Deaths &

Property &

Event Type and Details

Date/Time

Location

Winds gusted to in excess of 30 knots at Cuckold Creek.

Location	Date/Time	Injuries	Crop Dmg	Event Type and Details
ATLANTIC NORTH				
OUEQA DE AVE DAY DRUM DE TO OM	THE DE MA COUNTY I OWER HOOR	EDO IOL AND (UDE) roo oo =0 401	
CHESAPEAKE BAY DRUM PT TO SMI	TH PT VA COUNTY LOWER HOOP! 10/16/19 14:27 EST	ERS ISLAND (HPR	() [38.26, -76.18] 0	Marine Thunderstorm Wind (EG 34 kt)
	10/16/19 14:27 EST		0	Source: Buoy
	10/10/10 11.27 201		•	Godico. Buoy
Vind gusts in excess of 30 knots were	reported.			
TANGIER SOUND AND THE INLAND V	VATERS SURROUNDING BLOODSWO	ORTH ISLAND COL	JNTY BISHOPS	HEAD (BISM2) [38.22, -76.04]
	10/16/19 14:36 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	10/16/19 14:42 EST		0	Source: Buoy
A strong cold front passed through th winds from aloft.	e waters on the 16th. Despite limited	instability gusty s	howers were still a	able to mix down gusty
CHESAPEAKE BAY POOLES IS TO SA	ANDY PT MD COUNTY HART MILLE	ER ISLAND (HRT)	[39.25, -76.37]	
	10/27/19 09:46 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/27/19 09:46 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were	reported at Hart Miller Island.			
TIDAL POTOMAC COBB IS MD TO SM	IITH PT VA COUNTY COBB POINT	(COB) [38.2476.8	831	
	10/27/19 10:21 EST	(, L ,	0	Marine Thunderstorm Wind (MG 36 kt)
	10/27/19 10:41 EST		0	Source: Buoy
CHESAPEAKE BAY DRUM PT TO SMI	TH PT VA COUNTY LOWER HOOP	ERS ISLAND (HPR		
	10/27/19 10:45 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/27/19 10:45 EST		0	Source: Buoy
Winds gusted to in excess of 30 knots a	at Lower Hoopers Island.			
PATUXENT RIVER TO BROOMES ISLA	AND MD COUNTY SOLOMONS ISLA	AND (SLIM2) [38.3	2, -76.45]	
	10/27/19 11:12 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/27/19 11:12 EST		0	Source: Buoy
Ninds gusted to in excess of 30 knots a	at Solomons Island.			
TANGIER SOUND AND THE INLAND V	VATERS SURROUNDING BLOODSWO	ORTH ISLAND COL	INTY RISHOPS	HFAD (RISM2) [38 22 -76 04]
TANGLER GOORD AND THE INCARD V	10/27/19 12:18 EST	JATTI IOLAND GOV	0	Marine Thunderstorm Wind (EG 34 kt)
	10/27/19 12:18 EST		0	Source: Buoy
Winds gusted to in excess of 30 knots a	at Bishops Head			
A strong cold front passed through or	·	showers were able	e to mix down gus	ety winds from aloft.
TIDAL POTOMAC INDIAN HD TO COB		INT (BAB) [38.31,	=	Marina Thundaratorm Wind (MC 25 Lt)
	10/31/19 20:26 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	10/31/19 20:51 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO COB	B IS MD COUNTY POTOMAC LIGH	T 33 (LT3) [38.34,	-76.99]	
	10/31/19 20:28 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	10/31/19 21:08 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO COB	B IS MD COUNTY CUCKOLD CREE	EK (CCK) [38.31, -7	76.93]	
TIDAL POTOMAC INDIAN HD TO COB	B IS MD COUNTY CUCKOLD CREE 10/31/19 20:29 EST	EK (CCK) [38.31, -7	76.93]	Marine Thunderstorm Wind (EG 34 kt)

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC INDIAN HD TO CO	DBB IS MD COUNTY MONROE CREEK	K (MON) [38.23, -7	6.95]	Marine Thunderstorm Wind (MC 25 Lt)
	10/31/19 20.29 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	10/31/19 21:29 EST		U	Source: Buoy
TIDAL POTOMAC INDIAN HD TO CO	OBB IS MD COUNTY 3.3 ESE LEESYL	VANIA STATE PA		
	10/31/19 20:30 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	10/31/19 21:25 EST		0	Source: Buoy
TIDAL POTOMAC KEY BRIDGE TO	INDIAN HD MD COUNTY (DCA)REAG	AN NATIONAL AI	RPORT [38.86, -77.	.03]
	10/31/19 20:30 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	10/31/19 21:26 EST		0	Source: ASOS
TIDAL POTOMAC INDIAN HD TO CO	DBB IS MD COUNTY QUANTICO (KNY	(G) [38 51 -77 30]		
THE TO SEE THE TO SEE	10/31/19 21:21 EST	_, [-5:01, -77:00]	0	Marine Thunderstorm Wind (MG 36 kt)
	10/31/19 21:21 EST		0	Source: AWOS
	10/31/19 21.21 L31		U	Source. Avvos
TIDAL POTOMAC INDIAN HD TO CO	DBB IS MD COUNTY MONROE CREEN	K (MON) [38.23, -7	6.95]	
	10/31/19 21:34 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	10/31/19 22:14 EST		0	Source: Buoy
TIDAL POTOMAC KEY BRIDGE TO	INDIAN HD MD COUNTY NATIONALS	PARK (WSHNP)	38.87, -77.011	
	10/31/19 21:34 EST	(,	0	Marine Thunderstorm Wind (EG 34 kt)
	10/31/19 22:14 EST		0	Source: Mesonet
Winds gusts in excess of 30 knots we	ere observed at Nationals Park.			
TIDAL POTOMAC KEY BRIDGE TO	INDIAN HD MD COUNTY 2.0 ENE ALE	EXANDRIA (D4370) [38.76, -77.02]	
	10/31/19 21:39 EST	,	0	Marine Thunderstorm Wind (MG 40 kt)
	10/31/19 21:39 EST		0	Source: Mesonet
TIDAL DOTOMAS INDIANUID TO SO	DD IO MD COUNTY OUGKOLD ODER			
TIDAL POTOMAC INDIAN HD TO CC	DBB IS MD COUNTY CUCKOLD CREE 10/31/19 21:44 EST	EK (CCK) [38.31, -	7 6.93] 0	Marine Thunderstorm Wind (MG 50 kt)
				· · · · · · · · · · · · · · · · · · ·
	10/31/19 22:14 EST		0	Source: Buoy
CHESAPEAKE BAY POOLES IS TO	SANDY PT MD COUNTY HART MILLE	ER ISLAND (HRT)	[39.25, -76.37]	
	10/31/19 21:46 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	10/31/19 22:21 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO CO	DBB IS MD COUNTY POTOMAC LIGH	T 33 (LT3) [38 34	-76.991	
	10/31/19 21:48 EST	(, [00:04,	0	Marine Thunderstorm Wind (MG 44 kt)
	10/31/19 22:13 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO CO	OBB IS MD COUNTY 1.5 E BABAR PO	OINT (BAB) [38.31,	-	Marina Thundarate West (MAC 47 H)
	10/31/19 21:51 EST		0	Marine Thunderstorm Wind (MG 47 kt)
	10/31/19 22:11 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO CO	DBB IS MD COUNTY BABAR POINT (E	BAB) [38.31, -77.0	3]	
	10/31/19 21:56 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	10/31/19 22:11 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO CO	DBB IS MD COUNTY 1.3 NNE BABAR	POINT (RAR) 138	33 -77 021	
O CARAGINATION TO CO	10/31/19 21:59 EST	. J (DAD) [30.	0	Marine Thunderstorm Wind (MG 34 kt)
	10/31/19 22:14 EST		0	Source: Buoy
CHESAPEAKE BAY POOLES IS TO	SANDY PT MD COUNTY (KMTN)MAR 10/31/19 22:01 EST	TIN STATE AIRPO	ORT [39.33, -76.42] 0	Marine Thunderstorm Wind (MG 38 kt)
	10/31/19 22:01 EST		0	Source: AWOS
	10/01/19 22:01 E31		U	Course. Avvoo

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY POOLES IS TO SANDY		NT (SPT) [39.01, -7	-	M : TI I I I I I I I I I I I I I I I I I
	10/31/19 22:05 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	10/31/19 22:15 EST		0	Source: Buoy
CHESAPEAKE BAY POOLES IS TO SANDY		ER MD (TCBM2) [3	9.32, -76.25]	
	10/31/19 22:06 EST		0	Marine Thunderstorm Wind (MG 53 kt)
	10/31/19 22:30 EST		0	Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH I	PT VA COUNTY POINT LOOK	OUT (PTL) [38.04,	-76.32]	
	10/31/19 22:09 EST	, ,,	0	Marine Thunderstorm Wind (MG 47 kt)
	10/31/19 23:34 EST		0	Source: Buoy
TIDAL BOTOMAC KEY BRIDGE TO INDIAN	UD MD COUNTY (DCA)DEAC	AN NATIONAL AU	DDODT 120 06 77	021
TIDAL POTOMAC KEY BRIDGE TO INDIAN	10/31/19 22:10 EST	AN NATIONAL AII	0	
				Marine Thunderstorm Wind (MG 37 kt)
	10/31/19 22:10 EST		0	Source: ASOS
TIDAL POTOMAC COBB IS MD TO SMITH I	PT VA COUNTY LEWISETTA (I	LWS) [38.00, -76.4	7]	
	10/31/19 22:12 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	10/31/19 23:24 EST		0	Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH I	PT VA COUNTY LEWISETTA N	MD (LWTV2) [38.00	, -76.47]	
	10/31/19 22:12 EST	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	Marine Thunderstorm Wind (MG 42 kt)
	10/31/19 23:24 EST		0	Source: Buoy
				,
TIDAL POTOMAC COBB IS MD TO SMITH I		(PPTM2) [38.13, -7	=	
	10/31/19 22:12 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	10/31/19 23:24 EST		0	Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH I	PT VA COUNTY COBB POINT	(COB) [38.24, -76.	 83]	
	10/31/19 22:16 EST	. , .	0	Marine Thunderstorm Wind (MG 54 kt)
	10/31/19 23:01 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS	MD COLINTY 1 5 F RARAD DO	INT (BAR) [38 31	-77 001	
TIDAL I OTOMIAC INDIANTID TO CODD IO	10/31/19 22:16 EST	/IIVT (DAD) [30.31,	0	Marine Thunderstorm Wind (MG 41 kt)
	10/31/19 22:36 EST		0	Source: Buoy
	10/01/10 22:30 201		O .	Course. Busy
TIDAL POTOMAC INDIAN HD TO COBB IS		BAB) [38.31, -77.0		
	10/31/19 22:16 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	10/31/19 22:41 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT TO N BEAC	CH MD COUNTY HERRING BA	Y (HRB) [38.73, -7	6.54]	
	10/31/19 22:18 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	10/31/19 23:38 EST		0	Source: Buoy
TIDAL BOTOMAC INDIAN UP TO CORP. IO	MD COUNTY POTOMAC LIGH	T 22 / T2\ [20 24	76 001	
FIDAL POTOMAC INDIAN HD TO COBB IS	10/31/19 22:18 EST	1 33 (∟13) [38.34,	-7 6.99] 0	Marine Thunderstorm Wind (MG 41 kt)
				·
	10/31/19 23:08 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT TO N BEAC	CH MD COUNTY TOLLY POINT	(TOL) [38.94, -76.	.44]	
	10/31/19 22:19 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	10/31/19 23:44 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS	MD COUNTY 1 3 NNF RARAR	POINT (BAR) 138	3377.021	
טו פונט טו איינו	10/31/19 22:19 EST	. J (DAD) [30.	0	Marine Thunderstorm Wind (EG 34 kt)
	10/31/19 22:19 EST		0	Source: Buoy
	. 0, 5 i, 10 LL. 10 LO1		•	

