Deaths &

Property & **Event Type and Details** Injuries Crop Dmg ATLANTIC NORTH PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53] 06/02/19 17:42 EST Marine Thunderstorm Wind (MG 46 kt) 06/02/19 17:54 EST 0 Source: Buoy Wind gusts of up to 46 knots were observed.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.4 WNW WISCONSIN AVE (GTND2) [38.90, -77.07]

Date/Time

06/02/19 17:42 EST Marine Hail (1.00 in) 06/02/19 17:42 EST 0 Source: Trained Spotter

Quarter-sized hail (1.0" in diameter) was observed.

Location

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- ORIOLE PARK AT CAMDEN YARDS (BLTPC) [39.28, -76.62]

06/02/19 17:45 FST Marine Thunderstorm Wind (EG 34 kt)

06/02/19 17:45 EST 0 Source: Buoy

Wind gusts of up to 34 knots were observed.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]

06/02/19 17:55 EST Marine Thunderstorm Wind (MG 37 kt)

06/02/19 18:05 EST O Source: Buoy

Wind gusts of up to 37 knots were observed.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]

06/02/19 18:00 EST Marine Thunderstorm Wind (MG 40 kt)

06/02/19 18:00 EST 0 Source: Buoy

Wind gusts of up to 40 knots were observed.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25]

06/02/19 18:06 EST Marine Thunderstorm Wind (MG 44 kt)

06/02/19 18:18 EST 0 Source: Buoy

Wind gusts of up to 44 knots were observed.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- GUNPOWDER (GUN) [39.36, -76.37]

06/02/19 18:09 EST Marine Thunderstorm Wind (EG 34 kt)

06/02/19 18:09 EST 0 Source: Buoy

Wind gusts of up to 34 knots were observed.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- BAYSIDE ES (STVVL) [38.98, -76.31]

06/02/19 18:15 EST 0 Marine Thunderstorm Wind (EG 34 kt)

06/02/19 18:15 EST 0 Source: Buoy

Wind gusts of up to 34 knots were observed.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]

06/02/19 18:15 EST Marine Thunderstorm Wind (EG 34 kt)

06/02/19 18:15 EST 0 Source: Buoy

Wind gusts of up to 34 knots were observed.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 8.5 NNE GOOSES REEF BUOY (44062) [38.67, -76.34]

Marine Thunderstorm Wind (MG 35 kt) 06/02/19 18:30 EST

06/02/19 18:40 EST 0 Source: Buoy

Wind gusts of up to 35 knots were observed.

Page 1 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PATAPSCO RIVER INCLUDING BALTIMORE H	ARBOR COUNTY HAMPST	TEAD HILL ACADE	EMY (BLMHH) [39.2	29, -76.58]
	06/02/19 18:35 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	06/02/19 18:35 EST		0	Source: Buoy
Wind gusts of up to 41 knots were observed.				
PATAPSCO RIVER INCLUDING BALTIMORE H	ARBOR COUNTY MARYLA 06/02/19 18:35 EST	AND SCIENCE CEI	NTER (BLMRE) [39	.28, -76.61] Marine Thunderstorm Wind (MG 35 kt)
	06/02/19 18:35 EST		0	Source: Buoy
Wind gusts of up to 35 knots were observed.				·
TIDAL POTOMAC COBB IS MD TO SMITH PT \	/A COUNTY COBB POINT	(COB) [38.24, -76.8	R31	
	06/02/19 18:38 EST	(002) [00.24, 10.0	0	Marine Thunderstorm Wind (EG 34 kt)
	06/02/19 18:38 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				
EASTERN BAY COUNTY 12.7 S US-50 (MD0	40) [38.79, -76.21]			
	06/02/19 18:42 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	06/02/19 18:42 EST		0	Source: Buoy
Wind gusts of up to 39 knots were observed.				
CHESAPEAKE BAY N BEACH TO DRUM PT M		/ [38.47, -76.38]		Marine There have been Mine I (MO 00 II)
	06/02/19 18:48 EST 06/02/19 19:00 EST		0	Marine Thunderstorm Wind (MG 39 kt) Source: Buoy
Wind gusts of up to 39 knots were observed.	40) [50 70 70 41			
EASTERN BAY COUNTY 12.8 S US-50 (MD0	06/02/19 18:52 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	06/02/19 18:52 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				
CHESAPEAKE BAY DRUM PT TO SMITH PT V		/ER ASOS (KNAK)		Main Theodorius World (FO 0411)
	06/02/19 19:04 EST 06/02/19 19:04 EST		0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
	00/02/19 19.04 EST		U	Source. Buoy
Wind gusts of up to 34 knots were observed.				
CHESAPEAKE BAY DRUM PT TO SMITH PT V	A COUNTY LOWER HOOP! 06/02/19 19:13 EST	ERS ISLAND (HPR	<b>R) [38.26, -76.18]</b>	Marine Thunderstorm Wind (EG 34 kt)
	06/02/19 19:13 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.			-	
TANGIER SOUND AND THE INLAND WATERS	SURBOUNDING BLOODSWO	ORTH ISI AND CO	INTY RISHOPS	HEAD (RISM2) [38 22 -76 041
TARGER GOORD AND THE INLAND WATERS	06/02/19 19:30 EST	ATTI ISLAND CUI	0	Marine Thunderstorm Wind (EG 34 kt)
	06/02/19 19:30 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				
CHOPTANK RIVER TO CAMBRIDGE MD AND		ER COUNTY CA	· ·	
	06/02/19 21:05 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	06/02/19 21:05 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 3.3 WSW BISHOPS HEAD (BISM2) [38.21, -76.10]

