 Source: Buoy	, ,		er Naval Air Statio		
wind gust of 41 knots (47 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB). IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY CUCKOLD CREEK (CCK) [38.31, -78.93] 09/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 37 kt) 09/09/23 15:40 EST 0 Source: Buoy Vind gusts of up to 37 knots (43 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK). ATUXENT RIVER TO BROOMES ISLAND MD COUNTY SOLOMONS ISLAND (SLIM2) [38.32, -76.45] 09/09/23 15:20 EST 0 Source: Buoy Ithunderstorm produced estimated wind gusts to 34 knots (39 MPH) near one of the Solomons Island NOS sensors (SLIM2). IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY PYLONS DAHLGREN (PYL) [38.31, -77.00] 09/09/23 15:26 EST 0 Marine Thunderstorm Wind (MG 36 kt) 09/09/23 15:26 EST 0 Source: Buoy Vind gusts of up to 36 knots (41 MPH) were measured by the Pylons Dahlgren WeatherFlow sensor (XPYL). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 13.2 SE MID BAY BUOY [38.32, -76.23] 09/09/23 15:29 EST 0 Marine Thunderstorm Wind (MG 48 kt) 09/09/23 15:29 EST 0 Source: Mesonet Wind gust of 48 knots (55 MPH) was measured by a personal weather station at Tom Point (KMDFISHI2). HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 26 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Marine Thunderstorm Wind (MG 35 kt) 09/09/23 15:36 EST 0 Source: Buoy HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 26 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Source: Buoy HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 26 S MID BAY BUOY [38.43, -76.23] 09/09/23 15:36 EST 0 Source: Buoy HESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 26 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Source: Buoy	IDAL POTOMAC COBB IS MD TO SMITH PT	•	COB) [38.24, -76.8	-	
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09/09/23 15:20 EST 0 Marine Thunderstorm Wind (MG 37 kt) 09/09/23 15:40 EST 0 Source: Buoy Wind gusts of up to 37 knots (43 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK). PATUXENT RIVER TO BROOMES ISLAND MD COUNTY SOLOMONS ISLAND (SLIM2) [38.32, -76.45] 09/09/23 15:24 EST 0 Marine Thunderstorm Wind (EG 34 kt) 09/09/23 15:30 EST 0 Source: Buoy A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near one of the Solomons Island NOS sensors (SLIM2). IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY PYLONS DAHLGREN (PYL) [38.31, -77.00] 09/09/23 15:26 EST 0 Marine Thunderstorm Wind (MG 36 kt) 09/09/23 15:41 EST 0 Source: Buoy Wind gusts of up to 36 knots (41 MPH) were measured by the Pylons Dahlgren WeatherFlow sensor (XPYL). EHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 13.2 SE MID BAY BUOY [38.32, -76.23] 09/09/23 15:29 EST 0 Marine Thunderstorm Wind (MG 48 kt) 09/09/23 15:29 EST 0 Source: Mesonet A wind gust of 48 knots (55 MPH) was measured by a personal weather station at Tom Point (KMDFISHI2). EHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 2.6 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Source: Mesonet A wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). EHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 2.6 S MID BAY BUOY [38.44, -77.22] 09/09/23 15:50 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:50 EST 0 Source: Buoy	A wind gust of 41 knots (47 MPH) was measur	red by the Cobb Point WeatherFl	low sensor (XCOB).	
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09/09/23 15:29 EST 0 Marine Thunderstorm Wind (MG 48 kt) 09/09/23 15:29 EST 0 Source: Mesonet Wind gust of 48 knots (55 MPH) was measured by a personal weather station at Tom Point (KMDFISHI2). CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 2.6 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Marine Thunderstorm Wind (MG 35 kt) 09/09/23 15:36 EST 0 Source: Buoy A wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). CIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY OCCOQUAN RIVER (OCC) [38.64, -77.22] 09/09/23 15:50 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:50 EST 0 Source: Buoy	CHESAPEAKE BAY N BEACH TO DRUM PT	MD COUNTY 13.2 SE MID BA	Y BUOY [38.32, -7	6.23]	
A wind gust of 48 knots (55 MPH) was measured by a personal weather station at Tom Point (KMDFISHI2). CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 2.6 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Marine Thunderstorm Wind (MG 35 kt) 09/09/23 15:36 EST 0 Source: Buoy A wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). CIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY OCCOQUAN RIVER (OCC) [38.64, -77.22] 09/09/23 15:50 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:50 EST 0 Source: Buoy			- ,		Marine Thunderstorm Wind (MG 48 kt)
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 2.6 S MID BAY BUOY [38.43, -76.39] 09/09/23 15:36 EST 0 Marine Thunderstorm Wind (MG 35 kt) 09/09/23 15:36 EST 0 Source: Buoy A wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY OCCOQUAN RIVER (OCC) [38.64, -77.22] 09/09/23 15:50 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:50 EST 0 Source: Buoy		09/09/23 15:29 EST		0	Source: Mesonet
09/09/23 15:36 EST 0 Marine Thunderstorm Wind (MG 35 kt) 09/09/23 15:36 EST 0 Source: Buoy A wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY OCCOQUAN RIVER (OCC) [38.64, -77.22] 09/09/23 15:50 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:50 EST 0 Source: Buoy	A wind gust of 48 knots (55 MPH) was measur	red by a personal weather statior	n at Tom Point (KM	DFISHI2).	
09/09/23 15:36 EST 0 Source: Buoy A wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). FIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY OCCOQUAN RIVER (OCC) [38.64, -77.22] 09/09/23 15:50 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:50 EST 0 Source: Buoy	CHESAPEAKE BAY N BEACH TO DRUM PT	MD COUNTY 2.6 S MID BAY E	BUOY [38.43, -76.3	9]	
Wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2). **IDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY OCCOQUAN RIVER (OCC) [38.64, -77.22] 09/09/23 15:50 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:50 EST 0 Source: Buoy		09/09/23 15:36 EST		0	Marine Thunderstorm Wind (MG 35 kt)
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY OCCOQUAN RIVER (OCC) [38.64, -77.22] 09/09/23 15:50 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:50 EST 0 Source: Buoy		09/09/23 15:36 EST		0	Source: Buoy
09/09/23 15:50 EST 0 Marine Thunderstorm Wind (MG 41 kt) 09/09/23 15:50 EST 0 Source: Buoy	wind gust of 35 knots (40 MPH) was measur	red by the Cove Point NOS sense	or (COVM2).		
09/09/23 15:50 EST 0 Source: Buoy	TIDAL POTOMAC INDIAN HD TO COBB IS M	D COUNTY OCCOQUAN RIV	ER (OCC) [38.64,	77.22]	
		09/09/23 15:50 EST		0	Marine Thunderstorm Wind (MG 41 kt)
) wind quet of 41 knots (47 MDH) was measured by the Occording Diver Weather-Flow sones (VOCC)		09/09/23 15:50 EST		0	Source: Buoy
	A wind guet of 44 knots (47 MDLI)	rod by the Ossanian Diver W	horElow sozzzz W	000)	

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.2 WSW CHOPTANK RIVER (CHOP) [38.60, -76.26]

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510	orm Data and Unusua	ai weather P	nenomena -	- September 2023
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 16:05 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 16:10 EST		0	Source: Mesonet
A thunderstorm produced estimated wind gust	s to 34 knots (39 MPH) near a T	Tempest station on	Kim Drive adjacent	t to the tidal Choptank River.
CHOPTANK RIVER TO CAMBRIDGE MD ANI	THE LITTLE CHOPTANK RIVE	ER COUNTY 6.2	WSW CHOPTANK	K RIVER (CHOP) [38.60, -76.27]
	09/09/23 16:10 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	09/09/23 16:15 EST		0	Source: Mesonet
Wind gusts of up to 51 knots (59 MPH) were r	neasured by a Tempest station o	on Cook Point Road	d adjacent to the tic	dal Choptank River.
CHESAPEAKE BAY SANDY PT TO N BEACH		OINT MD (KPTM2)		
	09/09/23 16:19 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 16:19 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind g	just to 34 knots (39 MPH) near a	a personal weather	station at Tilghmar	n Island (KMDMARYL25).
TIDAL POTOMAC KEY BRIDGE TO INDIAN H	HD MD COUNTY 0.7 N WASH 09/09/23 16:29 EST	INGTON DC (WAS	D2) [38.88, -77.02]	
	09/09/23 16:29 EST 09/09/23 16:29 EST		0	Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
	09/09/23 10.29 EST		U	Source, Mesonet
A thunderstorm produced an estimated wind g (KDCWASHI502).	just to 34 knots (39 MPH) near a	a personal weather	station at Water B	ear Houseboat at The Wharf
CHESAPEAKE BAY SANDY PT TO N BEACH		NT (TPLM2) [38.90	-	Main Theodore World (A) COTIN
	09/09/23 16:32 EST 09/09/23 16:32 EST		0	Marine Thunderstorm Wind (MG 37 kt) Source: Buoy
A wind gust of 37 knots (43 MPH) was measu				
CHESAPEAKE BAY SANDY PT TO N BEACH	MD COUNTY KENT ISLAND 09/09/23 16:39 EST) (KNT) [38.92, -76.	36] 0	Marine Thunderstorm Wind (MG 34 kt)
	09/09/23 16:39 EST		0	Source: Buoy
A wind gust of 34 knots (39 MPH) was measu	red by the Kent Island WeatherF	Flow sensor (XKNT).	
CHESAPEAKE BAY SANDY PT TO N BEACH		DY POINT SOUTH (NRSPS) [38.99, -7	-
	09/09/23 16:44 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 16:44 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind g Bridge (MD065).	just to 34 knots (39 MPH) near a	a mesonet on the w	estbound span of t	the US-50/US-301 Chesapeake Bay
CHESAPEAKE BAY SANDY PT TO N BEACH		OY POINT SOUTH (, -	-
	09/09/23 16:44 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/09/23 16:49 EST		0	Source: Mesonet
Wind gusts of up to 35 knots (40 MPH) were r	neasured by a mesonet on the e	eastbound span of t	he US-50/US-301	Chesapeake Bay Bridge (MD066).
CHESAPEAKE BAY N OF POOLES IS MD CO		ORTH EAST MD (N	, . ,	-
	09/09/23 17:54 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	09/09/23 18:09 EST		0	Source: Mesonet
Nind gusts of up to 39 knots (45 MPH) were r	neasured by a personal weather	r station in Chesape	eake City (KMDCH	ESA71) adjacent to the Chesapeake Bay.
A cold front stalling over the Mid-Atlantic ig	nited several thunderstorms th	at produced gusty	winds over area v	waterways.
CHESAPEAKE BAY POOLES IS TO SANDY I		HOWARD (FRTM2		
	09/12/23 22:20 EST		0	Marine Thunderstorm Wind (MG 35 kt)

09/12/23 22:20 EST

A wind gust of 35 knots (40 MPH) was measured by a Tempest station on Todd Point Lane adjacent to the Chesapeake Bay.

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Source: Mesonet

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PATAPSCO RIVER INCLUDING BALTIMO	ORE HARBOR COUNTY 0.5 SSE O	RIOLE PARK AT	CAMDEN YARDS	(BLTPC) [39.27, -76.62]
	09/12/23 22:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 22:20 EST		0	Source: Mesonet
A thunderstorm produced an estimated w	ind gust to 34 knots (39 MPH) near a	Tempest station o	n Race Street adja	cent to the tidal Patapsco River.
PATAPSCO RIVER INCLUDING BALTIMO	DRE HARBOR COUNTY MARYLAN 09/12/23 22:35 EST	ND SCIENCE CEN	ITER (BLMRE) [39	.28, -76.61] Marine Thunderstorm Wind (MG 37 kt)
	09/12/23 22:35 EST		0	Source: Mesonet
wind gust of 37 knots (43 MPH) was me	easured by a mesonet at the Maryland	l Science Center (BLMRE) adjacent	to the tidal Patapsco River.
PATAPSCO RIVER INCLUDING BALTIMO	ORE HARROR COUNTY 1 0 SE HA	MPSTEAD HILL	ACADEMY (BI MHI	H) [39 28 _76 56]
AIAI 000 KIVEK IKOLODINO BALTIIK	09/12/23 22:45 EST	iiii otead iiiee	0	Marine Thunderstorm Wind (MG 40 kt)
	09/12/23 22:45 EST		0	Source: Mesonet
wind gust of 40 knots (46 MPH) was me	easured by a Tempest station on Soutl	h Eaton Street adj	acent to the tidal P	Patapsco River.
CHESAPEAKE BAY SANDY PT TO N BE	ACH MD COLINTY THOMAS DOIN	T (TDI M2) [38 90	-76 <i>44</i> 1	
MEGALEAKE BAL GARBIEL TO N BE	09/12/23 22:47 EST	. (11 EWIZ) [30.90	, -7 6.44] 0	Marine Thunderstorm Wind (MG 37 kt)
	09/12/23 22:47 EST		0	Source: Buoy
A wind gust of 37 knots (43 MPH) was me	easured by the Thomas Point NOS se	nsor (TPLM2).		·
DATA DOCO DIVED INCLUDING DALTIM	ODE HADDOD COUNTY 0.7 C DAI	TIMODE INNED I	IAPPOD (KDMH) I	20.27 76.641
ATAPSCO RIVER INCLUDING BALTIMO	09/12/23 22:48 EST	I IWORE INNER F	1 ARBOR (RDIVIH) [0	Marine Thunderstorm Wind (MG 38 kt)
	09/12/23 22:48 EST		0	Source: Mesonet
PATAPSCO RIVER INCLUDING BALTIMO	DRE HARBOR COUNTY 0.6 S BAL 09/12/23 22:50 EST	TIMORE INNER H	HARBOR (KDMH) [[39.27, -76.61] Marine Thunderstorm Wind (MG 40 kt)
	09/12/23 22:50 EST		0	Source: Mesonet
Vind gusts of up to 40 knots (46 MPH) w			•	tidal Patapsco River.
CHESAPEAKE BAY SANDY PT TO N BE	09/12/23 22:54 EST	(KNT) [38.92, -76.	36] 0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 22:54 EST		0	Source: Buoy
			-	•
A thunderstorm produced an estimated w	ind gust to 34 knots (39 MPH) near th	e Kent Island Wea	atherFlow sensor ()	XKNT).
CHESAPEAKE BAY SANDY PT TO N BE		INT MD (KPTM2)	= =	Marine Thursday (FC 2011)
	09/12/23 22:55 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 22:55 EST		0	Source: Mesonet
A thunderstorm produced an estimated w	ind gust to 34 knots (39 MPH) near a	Tempest station o	n Beach Side Drive	e adjacent to the Chesapeake Bay.
PATAPSCO RIVER INCLUDING BALTIMO		ALTIMORE FREE		
	09/12/23 22:55 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/12/23 22:55 EST		0	Source: Mesonet
A wind gust of 34 knots (39 MPH) was me	easured by a Tempest station on South	h Ann Street adjad	cent to the tidal Pat	tapsco River.
CHESAPEAKE BAY POOLES IS TO SAN	DY PT MD COUNTY 3.9 N FORT H	IOWARD (FRTM2) [39.26, -76.45]	
	09/12/23 23:00 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	09/12/23 23:00 EST		0	Source: Mesonet
A wind gust of 40 knots (46 MPH) was me	easured by a Tempest station on Todd	Point Lane adiac	ent to the Chesane	eake Bav.
- g	in the second of the seco	<u></u>		<i>3</i> .