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Wind gusts in excess of 30 knots were observed at Tower 70.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC INDIAN HD TO	COBB IS MD COUNTY MONROE CREEK	K (MON) [38.23, -7	6.95]	Marine Thunderstorm Wind (MG 41 kt)
	10/31/19 22:29 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT TO	O N BEACH MD COUNTY KENT ISLAND) (KNT) [38.9276	.361	
	10/31/19 22:20 EST	(, [,	0	Marine Thunderstorm Wind (MG 38 kt)
	10/31/19 22:20 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT TO	O N BEACH MD COUNTY GREENBERR	Y POINT (GBY) [3	B.97, -76.46]	
	10/31/19 22:22 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	10/31/19 23:42 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT TO	O N BEACH MD COUNTY GREENBERR	Y POINT (GBY) [3	B.97, -76.46]	
	10/31/19 22:25 EST	· · · ·	0	Marine Thunderstorm Wind (MG 43 kt)
	10/31/19 23:30 EST		0	Source: Buoy
EASTERN BAY COUNTY 4.3 S	E US-50 (MD040) [38.92, -76.20]			
	10/31/19 22:30 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	10/31/19 22:30 EST		0	Source: Buoy
CHESAPEAKE BAY N BEACH TO	D DRUM PT MD COUNTY 9.1 NNE GOOS	ES REEF BUOY (14062) [38.68, -76.3	33]
	10/31/19 22:36 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	10/31/19 23:36 EST		0	Source: Buoy
CHESAPEAKE BAY N BEACH TO	D DRUM PT MD COUNTY GOOSES REEF	BUOY (44062) [3	8.56, -76.41]	
	10/31/19 22:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/31/19 23:42 EST		0	Source: Buoy
Gusts in excess of 30 knots were of	observed at Goose's Reef Buoy.			
PATUXENT RIVER TO BROOMES	S ISLAND MD COUNTY SOLOMONS ISL	AND (SLIM2) [38.3	2, -76.45]	
	10/31/19 22:36 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	10/31/19 23:00 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT T	O N BEACH MD COUNTY (KW29)BAY B	RIDGE AIRPORT		
	10/31/19 22:40 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/31/19 23:20 EST		0	Source: AWOS
Wind gusts in excess of 30 knots v	were observed at Bay Bridge Airport.			
EASTERN BAY COUNTY 4.3 S				
	10/31/19 22:46 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	10/31/19 23:31 EST		0	Source: Buoy
CHESAPEAKE BAY N BEACH TO	D DRUM PT MD COUNTY 2.6 S MID BAY	BUOY [38.43, -76	=	
	10/31/19 22:48 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	10/31/19 23:42 EST		0	Source: Buoy
CHESAPEAKE BAY DRUM PT TO	SMITH PT VA COUNTY PATUXENT RIV	/ER ASOS (KNAK		
	10/31/19 22:55 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	10/31/19 22:55 EST		0	Source: AWOS
CHESAPEAKE BAY DRUM PT TO	SMITH PT VA COUNTY 42.2 N PATUXE	ENT RIVER ASOS		-
	10/31/19 23:00 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	10/31/19 23:00 EST		0	Source: Buoy

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 0.2 SSW SOLOMONS ISLAND (SLIM2) [38.32, -76.45]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/31/19 23:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/31/19 23:00 EST		0	Source: Buoy
Gusts in excess of 30 knots were observed or	n Solomons Island.			
CHESAPEAKE BAY N BEACH TO DRUM PT	MD COUNTY 7.6 S MID BAY	BUOY [38.36, -76.4	40]	
	10/31/19 23:02 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	10/31/19 23:12 EST		0	Source: Mesonet
CHOPTANK RIVER TO CAMBRIDGE MD AN	D THE LITTLE CHOPTANK RIVE	R COUNTY CA	MBRIDGE (CAMM	2) [38.57, -76.07]
	10/31/19 23:06 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	10/31/19 23:42 EST		0	Source: Mesonet
CHESAPEAKE BAY DRUM PT TO SMITH PT	VA COUNTY I OWER HOOPE	FRS ISI AND (HPR) [38 26 -76 18]	
STILLONG ENGLE BACK BROWN 1 10 CHILLIAN	10/31/19 23:08 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	10/31/19 23:28 EST		0	Source: Buoy
TANCIED COUND AND THE INLAND WATER	DE CURROUNDING RI CORCWO	ADTU ICI AND COI	INTY DACCOOL	N POINT (PAC) (20 44 - 75 70)
TANGIER SOUND AND THE INLAND WATER	10/31/19 23:11 EST	KIT ISLAND COL	JNTY RACCOOI	Marine Thunderstorm Wind (MG 41 kt)
	10/31/19 23:59 EST		0	Source: Buoy
	10/01/10 20:00 201		v	Course. Busy
CHECADEAKE DAY CANDY DT TO N DEACH	H MD COUNTY 0.9 SE GREEN	IBERRY POINT (G		
CHESAPEARE DAT SANDT PT TO N BEACT				
CHESAFEARE BAT SANDT FT TO N BEACT	10/31/19 23:12 EST		0	Marine Thunderstorm Wind (EG 34 kt)
CHESAFEARE BAT SANDT FT TO N BEACT			0	Source: Buoy
Wind gusts in excess of 30 knots were observed	10/31/19 23:12 EST 10/31/19 23:30 EST			·
Wind gusts in excess of 30 knots were observ	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy.	KNAK) [38.98, -76.	0	·
Wind gusts in excess of 30 knots were observ	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy.	KNAK) [38.98, -76.	0	·
Wind gusts in excess of 30 knots were observ	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy.	KNAK) [38.98, -76.	0	Source: Buoy
Wind gusts in excess of 30 knots were observ	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST		0 48] 0 0	Source: Buoy Marine Thunderstorm Wind (MG 43 kt) Source: ASOS
Wind gusts in excess of 30 knots were observ	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST		0 48] 0 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79]
Wind gusts in excess of 30 knots were observ	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST		0 48] 0 0	Source: Buoy Marine Thunderstorm Wind (MG 43 kt) Source: ASOS
Wind gusts in excess of 30 knots were observ CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. H MD COUNTY ANNAPOLIS (II 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:18 EST 10/31/19 23:59 EST	ORTH ISLAND COL	0 48] 0 0 UNTY RACCOOL 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy
Wind gusts in excess of 30 knots were observ CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (II 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO	ORTH ISLAND COL	0 48] 0 0 UNTY RACCOOL 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88]
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. H MD COUNTY ANNAPOLIS (II 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:18 EST 10/31/19 23:59 EST	ORTH ISLAND COL	0 48] 0 0 UNTY RACCOOL 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. H MD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST	ORTH ISLAND COL	0 48] 0 0 INTY RACCOOI 0 0 INTY CRISFIEL 0 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. H MD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST	ORTH ISLAND COL	0 48] 0 0 INTY RACCOOI 0 0 INTY CRISFIEL 0 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. H MD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST	ORTH ISLAND COL	0 48] 0 0 INTY RACCOOI 0 0 INTY CRISFIEL 0 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. H MD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST	ORTH ISLAND COL	48] 0 0 INTY RACCOOI 0 0 INTY CRISFIEL	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy D FIRE DEPARTMENT (CRSFL) [37.98,
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER -75.86]	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST	ORTH ISLAND COL	48] 0 0 INTY RACCOOI 0 0 INTY CRISFIEL 0 0 0 INTY CRISFIEL	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy D FIRE DEPARTMENT (CRSFL) [37.98, Marine Thunderstorm Wind (MG 46 kt)
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER -75.86]	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST	ORTH ISLAND COL	48] 0 0 INTY RACCOOI 0 0 INTY CRISFIEL 0 0 0 INTY CRISFIEL	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy D FIRE DEPARTMENT (CRSFL) [37.98, Marine Thunderstorm Wind (MG 46 kt)
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER -75.86]	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (I 10/31/19 23:18 EST 10/31/19 23:18 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST	ORTH ISLAND COL	0 48] 0 0 UNTY RACCOOR 0 0 UNTY CRISFIEL 0 0 0 6.53]	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy D FIRE DEPARTMENT (CRSFL) [37.98, Marine Thunderstorm Wind (MG 46 kt) Source: Buoy
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER -75.86] TIDAL POTOMAC COBB IS MD TO SMITH P	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (II 10/31/19 23:18 EST 10/31/19 23:18 EST 10/31/19 23:18 EST 10/31/19 23:18 EST 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST TVA COUNTY PINEY POINT (10/31/19 23:48 EST 10/31/19 23:59 EST	ORTH ISLAND COL	0 48] 0 0 JINTY RACCOOL 0 0 JINTY CRISFIEL 0 0 0 6.53] 0 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy D FIRE DEPARTMENT (CRSFL) [37.98, Marine Thunderstorm Wind (MG 46 kt) Source: Buoy Marine Thunderstorm Wind (MG 36 kt)
Wind gusts in excess of 30 knots were observed. CHESAPEAKE BAY SANDY PT TO N BEACH TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER TANGIER SOUND AND THE INLAND WATER -75.86] TIDAL POTOMAC COBB IS MD TO SMITH P	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (II 10/31/19 23:18 EST 10/31/19 23:18 EST 10/31/19 23:18 EST 10/31/19 23:18 EST 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST T VA COUNTY PINEY POINT (10/31/19 23:48 EST 10/31/19 23:59 EST	ORTH ISLAND COL	0 48] 0 0 JINTY RACCOOI 0 0 JINTY CRISFIEL 0 0 0 6.53] 0 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy D FIRE DEPARTMENT (CRSFL) [37.98, Marine Thunderstorm Wind (MG 46 kt) Source: Buoy Marine Thunderstorm Wind (MG 36 kt) Source: Buoy
	10/31/19 23:12 EST 10/31/19 23:30 EST red at Annapolis buoy. HMD COUNTY ANNAPOLIS (II 10/31/19 23:18 EST 10/31/19 23:18 EST 10/31/19 23:18 EST 10/31/19 23:18 EST 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST RS SURROUNDING BLOODSWO 10/31/19 23:59 EST TVA COUNTY PINEY POINT (10/31/19 23:48 EST 10/31/19 23:59 EST	ORTH ISLAND COL	0 48] 0 0 JINTY RACCOOL 0 0 JINTY CRISFIEL 0 0 0 6.53] 0 0	Marine Thunderstorm Wind (MG 43 kt) Source: ASOS N POINT (RAC) [38.14, -75.79] Marine Thunderstorm Wind (MG 43 kt) Source: Buoy D CG (CRS) [37.97, -75.88] Marine Thunderstorm Wind (MG 45 kt) Source: Buoy D FIRE DEPARTMENT (CRSFL) [37.98, Marine Thunderstorm Wind (MG 46 kt) Source: Buoy Marine Thunderstorm Wind (MG 36 kt)

Wind gusts in excess of 30 knots were observed at Point Lookout.

A strong cold front passed through during the evening of the 31st. A southerly flow led to warm and humid conditions ahead of the boundary, which caused an unstable atmosphere. The instability along with the cold front caused showers and isolated thunderstorms, some of which were able to mix down strong winds from aloft.