Page 2 of 31 Printed on: 08/27/2019

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/02/19 22:06 EST	-	0	Marine Thunderstorm Wind (MG 36 kt)
	06/02/19 22:06 EST		0	Source: Buoy
Vind gusts of up to 36 knots were observed.				
TIDAL POTOMAC COBB IS MD TO SMITH PT	VA COUNTY POINT LOOK	OUT (PTL) [38.04, -	76.32]	
	06/02/19 22:42 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	06/02/19 22:42 EST		0	Source: Buoy
Nind gusts of up to 35 knots were observed.				
TANGIER SOUND AND THE INLAND WATER	S SURROUNDING BLOODSWO	ORTH ISLAND COL	JNTY 6.4 W LO\	WER HOOPERS ISLAND (HPR) [38.25,
-76.30]			_	
	06/02/19 22:59 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	06/02/19 22:59 EST		0	Source: Buoy
Wind gusts of up to 35 knots were observed.				
A cold front approached the region during th	•			-
and wind shear, led to the development of sc	attered strong to locally sever	e thunderstorms t	during the afternoon	on and evening nours.
TIDAL POTOMAC COBB IS MD TO SMITH PT	•	KNUI) [38.13, -76.4	-	
	06/05/19 14:12 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	06/05/19 14:12 EST		0	Source: Buoy
Wind gusts of up to 36 knots were observed.				
CHESAPEAKE BAY DRUM PT TO SMITH PT	VA COUNTY I OWER HOOR	EDE ISI AND /HDE	0) [20 26 76 40]	
CHESAFEARE BAT DRUM FT TO SMITH FT	06/05/19 14:38 EST	EKS ISLAND (HPN	0	Marine Thunderstorm Wind (MG 34 kt)
	06/05/19 14:38 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				·
CHESAPEAKE BAY DRUM PT TO SMITH PT		UT (PTL) [38.04, -7	-	M : T
	06/05/19 16:02 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	06/05/19 16:02 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				
TANGIER SOUND AND THE INLAND WATER		ORTH ISLAND COL		
TANGIER SOUND AND THE INLAND WATER:	06/05/19 16:42 EST	ORTH ISLAND COL	0	Marine Thunderstorm Wind (EG 34 kt)
TANGIER SOUND AND THE INLAND WATER		ORTH ISLAND COL		
TANGIER SOUND AND THE INLAND WATERS  Wind gusts of up to 34 knots were observed.	06/05/19 16:42 EST	ORTH ISLAND COL	0	Marine Thunderstorm Wind (EG 34 kt)
Wind gusts of up to 34 knots were observed.  An upper level trough crossed the region dui	06/05/19 16:42 EST 06/05/19 16:42 EST ring the day on June 5th. This	when combined w	0 0 vith modest instab	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
Wind gusts of up to 34 knots were observed.  An upper level trough crossed the region dui	06/05/19 16:42 EST 06/05/19 16:42 EST ring the day on June 5th. This	when combined w	0 0 vith modest instab	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
Wind gusts of up to 34 knots were observed.  An upper level trough crossed the region duishowers and thunderstorms during the aftern	06/05/19 16:42 EST 06/05/19 16:42 EST ring the day on June 5th. This noon which produced gusty w	when combined w inds over the wate	0 0 vith modest instablers.	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  lility helped to generate
Wind gusts of up to 34 knots were observed.  An upper level trough crossed the region duishowers and thunderstorms during the aftern	06/05/19 16:42 EST 06/05/19 16:42 EST ring the day on June 5th. This noon which produced gusty w VA COUNTY POTOMAC PO 06/06/19 12:54 EST	when combined w inds over the wate	0 0 with modest instablers.	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  ility helped to generate  7, -76.34] Marine Thunderstorm Wind (MG 35 kt)