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 1.1 W SENECA CREEK [39.30, -76.38]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/12/23 23:04 EST	-	0	Marine Thunderstorm Wind (MG 39 kt)
	09/12/23 23:09 EST		0	Source: Mesonet
Vind gusts of up to 39 knots (45 MPH) Chesapeake Bay.	were measured by a personal weather	station at Bowleys	Marina House (KM	IDMIDDL129) adjacent to the
CHESAPEAKE BAY POOLES IS TO S	ANDY PT MD COUNTY 1.6 W SENE	CA CREEK [39.30,	-76.39]	Marine Thunderstorm Wind (MG 39 kt)
	09/12/23 23:09 EST		0	Source: Mesonet
Wind gusts of up to 39 knots (45 MPH) Chesapeake Bay.) were measured by a personal weather	station at Bowleys		
CHESAPEAKE BAY SANDY PT TO N	BEACH MD COUNTY 1.4 ESE SAND 09/12/23 23:04 EST	Y POINT SOUTH (NRSPS) [38.99, -7	6.37] Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 23:04 EST		0	Source: Mesonet
	09/12/23 23:04 231		O	Course. Mesoriet
A thunderstorm produced an estimated Bridge (MD066).	l wind gust to 34 knots (39 MPH) near a	a mesonet on the e	astbound span of t	he US-50/US-301 Chesapeake Bay
EASTERN BAY COUNTY 3.5 S US-	50 (MD040) [38.92, -76.26] 09/12/23 23:05 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	09/12/23 23:10 EST		0	Source: Mesonet
Wind gusts of up to 45 knots (52 MPH)) were measured by a personal weather	station at Marling		T20) adjacent to Eastern Bay.
CHECADEAKE DAY DOO! EC IC TO C	ANDY PT MD COUNTY PATAPSCO I	BUOY (44043) [39.	15, -76.39]	
CHESAPEARE BAT POOLES IS TO S				
CHESAFEARE BAT FOOLES IS TO S	09/12/23 23:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 23:06 EST		0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
A thunderstorm produced an estimated	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the standard or the		0 S sensor (44043). 39.25, -76.37]	Source: Buoy
A thunderstorm produced an estimated	09/12/23 23:06 EST d wind gust to 34 knots (39 MPH) near the ANDY PT MD COUNTY HART MILLE 09/12/23 23:07 EST		0 S sensor (44043). 39.25, -76.37]	Source: Buoy Marine Thunderstorm Wind (EG 34 kt)
A thunderstorm produced an estimated	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the standard or the		0 S sensor (44043). 39.25, -76.37]	Source: Buoy
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated wi	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the standard distribution of the standard di	ER ISLAND (HRT)	0 S sensor (44043). 39.25, -76.37] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated wi	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the service of wind gust to 34 knots (39 MPH) near the service of t	ER ISLAND (HRT)	0 S sensor (44043). 39.25, -76.37] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT).
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated wi	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the series of the wind gust to 34 knots (39 MPH) near the series of the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 knots (39 MPH) near the wind gusts to 34 kno	ER ISLAND (HRT)	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF	Source: Buoy Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt)
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated wi	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the service of wind gust to 34 knots (39 MPH) near the service of t	ER ISLAND (HRT)	0 S sensor (44043). 39.25, -76.37] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT).
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated wi CHESTER RIVER TO QUEENSTOWN A thunderstorm produced an estimated	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the series of	ER ISLAND (HRT) Hart Miller Weathe (1) [38.97, -76.23]	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated with the company of the	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the operation of the country HART MILLE 09/12/23 23:07 EST 09/12/23 23:12 EST Indiguests to 34 knots (39 MPH) near the operation of the country 1.0 ENE US-50 (MD040 09/12/23 23:09 EST 09/12/23 23:09 EST 09/12/23 23:09 EST operation of the country and Eastern Bay.	ER ISLAND (HRT) Hart Miller Weathe (1) [38.97, -76.23]	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ke	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated with the company of the c	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the state of the wind gust to 34 knots (39 MPH) near the state of the wind gusts to 34 knots (39 MPH) near the state of the wind gusts to 34 knots (39 MPH) near the state of the wind gust to 34 knots (39 MPH) near a constant of the wind gust to 34 knots (39 M	ER ISLAND (HRT) Hart Miller Weathe (1) [38.97, -76.23]	0 8 sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ke	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville Marine Thunderstorm Wind (MG 38 kt)
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated with the company of the	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the operation of the country HART MILLE 09/12/23 23:07 EST 09/12/23 23:12 EST Indiguests to 34 knots (39 MPH) near the operation of the country 1.0 ENE US-50 (MD040 09/12/23 23:09 EST 09/12/23 23:09 EST 09/12/23 23:09 EST operation of the country and Eastern Bay.	ER ISLAND (HRT) Hart Miller Weathe (1) [38.97, -76.23]	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ke	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville
A thunderstorm produced an estimated of CHESAPEAKE BAY POOLES IS TO SET OF A thunderstorm produced estimated with the company of the company	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the state of the wind gust to 34 knots (39 MPH) near the state of the wind gusts to 34 knots (39 MPH) near the state of the wind gusts to 34 knots (39 MPH) near the state of the wind gust to 34 knots (39 MPH) near a constant of the wind gust to 34 knots (39 M	Hart Miller Weather 10) [38.97, -76.23] 12 personal weather	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ke	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville Marine Thunderstorm Wind (MG 38 kt) Source: Mesonet
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated with the company of the	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the op/12/23 23:07 EST 09/12/23 23:12 EST and gusts to 34 knots (39 MPH) near the op/12/23 23:12 EST and gusts to 34 knots (39 MPH) near the op/12/23 23:09 EST 09/12/23 23:09 EST all wind gust to 34 knots (39 MPH) near a chester River and Eastern Bay. 50 (MD040) [38.87, -76.24] 09/12/23 23:15 EST 09/12/23 23:15 EST b) were measured by a mesonet at Piney 1-50 (MD040) [38.81, -76.21]	Hart Miller Weather 10) [38.97, -76.23] 12 personal weather	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ko	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville Marine Thunderstorm Wind (MG 38 kt) Source: Mesonet ent to Eastern Bay.
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated with the company of the	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the op/12/23 23:07 EST 09/12/23 23:12 EST and gusts to 34 knots (39 MPH) near the op/12/23 23:12 EST and gusts to 34 knots (39 MPH) near the op/12/23 23:09 EST 09/12/23 23:09 EST 09/12/23 23:09 EST If wind gust to 34 knots (39 MPH) near a chester River and Eastern Bay. 50 (MD040) [38.87, -76.24] 09/12/23 23:15 EST If were measured by a mesonet at Piney op/12/23 23:15 EST	Hart Miller Weather 10) [38.97, -76.23] 12 personal weather	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ko 0 0 e (EW5728) adjace	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville Marine Thunderstorm Wind (MG 38 kt) Source: Mesonet ent to Eastern Bay. Marine Thunderstorm Wind (EG 34 kt)
A thunderstorm produced an estimated CHESAPEAKE BAY POOLES IS TO S A thunderstorm produced estimated with the company of the	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the op/12/23 23:07 EST 09/12/23 23:12 EST and gusts to 34 knots (39 MPH) near the op/12/23 23:12 EST and gusts to 34 knots (39 MPH) near the op/12/23 23:09 EST 09/12/23 23:09 EST all wind gust to 34 knots (39 MPH) near a chester River and Eastern Bay. 50 (MD040) [38.87, -76.24] 09/12/23 23:15 EST 09/12/23 23:15 EST b) were measured by a mesonet at Piney 1-50 (MD040) [38.81, -76.21]	Hart Miller Weather 10) [38.97, -76.23] 12 personal weather	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ko	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville Marine Thunderstorm Wind (MG 38 kt) Source: Mesonet ent to Eastern Bay.
A thunderstorm produced an estimated of CHESAPEAKE BAY POOLES IS TO SET OF A thunderstorm produced estimated with the CHESTER RIVER TO QUEENSTOWN A thunderstorm produced an estimated (KMDGRASO34) adjacent to the tidal of CHESTERN BAY COUNTY 7.3 S US-	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the op/12/23 23:07 EST 09/12/23 23:12 EST and gusts to 34 knots (39 MPH) near the op/12/23 23:12 EST and gusts to 34 knots (39 MPH) near the op/12/23 23:09 EST 09/12/23 23:09 EST 09/12/23 23:09 EST If wind gust to 34 knots (39 MPH) near a chester River and Eastern Bay. 50 (MD040) [38.87, -76.24] 09/12/23 23:15 EST If were measured by a mesonet at Piney op/12/23 23:15 EST	Hart Miller Weather 10) [38.97, -76.23] 12 a personal weather	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ke	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville Marine Thunderstorm Wind (MG 38 kt) Source: Mesonet ent to Eastern Bay. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
A thunderstorm produced an estimated of CHESAPEAKE BAY POOLES IS TO SET OF A thunderstorm produced estimated with the CHESTER RIVER TO QUEENSTOWN A thunderstorm produced an estimated (KMDGRASO34) adjacent to the tidal of CHESTERN BAY COUNTY 7.3 S US-	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the divided gust to 34 knots (39 MPH) near the 19/12/23 23:07 EST 19/12/23 23:12 EST Indigusts to 34 knots (39 MPH) near the 19/12/23 23:09 EST 19/12/23 23:09 EST 19/12/23 23:09 EST 19/12/23 23:09 EST 19/12/23 23:10 EST 19/12/23 23:15 EST	Hart Miller Weather 10) [38.97, -76.23] 12 a personal weather	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ko 0 0 er (EW5728) adjace	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville Marine Thunderstorm Wind (MG 38 kt) Source: Mesonet ent to Eastern Bay. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent to Eastern Bay.
A thunderstorm produced an estimated of CHESAPEAKE BAY POOLES IS TO SET IN A thunderstorm produced estimated with CHESTER RIVER TO QUEENSTOWN A thunderstorm produced an estimated (KMDGRASO34) adjacent to the tidal of EASTERN BAY COUNTY 7.3 S US- Wind gusts of up to 38 knots (44 MPH) EASTERN BAY COUNTY 11.1 S USEASTERN BAY COUNTY 11.1	09/12/23 23:06 EST If wind gust to 34 knots (39 MPH) near the divided gust to 34 knots (39 MPH) near the 19/12/23 23:07 EST 19/12/23 23:12 EST Indigusts to 34 knots (39 MPH) near the 19/12/23 23:09 EST 19/12/23 23:09 EST 19/12/23 23:09 EST 19/12/23 23:09 EST 19/12/23 23:10 EST 19/12/23 23:15 EST	Hart Miller Weather 10) [38.97, -76.23] 12 a personal weather	0 S sensor (44043). 39.25, -76.37] 0 0 erFlow sensor (XHF) 0 0 station between Ke	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy RT). Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet ent Narrows and Grasonville Marine Thunderstorm Wind (MG 38 kt) Source: Mesonet ent to Eastern Bay. Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY N OF POOLES	IS MD COUNTY 3.5 SSW NORTH BAY	BUOY (NB) [39.33	•	
	09/12/23 23:35 EST		0	Marine Thunderstorm Wind (MG 50 kt)
	09/12/23 23:35 EST		0	Source: Mesonet
wind gust of 50 knots (58 MPH) wa	as measured by a Tempest station on India	an Field Court adja	cent to the Chesap	peake Bay.
CHESTER RIVER TO QUEENSTOW	N MD COUNTY 1.6 SSW ROCK HALL	ES (RKHAL) [39.1	2, -76.25]	
	09/12/23 23:40 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/12/23 23:40 EST		0	Source: Mesonet
wind gust of 35 knots (40 MPH) wa	as measured by a Tempest station at Hunti	ingfield Point.		
:HESAPEAKE BAY N OF POOLES	IS MD COUNTY GROVE POINT (GVP)	[39.40, -76.04]		
	09/12/23 23:44 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/12/23 23:44 EST		0	Source: Buoy
STRICT OF COLUMBIA				
DISTRICT OF COLUMBIA COUNTY	1.6 ENE BENNING [38.89, -76.92]			
STRICT OF COLUMBIA COUNTY	1.6 ENE BENNING [38.89, -76.92] 09/09/23 13:45 EST		12K	Thunderstorm Wind (EG 52 kt)
ISTRICT OF COLUMBIA COUNTY	• • •		12K 0	Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
About a dozen trees were blown dow 4200 block of Brooke Street Northea Place Northeast, near the intersectio 4800 block of Eads Street Northeast, the 100 block of 35th Street Southea	09/09/23 13:45 EST 09/09/23 13:45 EST which in the eastern area of Washington DC, st, in the 2700 block of Fort Baker Drive Sound of Independence Avenue Southeast and in the 3300 block of Blaine Street Northeast, and in the 600 block of Southern Avenue.	outheast, in the 16 I 9th Street South ast, near the inters ue Southeast.	0 Street Southeast at 500 block of 23rd S east, in the 5300 bl section of Fendall S	Source: Emergency Manager Alabama Avenue Southeast, in the treet Southeast, in the 900 block of 48th ock of Clay Terrace Northeast, in the treet Northeast and U Street Northeast, in
About a dozen trees were blown dow 4200 block of Brooke Street Northea: Place Northeast, near the intersectio 4800 block of Eads Street Northeast, he 100 block of 35th Street Southea	09/09/23 13:45 EST 09/09/23 13:45 EST vn in the eastern area of Washington DC, st, in the 2700 block of Fort Baker Drive S on of Independence Avenue Southeast and, in the 3300 block of Blaine Street Norther	outheast, in the 16 I 9th Street South ast, near the inters ue Southeast.	0 Street Southeast at 500 block of 23rd S east, in the 5300 bl section of Fendall S	Source: Emergency Manager Alabama Avenue Southeast, in the treet Southeast, in the 900 block of 48th ock of Clay Terrace Northeast, in the treet Northeast and U Street Northeast, in
About a dozen trees were blown down the street Northeast place Northeast, near the intersection the second	09/09/23 13:45 EST 09/09/23 13:45 EST vn in the eastern area of Washington DC, st, in the 2700 block of Fort Baker Drive S on of Independence Avenue Southeast and in the 3300 block of Blaine Street Northeast, and in the 600 block of Southern Avenutantic ignited several severe thundersto 1.4 SSW ANACOSTIA [38.85, -76.98], 65W ANACOSTIA [38.86, -76.97]	outheast, in the 16 I 9th Street South ast, near the inters ue Southeast.	0 Street Southeast at 500 block of 23rd Seast, in the 5300 blockction of Fendall Seating Indicative demands Incomplete the seat of the sea	Source: Emergency Manager Alabama Avenue Southeast, in the treet Southeast, in the 900 block of 48th ock of Clay Terrace Northeast, in the treet Northeast and U Street Northeast, in wind damage.
pout a dozen trees were blown dow 00 block of Brooke Street Northeas ace Northeast, near the intersectio 00 block of Eads Street Northeast, e 100 block of 35th Street Southea cold front stalling over the Mid-At	09/09/23 13:45 EST 09/09/23 13:45 EST vn in the eastern area of Washington DC, st, in the 2700 block of Fort Baker Drive S in of Independence Avenue Southeast and, in the 3300 block of Blaine Street Northeast, and in the 600 block of Southern Avenutlantic ignited several severe thundersto 1.4 SSW ANACOSTIA [38.85, -76.98], 48W ANACOSTIA [38.86, -76.97] 09/09/23 14:00 EST	outheast, in the 16 I 9th Street South ast, near the inters ue Southeast.	0 Street Southeast at 600 block of 23rd Seast, in the 5300 blockction of Fendall Section of Fendall Seast demainly localized ARBORETUM [38	Source: Emergency Manager Alabama Avenue Southeast, in the treet Southeast, in the 900 block of 48th ock of Clay Terrace Northeast, in the treet Northeast and U Street Northeast, in wind damage. 90, -76.99], 1.4 SW NATIONAL Flash Flood (due to Heavy Rain)
bout a dozen trees were blown dow 200 block of Brooke Street Northeas lace Northeast, near the intersectio 800 block of Eads Street Northeast, ne 100 block of 35th Street Southea cold front stalling over the Mid-At	09/09/23 13:45 EST 09/09/23 13:45 EST vn in the eastern area of Washington DC, st, in the 2700 block of Fort Baker Drive S on of Independence Avenue Southeast and in the 3300 block of Blaine Street Northeast, and in the 600 block of Southern Avenutantic ignited several severe thundersto 1.4 SSW ANACOSTIA [38.85, -76.98], 65W ANACOSTIA [38.86, -76.97]	outheast, in the 16 I 9th Street South ast, near the inters ue Southeast.	0 Street Southeast at 500 block of 23rd Seast, in the 5300 blockction of Fendall Seating Indicative demands Incomplete the seat of the sea	Source: Emergency Manager Alabama Avenue Southeast, in the treet Southeast, in the 900 block of 48th ock of Clay Terrace Northeast, in the treet Northeast and U Street Northeast, in wind damage.
About a dozen trees were blown down 4200 block of Brooke Street Northeast Place Northeast, near the intersection 4800 block of Eads Street Northeast, the 100 block of 35th Street Southea A cold front stalling over the Mid-Ard DISTRICT OF COLUMBIA COUNTY ARBORETUM [38.90, -76.98], 0.7 SS	09/09/23 13:45 EST 09/09/23 13:45 EST vn in the eastern area of Washington DC, st, in the 2700 block of Fort Baker Drive S in of Independence Avenue Southeast and, in the 3300 block of Blaine Street Northeast, and in the 600 block of Southern Avenutlantic ignited several severe thundersto 1.4 SSW ANACOSTIA [38.85, -76.98], 48W ANACOSTIA [38.86, -76.97] 09/09/23 14:00 EST	outheast, in the 16 I 9th Street South ast, near the inters ue Southeast. rms that produce 1.7 SW NATIONAL Road Southeast a	0 Street Southeast at 600 block of 23rd Seast, in the 5300 block of Fendall Section of Fendal Section of Fen	Source: Emergency Manager Alabama Avenue Southeast, in the treet Southeast, in the 900 block of 48th ock of Clay Terrace Northeast, in the treet Northeast and U Street Northeast, in wind damage. 90, -76.99], 1.4 SW NATIONAL Flash Flood (due to Heavy Rain) Source: 911 Call Center
About a dozen trees were blown down 200 block of Brooke Street Northeast Place Northeast, near the intersection 800 block of Eads Street Northeast, ne 100 block of 35th Street Southeast A cold front stalling over the Mid-Aid DISTRICT OF COLUMBIA COUNTY ARBORETUM [38.90, -76.98], 0.7 SS Geveral roads were blocked by a few Northeast. C Street Southeast and K	09/09/23 13:45 EST 09/09/23 13:45 EST vn in the eastern area of Washington DC, st, in the 2700 block of Fort Baker Drive S in of Independence Avenue Southeast and, in the 3300 block of Blaine Street Northeast, and in the 600 block of Southern Avenitantic ignited several severe thundersto 1.4 SSW ANACOSTIA [38.85, -76.98], 45W ANACOSTIA [38.86, -76.97] 09/09/23 14:00 EST 09/09/23 16:00 EST	outheast, in the 16 I 9th Street South- ast, near the inters ue Southeast. rms that produce 1.7 SW NATIONAL Road Southeast a ked by high water	0 Street Southeast at 600 block of 23rd Seast, in the 5300 blockof Fendall Section of Fendal Section of Fend	Source: Emergency Manager Alabama Avenue Southeast, in the treet Southeast, in the 900 block of 48th ock of Clay Terrace Northeast, in the treet Northeast and U Street Northeast, in wind damage. 90, -76.99], 1.4 SW NATIONAL Flash Flood (due to Heavy Rain) Source: 911 Call Center ay, 11th Street Northeast and K Street
about a dozen trees were blown down 200 block of Brooke Street Northeast Place Northeast, near the intersection 800 block of Eads Street Northeast, ne 100 block of 35th Street Southeast Cold front stalling over the Mid-Aid DISTRICT OF COLUMBIA COUNTY ARBORETUM [38.90, -76.98], 0.7 SS Geveral roads were blocked by a few dortheast. C Street Southeast and K	09/09/23 13:45 EST 09/09/23 13:45 EST 09/09/23 13:45 EST In in the eastern area of Washington DC, st, in the 2700 block of Fort Baker Drive S on of Independence Avenue Southeast and, in the 3300 block of Blaine Street Northerst, and in the 600 block of Southern Avenuation in the 600 b	outheast, in the 16 I 9th Street South- ast, near the inters ue Southeast. rms that produce 1.7 SW NATIONAL Road Southeast a ked by high water	0 Street Southeast at 600 block of 23rd Seast, in the 5300 blockof Fendall Section of Fendal Section of Fend	Source: Emergency Manager Alabama Avenue Southeast, in the treet Southeast, in the 900 block of 48th ock of Clay Terrace Northeast, in the treet Northeast and U Street Northeast, in wind damage. 90, -76.99], 1.4 SW NATIONAL Flash Flood (due to Heavy Rain) Source: 911 Call Center ay, 11th Street Northeast and K Street