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_ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ISTRICT OF COLUMBIA				
OC-Z001) DISTRICT OF COLUM	BIA			
	10/12/19 05:17 EST		0	Coastal Flood
	10/12/19 21:17 EST		0	
ow pressure remained nearly s ble to advance north into the P	stationary off the Mid-Atlantic Coast during to too to the coast during to too to the coast during to the coast during to the coast during the	his time. Water pi	led up near the mo	outh of the Bay and it was
ISTRICT OF COLUMBIA COUN	TY 1.7 NNE MOUNT PLEASANT [38.95, -7	7.04]		
	10/31/19 21:26 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 21:26 EST		0	Source: NWS Employee
ee down on Colorado Avenue N	Northwest near 16th Street Northwest.			
ISTRICT OF COLUMBIA COUN	TY 1.6 S NATIONAL ARBORETUM [38.90,	-76.97]		
	10/31/19 21:28 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 21:28 EST		0	Source: Emergency Manager
ee down in the 2000 block of G	ales Street Northeast. Tree down in the 1300 l	block of Bladensb	urg Road Northeas	ıt.
- ·	table atmosphere. The instability along with down strong winds from aloft.			,
			•	Coastal Flood
	10/31/19 22:04 EST		0	Coastal Flood
	10/31/19 23:27 EST	his time. Water pi	0	
ble to advance north into the P	10/31/19 23:27 EST	his time. Water pi	0	
ble to advance north into the P	10/31/19 23:27 EST	his time. Water pi	0	
ole to advance north into the P	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during to otomac River.	his time. Water pi	0	
ble to advance north into the P	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during to the during the stationary off the Mid-Atlantic Coast during the stationary of the Mid-Atlantic Coast during	his time. Water pi	0 led up near the mo	outh of the Bay and it was
MD-Z014) ANNE ARUNDEL, (MD-Z014) ANNE ARUNDEL, (MD-Z014) and a compared to advance north during the	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the otomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST	his time. Water pi	0 led up near the mo	outh of the Bay and it was Coastal Flood
IARYLAND, Central MD-Z014) ANNE ARUNDEL, (MD) Ow pressure remained nearly so the to advance north during the	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the totomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12	his time. Water pi	0 led up near the mo	Coastal Flood
IARYLAND, Central MD-Z014) ANNE ARUNDEL, (MD DOW pressure remained nearly sole to advance north during the MD-Z014) ANNE ARUNDEL southerly flow caused anomal	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the otomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST	his time. Water pi	0 led up near the mo	Coastal Flood Coastal Flood Coastal Flood
IARYLAND, Central MD-Z014) ANNE ARUNDEL, (ME ow pressure remained nearly s ble to advance north during the MD-Z014) ANNE ARUNDEL southerly flow caused anomal nnapolis.	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the totomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST	his time. Water pi ith. he Chesapeake B	0 0 0 0 led up near the mo	Coastal Flood Coastal Flood Coastal Flood Coastal Flood Coastal Flood Coastal Flood
IARYLAND, Central MD-Z014) ANNE ARUNDEL, (ME ow pressure remained nearly sole to advance north during the MD-Z014) ANNE ARUNDEL southerly flow caused anomal nnapolis.	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the totomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST	his time. Water pi ith. he Chesapeake B	0 0 0 0 led up near the mo	Coastal Flood Coastal Flood Coastal Flood Coastal Flood Coastal Flood Coastal Flood
IARYLAND, Central MD-Z014) ANNE ARUNDEL, (ME ow pressure remained nearly sole to advance north during the MD-Z014) ANNE ARUNDEL southerly flow caused anomal nnapolis.	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the totomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST lies to increase along the western shore of the coast during the test of the cycles on the 10th through the 12	his time. Water pi ith. he Chesapeake B	0 0 0 led up near the mo 0 0 ay. This led to mo	Coastal Flood Coastal Flood Coastal Flood Coastal Flood Coastal Flood derate flooding at
MARYLAND, Central MD-Z014) ANNE ARUNDEL, (MD ow pressure remained nearly sible to advance north during the MD-Z014) ANNE ARUNDEL A southerly flow caused anomal Annapolis. MD-Z003) WASHINGTON, (MD-Z	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the totomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST lies to increase along the western shore of the company of the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST dis led to radiational cooling, and this caused dis led to radiational cooling, and this caused	his time. Water pi ith. he Chesapeake B -Z502) CENTRAL	0 0 0 led up near the mo 0 0 ay. This led to mo AND EASTERN A 0 0	Coastal Flood Coastal Flood Coastal Flood Coastal Flood Coastal Flood derate flooding at LLEGANY Frost/Freeze
MARYLAND, Central MD-Z014) ANNE ARUNDEL, (MD ow pressure remained nearly s ble to advance north during the MD-Z014) ANNE ARUNDEL southerly flow caused anomal annapolis. MD-Z003) WASHINGTON, (MD-Z dainly clear skies and light wind arere reported to be in the 20s are	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the totomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST lies to increase along the western shore of the company of the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST dis led to radiational cooling, and this caused dis led to radiational cooling, and this caused	his time. Water pi tth. he Chesapeake B -Z502) CENTRAL	0 0 0 led up near the mo 0 0 0 ay. This led to mo AND EASTERN A 0 0 drop to below free	Coastal Flood ount of the Bay and it was Coastal Flood derate flooding at LLEGANY Frost/Freeze ezing. Temperatures
MD-Z014) ANNE ARUNDEL, (MD-Z014) ANNE ARUNDEL, (MD-Z014) ANNE ARUNDEL, (MD-Z014) ANNE ARUNDEL MD-Z014) ANNE ARUNDEL Southerly flow caused anomal nnapolis. MD-Z003) WASHINGTON, (MD-Z014) ANNE ARUNDEL	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the totomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST dies to increase along the western shore of the company of the Western shore of the company of the co	his time. Water pith. he Chesapeake B -Z502) CENTRAL the temperatures to	0 0 0 led up near the mo 0 0 ay. This led to mo AND EASTERN A 0 0 drop to below free L AND EASTERN A	Coastal Flood Coastal Flood Coastal Flood Coastal Flood Coastal Flood derate flooding at LLEGANY Frost/Freeze ezing. Temperatures ALLEGANY, (MD-Z503) NORTHWEST
MARYLAND, Central MD-Z014) ANNE ARUNDEL, (MD-Z014) ANNE ARUNDEL, (MD-Z014) ANNE ARUNDEL MD-Z014) ANNE ARUNDEL MD-Z014) ANNE ARUNDEL MD-Z013) WASHINGTON, (MD-Z014) ANNE ARUNDEL MD-Z003) WASHINGTON, (MD-Z014) ANNE ARUNDEL	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the totomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST lies to increase along the western shore of the stationary of the Western shore of the 10/19/19 01:00 EST 10/19/19 08:00 EST dis led to radiational cooling, and this caused and lower 30s. 2004) FREDERICK, (MD-Z005) CARROLL, (MITRAL AND SOUTHEAST MONTGOMERY, (MITRAL AND SOUTHEAST MONTGOM	his time. Water pith. he Chesapeake B -Z502) CENTRAL the temperatures to	0 0 0 led up near the mo 0 0 0 ay. This led to mo AND EASTERN A 0 0 drop to below free L AND EASTERN A 0	Coastal Flood ount of the Bay and it was Coastal Flood derate flooding at LLEGANY Frost/Freeze ezing. Temperatures
MARYLAND, Central MD-Z014) ANNE ARUNDEL, (MD Low pressure remained nearly stable to advance north during the MD-Z014) ANNE ARUNDEL A southerly flow caused anomal Annapolis. MD-Z003) WASHINGTON, (MD-Z Mainly clear skies and light wind were reported to be in the 20s at MD-Z003) WASHINGTON, (MD-Z	10/31/19 23:27 EST stationary off the Mid-Atlantic Coast during the totomac River. D-Z017) ST. MARY'S, (MD-Z018) CALVERT 10/10/19 22:45 EST 10/13/19 04:30 EST stationary off the Mid-Atlantic Coast during the high tide cycles on the 10th through the 12 10/16/19 16:48 EST 10/16/19 17:54 EST dies to increase along the western shore of the company of the Western shore of the company of the co	his time. Water pith. he Chesapeake B -Z502) CENTRAL the temperatures to	0 0 0 led up near the mo 0 0 ay. This led to mo AND EASTERN A 0 0 drop to below free L AND EASTERN A	Coastal Flood Coastal Flood Coastal Flood Coastal Flood Coastal Flood derate flooding at LLEGANY Frost/Freeze ezing. Temperatures ALLEGANY, (MD-Z503) NORTHWEST

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Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	g temperature inv	ersion, and this l	ed to the development of
10/31/19 18:30 EST		0	Coastal Flood
10/31/19 22:46 EST		0	
e along the western shore of	the Chesapeake B	Bay. This led to m	oderate flooding at
10/31/19 18:54 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 18:54 EST		0	Source: Trained Spotter
s River Road near Whites Ferr	ry Road.		
39.5777.181			
10/31/19 19:07 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 19:07 EST		0	Source: Emergency Manager
Street.			
39 66 -77 241			
10/31/19 19:07 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 19:07 EST		0	Source: Emergency Manager
d.			
[39.36, -77.51]			
10/31/19 19:07 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 19:07 EST		0	Source: Emergency Manager
340 at US-15.			
ARPT [39.60, -77.03]			
10/31/19 19:13 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 19:13 EST		0	Source: Emergency Manager
ad near Pinch Valley Road. Tr	ee reported down	on Uniontown Roa	ad at North Springdale Road.
10/31/19 19:19 EST		0	Thunderstorm Wind (EG 61 kt)
10/31/19 19:19 EST		0	Source: Emergency Manager
•		ad. Large tree dov	wn on wires blocking both directions of
= -		0	Thunderstorm Wind (EG 52 kt)
			Source: Emergency Manager
10,01,10 10.41 201		Ü	232100. Emergency manager
f Darnestown Road and Black	Rock Road.		
[39.41, -76.96]			
10/31/19 19:50 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 19:50 EST		0	Source: Emergency Manager
	### Importance of the control of the	Injuries Imoisture underneath a strong temperature involved one-quarter mile. 10/31/19 18:30 EST 10/31/19 22:46 EST e along the western shore of the Chesapeake E ERRY [39.16, -77.52] 10/31/19 18:54 EST 10/31/19 18:54 EST s River Road near Whites Ferry Road. 39.57, -77.18] 10/31/19 19:07 EST 10/31/19 19:07 EST 10/31/19 19:07 EST d. I[39.36, -77.51] 10/31/19 19:07 EST 10/31/19 19:07 EST 340 at US-15. ARPT [39.60, -77.03] 10/31/19 19:13 EST 10/31/19 19:13 EST ad near Pinch Valley Road. Tree reported down of the composition of the comp	Injuries Crop Dmg Importance underneath a strong temperature inversion, and this I d one-quarter mile. 10/31/19 18:30 EST 0 10/31/19 22:46 EST 0 e along the western shore of the Chesapeake Bay. This led to m ERRY [39.16, -77.52] 10/31/19 18:54 EST 0 s River Road near Whites Ferry Road. 39.57, -77.18] 10/31/19 19:07 EST 0 10/31/19 19:07 EST 0 Street. 39.66, -77.24] 10/31/19 19:07 EST 0 d. 1[39.36, -77.51] 10/31/19 19:07 EST 0 d. ARPT [39.60, -77.03] 10/31/19 19:07 EST 0 340 at US-15. ARPT [39.60, -77.03] 10/31/19 19:13 EST 0 ad near Pinch Valley Road. Tree reported down on Uniontown Road and Pair Pinch Volley Road. Multiple trees down on Back Woods Road. Large tree down reed down in roadway on MD-496. FOWN [39.12, -77.32] 10/31/19 19:41 EST 0 10/31/19 19:41 EST 0 10 Education of December 10/31/19 19:41 EST 0