Tropical Storm Ophelia caused moderate coastal flooding along the Potomac River on Sep 24th.

09/24/23 01:42 EST

09/24/23 04:24 EST

MARYLAND, Central

ALLEGANY COUNTY --- KEIFER [39.53, -78.47]

09/07/23 10:54 EST Hail (1.00 in) 0

09/07/23 10:54 EST 0 Source: Social Media

0

0

Hail of up to quarter size was reported near Paw Paw.

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Coastal Flood

Event Type and Details
hunderstorm Wind (EG 56 kt)
Source: Department of Highways
orthbound I-81 near I-70 Dwight D.
hunderstorm Wind (EG 61 kt)
Source: 911 Call Center
_
Hail (1.00 in)
Source: Trained Spotter
Waters Road in Williamsport. The is trees and several poles blew
hunderstorm Wind (MG 65 kt)
Source: Trained Spotter
Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
_
hunderstorm Wind (EG 52 kt)
Source: Broadcast Media
hunderstorm Wind (EG 52 kt)
Source: Department of Highways
Hail (1.50 in)
Source: Social Media
hunderstorm Wind (EG 52 kt)
Source: Broadcast Media

FREDERICK COUNTY --- 1.2 SE ADAMSTOWN [39.31, -77.46]

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Injuries Crop Dmg 09/07/23 13:42 EST 0 Hail (1.00 or 1.00 or 1.0	pe and Details
09/07/23 13:42 EST 0 Source 1	0 in)
	NWS Employee
Quarter size hail was reported southwest of Buckeystown.	
REDERICK COUNTY 1.9 SE BRADDOCK HGTS [39.41, -77.47]	
	storm Wind (EG 52 kt)
09/07/23 13:45 EST 0 Source: S	911 Call Center
rees blew down in central Frederick County, including near Frederick, Braddock Heights, Ballenger Creek, and Middletown.	
REDERICK COUNTY 0.4 WSW CERESVILLE [39.45, -77.38]	
09/07/23 13:59 EST 3K Thunders	storm Wind (EG 52 kt)
09/07/23 13:59 EST 0 Source: 7	Trained Spotter
fultiple trees blew down on Wheyfield Drive.	
REDERICK COUNTY 0.3 E TROUTVILLE [39.55, -77.34]	
09/07/23 14:00 EST 5K Thunders	storm Wind (EG 52 kt)
09/07/23 14:00 EST 0 Source: 9	911 Call Center
rees blew down in northeastern Frederick County, including near Woodsboro, Lewistown, and Keymar.	
ARROLL COUNTY 0.4 SW WINFIELD [39.45, -77.06]	
	storm Wind (EG 52 kt)
09/07/23 14:12 EST 0 Source: 9	911 Call Center
rees blew down along Woodbine Road and White Rock Road.	
CARROLL COUNTY 1.0 SW MANCHESTER [39.66, -76.89]	
	storm Wind (EG 52 kt)
09/07/23 14:25 EST 0 Source: 0	County Official
Carroll County Public Schools had delayed dismissal due to roads closed from fallen trees and wires.	
CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80]	· · ·
09/07/23 14:33 EST 0 Hail (1.00	,
09/07/23 14:33 EST 0 Source: 0	COOP Observer
05/01/25 17.55 E01 0 Soulce. (
wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80]	
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Thunders	storm Wind (EG 50 kt)
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Thunders 09/07/23 14:33 EST 0 Source: 0	storm Wind (EG 50 kt) COOP Observer
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Thunders 09/07/23 14:33 EST 0 Source: 0	,
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Thunders 09/07/23 14:33 EST 0 Source: 0 A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers.	COOP Observer
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Thunders 09/07/23 14:33 EST 0 Source: 0 A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 0.8 SW ROLAND PARK [39.36, -76.66] 09/07/23 15:15 EST 0 Hail (1.50)	COOP Observer 0 in)
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Source: 0 A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. BALTIMORE CITY (C) COUNTY 0.8 SW ROLAND PARK [39.36, -76.66] 09/07/23 15:15 EST 0 Hail (1.50 09/07/23 15:15 EST 0 Source: E	COOP Observer
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Source: 0 4 wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CALTIMORE CITY (C) COUNTY 0.8 SW ROLAND PARK [39.36, -76.66] 09/07/23 15:15 EST 0 Hail (1.50 09/07/23 15:15 EST 0 Source: E	COOP Observer 0 in)
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Thunders 09/07/23 14:33 EST 0 Source: 0 A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. BALTIMORE CITY (C) COUNTY 0.8 SW ROLAND PARK [39.36, -76.66] 09/07/23 15:15 EST 0 Hail (1.50 09/07/23 15:15 EST 0 Source: Entail of up to ping pong ball size was reported in the Mount Washington area of Baltimore City.	COOP Observer 0 in) Broadcast Media
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Thunders 09/07/23 14:33 EST 0 Source: 0 A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. BALTIMORE CITY (C) COUNTY 0.8 SW ROLAND PARK [39.36, -76.66] 09/07/23 15:15 EST 0 Hail (1.50 09/07/23 15:15 EST 0 Source: 6 Hail of up to ping pong ball size was reported in the Mount Washington area of Baltimore City. BALTIMORE COUNTY 1.0 N STONELEIGH [39.38, -76.62] 09/07/23 15:30 EST 0 Hail (1.00	COOP Observer 0 in) Broadcast Media 0 in)
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Source: 0 A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. BALTIMORE CITY (C) COUNTY 0.8 SW ROLAND PARK [39.36, -76.66] 09/07/23 15:15 EST 0 Hail (1.50 09/07/23 15:15 EST 0 Source: 6 Hail of up to ping pong ball size was reported in the Mount Washington area of Baltimore City. BALTIMORE COUNTY 1.0 N STONELEIGH [39.38, -76.62] 09/07/23 15:30 EST 0 Hail (1.00 09/07/23 15:30 EST 0 Source: 7	COOP Observer 0 in) Broadcast Media
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Thunders 09/07/23 14:33 EST 0 Source: 0 A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. BALTIMORE CITY (C) COUNTY 0.8 SW ROLAND PARK [39.36, -76.66] 09/07/23 15:15 EST 0 Hail (1.50 09/07/23 15:15 EST 0 Source: E Hail of up to ping pong ball size was reported in the Mount Washington area of Baltimore City. BALTIMORE COUNTY 1.0 N STONELEIGH [39.38, -76.62] 09/07/23 15:30 EST 0 Hail (1.00 09/07/23 15:30 EST 0 Source: 1	COOP Observer 0 in) Broadcast Media 0 in)
A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. CARROLL COUNTY 1.5 E GUNPOWDER [39.72, -76.80] 09/07/23 14:33 EST 0 Source: 0 A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers. BALTIMORE CITY (C) COUNTY 0.8 SW ROLAND PARK [39.36, -76.66] 09/07/23 15:15 EST 0 Hail (1.50 09/07/23 15:15 EST 0 Source: E Hail of up to ping pong ball size was reported in the Mount Washington area of Baltimore City. BALTIMORE COUNTY 1.0 N STONELEIGH [39.38, -76.62] 09/07/23 15:30 EST 0 Source: 1	COOP Observer 0 in) Broadcast Media 0 in)

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
rees blew down around White Hall and Norri	isville, including in the 4500 block	of Amos Road.		
HARFORD COUNTY 0.4 SSW COOPSTOV	VN [39.57, -76.42]			
	09/07/23 16:15 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 16:15 EST		0	Source: 911 Call Center
rees blew down between Bynum and Bel Air	, including near the intersection c	of High Point Road	and MD-23 East-V	Vest Highway.
MONTGOMERY COUNTY 0.3 SSW KENSI	NGTON ESTATES [39.03, -77.07]]		
	09/07/23 16:30 EST		0	Hail (1.00 in)
	09/07/23 16:30 EST		0	Source: Broadcast Media
Quarter size hail was reported in Kensington.				
IONTGOMERY COUNTY 0.5 NNW KENSI	INGTON ESTATES [39.0477.07	7		
	09/07/23 16:30 EST	•	3K	Thunderstorm Wind (EG 60 kt)
	09/07/23 16:30 EST		0	Source: Emergency Manager
rees and power lines blew down in the 3800				· , · ·
·				
MONTGOMERY COUNTY 0.6 NNW WHEA			214	Thursdaystown Wild L/EQ 50 LO
	09/07/23 16:34 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 16:34 EST		0	Source: Emergency Manager
rees and power lines blew down in the 2600	block of Newton Street.			
ARROLL COUNTY 1.2 NE MAYBERRY [3	39.64, -77.08]			
	09/07/23 16:47 EST		0	Hail (1.00 in)
	09/07/23 16:47 EST		0	Source: Trained Spotter
Dime to quarter size hail was observed by a s	spotter in the 2400 block of Cross	Section Road.		
HARFORD COUNTY 3.9 ENE NORRISVILI	· · ·			
	09/07/23 18:00 EST		0	Hail (1.00 in)
	09/07/23 18:00 EST		0	Source: Public
rees and branches blew down and nickel to	quarter size hail was observed at	t Fawn View Farm	on Onion Road in l	Pylesville.
IARFORD COUNTY 3.9 ENE NORRISVILI	LE [39.72, -76.46]			
	09/07/23 18:00 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 18:00 EST		0	Source: Public
rees and branches blew down and nickel to	quarter size hail was observed at	t Fawn View Farm	on Onion Road in l	Pylesville.
ST. MARY'S COUNTY 1.0 SE DRUMCLIFF	· [38.39, -76.57]			
	09/07/23 18:22 EST		0	Hail (1.00 in)
	09/07/23 18:22 EST		0	Source: Trained Spotter
Quarter size hail was observed by trained spo	otters in the 43500 block of Drum	Cliff Road near the	e tidal Patuxent Riv	ver.
NNE ARUNDEL COUNTY 0.8 N ROBINS	ON [39.08, -76.57]			
	09/08/23 03:23 EST		5K	Thunderstorm Wind (EG 60 kt)
	09/08/23 03:23 EST		0	Source: Fire Department/Rescue
Multiple trees blew down in the Severna Park	area.			
Numerous showers and thunderstorms dev storms turned severe, producing both dama	- · ·	=	days of late seaso	n heat. Several of these
BALTIMORE COUNTY 0.7 NE OREGON [3	=			
	09/08/23 18:29 EST		3K	Thunderstorm Wind (EG 52 kt)
	00/08/23 18:20 EST		•	Source: 011 Call Center

09/08/23 18:29 EST

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Source: 911 Call Center

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
There were multiple reports of trees blown d	lown northwest of Cockeysville tow	vard Butler.		
HOWARD COUNTY 0.8 W WEST FRIEND				
	09/08/23 18:33 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/08/23 18:33 EST		0	Source: 911 Call Center
Multiple trees blew down on MD-144 Freder	ick Road and Fairgrounds Road.			
HOWARD COUNTY 0.6 ENE MAYFIELD	[39.30, -76.92]			
	09/08/23 18:35 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 18:35 EST		0	Source: Department of Highways
rees blew down on eastbound I-70 Baltimo	ore National Pike between mile ma	rkers 82.0 and 83.0).	
IOWARD COUNTY 0.2 NW WEST FRIEN	NDSHIP [39.30, -76.95]			
	09/08/23 18:42 EST		0	Hail (1.00 in)
	09/08/23 18:42 EST		0	Source: 911 Call Center
here were multiple reports of large hail aro	und quarter size in West Friendsh	ip.		
BALTIMORE COUNTY 1.4 S HARRISON	VILLE [39.36, -76.83]			
	09/08/23 18:54 EST		0	Thunderstorm Wind (MG 59 kt)
	09/08/23 18:54 EST		0	Source: Mesonet
A wind gust of 59 knots (68 MPH) was meas	sured by a personal weather statio	n near Randallstow	n (KMDWOODS	5).
BALTIMORE COUNTY 0.6 NW HOWARD				
BALTIMORE COUNTY 0.6 NW HOWARD	09/08/23 18:57 EST		10K	Thunderstorm Wind (EG 56 kt)
BALTIMORE COUNTY 0.6 NW HOWARD			10K 0	Thunderstorm Wind (EG 56 kt) Source: Department of Highways
BALTIMORE COUNTY 0.6 NW HOWARD Numerous trees blew down blocking MD-14	09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh	olme Avenue.		·
	09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh	olme Avenue.	0	Source: Department of Highways
Numerous trees blew down blocking MD-14	09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh	olme Avenue.		·
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches	09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST		0.15M 0	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches l Woodlawn.	09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W		0.15M 0	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center roof caved in on the north side of
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches l Voodlawn.	09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W		0.15M 0	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches l Woodlawn.	09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W		0.15M 0 podlawn area. A i	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center roof caved in on the north side of
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches l Woodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W		0.15M 0 coodlawn area. A n	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center roof caved in on the north side of Hail (1.00 in)
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches l Woodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN Quarter size hail was reported in Cockeysvil	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST		0.15M 0 coodlawn area. A n	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center roof caved in on the north side of Hail (1.00 in)
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches by Voodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN Quarter size hail was reported in Cockeysvil	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST		0.15M 0 coodlawn area. A n	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center roof caved in on the north side of Hail (1.00 in)
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches by Voodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN Quarter size hail was reported in Cockeysvil	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST		0.15M 0 coodlawn area. A r	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center roof caved in on the north side of Hail (1.00 in) Source: Trained Spotter
Jumerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches by Voodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN Quarter size hail was reported in Cockeysvil	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST	indsor Mill, and W	0.15M 0 podlawn area. A I 0 0	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center roof caved in on the north side of Hail (1.00 in) Source: Trained Spotter Thunderstorm Wind (EG 52 kt)
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches of Noodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN Quarter size hail was reported in Cockeysvil HARFORD COUNTY 3.1 NE MADONNA	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST 18e. [39.66, -76.49] 09/08/23 19:26 EST 09/08/23 19:26 EST adonna Road and Mount Horeb Ro	indsor Mill, and W	0.15M 0 podlawn area. A I 0 0	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center roof caved in on the north side of Hail (1.00 in) Source: Trained Spotter Thunderstorm Wind (EG 52 kt)
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches of Noodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN Quarter size hail was reported in Cockeysvil HARFORD COUNTY 3.1 NE MADONNA	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST lle. [39.66, -76.49] 09/08/23 19:26 EST 09/08/23 19:26 EST adonna Road and Mount Horeb Ro	indsor Mill, and W	0.15M 0 coodlawn area. A r	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center Toof caved in on the north side of Hail (1.00 in) Source: Trained Spotter Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches of Noodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN Quarter size hail was reported in Cockeysvil HARFORD COUNTY 3.1 NE MADONNA	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST 18e. [39.66, -76.49] 09/08/23 19:26 EST 09/08/23 19:26 EST adonna Road and Mount Horeb Ro	indsor Mill, and W	0.15M 0 podlawn area. A I 0 0	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center roof caved in on the north side of Hail (1.00 in) Source: Trained Spotter Thunderstorm Wind (EG 52 kt)
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches in Woodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN Quarter size hail was reported in Cockeysvil HARFORD COUNTY 3.1 NE MADONNA	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST lle. [39.66, -76.49] 09/08/23 19:26 EST 09/08/23 19:26 EST adonna Road and Mount Horeb Ro LE [39.72, -76.39] 09/08/23 19:30 EST 09/08/23 19:30 EST	findsor Mill, and Wo	0 0.15M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center Toof caved in on the north side of Hail (1.00 in) Source: Trained Spotter Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches of large branches o	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST Ille. [39.66, -76.49] 09/08/23 19:26 EST 09/08/23 19:26 EST 09/08/23 19:36 EST adonna Road and Mount Horeb Ro LE [39.72, -76.39] 09/08/23 19:30 EST 09/08/23 19:30 EST ction of MD-624 Graceton Road a	findsor Mill, and Wo	0 0.15M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center Toof caved in on the north side of Hail (1.00 in) Source: Trained Spotter Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
Numerous trees blew down blocking MD-14 BALTIMORE COUNTY 0.2 NW RANDALI Dozens of trees, wires, and large branches of Noodlawn. BALTIMORE COUNTY 1.0 SSW ASHLAN Quarter size hail was reported in Cockeysvil HARFORD COUNTY 3.1 NE MADONNA Trees blew down near the intersection of Matharford COUNTY 1.7 NW PYLESVILL Trees and wires blew down near the intersection of Matharford COUNTY 1.7 NW PYLESVILL	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST Ille. [39.66, -76.49] 09/08/23 19:26 EST 09/08/23 19:26 EST 09/08/23 19:36 EST adonna Road and Mount Horeb Ro LE [39.72, -76.39] 09/08/23 19:30 EST 09/08/23 19:30 EST ction of MD-624 Graceton Road a	findsor Mill, and Wo	0 0.15M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center Toof caved in on the north side of Hail (1.00 in) Source: Trained Spotter Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
Numerous trees blew down blocking MD-14	09/08/23 18:57 EST 09/08/23 18:57 EST 09/08/23 18:57 EST 0 Reisterstown Road near Woodh LSTOWN [39.37, -76.80] 09/08/23 19:00 EST 09/08/23 19:00 EST blew down in the Randallstown, W ND [39.49, -76.63] 09/08/23 19:09 EST 09/08/23 19:09 EST Ille. [39.66, -76.49] 09/08/23 19:26 EST 09/08/23 19:26 EST adonna Road and Mount Horeb Ro LE [39.72, -76.39] 09/08/23 19:30 EST 09/08/23 19:30 EST ction of MD-624 Graceton Road a	findsor Mill, and Wo	0.15M 0 podlawn area. A r 0 0 0 3K 0 ord Road.	Source: Department of Highways Thunderstorm Wind (EG 61 kt) Source: 911 Call Center Toof caved in on the north side of Hail (1.00 in) Source: Trained Spotter Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Department of Highways

Trees blew down near the intersection of Ridge Road and MD-136 Whiteford Road.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HARFORD COUNTY 2.9 ESE NORRI				
	09/08/23 19:49 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 19:49 EST		0	Source: 911 Call Center
rees blew down in the 4000 block of M	ellow Road.			
ECIL COUNTY 0.5 E ELKTON [39.6	0, - 75.82] 09/08/23 20:49 EST		10K	Thunderstorm Wind (EG 56 kt)
	09/08/23 20:49 EST		0	Source: 911 Call Center
here were several roads that had trees	blown down onto them north of Elkton	. There were near	y a dozen calls for	trees blown down in this area.
An approaching cold front ignited scat unseasonably hot and humid airmass.		_		
PRINCE GEORGE'S COUNTY 1.3 WI	NW SUITLAND [38.85, -76.95] 09/09/23 13:32 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 13:32 EST		0	Source: Broadcast Media
			Ç	
Several trees and wires blew down near	the DC/Maryland line in the Suitland-S	Silver Hill area.		
MONTGOMERY COUNTY 0.5 SW NO			101/	Thunderstorm Wind (EC 52 H)
	09/09/23 13:46 EST 09/09/23 13:46 EST		10K 0	Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
			U	Source. Emergency Manager
few trees blew down in the Silver Sprii	ng area. A tree blew down onto a hous	e on Hedin Drive.		
ONTGOMERY COUNTY 47.1 N CLA	- · · -			
	09/09/23 14:05 EST		3K	Thunderstorm Wind (EG 52 kt)
Control I and an in the Date of	09/09/23 14:05 EST	ID oss D. Jeille B	0	Source: Emergency Manager
A few trees blew down in the Bethesda a	area. Trees blew down onto wires on M	ID-355 ROCKVIIIE P	ike at Jones Bridge	э Коас.
MONTGOMERY COUNTY 1.2 NNE C	EDAR GROVE [39.26, -77.22] 09/09/23 14:56 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/09/23 14:56 EST		0	Source: Emergency Manager
rees and wires blew down in Damascu		0-27 Ridge Road a	nd Oak Drive.	3 , 3
REDERICK COUNTY 2.9 WSW FOL	JNTAIN MILLS [39.31, -77.30]			
2.0	09/09/23 15:01 EST		10K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:01 EST		0	Source: Department of Highways
Numerous trees blew down near Green Fingerboard Road at Ed McClain Road.	Valley and Ijamsville . Trees blew dowr	n on MD-75 Green	Valley Road at Pri	ces Distillery Road, and on MD-80
FREDERICK COUNTY 2.2 ENE JOH!	• ' •			
	09/09/23 15:15 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:15 EST		0	Source: Department of Highways
rees blew down near Union Bridge, inc	luding on MD-75 Green Valley Road at	t Repp Road.		
REDERICK COUNTY 1.1 N PETERS				
	09/09/23 15:33 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:33 EST		0	Source: 911 Call Center
Several trees and wires blew down near	Brunswick in southwestern Frederick	County.		
FREDERICK COUNTY 0.4 NE EMMIT			514	T
	09/09/23 15:44 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:44 EST		0	Source: 911 Call Center

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several trees and wires blew down near Emmitsb	urg.			
CHARLES COUNTY 0.4 NNW MARBURY [38.5	58, -77.15] 09/09/23 15:45 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:45 EST		0	Source: 911 Call Center
here were calls for trees blown down in the Mark	oury area.			
VASHINGTON COUNTY 0.8 NE CORBETT [39	0.64, -77.72]			
	09/09/23 15:45 EST		20K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:45 EST		0	Source: 911 Call Center
here were about a dozen reports of trees and wi	res causing traffic hazards ne	ar the Hagerstowr	ı area.	
ASHINGTON COUNTY 1.4 E HANCOCK [39.	· •		014	The Later W. 1/50 5010
	09/09/23 17:20 EST 09/09/23 17:20 EST		3K 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
			U	Source: 911 Call Center
here were a couple reports for trees and wires b	lown down between Hancock	and Pecktonville.		
ECIL COUNTY 0.5 S ELK NECK [39.51, -75.9	09/09/23 17:59 EST		4K	Thunderstorm Wind (EG 52 kt)
	09/09/23 17:59 EST		0	Source: 911 Call Center
ECIL COUNTY 0.3 WSW CALVERT [39.70, -7	'5.99]			
SECIL COUNTY 0.3 WSW GALVERT [33.70, -7	75.99] 09/09/23 18:13 EST 09/09/23 18:13 EST		5K 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
CECIL COUNTY 0.3 WSW CALVERT [39.70, -7 There were several reports of trees and wires blove to be compared to the compare	09/09/23 18:13 EST 09/09/23 18:13 EST	near the intersection	0	Source: 911 Call Center
-	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r		0 on of Calvert Road	Source: 911 Call Center and Trinity Church Road , and Pine
There were several reports of trees and wires blow Cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited PRINCE GEORGE'S COUNTY 0.2 S KENT VLC	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderston G [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N	rms that produce	0 on of Calvert Road mainly localized 5, -76.91], 1.0 SW	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage.
There were several reports of trees and wires block cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited and the stalling over the stalling o	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderston G [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST	rms that produce	0 on of Calvert Road d mainly localized 5, -76.91], 1.0 SW 6 G [38.92, -76.92]	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain)
There were several reports of trees and wires blow Cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited PRINCE GEORGE'S COUNTY 0.2 S KENT VLC	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderston G [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N	rms that produce	0 on of Calvert Road mainly localized 5, -76.91], 1.0 SW	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW
There were several reports of trees and wires blow	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderston G [38.92, -76.93], 0.8 SE BER'R R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST	rms that produce	0 on of Calvert Road d mainly localized 5, -76.91], 1.0 SW 6 G [38.92, -76.92]	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain)
There were several reports of trees and wires blocked cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited and the stalling over the stalling over the stalling over the stalling over the Mid-Atlantic ignited and the stalling over t	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderston 3 [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST veen US-50 and MD-193.	rms that produced WYN HGTS [38.96 E BLADENSBUR	0 on of Calvert Road d mainly localized 5, -76.91], 1.0 SW 6 G [38.92, -76.92] 0	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain)
There were several reports of trees and wires blow Cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited PRINCE GEORGE'S COUNTY 0.2 S KENT VLO GREENBELT [38.99, -76.89], 0.1 SSE LANDOVE	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderston G [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST veen US-50 and MD-193.	rms that produced WYN HGTS [38.96 E BLADENSBUR	0 on of Calvert Road d mainly localized 5, -76.91], 1.0 SW 6 G [38.92, -76.92] 0	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain)
there were several reports of trees and wires blockone Drive at Bailiff Road. Cold front stalling over the Mid-Atlantic ignited PRINCE GEORGE'S COUNTY 0.2 S KENT VLOGREENBELT [38.99, -76.89], 0.1 SSE LANDOVED bligh water blocked multiple parts of MD-295 between isolated instance of flooding occurred due to	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderston 3 [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST veen US-50 and MD-193. to heavy rain associated with E [39.18, -77.37] 09/12/23 20:04 EST	rms that produced WYN HGTS [38.96 E BLADENSBUR	on of Calvert Road d mainly localized 6, -76.91], 1.0 SW (G [38.92, -76.92] 0 0 inderstorms.	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain) Source: 911 Call Center Thunderstorm Wind (EG 52 kt)
There were several reports of trees and wires block cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited PRINCE GEORGE'S COUNTY 0.2 S KENT VLO GREENBELT [38.99, -76.89], 0.1 SSE LANDOVED High water blocked multiple parts of MD-295 between isolated instance of flooding occurred due to	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderstor G [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST veen US-50 and MD-193. o heavy rain associated with	rms that produced WYN HGTS [38.96 E BLADENSBUR	0 on of Calvert Road d mainly localized 6, -76.91], 1.0 SW G [38.92, -76.92] 0 0	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain) Source: 911 Call Center
There were several reports of trees and wires block Cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignite PRINCE GEORGE'S COUNTY 0.2 S KENT VLO GREENBELT [38.99, -76.89], 0.1 SSE LANDOVED High water blocked multiple parts of MD-295 between isolated instance of flooding occurred due to	09/09/23 18:13 EST 09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderstor 3 [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST veen US-50 and MD-193. b heavy rain associated with E [39.18, -77.37] 09/12/23 20:04 EST 09/12/23 20:04 EST Darnestown. A tree blew dow	rms that produced WYN HGTS [38.96 E BLADENSBUR showers and thu	on of Calvert Road d mainly localized 6, -76.91], 1.0 SW (G [38.92, -76.92] 0 0 inderstorms.	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain) Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Emergency Manager ck of Moore Road. A tree blew down
There were several reports of trees and wires blocked Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited PRINCE GEORGE'S COUNTY 0.2 S KENT VLG GREENBELT [38.99, -76.89], 0.1 SSE LANDOVER High water blocked multiple parts of MD-295 between isolated instance of flooding occurred due to MONTGOMERY COUNTY 2.5 E BEALLSVILLE Geveral trees blew down between Dickerson and	09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderstor 3 [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST reen US-50 and MD-193. b heavy rain associated with E [39.18, -77.37] 09/12/23 20:04 EST 09/12/23 20:04 EST Darnestown. A tree blew downerstown Road. A tree blew of	rms that produced WYN HGTS [38.96 E BLADENSBUR showers and thu	on of Calvert Road d mainly localized 6, -76.91], 1.0 SW (G [38.92, -76.92] 0 0 inderstorms. 3K 0 y in the 17900 blocarnestown Road n	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain) Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Emergency Manager ck of Moore Road. A tree blew down lear Peach Tree Road.
There were several reports of trees and wires blocked Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited PRINCE GEORGE'S COUNTY 0.2 S KENT VLC GREENBELT [38.99, -76.89], 0.1 SSE LANDOVER High water blocked multiple parts of MD-295 between isolated instance of flooding occurred due to MONTGOMERY COUNTY 2.5 E BEALLSVILLE Geveral trees blew down between Dickerson and on MD-118 Germantown Road north of MD-28 Date of the Drive of the parts of MD-28 Date of MD-118 Germantown Road north OF MD-118 GERMANTOWN ROAD NOT ROAD	09/09/23 18:13 EST 09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderstor G [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST veen US-50 and MD-193. to heavy rain associated with E [39.18, -77.37] 09/12/23 20:04 EST 09/12/23 20:04 EST Darnestown. A tree blew downerstown Road. A tree blew of the contract of the contrac	rms that produced WYN HGTS [38.96 E BLADENSBUR showers and thu	on of Calvert Road d mainly localized 3, -76.91], 1.0 SW (6) [38.92, -76.92] 0 0 inderstorms. 3K 0 y in the 17900 blocarnestown Road no	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain) Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Emergency Manager ck of Moore Road. A tree blew down lear Peach Tree Road. Thunderstorm Wind (EG 52 kt)
There were several reports of trees and wires blocked cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited and the PRINCE GEORGE'S COUNTY 0.2 S KENT VLC GREENBELT [38.99, -76.89], 0.1 SSE LANDOVER The Landover dight water blocked multiple parts of MD-295 between insolated instance of flooding occurred due to MONTGOMERY COUNTY 2.5 E BEALLSVILLE Geveral trees blew down between Dickerson and on MD-118 Germantown Road north of MD-28 Dates.	09/09/23 18:13 EST 09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderstor 3 [38.92, -76.93], 0.8 SE BER' R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST veen US-50 and MD-193. b heavy rain associated with E [39.18, -77.37] 09/12/23 20:04 EST Darnestown. A tree blew downestown Road. A tree blew of the control of	wyn HGTS [38.96] E BLADENSBUR showers and thu	on of Calvert Road d mainly localized 6, -76.91], 1.0 SW (G [38.92, -76.92] 0 0 inderstorms. 3K 0 y in the 17900 blocarnestown Road n	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain) Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Emergency Manager ck of Moore Road. A tree blew down lear Peach Tree Road.
There were several reports of trees and wires blocked cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignite. PRINCE GEORGE'S COUNTY 0.2 S KENT VLO GREENBELT [38.99, -76.89], 0.1 SSE LANDOVEI digh water blocked multiple parts of MD-295 between isolated instance of flooding occurred due to MONTGOMERY COUNTY 2.5 E BEALLSVILLE Geveral trees blew down between Dickerson and an MD-118 Germantown Road north of MD-28 Date MONTGOMERY COUNTY 0.4 NNE GLEN ECH	09/09/23 18:13 EST 09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderstor G [38.92, -76.93], 0.8 SE BER'R R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST veen US-50 and MD-193. o heavy rain associated with E [39.18, -77.37] 09/12/23 20:04 EST 09/12/23 20:04 EST Darnestown. A tree blew downestown Road. A tree blew of the control of the contro	wyn HGTS [38.96] E BLADENSBUR showers and thu	on of Calvert Road d mainly localized 3, -76.91], 1.0 SW (6) [38.92, -76.92] 0 0 inderstorms. 3K 0 y in the 17900 blocarnestown Road no	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain) Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Emergency Manager ck of Moore Road. A tree blew down lear Peach Tree Road. Thunderstorm Wind (EG 52 kt)
There were several reports of trees and wires block cone Drive at Bailiff Road. A cold front stalling over the Mid-Atlantic ignited PRINCE GEORGE'S COUNTY 0.2 S KENT VLC GREENBELT [38.99, -76.89], 0.1 SSE LANDOVER High water blocked multiple parts of MD-295 between isolated instance of flooding occurred due to MONTGOMERY COUNTY 2.5 E BEALLSVILLE Geveral trees blew down between Dickerson and on MD-118 Germantown Road north of MD-28 Date MONTGOMERY COUNTY 0.4 NNE GLEN ECH	09/09/23 18:13 EST 09/09/23 18:13 EST 09/09/23 18:13 EST wn down north of North East r d several severe thunderstor G [38.92, -76.93], 0.8 SE BER'R R HILLS [38.95, -76.90], 0.1 N 09/09/23 13:53 EST 09/09/23 15:53 EST veen US-50 and MD-193. o heavy rain associated with E [39.18, -77.37] 09/12/23 20:04 EST 09/12/23 20:04 EST Darnestown. A tree blew downestown Road. A tree blew of the control of the contro	wyn HGTS [38.96] E BLADENSBUR showers and thu	on of Calvert Road d mainly localized 3, -76.91], 1.0 SW (6) [38.92, -76.92] 0 0 inderstorms. 3K 0 y in the 17900 blocarnestown Road no	Source: 911 Call Center I and Trinity Church Road , and Pine I wind damage. GREENBELT [38.99, -76.89], 1.0 SSW Flood (due to Heavy Rain) Source: 911 Call Center Thunderstorm Wind (EG 52 kt) Source: Emergency Manager ck of Moore Road. A tree blew down lear Peach Tree Road. Thunderstorm Wind (EG 52 kt)