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/31/19 19:51 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 19:51 EST		0	Source: Emergency Manager
rees down along River Road in Sykesvi	lle.			
CARROLL COUNTY 0.8 WNW ELDEF				
	10/31/19 19:54 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 19:54 EST		0	Source: Emergency Manager
Free reported down in the 6200 block of	West Hemlock Drive.			
HOWARD COUNTY 0.4 WSW LONG			^	Thursday Mind (FO FO M)
	10/31/19 19:56 EST 10/31/19 19:56 EST		0	Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
Powerel trace and wires down along Lang		ith Windoor Force		Source. Emergency Manager
Several trees and wires down along Long	Comer Road flear the intersection w	itii Wiliusoi Foles	i Noau.	
CARROLL COUNTY 1.3 ENE HENRY	TON [39.35, -76.90] 10/31/19 19:59 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 19:59 EST		0	Source: Emergency Manager
Tree reported down on Ridge Road near	Marriotsville Road.			<i>5</i> , <i>6</i>
HOWARD COUNTY 0.4 NNE GLENEL	G [39 28 -77 00]			
IOHAND GOORT I U.4 NINE GLENEL	10/31/19 19:59 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 19:59 EST		0	Source: Emergency Manager
Tree down at the intersection of Burntwo	ods Road and Roscommon Drive.			
HOWARD COUNTY 1.6 NE COOKSVI	LLE [39.34, -77.00] 10/31/19 19:59 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 19:59 EST		0	Source: Emergency Manager
Several trees down along Old Frederick I		le.	-	
HOWARD COUNTY 1.7 ENE MAYFIE	LD [39.31, -76.90]			
	10/31/19 19:59 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 19:59 EST		0	Source: Emergency Manager
Multiple reports of trees down along Marr	iotsville Road north of Albeth Heights			
HOWARD COUNTY 2.4 SW KNOLLW	- · · · -			
	10/31/19 20:34 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:34 EST		0	Source: Emergency Manager
Trees down along MD-97 near the Montg	omery County Line.			
HARFORD COUNTY 0.8 N RUTLEDG				
	10/31/19 20:35 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:35 EST		0	Source: 911 Call Center
Tree down in the 3600 block of Fallston F	Road. Other trees down in the area.			
	YWOOD PARK [39 07 -77 01]			
MONTGOMERY COUNTY 0.4 W HOL				
MONTGOMERY COUNTY 0.4 W HOL	10/31/19 20:42 EST 10/31/19 20:42 EST	1	1.50M 0	Thunderstorm Wind (EG 52 kt) Source: Emergency Manager

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Direct Fatalities: F57VE

HARFORD COUNTY --- 1.7 E WHITEFORD [39.70, -76.32]

	Deaths & njuries	Property & Crop Dmg	Event Type and Details
10/31/19 20:53 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 20:53 EST		0	Source: 911 Call Center
ree down at the intersection of MD-136 and Heaps Road.			
HOWARD COUNTY 0.1 S EAST LIOAK [39.23, -76.88]			
10/31/19 21:04 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 21:04 EST		0	Source: Emergency Manager
Several trees down on the north side of Columbia, Maryland. Tree down at the interse Drive.	ection of Autu	umn Hill Drive and	Bali Road. Tree down on Woodloo
HARFORD COUNTY 0.5 ENE VALE [39.53, -76.39]			
10/31/19 21:15 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 21:15 EST		0	Source: 911 Call Center
ree down on Watervale Road at the intersection with Vale Road.			
IARFORD COUNTY 1.4 E GIBSON [39.58, -76.30]			
10/31/19 21:16 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 21:16 EST		0	Source: 911 Call Center
ree down at Thomas Run Road and Pennington Road.			
CHARLES COUNTY 1.4 E RISON [38.55, -77.15]			
10/31/19 21:32 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/19 21:32 EST Downed tree in the 5500 block of Bicknell Road. Downed tree near Chicamuxen Road lacksontown Road. Downed tree in the 5800 block of Smallwood Church Road. Downed tree in the 5800 block of Smallwood Church Road.			•
Downed tree in the 5500 block of Bicknell Road. Downed tree near Chicamuxen Road lacksontown Road. Downed tree in the 5800 block of Smallwood Church Road. Downed BALTIMORE COUNTY 0.8 NNE WHITE MARSH [39.39, -76.43]		ad Road. Downed	tree near Liverpool Point Road and oorhouse Road.
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Downed tree in the 5500 block of Bicknell Road. Downed tree near Chicamuxen Road lacksontown Road. Downed tree in the 5800 block of Smallwood Church Road. Downed BALTIMORE COUNTY 0.8 NNE WHITE MARSH [39.39, -76.43] 10/31/19 21:35 EST 10/31/19 21:35 EST		ad Road. Downed the 8900 block of P	tree near Liverpool Point Road and oorhouse Road. Thunderstorm Wind (EG 52 kt)
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Downed tree in the 5500 block of Bicknell Road. Downed tree near Chicamuxen Road lacksontown Road. Downed tree in the 5800 block of Smallwood Church Road. Downed tree in the 5800 block of Smallwood Church Road. Downed BALTIMORE COUNTY 0.8 NNE WHITE MARSH [39.39, -76.43] 10/31/19 21:35 EST 10/31/19 21:35 EST Tree reported down on Philadelphia Road near Joppa Road. ANNE ARUNDEL COUNTY 0.8 ESE ODENTON [39.08, -76.69] 10/31/19 21:41 EST 10/31/19 21:41 EST Tree down at the intersection of Higgins Drive and Saint Barbara Lane. CHARLES COUNTY 0.7 NNW SPRINGHILL [38.51, -76.98] 10/31/19 21:56 EST		ad Road. Downed the 8900 block of P 0 0 0	tree near Liverpool Point Road and oorhouse Road. Thunderstorm Wind (EG 52 kt) Source: Emergency Manager Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue
Downed tree in the 5500 block of Bicknell Road. Downed tree near Chicamuxen Road lacksontown Road. Downed tree in the 5800 block of Smallwood Church Road. Downed tree in the 5800 block of Smallwood Church Road. Downed tree in the 5800 block of Smallwood Church Road. Downed tree in the 5800 block of Smallwood Church Road. Downed tree in the 5800 block of Smallwood Church Road. 10/31/19 21:35 EST 10/31/19 21:35 EST 10/31/19 21:35 EST 10/31/19 21:35 EST 10/31/19 21:41 EST 10/31/19 21:41 EST 10/31/19 21:41 EST 10/31/19 21:56		ad Road. Downed lee 8900 block of P 0 0 0 0	tree near Liverpool Point Road and oorhouse Road. Thunderstorm Wind (EG 52 kt) Source: Emergency Manager Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
Downed tree in the 5500 block of Bicknell Road. Downed tree near Chicamuxen Road acksontown Road. Downed tree in the 5800 block of Smallwood Church Road. Downed BALTIMORE COUNTY 0.8 NNE WHITE MARSH [39.39, -76.43] 10/31/19 21:35 EST 10/31/19 21:35 EST Tree reported down on Philadelphia Road near Joppa Road. ANNE ARUNDEL COUNTY 0.8 ESE ODENTON [39.08, -76.69] 10/31/19 21:41 EST 10/31/19 21:41 EST Tree down at the intersection of Higgins Drive and Saint Barbara Lane. CHARLES COUNTY 0.7 NNW SPRINGHILL [38.51, -76.98] 10/31/19 21:56 EST Downed tree in the 7400 block of Crain Highway. ANNE ARUNDEL COUNTY 0.3 E ARUNDEL ON THE BAY [38.92, -76.46] 10/31/19 22:02 EST		ad Road. Downed the 8900 block of P 0 0 0	tree near Liverpool Point Road and oorhouse Road. Thunderstorm Wind (EG 52 kt) Source: Emergency Manager Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue Thunderstorm Wind (EG 52 kt) Source: 911 Call Center
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Downed tree in the 5500 block of Bicknell Road. Downed tree near Chicamuxen Road lacksontown Road. Downed tree in the 5800 block of Smallwood Church Road. Downed lacksontown Road. Downed tree in the 5800 block of Smallwood Church Road. Downed Lacksontown Road. Downed Lacksontown Road. Downed Lacksontown Road. Balance Lacksontown	rned tree in th	ad Road. Downed the 8900 block of P 0 0 0 0 0 0 of water a couple	tree near Liverpool Point Road and oorhouse Road. Thunderstorm Wind (EG 52 kt) Source: Emergency Manager Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (EG 70 kt) Source: Public hundred feet onto land.
Downed tree in the 5500 block of Bicknell Road. Downed tree near Chicamuxen Road lacksontown Road. Downed tree in the 5800 block of Smallwood Church Road. Downed tree in the 5800 block of Smallwood Church Road. Downed tree in the 5800 block of Smallwood Church Road. Downed tree in 10/31/19 21:35 EST 10/31/19 21:35 EST 10/31/19 21:35 EST Tree reported down on Philadelphia Road near Joppa Road. ANNE ARUNDEL COUNTY 0.8 ESE ODENTON [39.08, -76.69] 10/31/19 21:41 EST 10/31/19 21:41 EST Tree down at the intersection of Higgins Drive and Saint Barbara Lane. CHARLES COUNTY 0.7 NNW SPRINGHILL [38.51, -76.98] 10/31/19 21:56 EST 10/31/19 21:56 EST 10/31/19 22:56 EST 10/31/19 22:02 EST 10/31/19 22:02 EST 10/31/19 22:02 EST 10/31/19 22:02 EST	rned tree in th	ad Road. Downed the 8900 block of P 0 0 0 0 0 0 0 0	tree near Liverpool Point Road and oorhouse Road. Thunderstorm Wind (EG 52 kt) Source: Emergency Manager Thunderstorm Wind (EG 52 kt) Source: Fire Department/Rescue Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (EG 70 kt) Source: Public

Downed tree near the intersection of Rock Point Road and Delozier Farm Road. Large tree uprooted. Another large tree down. Tin roof torn off shed. Skirting partially ripped off trailer. Boat blown off boat trailer.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ST. MARY'S COUNTY 0.8 N COLTON [38.2	24, -76.75]			
	10/31/19 22:22 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 22:22 EST		0	Source: Emergency Manager
Tree down in the 20900 block of Golden Thom	pson Road.			
CALVERT COUNTY 1.7 E DUNKIRK [38.72	., -76.64]			
	10/31/19 22:25 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 22:25 EST		0	Source: 911 Call Center
Tree down at the intersection of Ward Road an	nd Haven Road. Tree down at W	/illows Road and B	ayside Road.	
ST. MARY'S COUNTY 2.4 SSW HILLVILLE	[38.34, -76.64]			
	10/31/19 22:25 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 22:25 EST		0	Source: Emergency Manager
Tree down in the 24400 block of Mcintosh Roa	ad.			
CALVERT COUNTY 2.0 E STOAKLEY [38.	57, -76.561			
	10/31/19 22:30 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 22:30 EST		0	Source: 911 Call Center
Tree damage at the intersection of Clay Hamn	nond Road and Oliver Drive. Tre	e down in the 300	block of Shannon A	Avenue.
CALVERT COUNTY 1.0 SW KENWOOD BE	EACH [38.4976.51]			
	10/31/19 22:33 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 22:33 EST		0	Source: 911 Call Center
Tree down at the intersection of Saint Leonard	Road and West Shores Bouleve	ard.		
ST. MARY'S COUNTY 1.2 NW CALLAWAY	[38.2476.53]			
	10/31/19 22:35 EST		0	Thunderstorm Wind (EG 61 kt)
	10/31/19 22:35 EST		0	Source: Emergency Manager
Tree down in the 44400 block of Boxwood Driv and in the 20600 block of Vintage Lane in Lex		k of Golden Road l	Drive. Trees down i	n the 21100 block of Tri Community Way
CALVERT COUNTY 0.4 WNW DRUM PT [3			0	There I and the Min I (FO 50 II)
	10/31/19 22:42 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 22:42 EST		0	Source: Emergency Manager
Tree down in the 100 block of Leason Cove D	rive.			
ST. MARY'S COUNTY 1.4 NE DRAYDEN [3	88.20, -76.47]			
	10/31/19 22:46 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 22:46 EST		0	Source: Emergency Manager
Tree down in the 46600 block of Frogs March	Road.			
ST. MARY'S COUNTY 0.9 SSE ST INIGOES	S [38.14, -76.39]			
	10/31/19 22:59 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 22:59 EST		0	Source: Emergency Manager
				· · · · · · ·
Tree down in the 17300 block of Whitaker Roa	nd			

Tree down in the 17300 block of Whitaker Road.

A strong cold front passed through during the evening of the 31st. A southerly flow led to warm and humid conditions ahead of the boundary, which caused an unstable atmosphere. The instability along with the cold front caused showers and isolated thunderstorms, some of which were able to mix down strong winds from aloft.

MONTGOMERY COUNTY --- 0.9 SE DAMASCUS [39.27, -77.19], 1.3 SE DAMASCUS [39.27, -77.18], 1.3 SE DAMASCUS [39.27, -77.18], 1.0 SE DAMASCUS [39.27, -77.19]

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/31/19 20:22 EST		0	Flood (due to Heavy Rain)
	10/31/19 22:22 EST		0	Source: Trained Spotter
The upper Seneca Creek was flooded over eet deep.	er Hawkins Creamery Road between	Johnson Farm Driv	ve and Woodfield S	School Road. Water was about three
MONTGOMERY COUNTY 0.8 N SENE	CA [39.09, -77.33], 2.1 S SENECA [3: 10/31/19 21:26 EST	9.05, -77.34], 2.2 S	SENECA [39.05, -	-77.32], 0.9 NE SENECA [39.09 , -77.32] Flood (due to Heavy Rain)
	10/31/19 23:59 EST		0	Source: River/Stream Gage
Portions of the Seneca Creek Greenway wuntil 11:37 AM EST on November 1st.	were flooded. A small portion of Berry	ville Road west of	Darnestown was a	also flooded. The flooding continued
HOWARD COUNTY 0.3 W ELLICOTT (WSW ELLICOTT CITY [39.27, -76.80]	CITY [39.27, -76.80], 0.3 WSW ELLIC	OTT CITY [39.27,	-76.80], 0.1 SW EL	LICOTT CITY [39.27, -76.80], 0.1
WOW ELLIOOT 1 OIT 1 [05.27, -76.50]	10/31/19 21:30 EST		0	Flood (due to Heavy Rain)
	10/31/19 23:30 EST		0	Source: Public
Three to twelve inches of water were flow	ing along the road in the 8500 and 86	300 Blocks of Fred	erick Road.	
BALTIMORE COUNTY 1.0 ENE WOOD	DLAWN [39.33, -76.71], 0.9 ENE WOO		76.71], 0.9 ENE WO	OODLAWN [39.33, -76.71], 1.0 ENE
WOODLAWN [39.33, -76.71]	10/31/19 21:38 EST		0	Flood (due to Heavy Rain)
	10/31/19 23:38 EST		0	Source: Emergency Manager
	10/01/10 20:00 E01		•	234.00. Emergency Manager
A water rescue occurred near the intersec	ction of Gwyndale and Gwynnmore A	venues.		
MONTGOMERY COUNTY 0.7 NNW CL CLOPPER [39.16, -77.23]	OPPER [39.16, -77.23], 0.7 NNW CL	OPPER [39.16, -77	7.23], 0.7 NNW CLC	OPPER [39.16, -77.23], 0.8 NNW
	10/31/19 21:49 EST		20K	Flash Flood (due to Heavy Rain)
	10/31/19 23:30 EST		0	Source: Fire Department/Rescue
A car was stranded in high water on Gam	e Preserve Road near Great Seneca	Creek.		
MONTGOMERY COUNTY 1.0 SSW PU		AR GROVE [39.26	6, -77.24], 1.0 NNW	/ CEDAR GROVE [39.26, -77.24], 1.0
SSW PURDUM [39.27, -77.24]	10/31/19 22:05 EST		0	Flood (due to Heavy Rain)
	10/31/19 23:59 EST		0	Source: COOP Observer
				333.33.
		with Stringtown Ro	ad.	
Water was flowing over the bridge on Kinoุ	gs Valley Road near the intersection t	with Stringtown its		
HOWARD COUNTY 0.3 SSW BRINKLE	EIGH MANOR [39.28, -76.83], 0.4 SS		ANOR [39.28, -76.	83], 0.3 SSW BRINKLEIGH MANOR
HOWARD COUNTY 0.3 SSW BRINKLE	EIGH MANOR [39.28, -76.83], 0.4 SS		ANOR [39.28, -76.	83], 0.3 SSW BRINKLEIGH MANOR Flood (due to Heavy Rain)
HOWARD COUNTY 0.3 SSW BRINKLE	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83]			-
HOWARD COUNTY 0.3 SSW BRINKLE [39.28, -76.83], 0.3 SSW BRINKLEIGH MA	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83] 10/31/19 22:08 EST 10/31/19 23:59 EST		0	Flood (due to Heavy Rain)
HOWARD COUNTY 0.3 SSW BRINKLE [39.28, -76.83], 0.3 SSW BRINKLEIGH MA	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83] 10/31/19 22:08 EST 10/31/19 23:59 EST Rooding at Plum Tree Branch.	W BRINKLEIGH M	0	Flood (due to Heavy Rain) Source: Trained Spotter
HOWARD COUNTY 0.3 SSW BRINKLE (39.28, -76.83], 0.3 SSW BRINKLEIGH MA North Chatham Road was closed due to fl BALTIMORE COUNTY 0.1 S BROOKL	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83] 10/31/19 22:08 EST 10/31/19 23:59 EST Blooding at Plum Tree Branch. ANDVILLE [39.42, -76.67], 0.1 SSE E	W BRINKLEIGH M	0 0 E [39.42, -76.67], 0	Flood (due to Heavy Rain) Source: Trained Spotter 1.1 SSE BROOKLANDVILLE [39.42,
HOWARD COUNTY 0.3 SSW BRINKLE [39.28, -76.83], 0.3 SSW BRINKLEIGH MA North Chatham Road was closed due to fl BALTIMORE COUNTY 0.1 S BROOKL	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83] 10/31/19 22:08 EST 10/31/19 23:59 EST Prooding at Plum Tree Branch. ANDVILLE [39.42, -76.67], 0.1 SSE E.42, -76.67]	W BRINKLEIGH M	0 0 0 E [39.42, -76.67], 0	Flood (due to Heavy Rain) Source: Trained Spotter 7.1 SSE BROOKLANDVILLE [39.42, Flood (due to Heavy Rain)
HOWARD COUNTY 0.3 SSW BRINKLE [39.28, -76.83], 0.3 SSW BRINKLEIGH MA North Chatham Road was closed due to fl BALTIMORE COUNTY 0.1 S BROOKL	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83] 10/31/19 22:08 EST 10/31/19 23:59 EST Blooding at Plum Tree Branch. ANDVILLE [39.42, -76.67], 0.1 SSE E	W BRINKLEIGH M	0 0 E [39.42, -76.67], 0	Flood (due to Heavy Rain) Source: Trained Spotter 1.1 SSE BROOKLANDVILLE [39.42,
HOWARD COUNTY 0.3 SSW BRINKLE [39.28, -76.83], 0.3 SSW BRINKLEIGH MA North Chatham Road was closed due to fl BALTIMORE COUNTY 0.1 S BROOKL -76.67], 0.1 SSE BROOKLANDVILLE [39.	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83] 10/31/19 22:08 EST 10/31/19 23:59 EST Blooding at Plum Tree Branch. ANDVILLE [39.42, -76.67], 0.1 SSE E.42, -76.67] 10/31/19 22:20 EST 10/31/19 23:59 EST	W BRINKLEIGH M	0 0 0 E [39.42, -76.67], 0	Flood (due to Heavy Rain) Source: Trained Spotter 7.1 SSE BROOKLANDVILLE [39.42, Flood (due to Heavy Rain)
HOWARD COUNTY 0.3 SSW BRINKLE [39.28, -76.83], 0.3 SSW BRINKLEIGH MA North Chatham Road was closed due to fl BALTIMORE COUNTY 0.1 S BROOKL -76.67], 0.1 SSE BROOKLANDVILLE [39. A road was closed near Falls Road and Jo BALTIMORE COUNTY 5.9 WSW GRAN	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83] 10/31/19 22:08 EST 10/31/19 23:59 EST Properties of the state	W BRINKLEIGH M	0 0 0 E [39.42, -76.67], 0 0	Flood (due to Heavy Rain) Source: Trained Spotter 1.1 SSE BROOKLANDVILLE [39.42, Flood (due to Heavy Rain) Source: State Official
Water was flowing over the bridge on King HOWARD COUNTY 0.3 SSW BRINKLE [39.28, -76.83], 0.3 SSW BRINKLEIGH MA North Chatham Road was closed due to fl BALTIMORE COUNTY 0.1 S BROOKL -76.67], 0.1 SSE BROOKLANDVILLE [39. A road was closed near Falls Road and Jo BALTIMORE COUNTY 5.9 WSW GRAM [39.31, -76.96]	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83] 10/31/19 22:08 EST 10/31/19 23:59 EST Properties of the state	W BRINKLEIGH M	0 0 0 E [39.42, -76.67], 0 0 0	Flood (due to Heavy Rain) Source: Trained Spotter 1.1 SSE BROOKLANDVILLE [39.42, Flood (due to Heavy Rain) Source: State Official TE [39.30, -76.96], 5.8 WSW GRANITE
HOWARD COUNTY 0.3 SSW BRINKLE [39.28, -76.83], 0.3 SSW BRINKLEIGH MA North Chatham Road was closed due to fl BALTIMORE COUNTY 0.1 S BROOKL -76.67], 0.1 SSE BROOKLANDVILLE [39. A road was closed near Falls Road and Jo BALTIMORE COUNTY 5.9 WSW GRAN	EIGH MANOR [39.28, -76.83], 0.4 SSI ANOR [39.28, -76.83] 10/31/19 22:08 EST 10/31/19 23:59 EST Properties of the state	W BRINKLEIGH M	0 0 0 E [39.42, -76.67], 0 0	Flood (due to Heavy Rain) Source: Trained Spotter 1.1 SSE BROOKLANDVILLE [39.42, Flood (due to Heavy Rain) Source: State Official