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several trees blew down near Silver Spring and of Lawndale Drive. A tree blew down in the 650		the 1800 block of	Edgewater Parkwa	ay. A tree blew down in the 9600 block
BALTIMORE COUNTY 0.8 ESE WHITE MAR	RSH [39.38, -76.42]			
	09/12/23 23:00 EST		10K	Thunderstorm Wind (EG 56 kt)
	09/12/23 23:00 EST		0	Source: 911 Call Center
Several large trees, branches, and wires blew	down at the intersection of Eben	ezer Road and Me	eyers Lane.	
BALTIMORE COUNTY 0.7 N BALTIMORE N	IARTIN ST [39.34, -76.42]			
	09/12/23 23:08 EST		0	Thunderstorm Wind (MG 54 kt)
	09/12/23 23:08 EST		0	Source: AWOS
A wind gust of 54 knots (62 MPH) was measure	ed by the AWOS at Martin State	Airport (KMTN).		
HARFORD COUNTY 1.2 ENE GIBSON MAN	IOR [39.60, -76.31]			
· · · · · ·	09/12/23 23:21 EST		20K	Thunderstorm Wind (EG 52 kt)
	09/12/23 23:21 EST		0	Source: 911 Call Center
A tree blew down onto power lines bringing dov	wn a pole in the 2700 block of Fo	orge Hill Road.		
CECIL COUNTY 0.3 S FREDERICKTOWN [20 27 75 991			
525.2 555RTT 0.5 5 TREDERIGRIOWN [09/12/23 23:58 EST		0	Thunderstorm Wind (MG 56 kt)
	09/12/23 23:58 EST		0	Source: Mesonet
A wind gust of 56 knots (65 MPH) was measure	ed by a mesonet in Fredericktow	n (AP596).		
A cold front produced a few severe thunders	torms generally near and east	of I-95 in Maryland	d.	
BALTIMORE CITY (C) COUNTY 0.6 ENE LE	AHIGH [39 37 -76 69] 1 5 NW I	MT WASHINGTON		8 NNW MT WASHINGTON 139 39
-76.65], 0.3 E ROLAND PARK [39.37, -76.64],	= = = = = = = = = = = = = = = = = = = =			
	09/12/23 22:00 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: Fire Department/Rescue
The fire department reported dozens of water r	escues around the city of Baltim	ore along with .lor	nes Falls flowing or	it of its banks
The me department reported dezente of water r	occupe around the dity of Building	ore along war cor	loo i allo llowing oc	at of no baline.
MONTGOMERY COUNTY 0.9 NE BARNES\	/ILLE [39.23, -77.37], 0.6 NE BA	RNESVILLE [39.2	3, -77.37], 0.6 NE	BARNESVILLE [39.23, -77.37], 0.9 NE
BARNESVILLE [39.23, -77.37]		-	-	
	09/12/23 22:14 EST		0	Flash Flood (due to Heavy Rain)
	09/12/23 23:00 EST		0	Source: 911 Call Center
Old Hundred Road had water flowing over it in	a couple spots.			
DALTIMODE COUNTY 4.5 T. COUTA TO	0.05 70.741 4.014 5.55	0.100.05 55 55	4 0 14/014/ 5 1 5 5	ULD 100 04 TO 701 44 E LOCUETE:
BALTIMORE COUNTY 1.3 E LOCHEARN [3 [39.35, -76.71]	ษ.35, -76.71], 1.0 W BARE HILL	S [39.35, -76.70], ¹	า.3 WSW BARE HI	ILLS [39.34, -76.70], 1.1 E LOCHEARN
F	09/12/23 22:42 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
Vehicles were stranded in high water along Wa	bash Avenue in northwest Baltir	nore City. Water w	as flowing at least	wheel deep on the roads.
BALTIMORE COUNTY 3.1 NE HALETHORF	=			
-76.65], 2.9 ENE HALETHORPE [39.27, -76.65]	, 2.9 NE HALETHORPE [39.27 , 09/12/23 22:45 EST	-10.00J, 3.1 NE HA	ALETHORPE [39.2 0	8, -76.65] Flash Flood (due to Heavy Rain)
	09/12/23 23:26 EST		0	Source: River/Stream Gage
				, and the second
The water level rapidly rose above the flood staplaces and both the Riley Springs Trailbridge a		-		eet, Beach drive is flooded in several
MONTGOMERY COUNTY 0.9 SW PARKWO	OD [39.01, -77.09], 0.9 SW PAR	KWOOD [39.01, -	77.09], 0.8 SW PAF	RKWOOD [39.01, -77.09], 0.8 SW
PARKWOOD [39.01, -77.09]	00/40/22 22 47 727			Florida to the C. B. C.
	09/12/23 22:47 EST		0	Flood (due to Heavy Rain)
	09/13/23 00:00 EST		0	Source: Department of Highways

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The I-495 Inner Loop past exit 33 was partia	ally closed due to high water.			
SALTIMORE COUNTY 0.3 WNW HALET VNW HALETHORPE [39.25, -76.70]	HORPE [39.25, -76.71], 0.5 NNW H	IALETHORPE [39.	26, -76.70], 0.4 NN	E HALETHORPE [39.26, -76.70], 0.0
	09/12/23 22:50 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
ehicles were stranded in high water in Arb	utus due to flowing water.			
ALTIMORE COUNTY 1.3 ESE ECCLES		VILLE [39.37, -76.	71], 0.7 E MILFOR	D [39.37, -76.74], 0.4 N HOWARDVILLE
39.39, -76.73], 0.4 SE ECCLESTON [39.40,	09/12/23 22:50 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
ehicles were stranded in flowing high wate	r in Pikesville.			
ALTIMORE COUNTY 1.9 SSW STONEI	EIGH [39.35, -76.64], 2.0 SSW ST	ONELEIGH [39.34,	-76.64], 2.0 SSW	STONELEIGH [39.34, -76.64], 2.0 SSW
TONELEIGH [39.34, -76.64], 2.0 SSW STO			•	
	09/12/23 22:51 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
Occupied vehicles were in floodwater due to	heavy rainfall.			
SALTIMORE COUNTY 2.0 SE STONELE	IGH [39.35, -76.59], 2.0 SE STONE	LEIGH [39.35, -76	.59], 2.1 SE STON	ELEIGH [39.35, -76.59], 2.1 SE
STONELEIGH [39.35, -76.59]	09/12/23 22:51 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
There were occupied vehicles stranded in fl MONTGOMERY COUNTY 1.1 WNW GLE			77.15], 0.8 W GLE	N ECHO [38.97, -77.15], 1.0 W GLEN
ECHO [38.97, -77.15], 1.1 ESE EMERY COP			•	
	09/12/23 22:51 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: Broadcast Media
Cabin John Parkway northbound after Clara	Barton Parkway was closed due to	o water flowing acr	ross the road. Vehi	cles were stranded in high water.
BALTIMORE COUNTY 1.2 SSW STONEI	EIGH [39.35, -76.63], 1.3 SSW ST	ONELEIGH [39.35,	-76.63], 1.3 SSW	STONELEIGH [39.35, -76.63], 1.1 SSW
STONELEIGH [39.35, -76.63]	09/12/23 22:55 EST		0.50M	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: Broadcast Media
Flood waters entered businesses along Gla		enue due to Stony	Creek flowing out o	of its banks.
BALTIMORE COUNTY 0.7 SW OAKLEIG	H [39.3976.56]. 0.7 SW OAKLEI	GH [39.3976.56].	0.7 SW OAKLEIG	H [39.3976.56]. 0.6 SW OAKLEIGH
39.39, -76.56]				
	09/12/23 23:02 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
There were occupied vehicles in floodwater	at the intersection of Oakleigh Roa	nd and Redwood A	venue.	
MONTGOMERY COUNTY 0.5 SW FAIRL	AND [39.07, -76.96], 0.6 SW FAIRL	AND [39.07, -76.9	6], 0.6 SSW FAIRL	AND [39.07, -76.96], 0.5 SSW
FAIRLAND [39.07, -76.95]	00/40/00 00:00 FOT		0	Flood (due to Marini Prin)
	09/12/23 23:02 EST		0	Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
JS 29 was closed at Fairland Road due to h	nigh water.			
MONTGOMERY COUNTY 1.3 N TAKOMA	A PARK [38.99, -77.00], 1.1 NNW T.	AKOMA PARK [38	.99, -77.00], 1.1 N	TAKOMA PARK [38.99, -77.00], 1.3 N
TAKOMA PARK [38.99, -77.00]	09/12/23 23:04 EST		0	Flash Flood (due to Heavy Rain)
	09/12/23 23:04 EST		0	Source: 911 Call Center
	55, 10,20 00.00 E01		•	Salos, of Foun Office

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Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg Maple Avenue was closed between Kennebec Avenue and Sligo Creek Parkway due to water flowing across the roadway. BALTIMORE COUNTY --- 0.6 ESE ESSEX [39.32, -76.47], 0.3 WNW ESSEX [39.32, -76.49], 0.7 SE CHESACO PARK [39.31, -76.49], 0.7 S ESSEX [39.31, -76.481 09/12/23 23:30 EST 0 Flash Flood (due to Heavy Rain) 0 09/13/23 00:30 EST Source: 911 Call Center Roads were closed due to flowing water around Essex. BALTIMORE COUNTY --- 0.6 WSW LOCHEARN [39.35, -76.74], 0.6 WSW LOCHEARN [39.35, -76.74], 0.6 WSW LOCHEARN [39.35, -76.74], 0.6 WSW LOCHEARN [39.35, -76.74] 09/12/23 23:46 EST 0 Flash Flood (due to Heavy Rain) 09/13/23 00:30 EST 0 Source: 911 Call Center An occupied vehicle was stuck in flood water at Buckingham Road and Liberty Road. MONTGOMERY COUNTY --- 1.0 S KEMP MILL [39.02, -77.02], 1.0 S KEMP MILL [39.02, -77.02], 1.0 S KEMP MILL [39.02, -77.02], 1.0 S KEMP MILL [39.02, -77.02] 09/13/23 00:07 EST 0 Flood (due to Heavy Rain) 09/13/23 01:07 EST 0 Source: Department of Highways The three left lanes of and the left shoulder of the I-495 Beltway Inner Loop were closed due to high standing water at exit 30A/US-29 Colesville Road. BALTIMORE COUNTY --- 1.6 ENE LINHIGH [39.38, -76.47], 1.6 ENE LINHIGH [39.38, -76.47], 1.7 WSW WHITE MARSH [39.37, -76.46], 1.5 W WHITE MARSH [39.38, -76.46], 1.7 W WHITE MARSH [39.38, -76.46], 1.8 ENE LINHIGH [39.38, -76.47] 0 09/13/23 00:25 EST Flash Flood (due to Heavy Rain) 09/13/23 00:35 EST 0 Source: River/Stream Gage The water level rapidly rose above flood stage of 11 feet along the Whitemarsh Run at White Marsh. At 11 feet, water covers the parking lots near the stream, particularly near the Town Center Court. The water fell below flood stage at 12:55 AM EST. A slow moving cold front moved into the area during the evening of the 12th into the overnight and early morning hours of the 13th. Moisture pooling ahead of the cold front caused instability to increase in addition to added atmospheric moisture. Showers and thunderstorms developed, and some trained over the same areas resulting in instances of flooding and flash flooding. Central and northeastern Maryland were the areas hardest hit, where moisture and instability was highest. (MD-Z014) ANNE ARUNDEL, (MD-Z017) ST. MARY'S 09/23/23 07:00 EST 0 Coastal Flood 09/24/23 13:54 EST 0 Tropical Storm Ophelia impacted the Mid-Atlantic region in late September 2023 causing moderate coastal flooding on the western shore of the Chesapeake Bay and along the Potomac River. (MD-Z017) ST. MARY'S 09/27/23 11:00 EST 0 Coastal Flood 09/29/23 14:00 EST 0 Persistent onshore flow resulted in moderate coastal flooding at Straits Point with minor to moderate coastal flooding lasting several days. VIRGINIA, North SHENANDOAH COUNTY --- 0.3 SSW BASYE SKY BRYCE ARPT [38.82, -78.77] 09/06/23 18:20 EST 3K Thunderstorm Wind (EG 52 kt) 09/06/23 18:20 EST n Source: 911 Call Center

Trees blew down in the Basye area.