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE CITY (C) COUNTY 0.7 S	E LEAHIGH [39.36, -76.69], 0.7 SE LE	AHIGH [39.36, -7	6.69], 0.7 SE LEAH	IIGH [39.36, -76.69], 0.7 SE LEAHIGH
[39.36, -76.69]	10/31/19 22:25 EST		0	Flash Flood (due to Heavy Rain)
	10/31/19 23:59 EST		0	Source: Emergency Manager
West Strathmore Road was closed due t		vith Cross Country		Course. Emergency manager
BALTIMORE COUNTY 1.6 S BARE H	II I S 139 33 -76 681 1 9 SSF BARE H	II I S [39 32 -76 6	71 19 SSE BARE	HII I S [39 32 .76 67] 1 7 S RARE
HILLS [39.33, -76.68]	1220 [00:00, -70:00], 1:0 002 BAKE 11	1220 [00:02, -70:0	7, 1.5 OOL BAILE	THEE (03.02, -70.07), 1.7 0 DANE
	10/31/19 22:25 EST		0	Flood (due to Heavy Rain)
	10/31/19 23:59 EST		0	Source: Emergency Manager
West Forest Park Avenue was closed du	e to flooding.			
BALTIMORE COUNTY 5.9 E LAWND	ALE [39.52, -76.77], 5.8 E LAWNDALE	E [39.51, -76.77], 5	5.9 E LAWNDALE [39.51, -76.77], 5.9 E LAWNDALE
[39.52, -76.77]	10/31/19 22:28 EST		0	Flood (due to Heavy Rain)
	10/31/19 22:28 EST 10/31/19 22:34 EST		0	Source: River/Stream Gage
	10/01/18 22.04 E01		U	Couloe. Myel/Ollean Gaye
Agricultural flooding took place.				
BALTIMORE COUNTY 6.6 WNW HER HERNWOOD [39.41, -76.98]	NWOOD [39.40, -76.99], 6.4 W HERN	WOOD [39.39, -76	5.99], 5.7 W HERNV	NOOD [39.39, -76.98], 6.2 WNW
TERRITO OD [55.41, -76.50]	10/31/19 22:28 EST		0	Flood (due to Heavy Rain)
	10/31/19 22:34 EST		0	Source: River/Stream Gage
Agricultural flooding took place.				
HOWARD COUNTY 3.0 ENE ELKRID [39.23, -76.66]	GE [39.23, -76.67], 3.0 ENE ELKRIDG	E [39.23, -76.67],	3.1 ENE ELKRIDG	E [39.23, -76.66], 3.1 ENE ELKRIDGE
[55.25, -76.66]	10/31/19 22:56 EST		0	Flood (due to Heavy Rain)
	10/31/19 23:59 EST		0	Source: River/Stream Gage
Hammonds Ferry Road floods and was of flooding continued until 11:05 AM EST of	· ·	er flooding likely le	ed to the closure of	Furnace Avenue in Elkridge. The
BALTIMORE COUNTY 0.7 SSW GLEI	NCOE [39.54, -76.64], 0.9 NNE SPAR	(S [39.54, -76.64],	0.7 NE SPARKS [39.54, -76.64], 0.9 SSW GLENCOE
[39.54, -76.64]	10/31/19 23:30 EST		0	Flood (due to Heavy Rain)
	10/31/19 23:59 EST		0	Source: River/Stream Gage
Water entered buildings off Sparks Road	and portions of Home Road began to	flood.		
BALTIMORE COUNTY 0.7 SSW GLEI	NCOE [39.54, -76.64], 0.9 NNE SPAR	KS [39.54, -76.64],	, 0.7 NE SPARKS [39.54, -76.64], 0.9 SSW GLENCOE
[39.54, -76.64]			_	
	10/31/19 23:30 EST		0	Flood (due to Heavy Rain)
	10/31/19 23:59 EST		0	Source: River/Stream Gage
Water entered buildings off Sparks Road	and portions of Home Road began to	flood. The floodin	g continued until N	ovember 1st at 6:57 AM EST.
A strong cold front passed through the and the moisture combined with a stro	-		plenty of moisture	ahead of the boundary,
VIRGINIA, North				

10/12/19 05:25 EST

10/12/19 21:30 EST

(VA-Z054) ARLINGTON

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Coastal Flood

0

0

Event Type and Details Location Date/Time Deaths & Property & Injuries Crop Dmg Low pressure remained nearly stationary off the Mid-Atlantic Coast during this time. Water piled up near the mount of the Bay and it was able to advance north into the Potomac River. (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z504) EASTERN HIGHLAND 10/14/19 05:00 EST 0 Dense Fog 10/14/19 08:00 EST 0 Mainly clear skies and light winds combined with saturated soils led to the development of fog. Visibility was reported to be around one-quarter mile. (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND 10/19/19 01:00 EST 10/19/19 08:00 FST 0 Mainly clear skies and light winds led to radiational cooling, and this caused temperatures to drop to below freezing. Temperatures were reported to be in the 20s and lower 30s. (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN 10/22/19 22:00 EST 0 Dense Foo 10/23/19 05:00 EST 0 An onshore flow led to increasing amounts of moisture underneath a strong temperature inversion, and this led to the development of dense fog. Visibility was reported to be around one-quarter mile. FAIRFAX COUNTY --- 1.0 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24] 10/27/19 10:14 EST 0 Flood (due to Heavy Rain) 10/27/19 11:31 EST 0 Source: River/Stream Gage Woodburn Road was covered by approximately six inches of water at its lowest point. Portions of the Cross County Trail are also flooded. A cold front passed through and a deep layer of moisture ahead of the boundary caused locally heavy rainfall. HIGHLAND COUNTY --- 0.8 NW HIGHTOWN [38.44, -79.64] 0 Thunderstorm Wind (EG 52 kt) 10/31/19 15:54 EST 10/31/19 15:54 EST 0 Source: 911 Call Center A tree was reported down in the 12000 block of Mountain Turnpike. ROCKINGHAM COUNTY --- 1.4 NE HUPP [38.64, -78.71], 1.9 NNE HUPP [38.64, -78.71] 10/31/19 17:04 EST 30K Tornado (EF0, L: 0.54 mi, W: 25 yd) Λ 10/31/19 17:05 FST Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The tornado appeared to begin in a corn field of southwest side of Henkel Lane, where corn stanarrow, meandering path, over an area about path meandered northeastward, it crossed a gmost of which had substantial numbers of their snapped off. It then proceeded across an old be destroyed. A 2 by 6 piece of lumber from the be windshield of a nearby SUV, whose hood was wind.	alks were flattened in a 25 yards wide. As this rove of healthy trees, r large top branches parn which was parn impaled the			
Damage continued across a corn field on the r Lane. A small shed was destroyed on a proper VA-211 New Market Road. Here a small tree w several branches were downed across the road	rty just south of vas uprooted, and			
In addition, several large trees were downed a all facing the same direction about a mile and southwest of the confirmed tornado path.	•			
RAPPAHANNOCK COUNTY 0.3 NE HUNTI	LY [38.83, -78.12]			
	10/31/19 17:54 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 17:54 EST		0	Source: 911 Call Center
A tree was down on Zachary Taylor Road at H	lume Road.			
LOUDOUN COUNTY 1.0 SW BLUEMONT [39.11, -77.83]			
	10/31/19 18:06 EST		0	Thunderstorm Wind (EG 61 kt)
	10/31/19 18:06 EST		0	Source: Law Enforcement
Numerous trees were down with roads closed	in Bluemont, including near Fogg	y Bottom Road ar	d Hollow Oak Road	is.
CULPEPER COUNTY 2.0 E WHITE SHOP [=		0	There have been Mire 1 (FO 50 III)
	10/31/19 18:21 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 18:21 EST		0	Source: 911 Call Center
Trees and wires were down on James Madiso	n Highway near Kettle Club Road	l.		
CULPEPER COUNTY 2.5 SW CULPEPER	[38.45, -78.03]			
	10/31/19 18:23 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 18:23 EST		0	Source: 911 Call Center
A tree was down on Hoover Road near True B	llue Lane.			
CULPEPER COUNTY 1.5 NNW INLET [38.5	50, -77.94]			
	10/31/19 18:27 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 18:27 EST		0	Source: 911 Call Center
Tree down on Inlet Road near Brandy Road.				
NELSON COUNTY 2.3 S AVON [37.97, -78.	.84]			
• , ,	10/31/19 18:28 EST		0	Thunderstorm Wind (EG 61 kt)
	10/31/19 18:28 EST		0	Source: Public
Nearly three dozen trees were uprooted on pro	operty along Falling Springs Drive	.		
LOUDOUN COUNTY 1.8 SSE LOVETTSVIL	LE [39.24, -77.62]			
	10/31/19 18:35 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 18:35 EST		0	Source: Law Enforcement
A tree was down on Georges Mill Road at Stev	vens Road. A tree was also down	on Orrison Road	at Featherbed Lane	ì.

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LOUDOUN COUNTY --- 1.4 WNW PURCELLVILLE [39.15, -77.75]

10/31/19 18:50 EST 0 10/31/19 18:00 EST 0 10/31/19 19:00 EST 0 10/31/19 19:00 EST 0 10/31/19 19:00 EST 0 10/31/19 19:00 EST 0 10/31/19 19:07 EST 0 10/31/19 19:31 EST 0 10/31/19 19:33 EST 0 10/31/19 19:39 EST 0 10/31/19 19:44 EST 0	Event Type and Details
ANGE COUNTY 0.9 W BURR HILL [38.35, -77.89] 10/31/19 19:39 EST 0 2 3 BURNEY 0.9 ENE LIGNUM [38.42, -77.81] 10/31/19 19:39 EST 0 3 BURNEY 0.9 ENE LIGNUM [38.42, -77.95] 10/31/19 19:39 EST 0 3 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 3 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 3 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 3 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:39 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 5 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 6 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 7 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 8 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 9 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 9 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 9 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 9 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:44 EST 0 9 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:44 EST 0 9 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:44 EST 0 9 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:44 EST 0 9 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31/19 19:44 EST 0 9 BURNEY 0.9 EVERONA [38.38, -77.99] 10/31	Thunderstorm Wind (EG 61 kt)
10/31/19 19:00 EST 0 10/31/19 19:07 EST	Source: Law Enforcement
10/31/19 19:00 EST 0 10/31/19 19:07 EST 0 10/31/19 19:07 EST 0 10/31/19 19:07 EST 0 20 as and wires were down along Stevens Loop at Home Again Drive. SANGE COUNTY 0.2 NNW ORANGE [38.25, -78.12] 10/31/19 19:31 EST 0 10/31/19 19:31 EST 0 10/31/19 19:31 EST 0 10/31/19 19:31 EST 0 20 as was down at Spicers Mill Road and Miller Road. A tree was down in the 14100 block of Old Gordonsville Road. A tree was down and Old Gordonsville Road. A tree was down on Little Zion Road at Tomahawk Creek Road. SANGE COUNTY 0.9 W BURR HILL [38.35, -77.89] 10/31/19 19:33 EST 0 20 as was down along the 28000 block of Raccoon Ford Road. PEPER COUNTY 0.9 ENE LIGNUM [38.42, -77.81] 10/31/19 19:39 EST 0 10/31/19 19:39 EST 0 10/31/19 19:39 EST 0 20 as was down on Eleyes Ford Road. ANGE COUNTY 1.3 E UNIONVILLE [38.27, -77.95] 10/31/19 19:39 EST 0 21 as was down on VA-20 Constitution Highway at Ivy Lane. A tree was also down along the 11300 block of US-522 Z 21 ANGE COUNTY 5.5 N EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 10/31/19 19:42 EST 0 10/31/19 19:42 EST 0 10/31/19 19:42 EST 0 10/31/19 19:44 EST 0 2 reported down in the 15000 block of Inlet Road. PEPER COUNTY 1.4 NNW INLET [38.50, -77.94] 10/31/19 19:44 EST 0 2 reported down in the 15000 block of Inlet Road.	าurch Road.
10/31/19 19:00 EST 0 see was down closing Limestone School Road. EENE COUNTY 0.7 NNW QUINQUE [38.26, -78.40] 10/31/19 19:07 EST 0 10/31/19 19:07 EST 0 see and wires were down along Stevens Loop at Home Again Drive. ANGE COUNTY 0.2 NNW ORANGE [38.25, -78.12] 10/31/19 19:31 EST 0 10/31/19 19:33 EST 0 10/31/19 19:33 EST 0 10/31/19 19:33 EST 0 10/31/19 19:33 EST 0 10/31/19 19:39 EST 0 10/31/19 19:42 EST 0 10/31/19 19:44 EST 0	Thunderstown Wind (FC 50 lt)
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PEPER COUNTY 0.9 ENE LIGNUM [38.42, -77.81] 10/31/19 19:39 EST 0 10/31/19 19:42 EST 0 10/31/19 19:44 EST 0	Thunderstorm Wind (EG 52 kt)
PEPER COUNTY 0.9 ENE LIGNUM [38.42, -77.81] 10/31/19 19:39 EST 0 tiple trees were down on Eleyes Ford Road. ANGE COUNTY 1.3 E UNIONVILLE [38.27, -77.95] 10/31/19 19:39 EST 0 10/31/19 19:39 EST 0 20	Source: 911 Call Center
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ANGE COUNTY 1.3 E UNIONVILLE [38.27, -77.95] 10/31/19 19:39 EST 0 20	Thunderstorm Wind (EG 61 kt)
ANGE COUNTY 1.3 E UNIONVILLE [38.27, -77.95] 10/31/19 19:39 EST 0 10/31/19 19:39 EST 0 ave was down on VA-20 Constitution Highway at Ivy Lane. A tree was also down along the 11300 block of US-522 Z ANGE COUNTY 5.5 N EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 10/31/19 19:42 EST 0 tiple trees were down on US-522 Zachary Taylor Highway. A tree was also down along the 20000 block of Mount Polyana (19.31) 10/31/19 19:44 EST 0	Source: 911 Call Center
10/31/19 19:39 EST 0 10/31/19 19:39 EST 0 see was down on VA-20 Constitution Highway at Ivy Lane. A tree was also down along the 11300 block of US-522 Zange County 5.5 N EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 10/31/19 19:42 EST 0 tiple trees were down on US-522 Zachary Taylor Highway. A tree was also down along the 20000 block of Mount Polyper County 1.4 NNW INLET [38.50, -77.94] 10/31/19 19:44 EST 0 10/31/19 19:44 EST 0 10/31/19 19:44 EST 0 10/31/19 19:44 EST 0	
10/31/19 19:39 EST 0 see was down on VA-20 Constitution Highway at Ivy Lane. A tree was also down along the 11300 block of US-522 Zeange County 5.5 N EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 10/31/19 19:42 EST 0 tiple trees were down on US-522 Zachary Taylor Highway. A tree was also down along the 20000 block of Mount Polyana (County 1.4 NNW INLET [38.50, -77.94] 10/31/19 19:44 EST 0 10/31/19 19:44 EST 0 reported down in the 15000 block of Inlet Road. PEPER COUNTY 2.6 W RACCOON FORD [38.37, -77.98] 10/31/19 19:44 EST 0	
PEPER COUNTY 2.6 W RACCOON FORD [38.37, -77.98] 10/31/19 19:44 EST 0	Thunderstorm Wind (EG 52 kt)
ANGE COUNTY 5.5 N EVERONA [38.38, -77.99] 10/31/19 19:42 EST 0 tiple trees were down on US-522 Zachary Taylor Highway. A tree was also down along the 20000 block of Mount Pour Pour Pour Pour Pour Pour Pour Pour	Source: 911 Call Center
10/31/19 19:42 EST 0 10/31/19 19:42 EST 0 tiple trees were down on US-522 Zachary Taylor Highway. A tree was also down along the 20000 block of Mount Polyper County 1.4 NNW INLET [38.50, -77.94] 10/31/19 19:44 EST 0 10/31/19 19:44 EST 0 e reported down in the 15000 block of Inlet Road. PEPER COUNTY 2.6 W RACCOON FORD [38.37, -77.98] 10/31/19 19:44 EST 0	Zachary Taylor Highway.
10/31/19 19:42 EST 0 tiple trees were down on US-522 Zachary Taylor Highway. A tree was also down along the 20000 block of Mount Polyper COUNTY 1.4 NNW INLET [38.50, -77.94] 10/31/19 19:44 EST 0 10/31/19 19:44 EST 0 e reported down in the 15000 block of Inlet Road. PEPER COUNTY 2.6 W RACCOON FORD [38.37, -77.98] 10/31/19 19:44 EST 0	
### PEPER COUNTY 1.4 NNW INLET [38.50, -77.94] 10/31/19 19:44 EST 0 10/31/19 19:44 EST 0 e reported down in the 15000 block of Inlet Road. **PEPER COUNTY 2.6 W RACCOON FORD [38.37, -77.98] 10/31/19 19:44 EST 0	Thunderstorm Wind (EG 61 kt)
PEPER COUNTY 1.4 NNW INLET [38.50, -77.94] 10/31/19 19:44 EST 0 10/31/19 19:44 EST 0 e reported down in the 15000 block of Inlet Road. PEPER COUNTY 2.6 W RACCOON FORD [38.37, -77.98] 10/31/19 19:44 EST 0	Source: 911 Call Center
10/31/19 19:44 EST 0 10/31/19 19:44 EST 0 e reported down in the 15000 block of Inlet Road.	Pony Road.
10/31/19 19:44 EST 0 e reported down in the 15000 block of Inlet Road. PEPER COUNTY 2.6 W RACCOON FORD [38.37, -77.98] 10/31/19 19:44 EST 0	
PEPER COUNTY 2.6 W RACCOON FORD [38.37, -77.98] 10/31/19 19:44 EST 0	Thunderstorm Wind (EG 52 kt)
PEPER COUNTY 2.6 W RACCOON FORD [38.37, -77.98] 10/31/19 19:44 EST 0	Source: 911 Call Center
10/31/19 19:44 EST 0	
	Thunderstorm Wind (EG 61 kt)
10/31/19 19:44 EST 0	Source: 911 Call Center
tiple trees were reported down on the Algonquin Trail.	

FAUQUIER COUNTY --- 1.6 NW MIDLAND [38.61, -77.74]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/31/19 19:48 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 19:48 EST		0	Source: 911 Call Center
A tree was down on Messick Road at Germa	antown Road. A second tree was o	down in the 5500 b	lock of Germantow	n Road.
CULPEPER COUNTY 1.6 NW STEVENSE				
	10/31/19 19:50 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 19:50 EST		0	Source: 911 Call Center
A tree was down on Stevensburg Road near	Greens Corner Road. A tree was	also down in the 1	7000 block of Carr	ico Mills Road.
FAUQUIER COUNTY 0.4 WNW MIDLAND]		
	10/31/19 19:50 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 19:50 EST		0	Source: 911 Call Center
Tree reported down in the 11000 block of Ro	ougues Road.			
AUQUIER COUNTY 0.2 E SOWEGO [38	3.60, -77.57]			
	10/31/19 20:00 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:00 EST		0	Source: 911 Call Center
Tree reported down in 2700 block of Dumfrie Road.	es Road. Tree reported down in 14	100 block of Swoeg	o Road. Tree repo	rted down in the 8100 block of Burwell
PRINCE WILLIAM COUNTY 1.0 ESE LIM	STRONG [38.71, -77.45] 10/31/19 20:05 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:05 EST		0	Source: 911 Call Center
Tree down in the 8400 block of Briarmont La		Centreville Road.		
PRINCE WILLIAM COUNTY 1.5 ENE GAI	NESVILLE [38.81, -77.57] 10/31/19 20:05 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:05 EST		0	Source: 911 Call Center
Tree down at intersection of Pageland Road	and US-29 Lee Highway. Tree do	own on Waterfall Ro	oad at Duck Lane.	
FAIRFAX COUNTY 1.4 NNE VALE [38.90	, -77.34]			
	10/31/19 20:11 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:11 EST		0	Source: 911 Call Center
Tree down on Rifle Ridge Road. Tree also d	own on Adel Road at Samaga Driv	ve.		
SPOTSYLVANIA COUNTY CHANCELLO	RSVILLE [38.30, -77.63]			
	10/31/19 20:15 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:15 EST		0	Source: Emergency Manager
Trees down along VA-3 in Chancellorsville.	Tree down along Brock Road.			
FAIRFAX COUNTY 0.6 WNW VIENNA [38	3.90, -77.28]			
	10/31/19 20:17 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:17 EST		0	Source: 911 Call Center
Tree down on Riviera Drive at Corsica Stree	t. Tree down on Woodrow Street a	at Stryker Avenue.	Tree down on Hill F	Road at Ivy Lane.
STAFFORD COUNTY 2.5 WNW STAFFO	RD [38.43, -77.44]			
	10/31/19 20:24 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:24 EST		0	Source: 911 Call Center
Trees down along Courthouse Road.				

PRINCE WILLIAM COUNTY --- 0.8 ENE TRIANGLE [38.55, -77.31]

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Tree down on Cabin Road at Stonewall Manor ORANGE COUNTY 2.4 WSW WILDERNESS Tree down in 34400 block of Constitution Highw	S [38.31, -77.77] 10/31/19 20:44 EST 10/31/19 20:44 EST		0 0	Thunderstorm Wind (EG 52 kt) Source: 911 Call Center Thunderstorm Wind (EG 52 kt)
ORANGE COUNTY 2.4 WSW WILDERNESS Tree down in 34400 block of Constitution Highw	Drive. S [38.31, -77.77] 10/31/19 20:44 EST 10/31/19 20:44 EST			
DRANGE COUNTY 2.4 WSW WILDERNESS Free down in 34400 block of Constitution Highw	S [38.31, -77.77] 10/31/19 20:44 EST 10/31/19 20:44 EST		0	Thunderstorm Wind (EG 52 kt)
ree down in 34400 block of Constitution Highv	10/31/19 20:44 EST 10/31/19 20:44 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 20:44 EST		U	
			0	Source: 911 Call Center
	you Troo down in 400 blook of V		Ü	Godree. 311 Gaill Geriller
	vay. Tree down in 400 block or v	Nestover Parkway	<i>t</i> .	
STAFFORD COUNTY 1.1 N GARRISONVILL				
	10/31/19 21:09 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 21:09 EST		0	Source: 911 Call Center
Four trees down along Ebenezer Church Road.				
FAIRFAX COUNTY 0.7 E LEWINSVILLE [38				
	10/31/19 21:13 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 21:13 EST		0	Source: 911 Call Center
Tree down on Fern Oak Court at Hornet Lane. tree down near the intersection of VA-123 Dolle		-		nd VA-193 Georgetown Pike. Second
SPOTSYLVANIA COUNTY 0.8 NW PARTLO			0	Thursday to Wind (FO FO IA)
	10/31/19 21:13 EST 10/31/19 21:13 EST		0	Thunderstorm Wind (EG 52 kt) Source: Emergency Manager
	10/31/19 21.13 E31		U	Source. Emergency Manager
Several trees down in Partlow.				
SPOTSYLVANIA COUNTY 0.3 NNW THORN				T
	10/31/19 21:15 EST 10/31/19 21:15 EST		0	Thunderstorm Wind (EG 61 kt)
	10/31/19 21.13 E31		U	Source: Emergency Manager
Numerous trees down in the Thornburg area.				
FAIRFAX COUNTY 0.2 SW ANNANDALE [3				
	10/31/19 21:17 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 21:17 EST		0	Source: 911 Call Center
Tree down on VA-236 at High Place and Lafaye	ette Park Drive.			
KING GEORGE COUNTY DAHLGREN [38.3	•			
	10/31/19 21:56 EST		0	Thunderstorm Wind (EG 61 kt)
	10/31/19 21:56 EST		0	Source: 911 Call Center
Downed tree near Ridge Road and Lakeview Darea.	Prive. Downed tree near Owens I	Drive and Gambo	Creek Road. Arour	nd a dozen trees down in the Dahlgren
A strong cold front passed through during th	ne evening of the 21st A south	erly flow led to	arm and humid con	nditions ahead of the
	here. The instability along with	•		
boundary, which caused an unstable atmosp some of which were able to mix down strong				
some of which were able to mix down strong				
some of which were able to mix down strong RAPPAHANNOCK COUNTY 0.5 NNW ROCI		/ ROCK MILLS [38	3.65, -78.14], 0.2 NN	NE ROCK MILLS [38.65, -78.13], 0.5
some of which were able to mix down strong RAPPAHANNOCK COUNTY 0.5 NNW ROCI		I ROCK MILLS [38	0.65, -78.14], 0.2 NN	NE ROCK MILLS [38.65, -78.13], 0.5 Flood (due to Heavy Rain)
some of which were able to mix down strong RAPPAHANNOCK COUNTY 0.5 NNW ROCI	K MILLS [38.66, -78.13], 0.4 NW	/ ROCK MILLS [38		
	K MILLS [38.66, -78.13], 0.4 NW 10/31/19 19:19 EST 10/31/19 21:19 EST	V ROCK MILLS [38	0	Flood (due to Heavy Rain)
some of which were able to mix down strong RAPPAHANNOCK COUNTY 0.5 NNW ROCI	K MILLS [38.66, -78.13], 0.4 NW 10/31/19 19:19 EST 10/31/19 21:19 EST v Road due to flooding.		0	Flood (due to Heavy Rain) Source: 911 Call Center
RAPPAHANNOCK COUNTY 0.5 NNW ROCI NNE ROCK MILLS [38.66, -78.13]	K MILLS [38.66, -78.13], 0.4 NW 10/31/19 19:19 EST 10/31/19 21:19 EST v Road due to flooding.		0	Flood (due to Heavy Rain) Source: 911 Call Center