SHENANDOAH COUNTY --- 0.4 SE CAPON RD [39.00, -78.36]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/06/23 19:32 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/06/23 19:32 EST		0	Source: Fire Department/Rescue
rees and wires blew down along Horseho	e Lane.			
SHENANDOAH COUNTY 1.1 SE CLAR				
	09/06/23 19:36 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/06/23 19:36 EST		0	Source: 911 Call Center
rees blew down on the north side of Stras	sburg.			
SHENANDOAH COUNTY 1.3 E CAPON				
	09/06/23 19:42 EST		20K	Thunderstorm Wind (EG 52 kt)
	09/06/23 19:42 EST		0	Source: Broadcast Media
A gazebo was blown over shattering a wind	dow at the Signal Knob Recreation 0	Center.		
A few isolated severe thunderstorms dev	reloped as a result of terrain circula	ations after severa	al days of late seas	son heat.
REDERICK COUNTY 1.0 ESE GORE [[39.26, -78.33]			
	09/07/23 11:35 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 11:35 EST		0	Source: 911 Call Center
There were calls for trees blown down in G	Gore.			
	EW (30 02 78 22)			
REDERICK COUNTY 2.1 S SOUTH VII	EVV [33.02, -70.22]			
FREDERICK COUNTY 2.1 S SOUTH VII	09/07/23 11:59 EST		0	Thunderstorm Wind (MG 50 kt)
FREDERICK COUNTY 2.1 S SOUTH VII			0	Thunderstorm Wind (MG 50 kt) Source: Mesonet
A wind gust of 50 knots (58 MPH) was mea	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station	n on Springwood L	0	Source: Mesonet
A wind gust of 50 knots (58 MPH) was mea	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14]	n on Springwood L	0 ane (KVASTEPH74	Source: Mesonet 4).
A wind gust of 50 knots (58 MPH) was mea	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station	n on Springwood L	0	Source: Mesonet
A wind gust of 50 knots (58 MPH) was mea	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST	n on Springwood L	0 ane (KVASTEPH72 3K	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt)
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CH	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap.	n on Springwood L	0 ane (KVASTEPH72 3K	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt)
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CH	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap.	n on Springwood L	0 ane (KVASTEPH72 3K	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt)
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CH	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST vn in Chester Gap.	n on Springwood L	0 ane (KVASTEPH74 3K 0	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CHATTHER WAS A CALL FOR THE THE WAS A CALL FOR THE WARREN COUNTY 2.3 WSW LINDEN [5]	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST // in in Chester Gap. 38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST		0 ane (KVASTEPH74 3K 0	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CHITHER WAS A CALL FOR THE WAS A WINDEN [1980]. A wind gust of 54 knots (62 MPH) was mean	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap. (38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station		0 ane (KVASTEPH74 3K 0	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CHE There was a call for a few trees blown down MARREN COUNTY 2.3 WSW LINDEN [Statement of 54 knots (62 MPH) was mean and suit of 54 knots (62 MPH) was mean and suit of 54 knots (62 MPH) was mean and suit of 54 knots (62 MPH)	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap. (38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station		0 ane (KVASTEPH74 3K 0	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CHITHER WAS A CALL FOR THE WAS A WINDEN [1980]. A wind gust of 54 knots (62 MPH) was mean	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap. (38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station S CITY [39.10, -78.22]		0 ane (KVASTEPH74 3K 0 0 0 ver (KVAFRONT11	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet).
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CHE There was a call for a few trees blown down WARREN COUNTY 2.3 WSW LINDEN [CAN WIND GRAPH COUNTY 1.2 N STEPHENS FREDERICK COUNTY 1.2 N STEPHENS	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap. (38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station S CITY [39.10, -78.22] 09/07/23 12:10 EST 09/07/23 12:10 EST		0 ane (KVASTEPH72 3K 0 0 0 ver (KVAFRONT11	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet). Thunderstorm Wind (EG 60 kt)
A wind gust of 50 knots (58 MPH) was mean and gust of 50 knots (58 MPH) was mean and gust of 54 knots (62 MPH) was mean and gust of 54	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap. 38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station S CITY [39.10, -78.22] 09/07/23 12:10 EST 09/07/23 12:10 EST		0 ane (KVASTEPH72 3K 0 0 0 ver (KVAFRONT11	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet). Thunderstorm Wind (EG 60 kt)
A wind gust of 50 knots (58 MPH) was mean and a wind gust of 50 knots (58 MPH) was mean a call for a few trees blown down and gust of 54 knots (62 MPH) was mean and gust of 5	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap. 38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station S CITY [39.10, -78.22] 09/07/23 12:10 EST 09/07/23 12:10 EST		0 ane (KVASTEPH72 3K 0 0 0 ver (KVAFRONT11	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet). Thunderstorm Wind (EG 60 kt)
FREDERICK COUNTY 2.1 S SOUTH VII A wind gust of 50 knots (58 MPH) was mea RAPPAHANNOCK COUNTY 0.4 NW CH There was a call for a few trees blown dow WARREN COUNTY 2.3 WSW LINDEN [: A wind gust of 54 knots (62 MPH) was mea FREDERICK COUNTY 1.2 N STEPHEN: There were calls for trees blown down in S WARREN COUNTY 0.7 NNW LINDEN [:	09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap. 38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station S CITY [39.10, -78.22] 09/07/23 12:10 EST 09/07/23 12:10 EST stephens City.		0 ane (KVASTEPH74 3K 0 0 0 ver (KVAFRONT11) 3K 0	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet). Thunderstorm Wind (EG 60 kt) Source: 911 Call Center
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CHARPAHANNOCK COUNTY 0.4 NW CHARPEN WAS a call for a few trees blown down MARREN COUNTY 2.3 WSW LINDEN [30 A wind gust of 54 knots (62 MPH) was mean series of the was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for a few trees was a call	09/07/23 11:59 EST 09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST In in Chester Gap. 38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station S CITY [39.10, -78.22] 09/07/23 12:10 EST 09/07/23 12:10 EST dephens City. 38.91, -78.08] 09/07/23 12:15 EST 09/07/23 12:15 EST	n at High Knob Tov	0 ane (KVASTEPH74 3K 0 0 0 ver (KVAFRONT11) 3K 0 20K 0	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet). Thunderstorm Wind (EG 60 kt) Source: 911 Call Center Thunderstorm Wind (EG 61 kt) Source: 911 Call Center
A wind gust of 50 knots (58 MPH) was mean and a wind gust of 50 knots (58 MPH) was mean and a call for a few trees blown down warren county 2.3 wsw linden (52 MPH) was mean and gust of 54 knots (62 MPH) was me	09/07/23 11:59 EST 09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap. 38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station S CITY [39.10, -78.22] 09/07/23 12:10 EST 09/07/23 12:10 EST Stephens City. 38.91, -78.08] 09/07/23 12:15 EST 09/07/23 12:15 EST	n at High Knob Tov	0 ane (KVASTEPH74 3K 0 0 0 ver (KVAFRONT11) 3K 0 20K 0	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet). Thunderstorm Wind (EG 60 kt) Source: 911 Call Center Thunderstorm Wind (EG 61 kt) Source: 911 Call Center
A wind gust of 50 knots (58 MPH) was mean RAPPAHANNOCK COUNTY 0.4 NW CHARPAHANNOCK COUNTY 0.4 NW CHARPEN WAS a call for a few trees blown down MARREN COUNTY 2.3 WSW LINDEN [30 A wind gust of 54 knots (62 MPH) was mean series of the was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for trees blown down in Series was a call for a few trees was a call	09/07/23 11:59 EST 09/07/23 11:59 EST 09/07/23 11:59 EST asured by a personal weather station HESTER GAP [38.85, -78.14] 09/07/23 12:06 EST 09/07/23 12:06 EST //n in Chester Gap. 38.89, -78.11] 09/07/23 12:09 EST 09/07/23 12:09 EST asured by a personal weather station S CITY [39.10, -78.22] 09/07/23 12:10 EST 09/07/23 12:10 EST Stephens City. 38.91, -78.08] 09/07/23 12:15 EST 09/07/23 12:15 EST	n at High Knob Tov	0 ane (KVASTEPH74 3K 0 0 0 ver (KVAFRONT11) 3K 0 20K 0	Source: Mesonet 4). Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (MG 54 kt) Source: Mesonet). Thunderstorm Wind (EG 60 kt) Source: 911 Call Center Thunderstorm Wind (EG 61 kt) Source: 911 Call Center

FAUQUIER COUNTY --- 0.4 NNE MARKHAM [38.91, -78.00]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/07/23 12:21 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 12:21 EST		0	Source: 911 Call Center
Trees blew down along VA-55 John Marshall	Highway near Markham.			
LOUDOUN COUNTY 1.0 W WATERFORD				
	09/07/23 13:10 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/07/23 13:10 EST		0	Source: Department of Highways
Trees blew down near Waterford, including o intersection of VA-704 Hamilton Station Road Clarkes Gap Road.				
LOUDOUN COUNTY 2.7 NW DULLES INT	L ARPT [38.98, -77.49] 09/07/23 13:10 EST		0	Hail (1.00 in)
	09/07/23 13:10 EST		0	Source: Official NWS Observations
			· ·	Course. Chicle 14440 Observations
Quarter size hail was observed at the NWS C	Office in Sterling.			
LOUDOUN COUNTY 0.6 S ASHBURN [39	. 04, -77.48] 09/07/23 13:21 EST		0	Hail (1.00 in)
	09/07/23 13:21 EST		0	Source: Social Media
			J	Course. Coolai Modia
There were a few reports of quarter size hail	in the Ashburn area.			
LOUDOUN COUNTY 3.0 WNW BROAD R				
	09/07/23 13:22 EST		0	Hail (1.00 in)
	09/07/23 13:22 EST		0	Source: NWS Employee
Quarter size hail was reported in Countryside) .			
FAUQUIER COUNTY 2.3 SW DELAPLANI	E [38.89, -77.95]			
	09/07/23 14:45 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 14:45 EST		0	Source: Trained Spotter
Downed trees and wires caused a power out	age near Delaplane.			
FAUQUIER COUNTY DELAPLANE [38.92	, -77.92]			
	09/07/23 14:46 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/07/23 14:46 EST		0	Source: Fire Department/Rescue
Delaplane Fire Department responded to sev	reral calls for downed trees and w	ires.		
	[38.96, -77.89]			
LOUDOUN COUNTY 6.2 W MIDDLEBURG				
LOUDOUN COUNTY 6.2 W MIDDLEBURG	09/07/23 14:58 EST		0	Hail (1.00 in)
LOUDOUN COUNTY 6.2 W MIDDLEBURG	-		0	Hail (1.00 in) Source: Trained Spotter
	09/07/23 14:58 EST 09/07/23 14:58 EST			• •
Quarter size hail was reported south of Uppe	09/07/23 14:58 EST 09/07/23 14:58 EST rville.			• •
Quarter size hail was reported south of Uppe	09/07/23 14:58 EST 09/07/23 14:58 EST rville.			• •
Quarter size hail was reported south of Uppe	09/07/23 14:58 EST 09/07/23 14:58 EST rville.		0	Source: Trained Spotter
Quarter size hail was reported south of Uppe LOUDOUN COUNTY 2.2 S WAXPOOL [38	09/07/23 14:58 EST 09/07/23 14:58 EST rville. 999, -77.52] 09/07/23 15:00 EST 09/07/23 15:00 EST		0	Source: Trained Spotter Hail (1.00 in)
Quarter size hail was reported south of Uppe LOUDOUN COUNTY 2.2 S WAXPOOL [38] At least quarter size hail was reported near B Numerous showers and thunderstorms device storms turned severe, producing both dam.	09/07/23 14:58 EST 09/07/23 14:58 EST rville. 7.99, -77.52] 09/07/23 15:00 EST 09/07/23 15:00 EST sirambleton.	=	0 0 0	Source: Trained Spotter Hail (1.00 in) Source: Public
Quarter size hail was reported south of Uppe LOUDOUN COUNTY 2.2 S WAXPOOL [38] At least quarter size hail was reported near B Numerous showers and thunderstorms device storms turned severe, producing both dam	09/07/23 14:58 EST 09/07/23 14:58 EST rville. 99, -77.52] 09/07/23 15:00 EST 09/07/23 15:00 EST frambleton. veloped along a lee pressure troi aging wind gusts and large hail.	=	0 0 0	Source: Trained Spotter Hail (1.00 in) Source: Public
Quarter size hail was reported south of Uppe LOUDOUN COUNTY 2.2 S WAXPOOL [38] At least quarter size hail was reported near B Numerous showers and thunderstorms dev	09/07/23 14:58 EST 09/07/23 14:58 EST rville. 99, -77.52] 09/07/23 15:00 EST 09/07/23 15:00 EST frambleton. veloped along a lee pressure troi aging wind gusts and large hail.	=	0 0 0	Source: Trained Spotter Hail (1.00 in) Source: Public

Quarter size hail was reported south of Alonzaville.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SHENANDOAH COUNTY 1.5 NNW MT OLIVE [-			
	09/08/23 16:15 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/23 16:15 EST		0	Source: Mesonet
A wind gust of 50 knots (58 MPH) was measured b	oy a Tempest station on Chick	ory Lane.		
SHENANDOAH COUNTY BASYE [38.80, -78.78	=		•	11.77.4.00.1.)
	09/08/23 16:24 EST 09/08/23 16:24 EST		0	Hail (1.00 in) Source: Trained Spotter
Quarter size hail was reported in Bayse.	00,00,20 10.2 1 20 1		· ·	coarce. Hamica operior
OUDOUN COUNTY 1.4 WSW PLEASANT VLY	/ [28 04 77 50]			
CODOON COONTT 1.4 WSW FLEASANT VEI	09/08/23 16:36 EST		0	Hail (1.00 in)
	09/08/23 16:36 EST		0	Source: Trained Spotter
here were multiple reports of quarter size hail in t	he Chantilly and South Riding	areas.		
OUDOUN COUNTY 2.3 SSW ARCOLA GLASO	COCK ARPT [38.90, -77.56]			
	09/08/23 16:38 EST		0	Hail (1.00 in)
	09/08/23 16:38 EST		0	Source: Social Media
Quarter size hail was reported south of Arcola.				
OUDOUN COUNTY 0.3 WNW ARCOLA [38.95	5, -77.53]			
	09/08/23 16:42 EST		0	Hail (1.00 in)
Quarter size hail was reported in Arcola.				
LOUDOUN COUNTY 2.7 NW DULLES INTL AR	= = =			11.174.05 ()
	09/08/23 17:00 EST 09/08/23 17:15 EST		0	Hail (1.25 in) Source: Official NWS Observations
Hail of up to half dollar size was observed for abou		5 PM at the NWS		
	00 77 461			
LOUDOUN COUNTY 1.7 WSW STERLING [38.9	· •		0	Hail (1.25 in)
LOUDOUN COUNTY 1.7 WSW STERLING [38.9	09/08/23 17:10 EST		0	Hail (1.25 in) Source: Trained Spotter
·	· •		0	Hail (1.25 in) Source: Trained Spotter
- Half dollar size hail was reported in Sterling Park.	09/08/23 17:10 EST 09/08/23 17:10 EST			
- Half dollar size hail was reported in Sterling Park.	09/08/23 17:10 EST 09/08/23 17:10 EST			
- Half dollar size hail was reported in Sterling Park.	09/08/23 17:10 EST 09/08/23 17:10 EST		0	Source: Trained Spotter
	09/08/23 17:10 EST 09/08/23 17:10 EST 7.53] 09/08/23 17:15 EST 09/08/23 17:20 EST	370) between Ar	0 0 0	Source: Trained Spotter Thunderstorm Wind (MG 62 kt) Source: Mesonet
Half dollar size hail was reported in Sterling Park.	09/08/23 17:10 EST 09/08/23 17:10 EST 7.53] 09/08/23 17:15 EST 09/08/23 17:20 EST sured by a Tempest station (23	370) between Ar	0 0 0	Source: Trained Spotter Thunderstorm Wind (MG 62 kt) Source: Mesonet
Half dollar size hail was reported in Sterling Park.	09/08/23 17:10 EST 09/08/23 17:10 EST 7.53] 09/08/23 17:15 EST 09/08/23 17:20 EST sured by a Tempest station (23	370) between Ar	0 0 0	Source: Trained Spotter Thunderstorm Wind (MG 62 kt) Source: Mesonet
Half dollar size hail was reported in Sterling Park. LOUDOUN COUNTY 1.4 N ARCOLA [38.97, -77] Wind gusts of up to 62 knots (71 MPH) were meas	09/08/23 17:10 EST 09/08/23 17:10 EST 7.53] 09/08/23 17:15 EST 09/08/23 17:20 EST sured by a Tempest station (23	370) between Ar	0 0 0 cola and Brambleto	Source: Trained Spotter Thunderstorm Wind (MG 62 kt) Source: Mesonet
Half dollar size hail was reported in Sterling Park. LOUDOUN COUNTY 1.4 N ARCOLA [38.97, -77] Wind gusts of up to 62 knots (71 MPH) were meas LOUDOUN COUNTY 2.7 NW DULLES INTL AR Another round of quarter to ping pong ball size haildented about half a dozen vehicles in the parking I	09/08/23 17:10 EST 09/08/23 17:10 EST 7.53] 09/08/23 17:15 EST 09/08/23 17:20 EST sured by a Tempest station (23 PT [38.98, -77.49] 09/08/23 17:35 EST 09/08/23 17:45 EST	<u> </u>	0 0 0 cola and Brambleto 10K 0	Source: Trained Spotter Thunderstorm Wind (MG 62 kt) Source: Mesonet on. Hail (1.50 in) Source: Official NWS Observations
Half dollar size hail was reported in Sterling Park. LOUDOUN COUNTY 1.4 N ARCOLA [38.97, -77] Wind gusts of up to 62 knots (71 MPH) were meas LOUDOUN COUNTY 2.7 NW DULLES INTL AR	09/08/23 17:10 EST 09/08/23 17:10 EST 7.53] 09/08/23 17:15 EST 09/08/23 17:20 EST sured by a Tempest station (23 PT [38.98, -77.49] 09/08/23 17:35 EST 09/08/23 17:45 EST I was observed at the NWS Otot.	<u> </u>	0 0 0 cola and Brambleto 10K 0 Vind-driven hail (w	Source: Trained Spotter Thunderstorm Wind (MG 62 kt) Source: Mesonet on. Hail (1.50 in) Source: Official NWS Observations ith measured gusts to 46 knots/53 MPH)
Half dollar size hail was reported in Sterling Park. LOUDOUN COUNTY 1.4 N ARCOLA [38.97, -77 Wind gusts of up to 62 knots (71 MPH) were meas LOUDOUN COUNTY 2.7 NW DULLES INTL AR Another round of quarter to ping pong ball size haidented about half a dozen vehicles in the parking I	09/08/23 17:10 EST 09/08/23 17:10 EST 7.53] 09/08/23 17:15 EST 09/08/23 17:20 EST sured by a Tempest station (23 PT [38.98, -77.49] 09/08/23 17:35 EST 09/08/23 17:45 EST	<u> </u>	0 0 0 cola and Brambleto 10K 0	Source: Trained Spotter Thunderstorm Wind (MG 62 kt) Source: Mesonet on. Hail (1.50 in) Source: Official NWS Observations

Numerous trees and power lines blew down near the intersection of VA-630 Mill Creek Road and VA-601 Waterfall Road.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE WILLIAM COUNTY 0.3				
	09/08/23 18:05 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 18:05 EST		0	Source: Department of Highways
rees blew down near the intersecti	ion of VA-601 Shelter Lane and Greenville l	Orive.		
ALBEMARLE COUNTY 0.4 ESE	SCOTTSVILLE [37.80, -78.49] 09/08/23 19:54 EST		2K	Thundaratorm Wind (EC 52 kt)
	09/08/23 19:54 EST		0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
here were a counte of calls for tree	es blown down in and around Scottsville.		Ü	Source. 911 Gail Genter
Tiere were a douple of dails for tree	so blown down in and dround doodsville.			
ALBEMARLE COUNTY 0.8 ESE	WOODRIDGE [37.90, -78.44] 09/08/23 20:02 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/08/23 20:02 EST		0	Source: 911 Call Center
here were several calls for trees b	lown down in and around Woodridge.		v	esarso, orr can contain
Tiore were deveral earlierer trees of	own down in and dround vroodinggo.			
ALBEMARLE COUNTY 0.6 ENE	KESWICK [38.02, -78.36] 09/08/23 20:26 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 20:26 EST		0	Source: 911 Call Center
			O	Cource. 911 Gail Genter
here were a couple of calls for tree	es blown down in and near Keswick.			
OUDOUN COUNTY 0.7 SSW AI	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA		SSE ARCOLA [38	.94, -77.53], 0.8 SSE ARCOLA [38.94,
OUDOUN COUNTY 0.7 SSW AI			\$\$E ARCOLA [38	.94, -77.53], 0.8 SSE ARCOLA [38.94, Flood (due to Heavy Rain) Source: 911 Call Center
-OUDOUN COUNTY 0.7 SSW AI 77.53]	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST		0	Flood (due to Heavy Rain)
LOUDOUN COUNTY 0.7 SSW AI 77.53] The road was closed at Dulles Wes	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST	[38.94, -77.53], 0.9	0	Flood (due to Heavy Rain) Source: 911 Call Center
.OUDOUN COUNTY 0.7 SSW AI 77.53] The road was closed at Dulles West	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3	[38.94, -77.53], 0.9	0 0 E ARCOLA [38.94,	Flood (due to Heavy Rain) Source: 911 Call Center -77.51], 2.5 NW DULLES INTL ARPT
OUDOUN COUNTY 0.7 SSW AI 77.53] The road was closed at Dulles West	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3	[38.94, -77.53], 0.9	0 0 E ARCOLA [38.94 ,	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain)
COUDOUN COUNTY 0.7 SSW AI 77.53] The road was closed at Dulles West COUDOUN COUNTY 2.6 NE ARC 38.97, -77.48]	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST	[38.94, -77.53], 0.9	0 0 E ARCOLA [38.94, 0 0	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official
.77.53] The road was closed at Dulles Wes LOUDOUN COUNTY 2.6 NE ARC 38.97, -77.48]	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST	[38.94, -77.53], 0.9	0 0 E ARCOLA [38.94, 0 0	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official
LOUDOUN COUNTY 0.7 SSW AID (77.53) The road was closed at Dulles West COUDOUN COUNTY 2.6 NE ARC (38.97, -77.48) Loudoun County Sheriffs office reports of the county Sheriffs o	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST	[38.94, -77.53], 0.9 8.94, -77.54], 1.2 S Illes area including	0 0 E ARCOLA [38.94, 0 0 Arcola Boulevard	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official , Old Ox Road, and the Loudoun County
LOUDOUN COUNTY 0.7 SSW AID (77.53) The road was closed at Dulles West COUDOUN COUNTY 2.6 NE ARC (38.97, -77.48) Loudoun County Sheriffs office reports were stranded on so A nearly stalled boundary combineratined over the same areas, resulted.	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST orted numerous roads closed around the Dubre of the closed roads. ed with plenty of moisture led to the deveting in areas of flooding and flash flooding	[38.94, -77.53], 0.9 8.94, -77.54], 1.2 S Illes area including	0 0 E ARCOLA [38.94, 0 0 Arcola Boulevard	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official , Old Ox Road, and the Loudoun County
LOUDOUN COUNTY 0.7 SSW AID (77.53) The road was closed at Dulles West COUDOUN COUNTY 2.6 NE ARC (38.97, -77.48) Loudoun County Sheriffs office reports were stranded on so A nearly stalled boundary combineratined over the same areas, resulted.	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST orted numerous roads closed around the Dubre of the closed roads. ed with plenty of moisture led to the deveting in areas of flooding and flash flooding	[38.94, -77.53], 0.9 8.94, -77.54], 1.2 S Illes area including	0 0 E ARCOLA [38.94, 0 0 Arcola Boulevard	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official , Old Ox Road, and the Loudoun County
LOUDOUN COUNTY 0.7 SSW AID TO THE TOTAL	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST orted numerous roads closed around the Dume of the closed roads. ed with plenty of moisture led to the deveting in areas of flooding and flash flooding and flash flooding and flash flooding.	[38.94, -77.53], 0.9 8.94, -77.54], 1.2 S Illes area including	0 0 E ARCOLA [38.94, 0 0 Arcola Boulevard ers and thundersto	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official , Old Ox Road, and the Loudoun County 9rms. Some storms
COUDOUN COUNTY 0.7 SSW AIRFAX COUNTY	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST orted numerous roads closed around the Dubre of the closed roads. ed with plenty of moisture led to the deveting in areas of flooding and flash floodin ISET HILLS [38.95, -77.35] 09/09/23 14:18 EST 09/09/23 14:18 EST	[38.94, -77.53], 0.9 8.94, -77.54], 1.2 S Illes area including	0 0 E ARCOLA [38.94, 0 0 Arcola Boulevard ers and thundersto	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official , Old Ox Road, and the Loudoun County 9 orms. Some storms Thunderstorm Wind (EG 52 kt)
COUDOUN COUNTY 0.7 SSW AIRFAX COUNTY 0.7 SSW AIRFAX COUNTY 0.7 SSW AIRFAX COUNTY 0.3 ENE SUN	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST It Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST orted numerous roads closed around the Dubre of the closed roads. ed with plenty of moisture led to the deveting in areas of flooding and flash floodin ISET HILLS [38.95, -77.35] 09/09/23 14:18 EST north of Reston.	[38.94, -77.53], 0.9 8.94, -77.54], 1.2 S Illes area including	0 0 E ARCOLA [38.94, 0 0 Arcola Boulevard ers and thundersto	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official , Old Ox Road, and the Loudoun County 97ms. Some storms Thunderstorm Wind (EG 52 kt) Source: Broadcast Media
COUDOUN COUNTY 0.7 SSW AIRFAX COUNTY 0.7 SSW AIRFAX COUNTY 0.7 SSW AIRFAX COUNTY 0.3 ENE SUN	09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST orted numerous roads closed around the Dume of the closed roads. ed with plenty of moisture led to the deveting in areas of flooding and flash floodin ISET HILLS [38.95, -77.35] 09/09/23 14:18 EST north of Reston. SON [38.98, -77.58] 09/09/23 14:45 EST	[38.94, -77.53], 0.9 8.94, -77.54], 1.2 S Illes area including	0 0 E ARCOLA [38.94, 0 0 Arcola Boulevard ers and thundersto inia. 5K 0	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official , Old Ox Road, and the Loudoun County 9778. Some storms Thunderstorm Wind (EG 52 kt) Source: Broadcast Media
LOUDOUN COUNTY 0.7 SSW AID 177.53] The road was closed at Dulles West LOUDOUN COUNTY 2.6 NE ARC (38.97, -77.48] Loudoun County Sheriffs office reports a county Sheriff office reports a county	RCOLA [38.94, -77.53], 0.8 SSW ARCOLA 09/08/23 17:24 EST 09/08/23 20:24 EST It Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST Orted numerous roads closed around the Dubre of the closed roads. ed with plenty of moisture led to the devetting in areas of flooding and flash floodin ISET HILLS [38.95, -77.35] 09/09/23 14:18 EST north of Reston. SON [38.98, -77.58]	[38.94, -77.53], 0.9 8.94, -77.54], 1.2 S Illes area including	0 0 E ARCOLA [38.94, 0 0 Arcola Boulevard ers and thundersto inia.	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official , Old Ox Road, and the Loudoun County 97ms. Some storms Thunderstorm Wind (EG 52 kt) Source: Broadcast Media
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COUDOUN COUNTY 0.7 SSW AIRFAX COUNTY 0.7 SSW AIRFAX COUNTY 0.7 SSW AIRFAX COUNTY 0.7 SSW AIRFAX COUNTY 0.3 ENE SUN	09/08/23 17:24 EST 09/08/23 20:24 EST t Boulevard due to high water. COLA [38.98, -77.50], 0.6 SSW ARCOLA [3 09/08/23 18:02 EST 09/08/23 19:15 EST orted numerous roads closed around the Durie of the closed roads. ed with plenty of moisture led to the deveting in areas of flooding and flash flooding in areas of flooding and flash flooding states are set of the closed roads. ISET HILLS [38.95, -77.35] 09/09/23 14:18 EST 09/09/23 14:18 EST north of Reston. SON [38.98, -77.58] 09/09/23 14:45 EST 09/09/23 14:45 EST in the Arcola/Aldie area.	[38.94, -77.53], 0.9 8.94, -77.54], 1.2 S Illes area including	0 0 E ARCOLA [38.94, 0 0 Arcola Boulevard ers and thundersto inia. 5K 0	Flood (due to Heavy Rain) Source: 911 Call Center 7-77.51], 2.5 NW DULLES INTL ARPT Flash Flood (due to Heavy Rain) Source: State Official , Old Ox Road, and the Loudoun County 9778. Some storms Thunderstorm Wind (EG 52 kt) Source: Broadcast Media
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICKSBURG (C) COUNTY 0.4 NNE	FREDERICKSBURG [38.30, -77.4	47]		
	09/09/23 15:03 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:03 EST		0	Source: 911 Call Center
A few trees and wires blew down in the City of	Fredericksburg, including along C	Caroline Street an	d in the 1400 block	of Prince Edward Street.
SPOTSYLVANIA COUNTY 0.9 SW LEAVELI	LS [38.24, -77.53] 09/09/23 15:04 EST		25K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:04 EST		0	Source: 911 Call Center
	09/09/20 10:04 201		O	Source. 311 Can Center
At least half a dozen trees blew down near the Leavells Road, Mansfield Street, VA-3 Plank R Lafayette Boulevard and Hudgins Road.	· · · · · · · · · · · · · · · · · · ·		-	-
ORANGE COUNTY 1.0 SSW EVERONA [38	5.29, -77.98]			
	09/09/23 15:10 EST		10K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:10 EST		0	Source: 911 Call Center
Several trees blew down across central Orange	e County, including one onto a ca	ır at House Inn an	nd Bistro, and along	VA-617 Everona Road.
STAFFORD COUNTY 1.6 SSW BLOOKE [38	•			
	09/09/23 15:10 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:10 EST		0	Source: 911 Call Center
Several trees and wires blew down in southeas	stern Stafford County.			
LOUDOUN COUNTY 2.4 S LOVETTSVILLE	[39.24, -77.64]			
	09/09/23 15:15 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:15 EST		0	Source: 911 Call Center
Several trees and wires blew down near Lucke	tts, Lovettsville, and Waterford.			
CULPEPER COUNTY 3.2 NNW RACCOON	FORD [38 42 -77 94]			
JOEN ET EN JOSHI I JUZIMIN MAGGOOM	09/09/23 15:20 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:20 EST		0	Source: 911 Call Center
Several trees and wires blew down in southern	Culpeper County near Stevensb	urg.		
STAFFORD COUNTY 0.8 WSW MIDWAY IS	[38.4977.38]			
	09/09/23 15:20 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:20 EST		0	Source: 911 Call Center
Several trees and wires blew down in northeas	tern Stafford County.			
PRINCE WILLIAM COUNTY 1.0 N WATERF.	ALL [38.88, -77.67]			
	09/09/23 15:22 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:22 EST		0	Source: 911 Call Center
Trees blew down onto power lines on VA-600 M	Mountain Road between Berkeley	Drive and VA-60	1 Waterfall Road.	
CULPEPER COUNTY 0.6 S CULPEPER [38	3.47, -78.00]			
-	09/09/23 15:30 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:30 EST		0	Source: 911 Call Center
Several trees and wires blew down around Cul	peper.			
CULPEPER COUNTY RIXEYVILLE [38.58, -	-77.971			
NALI VILLE [00:00, -	09/09/23 15:40 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:40 EST		0	Source: 911 Call Center