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Dyke Road was closed due to flooding.				
GREENE COUNTY 2.3 NNW STANDAR -78.45], 2.4 NNW STANDARDSVILLE [38.3	• • •	STANDARDSVILL	E [38.33, -78.45], 2	.5 NNW STANDARDSVILLE [38.33,
10.101,	10/31/19 20:52 EST		0	Flood (due to Heavy Rain)
	10/31/19 22:52 EST		0	Source: 911 Call Center
Octonia Road was closed due to flooding.				
GREENE COUNTY 2.6 NNW STANDAR	• • •	-	8.33, -78.44], 1.7 N	I STANDARDSVILLE [38.32, -78.43], 1.4
N STANDARDSVILLE [38.32, -78.43], 2.1 I	NNW STANDARDSVILLE [38.33, -78 10/31/19 20:52 EST	8.45]	0	Flood (due to Heavy Rain)
	10/31/19 20:52 EST		0	Source: 911 Call Center
	10/01/10 22:02 201		Ü	Course. CTT Gain Contest
South River Road was closed due to floodi	ing.			
FAIRFAX COUNTY 1.0 WSW TREMONT	T [38.85, -77.24], 1.1 WSW TREMON	NT [38.85, -77.24],	1.0 WSW TREMON	NT [38.85, -77.24], 0.9 WSW
	10/31/19 22:26 EST		0	Flood (due to Heavy Rain)
	10/31/19 23:59 EST		0	Source: River/Stream Gage
Noodburn Road was covered by approxim continued until 1:10 AM EST on November	=	t point. Portions of	the Cross County	Trail are also flooded. The flooding
FAIRFAX COUNTY 0.5 ENE CROWELL -77.29], 0.6 ENE CROWELLS CORNER [38	=	CROWELLS COF	RNER [38.95, -77.2	9], 0.5 ENE CROWELLS CORNER [38.95,
-77.29], 0.6 ENE CROWELLS CORNER [So	10/31/19 23:18 EST		0	Flood (due to Heavy Rain)
	10/01/10 20:10 201		O .	
	10/31/19 23:59 EST pad at its lowest point.		0	Source: River/Stream Gage
A strong cold front passed through the a and the moisture combined with a strong	10/31/19 23:59 EST pad at its lowest point.	-	0	Source: River/Stream Gage
A strong cold front passed through the a and the moisture combined with a strong WEST VIRGINIA, East (WV-Z050) HAMPSHIRE, (WV-Z051) MORG	10/31/19 23:59 EST pad at its lowest point. prea on the 31st. Strong southerly wind field to produce locally heav	ry rainfall.	0 plenty of moisture	Source: River/Stream Gage ahead of the boundary,
A strong cold front passed through the a and the moisture combined with a strong WEST VIRGINIA, East (WV-Z050) HAMPSHIRE, (WV-Z051) MORG	10/31/19 23:59 EST pad at its lowest point. grea on the 31st. Strong southerly with the southern of the sout	ry rainfall.	0 Dienty of moisture NT, (WV-Z504) EAS	Source: River/Stream Gage ahead of the boundary, STERN MINERAL, (WV-Z506)
A strong cold front passed through the a and the moisture combined with a strong WEST VIRGINIA, East (WV-Z050) HAMPSHIRE, (WV-Z051) MORG	10/31/19 23:59 EST pad at its lowest point. grea on the 31st. Strong southerly with the southern of the sout	ry rainfall.	0 plenty of moisture NT, (WV-Z504) EAS	Source: River/Stream Gage ahead of the boundary,
Six inches of water covered Browns Mill Ro A strong cold front passed through the a and the moisture combined with a strong WEST VIRGINIA, East (WV-Z050) HAMPSHIRE, (WV-Z051) MORG EASTERN PENDLETON Mainly clear skies and light winds combinone-quarter mile.	10/31/19 23:59 EST pad at its lowest point. grea on the 31st. Strong southerly way wind field to produce locally heav GAN, (WV-Z055) HARDY, (WV-Z502 10/14/19 05:00 EST 10/14/19 08:00 EST	ry rainfall.	O Dienty of moisture NT, (WV-Z504) EAS 0 0	Source: River/Stream Gage ahead of the boundary, STERN MINERAL, (WV-Z506) Dense Fog
A strong cold front passed through the a and the moisture combined with a strong west virginia, East (WV-Z050) HAMPSHIRE, (WV-Z051) MORGEASTERN PENDLETON Mainly clear skies and light winds combinately constructed with the combination of the	10/31/19 23:59 EST pad at its lowest point. prea on the 31st. Strong southerly way wind field to produce locally heave GAN, (WV-Z055) HARDY, (WV-Z502 10/14/19 05:00 EST 10/14/19 08:00 EST ned with saturated soils led to the	c) EASTERN GRAI development of fo	O Dienty of moisture NT, (WV-Z504) EAS 0 0 0 pg. Visibility was r	Source: River/Stream Gage ahead of the boundary, STERN MINERAL, (WV-Z506) Dense Fog eported to be around DY, (WV-Z501) WESTERN GRANT,
A strong cold front passed through the a and the moisture combined with a strong west virginia, East (WV-Z050) HAMPSHIRE, (WV-Z051) MORGEASTERN PENDLETON Mainly clear skies and light winds combinately constructed with the combination of the	10/31/19 23:59 EST pad at its lowest point. prea on the 31st. Strong southerly way wind field to produce locally heave GAN, (WV-Z055) HARDY, (WV-Z502 10/14/19 05:00 EST 10/14/19 08:00 EST ned with saturated soils led to the	c) EASTERN GRAI development of fo	O Dienty of moisture NT, (WV-Z504) EAS 0 0 0 pg. Visibility was r	Source: River/Stream Gage ahead of the boundary, STERN MINERAL, (WV-Z506) Dense Fog eported to be around DY, (WV-Z501) WESTERN GRANT,
A strong cold front passed through the a and the moisture combined with a strong west virginia, East (WV-Z050) HAMPSHIRE, (WV-Z051) MORGEASTERN PENDLETON Mainly clear skies and light winds combinately constructed with the combination of the	10/31/19 23:59 EST pad at its lowest point. Trea on the 31st. Strong southerly way wind field to produce locally heave GAN, (WV-Z055) HARDY, (WV-Z502) 10/14/19 05:00 EST 10/14/19 08:00 EST ned with saturated soils led to the GAN, (WV-Z052) BERKELEY, (WV-Z504) E	c) EASTERN GRAI development of fo	Oplenty of moisture NT, (WV-Z504) EAS Opposite of the control of	Source: River/Stream Gage ahead of the boundary, STERN MINERAL, (WV-Z506) Dense Fog eported to be around DY, (WV-Z501) WESTERN GRANT, STERN PENDLETON, (WV-Z506)
A strong cold front passed through the a and the moisture combined with a strong WEST VIRGINIA, East (WV-Z050) HAMPSHIRE, (WV-Z051) MORGEASTERN PENDLETON Mainly clear skies and light winds combined	10/31/19 23:59 EST pad at its lowest point. Irea on the 31st. Strong southerly way wind field to produce locally heave GAN, (WV-Z055) HARDY, (WV-Z502 10/14/19 05:00 EST 10/14/19 08:00 EST ned with saturated soils led to the GAN, (WV-Z052) BERKELEY, (WV-ZWESTERN MINERAL, (WV-Z504) E 10/19/19 01:00 EST 10/19/19 08:00 EST radiational cooling, and this cause	c) EASTERN GRAM development of for Z053) JEFFERSON ASTERN MINERA	Oplenty of moisture NT, (WV-Z504) EAS Opposed to the control of the control opens opens of the control opens of	Source: River/Stream Gage ahead of the boundary, STERN MINERAL, (WV-Z506) Dense Fog eported to be around DY, (WV-Z501) WESTERN GRANT, STERN PENDLETON, (WV-Z506) Frost/Freeze
A strong cold front passed through the a and the moisture combined with a strong west virial ways and the moisture combined with a strong west virial ways and the moisture combined with a strong west virial ways and light winds combined ways and light winds combined ways and light winds combined ways and light winds were reported to be in the 20s and lower ways were reported to be in the 20s and lower ways were reported to be in the 20s and lower ways ways ways ways and light winds led to were reported to be in the 20s and lower ways ways ways ways ways ways ways ways	10/31/19 23:59 EST pad at its lowest point. Irea on the 31st. Strong southerly way wind field to produce locally heave GAN, (WV-Z055) HARDY, (WV-Z502 10/14/19 05:00 EST 10/14/19 08:00 EST ned with saturated soils led to the GAN, (WV-Z052) BERKELEY, (WV-Z044) E 10/19/19 01:00 EST 10/19/19 08:00 EST radiational cooling, and this cause 30s.	development of for ASTERN MINERA	Oplenty of moisture NT, (WV-Z504) EAS Opposed to below free	ahead of the boundary, STERN MINERAL, (WV-Z506) Dense Fog eported to be around DY, (WV-Z501) WESTERN GRANT, STERN PENDLETON, (WV-Z506) Frost/Freeze
A strong cold front passed through the a and the moisture combined with a strong west virginial with a	10/31/19 23:59 EST pad at its lowest point. Irea on the 31st. Strong southerly way wind field to produce locally heave GAN, (WV-Z055) HARDY, (WV-Z502 10/14/19 05:00 EST 10/14/19 08:00 EST ned with saturated soils led to the GAN, (WV-Z052) BERKELEY, (WV-Z044) E 10/19/19 01:00 EST 10/19/19 08:00 EST radiational cooling, and this cause 30s.	development of for ASTERN MINERA	Oplenty of moisture NT, (WV-Z504) EAS Opposed to below free	ahead of the boundary, STERN MINERAL, (WV-Z506) Dense Fog eported to be around DY, (WV-Z501) WESTERN GRANT, STERN PENDLETON, (WV-Z506) Frost/Freeze

An onshore flow led to increasing amounts of moisture underneath a strong temperature inversion, and this led to the development of

dense fog. Visibility was reported to be around one-quarter mile.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRANT COUNTY 2.3 SSE MAYSVILLE [39]	0.09, -79.16]			
	10/31/19 15:30 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 15:30 EST		0	Source: 911 Call Center
Large tree down on Roby Road.				
GRANT COUNTY 0.5 W MARTIN [39.22, -7	9.09]			
	10/31/19 15:32 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 15:32 EST		0	Source: 911 Call Center
Large tree down at the intersection of Knobley	Road and Martin Road.			
MORGAN COUNTY 0.6 SE BERKELEY SF	PGS [39.62, -78.22]			
	10/31/19 16:43 EST		0	Thunderstorm Wind (EG 52 kt)
	10/31/19 16:43 EST		0	Source: 911 Call Center

Two trees down on Fairfax Street and Fairfax Lane.

A strong cold front passed through during the evening of the 31st. A southerly flow led to warm and humid conditions ahead of the boundary, which caused an unstable atmosphere. The instability along with the cold front caused showers and isolated thunderstorms, some of which were able to mix down strong winds from aloft.

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