Several trees and wires blew down around Rixeyville.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
AUQUIER COUNTY 0.9 W WARRENTON	N [38 72 -77 80]			
AGGGER GGGREE GIG IT IIIARRELITE	09/09/23 15:45 EST		15K	Thunderstorm Wind (EG 56 kt)
	09/09/23 15:45 EST		0	Source: 911 Call Center
here were about a dozen calls for trees, bra	anches, and wires blown down aro	ound Warrenton an	d central Fauquier	County.
PRINCE WILLIAM COUNTY 0.6 NW INDE	PENDENT HILL [38 64 -77 44]			
KINGE WILLIAM GOONT I U.U NW INDE	09/09/23 15:50 EST		25K	Thunderstorm Wind (EG 56 kt)
	09/09/23 15:50 EST		0	Source: Emergency Manager
Multiple trees blew down around Independer	nt Hill, including one onto a house	just west-northwes	st of town.	
a cold front stalling over the Mid-Atlantic i	-			wind damage.
	_		-	-
FAUQUIER COUNTY 0.5 W BROAD RUN 38.81, -77.80]	[38.83, -77.73], 1.6 ENE BELVOIR	R [38.87, -77.79], 0	.5 SE MARSHALL	[38.87, -77.84], 1.4 S OLD TAVERN
55.51, -11.50]	09/09/23 16:15 EST		0	Flash Flood (due to Heavy Rain)
	09/09/23 17:15 EST		0	Source: 911 Call Center
Several roads were blocked by standing wat	er near Marshall and The Plains.			
DDINOT WILLIAM COUNTY A COUNCY	TUADDIN 100 00 . 77 501 4 7 00W	CATUA DDIN 120	22 77 501 4 5 0 0	ATUADDIN 100 00 77 FT 40 0
PRINCE WILLIAM COUNTY 1.8 SSW CA ⁻ CATHARPIN [38.82, -77.57]	-	CATHARPIN [38.	83, -77.58], 1.5 S C	ATHARPIN [38.83, -77.57], 1.9 S
	09/09/23 20:33 EST		0	Flood (due to Heavy Rain)
	09/09/23 21:30 EST		0	Source: 911 Call Center
An isolated instance of flash flooding occu	[38.30, -77.29]	u with showers an		
	09/10/23 18:49 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/10/23 18:49 EST		0	Source: 911 Call Center
Trees blew down in the 3000 block of VA-218	8 Caledon Road.			
An isolated severe thunderstorm produced	d localized wind damage east of F	Fredericksburg, V	irginia.	
GREENE COUNTY 1.8 SSW RUCKERSV	ILLE [38.21, -78.38], 0.8 NE RUCK	(ERSVILLE [38.24	, -78.36], 1.2 NNW	RUCKERSVILLE [38.25, -78.38], 2.0 SW
RUCKERSVILLE [38.21, -78.39]	00/40/00 00 05 507		•	Florida to the constraint
	09/10/23 20:35 EST		0	Flood (due to Heavy Rain)
	09/10/23 22:35 EST		0	Source: 911 Call Center
Route 29 near Route 33 was closed due to f	-			
A slow moving thunderstorm caused flood	ling in Greene County during the	evening of the 10	th.	
VA-Z054) ARLINGTON				
	09/24/23 01:42 EST		0	Coastal Flood
	09/24/23 04:00 EST		0	
Fropical Storm Ophelia caused moderate c	coastal flooding in the City of Alex	xandria, VA in late	September.	

PENDLETON COUNTY --- 4.2 ESE FT SEYBERT [38.65, -79.13]

09/06/23 17:33 EST

09/06/23 17:33 EST

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Thunderstorm Wind (EG 52 kt)

Source: 911 Call Center

5K

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hall Springs Road was closed in multiple locati	ions due to trees blown down.			
PENDLETON COUNTY 2.5 E FRANKLIN [3:	• • • • • • • • • • • • • • • • • • •		214	Thursdames we Mind (FO FO Id)
	09/06/23 17:40 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/06/23 17:40 EST		0	Source: 911 Call Center
CR-87 Rough Run Road was closed west of th	e Virginia state line before Fort S	Seybert due to tree	es blown down.	
HARDY COUNTY 9.4 SE BRAKE [38.80, -78	3.89]			
	09/06/23 18:01 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/06/23 18:01 EST		0	Source: Law Enforcement
Two trees blew down along WV-259 near Saw	mill Lane.			
A few isolated severe thunderstorms develop	ped as a result of terrain circula	ations after severa	al days of late seas	son heat.
HAMPSHIRE COUNTY 2.6 SW THREE CHU	JRCHES [39.37, -78.69]			
	09/07/23 10:14 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 10:14 EST		0	Source: 911 Call Center
Trees blew down in the 7200 block of CR-5 Jer	rsey Mountain Road.			
HARDY COUNTY 2.8 WNW WARDENSVILL	.E [39.09, -78.65] 09/07/23 10:49 EST		10K	Thunderstorm Wind (EG 52 kt)
	09/07/23 10:49 EST		0	Source: 911 Call Center
	09/07/23 10.49 EST		U	Source. 911 Call Center
There were several calls for multiple trees blow just outside of Wardensville.	n down in northeastern Hardy C	county, including a	long CR-23/10 Tro	out Run Road to near the national forest
HAMPSHIRE COUNTY 1.1 ENE LITTLE CA	CAPON [39.51, -78.46]			
	09/07/23 10:50 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/07/23 10:50 EST		0	Source: 911 Call Center
There were several calls for trees blown down	near Paw Paw.			
MORGAN COUNTY 2.6 ESE DOE GULLY [3	39.59, -78.34]			
	09/07/23 11:05 EST		0	Hail (1.00 in)
	09/07/23 11:05 EST			
	09/01/23 11.03 L31		0	Source: Social Media
Hail of up to quarter size was reported near Gr			0	Source: Social Media
Hail of up to quarter size was reported near Gr	eat Cacapon.		0	Source: Social Media
	eat Cacapon.		0 5K	Source: Social Media Thunderstorm Wind (EG 52 kt)
	eat Cacapon. DALE [39.29, -78.56]			
HAMPSHIRE COUNTY 1.2 ESE PLEASANT	Page 2 Cacapon. TDALE [39.29, -78.56] 09/07/23 11:10 EST 09/07/23 11:10 EST		5K	Thunderstorm Wind (EG 52 kt)
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down	eat Cacapon. TDALE [39.29, -78.56]		5K	Thunderstorm Wind (EG 52 kt)
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down	eat Cacapon. TDALE [39.29, -78.56]		5K 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down	eat Cacapon. TDALE [39.29, -78.56]		5K 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Hail (1.00 in)
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down	eat Cacapon. TDALE [39.29, -78.56]		5K 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down BERKELEY COUNTY 0.8 N SHANGHAI [39	eat Cacapon. TDALE [39.29, -78.56]		5K 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Hail (1.00 in)
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down BERKELEY COUNTY 0.8 N SHANGHAI [39 Quarter size hail was reported in Shanghai.	eat Cacapon. TDALE [39.29, -78.56]		5K 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Hail (1.00 in)
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down BERKELEY COUNTY 0.8 N SHANGHAI [39 Quarter size hail was reported in Shanghai.	eat Cacapon. TDALE [39.29, -78.56]		5K 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Hail (1.00 in)
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down BERKELEY COUNTY 0.8 N SHANGHAI [39 Quarter size hail was reported in Shanghai.	eat Cacapon. TDALE [39.29, -78.56]		5K 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Hail (1.00 in) Source: Social Media
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down BERKELEY COUNTY 0.8 N SHANGHAI [39 Quarter size hail was reported in Shanghai. BERKELEY COUNTY 0.9 SSW JONES SPO	eat Cacapon. TDALE [39.29, -78.56]		5K 0 0 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Hail (1.00 in) Source: Social Media Hail (1.00 in)
HAMPSHIRE COUNTY 1.2 ESE PLEASANT There were several calls for trees blown down BERKELEY COUNTY 0.8 N SHANGHAI [39 Quarter size hail was reported in Shanghai. BERKELEY COUNTY 0.9 SSW JONES SPO	eat Cacapon. TDALE [39.29, -78.56]		5K 0 0 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Hail (1.00 in) Source: Social Media Hail (1.00 in)
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
lail of up to at least ping pong ball size was	s reported east of Shanghai along (CR-18 Tuscarora F	Pike.	
BERKELEY COUNTY 1.6 S TOMAHAWK	([39.51, -78.06]			
	09/07/23 12:21 EST		0	Hail (1.00 in)
	09/07/23 12:21 EST		0	Source: Social Media
Quarter size hail was reported near Back Cr	reek south of Tomahawk.			
BERKELEY COUNTY 1.1 NNW BERKEL	EY [39.51, -77.94]			
	09/07/23 12:27 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 12:27 EST		0	Source: 911 Call Center
There were several reports of trees and wire Vinebrenner Road and CR-45/3 Files Cross	-	-	-	Drive, near the intersection of CR-40
BERKELEY COUNTY 0.3 SSE BEDINGT	· · · · · · · · · · · · ·			
	09/07/23 12:28 EST		0	Hail (1.00 in)
	09/07/23 12:28 EST		0	Source: Social Media
Quarter size hail was reported near the inter	rsection of CR-12 Berkeley Station	Road/Scrabble Ro	oad and CR-5 Bed	ington Road.
BERKELEY COUNTY 0.9 ENE SPRING N				
	09/07/23 12:32 EST		0	Hail (1.25 in)
	09/07/23 12:32 EST		0	Source: Social Media
lumerous showers and thunderstorms de	eveloped along a lee pressure tro	=	days of late seaso	on heat. Several of these
Numerous showers and thunderstorms de storms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY	eveloped along a lee pressure tro maging wind gusts and large hail.			
Numerous showers and thunderstorms de storms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY	eveloped along a lee pressure tro maging wind gusts and large hail.			FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain)
Numerous showers and thunderstorms de storms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY	eveloped along a lee pressure tro maging wind gusts and large hail. YBERT [38.68, -79.21], 0.9 S OAK		2], 1.1 SSE OAK F	FLAT [38.66, -79.21], 0.4 SSE FT
Numerous showers and thunderstorms destorms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY SEYBERT [38.67, -79.20]	eveloped along a lee pressure tro maging wind gusts and large hail. YBERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST	FLAT [38.66, -79.2	2], 1.1 SSE OAK F	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain)
Numerous showers and thunderstorms destorms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY SEYBERT [38.67, -79.20] Sweedin Valley Road was closed in multiple A nearly stalled boundary combined with prained over the same areas, resulting in a	eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST e locations due to creeks running of plenty of moisture led to the developed instance of flash floor	FLAT [38.66, -79.2 ver the road.	2], 1.1 SSE OAK F 0 0	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official
Numerous showers and thunderstorms destorms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY SEYBERT [38.67, -79.20] Sweedin Valley Road was closed in multiple A nearly stalled boundary combined with prained over the same areas, resulting in a	eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST e locations due to creeks running of plenty of moisture led to the development in the control of the con	FLAT [38.66, -79.2 ver the road.	2], 1.1 SSE OAK F 0 0 ers and thunderster County.	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms
Numerous showers and thunderstorms destorms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY SEYBERT [38.67, -79.20] Sweedin Valley Road was closed in multiple A nearly stalled boundary combined with prained over the same areas, resulting in a	eveloped along a lee pressure tromaging wind gusts and large hail. YBERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST e locations due to creeks running of plenty of moisture led to the development of	FLAT [38.66, -79.2 ver the road.	2], 1.1 SSE OAK F 0 0 ers and thunderster County.	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms Hail (1.25 in)
Numerous showers and thunderstorms destorms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY SEYBERT [38.67, -79.20] Sweedin Valley Road was closed in multiple A nearly stalled boundary combined with parained over the same areas, resulting in a	eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST e locations due to creeks running of plenty of moisture led to the development in the control of the con	FLAT [38.66, -79.2 ver the road.	2], 1.1 SSE OAK F 0 0 ers and thunderster County.	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms
Numerous showers and thunderstorms destorms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY SEYBERT [38.67, -79.20] Sweedin Valley Road was closed in multiple A nearly stalled boundary combined with prained over the same areas, resulting in a PENDLETON COUNTY UPPER TRACK [eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST e locations due to creeks running of plenty of moisture led to the development of	FLAT [38.66, -79.2 ver the road.	2], 1.1 SSE OAK F 0 0 ers and thunderster County.	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms Hail (1.25 in)
Hail of up to half dollar size was reported new Numerous showers and thunderstorms destorms turned severe, producing both dam PENDLETON COUNTY 0.4 WSW FT SEY SEYBERT [38.67, -79.20] Sweedin Valley Road was closed in multiple A nearly stalled boundary combined with parained over the same areas, resulting in a PENDLETON COUNTY UPPER TRACK [Mail of the country of the count	eveloped along a lee pressure tromaging wind gusts and large hail. If BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST colocations due to creeks running or plenty of moisture led to the developed in disolated instance of flash floor [38.78, -79.28] 09/08/23 18:45 EST 09/08/23 18:45 EST	FLAT [38.66, -79.2 ver the road. elopment of show ding in Pendleton	2], 1.1 SSE OAK F 0 0 ers and thunderst County. 0 0	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms Hail (1.25 in) Source: Social Media
Numerous showers and thunderstorms destorms turned severe, producing both danseterms turned severe, producing the severe seve	eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST e locations due to creeks running of plenty of moisture led to the developed in the developed in the local control of th	FLAT [38.66, -79.2 ver the road. elopment of show ding in Pendleton	2], 1.1 SSE OAK F 0 0 ers and thunderst County. 0 0	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms Hail (1.25 in) Source: Social Media
Numerous showers and thunderstorms destorms turned severe, producing both danseterms turned severe, producing the severe seve	eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST e locations due to creeks running or plenty of moisture led to the development of	FLAT [38.66, -79.2 ver the road. elopment of show ding in Pendleton	2], 1.1 SSE OAK F 0 0 0 ers and thunderster County. 0 0 0 derstorms as it in onsiderable wind	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms Hail (1.25 in) Source: Social Media ntersected an damage and hail. Thunderstorm Wind (EG 52 kt)
Numerous showers and thunderstorms destorms turned severe, producing both danselectorms (38.67, -79.20) Sweedin Valley Road was closed in multiple A nearly stalled boundary combined with prained over the same areas, resulting in a PENDLETON COUNTY UPPER TRACK [An approaching cold front ignited scattered unseasonably hot and humid airmass. Severe severe anseasonably hot and humid airmass. Severe seve	eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST e locations due to creeks running of plenty of moisture led to the developed in the developed in the local control of th	FLAT [38.66, -79.2 ver the road. elopment of show ding in Pendleton	2], 1.1 SSE OAK F 0 0 ers and thunderster County. 0 0	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms Hail (1.25 in) Source: Social Media ntersected an damage and hail.
Numerous showers and thunderstorms destorms turned severe, producing both dan PENDLETON COUNTY 0.4 WSW FT SEY SEYBERT [38.67, -79.20] Sweedin Valley Road was closed in multiple A nearly stalled boundary combined with parained over the same areas, resulting in a PENDLETON COUNTY UPPER TRACK [County UPPER	eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST e locations due to creeks running of plenty of moisture led to the development of	ver the road. elopment of show ding in Pendleton	2], 1.1 SSE OAK F 0 0 ers and thunderster County. 0 0 oderstorms as it in onsiderable wind 10K 0	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms Hail (1.25 in) Source: Social Media ntersected an damage and hail. Thunderstorm Wind (EG 52 kt)
Numerous showers and thunderstorms destorms turned severe, producing both dansetorms to severe se	eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST elocations due to creeks running of plenty of moisture led to the development of t	ver the road. elopment of show ding in Pendleton	2], 1.1 SSE OAK F 0 0 ers and thunderster County. 0 0 oderstorms as it in onsiderable wind 10K 0	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms Hail (1.25 in) Source: Social Media ntersected an damage and hail. Thunderstorm Wind (EG 52 kt)
Numerous showers and thunderstorms destorms turned severe, producing both danselectorms and severe	eveloped along a lee pressure tromaging wind gusts and large hail. (BERT [38.68, -79.21], 0.9 S OAK 09/08/23 18:32 EST 09/08/23 19:45 EST elocations due to creeks running of plenty of moisture led to the development of t	ver the road. elopment of show ding in Pendleton	2], 1.1 SSE OAK F 0 0 ers and thunderster County. 0 0 oderstorms as it in onsiderable wind 10K 0	FLAT [38.66, -79.21], 0.4 SSE FT Flash Flood (due to Heavy Rain) Source: State Official orms. Some storms Hail (1.25 in) Source: Social Media ntersected an damage and hail. Thunderstorm Wind (EG 52 kt)

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A cold front stalling over the Mid-Atlantic ignited several severe thunderstorms that produced mainly localized wind damage.

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

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