Wind gusts of up to 34 knots were observed.  An upper level trough crossed the region duishowers and thunderstorms during the aftern	06/05/19 16:42 EST 06/05/19 16:42 EST ring the day on June 5th. This noon which produced gusty w	when combined w inds over the wate	0 0 vith modest instablers.	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  lility helped to generate
Wind gusts of up to 34 knots were observed.  An upper level trough crossed the region during showers and thunderstorms during the after	06/05/19 16:42 EST 06/05/19 16:42 EST ring the day on June 5th. This noon which produced gusty w VA COUNTY POTOMAC PO 06/06/19 12:54 EST	when combined w inds over the wate	0 0 with modest instablers.	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  ility helped to generate  7, -76.34] Marine Thunderstorm Wind (MG 35 kt)
	06/05/19 16:42 EST 06/05/19 16:42 EST ring the day on June 5th. This noon which produced gusty w VA COUNTY POTOMAC PO 06/06/19 12:54 EST 06/06/19 13:00 EST	when combined winds over the wate	0 0 vith modest instablers. JOY (44042) [38.03 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  lity helped to generate  5, -76.34] Marine Thunderstorm Wind (MG 35 kt) Source: Buoy
Wind gusts of up to 34 knots were observed.  An upper level trough crossed the region during the after showers and thunderstorms during the after TIDAL POTOMAC COBB IS MD TO SMITH PT Wind gusts of up to 35 knots were observed.  An upper level disturbance crossed the region of the state of t	06/05/19 16:42 EST 06/05/19 16:42 EST  ring the day on June 5th. This noon which produced gusty w  VA COUNTY POTOMAC PO 06/06/19 12:54 EST 06/06/19 13:00 EST	when combined winds over the wate	0 0 vith modest instablers. JOY (44042) [38.03 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  lity helped to generate  5, -76.34] Marine Thunderstorm Wind (MG 35 kt) Source: Buoy
Wind gusts of up to 34 knots were observed.  An upper level trough crossed the region during the after showers and thunderstorms during the after TIDAL POTOMAC COBB IS MD TO SMITH PT  Wind gusts of up to 35 knots were observed.  An upper level disturbance crossed the region thunderstorms. One was strong enough to go	06/05/19 16:42 EST 06/05/19 16:42 EST  ring the day on June 5th. This noon which produced gusty w  VA COUNTY POTOMAC PO 06/06/19 12:54 EST 06/06/19 13:00 EST  on during the morning hours of enerate gusty winds over the w	when combined winds over the water DINT LOOKOUT BU If June 6th which presented	0 0 vith modest instablers. JOY (44042) [38.03 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  lity helped to generate  i, -76.34] Marine Thunderstorm Wind (MG 35 kt) Source: Buoy  of showers and some
Wind gusts of up to 34 knots were observed.  An upper level trough crossed the region during the after showers and thunderstorms during the after TIDAL POTOMAC COBB IS MD TO SMITH PT  Wind gusts of up to 35 knots were observed.	06/05/19 16:42 EST 06/05/19 16:42 EST  ring the day on June 5th. This noon which produced gusty w  VA COUNTY POTOMAC PO 06/06/19 12:54 EST 06/06/19 13:00 EST  on during the morning hours of enerate gusty winds over the w	when combined winds over the water DINT LOOKOUT BU If June 6th which presented	0 0 vith modest instablers. JOY (44042) [38.03 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  lity helped to generate  i, -76.34] Marine Thunderstorm Wind (MG 35 kt) Source: Buoy  of showers and some

Page 3 of 31 08/27/2019 Printed on:

Wind gusts of up to 35 knots were observed.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC KEY BRIDGE TO INDIAN H	D MD COUNTY (DCA)REAG	AN NATIONAL AII	RPORT [38.86, -77.	.03]
	06/13/19 16:39 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	06/13/19 16:39 EST		0	Source: Mesonet
Nind gusts of up to 36 knots were observed.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN H	D MD COUNTY NATIONALS 06/13/19 16:44 EST	PARK (WSHNP)	[ <b>38.87, -77.01</b> ]	Marine Thunderstorm Wind (EG 34 kt)
	06/13/19 16:44 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed.				
TIDAL POTOMAC INDIAN HD TO COBB IS MI	D COUNTY POTOMAC LIGH	T 33 (LT3) [38.34,	-76.99]	
	06/13/19 16:59 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	06/13/19 16:59 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed.				
CHESAPEAKE BAY N BEACH TO DRUM PT I		ES REEF BUOY (4	, <del>.</del> .	<del>-</del>
	06/13/19 17:56 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	06/13/19 17:56 EST		0	Source: Mesonet
Wind gusts of up to 35 knots were observed.				
low heights aloft and warm surface temperat thunderstorms across the waters during the	afternoon and evening hours.			
low heights aloft and warm surface temperat thunderstorms across the waters during the	afternoon and evening hours.			
low heights aloft and warm surface temperat thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT	VA COUNTY POTOMAC PO 06/17/19 16:18 EST		JOY (44042) [38.03	3, -76.34] Marine Thunderstorm Wind (EG 34 kt)
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT Wind gusts of up to 34 knots were observed.	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST	INT LOOKOUT BU	JOY (44042) [38.03 0 0	3, -76.34]  Marine Thunderstorm Wind (EG 34 kt)  Source: Buoy
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT Wind gusts of up to 34 knots were observed.	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST  D COUNTY 0.8 NNE POTOM. 06/17/19 17:44 EST	INT LOOKOUT BU	UOY (44042) [38.03 0 0 0 ) [38.35, -76.98]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt)
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT Wind gusts of up to 34 knots were observed.	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST	INT LOOKOUT BU	JOY (44042) [38.03 0 0	3, -76.34]  Marine Thunderstorm Wind (EG 34 kt)  Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MI	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST  D COUNTY 0.8 NNE POTOM. 06/17/19 17:44 EST	INT LOOKOUT BU	UOY (44042) [38.03 0 0 0 ) [38.35, -76.98]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt)
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT  Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI  Wind gusts of up to 34 knots were observed.	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST  D COUNTY 0.8 NNE POTOM. 06/17/19 17:44 EST 06/17/19 17:44 EST	OINT LOOKOUT BU	JOY (44042) [38.03 0 0 ) [38.35, -76.98] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT  Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI  Wind gusts of up to 34 knots were observed.	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST  D COUNTY 0.8 NNE POTOM 06/17/19 17:44 EST 06/17/19 17:44 EST  MD COUNTY 0.9 ESE GREE 06/17/19 18:36 EST	OINT LOOKOUT BU	JOY (44042) [38.03 0 0 0 ) [38.35, -76.98] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy  4] Marine Thunderstorm Wind (MG 39 kt)
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT  Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST  D COUNTY 0.8 NNE POTOM. 06/17/19 17:44 EST 06/17/19 17:44 EST	OINT LOOKOUT BU	JOY (44042) [38.03 0 0 ) [38.35, -76.98] 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT  Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST  D COUNTY 0.8 NNE POTOM. 06/17/19 17:44 EST 06/17/19 17:44 EST  MD COUNTY 0.9 ESE GREE 06/17/19 18:36 EST 06/17/19 18:36 EST	OINT LOOKOUT BU	JOY (44042) [38.03 0 0 0 ) [38.35, -76.98] 0 0 GBY) [38.97, -76.4	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy  4] Marine Thunderstorm Wind (MG 39 kt)
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT  Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST  D COUNTY 0.8 NNE POTOM. 06/17/19 17:44 EST 06/17/19 17:44 EST  MD COUNTY 0.9 ESE GREE 06/17/19 18:36 EST 06/17/19 18:36 EST	OINT LOOKOUT BU	JOY (44042) [38.03 0 0 0 ) [38.35, -76.98] 0 0 GBY) [38.97, -76.4	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy  4] Marine Thunderstorm Wind (MG 39 kt)
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT  Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.	afternoon and evening hours.  VA COUNTY POTOMAC PO 06/17/19 16:18 EST 06/17/19 16:18 EST  D COUNTY 0.8 NNE POTOM 06/17/19 17:44 EST 06/17/19 17:44 EST  MD COUNTY 0.9 ESE GREE 06/17/19 18:36 EST 06/17/19 18:36 EST	OINT LOOKOUT BU	JOY (44042) [38.03 0 0 0 ) [38.35, -76.98] 0 0 GBY) [38.97, -76.4 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy  4] Marine Thunderstorm Wind (MG 39 kt) Source: Buoy
Iow heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 39 knots were observed.  CHESAPEAKE BAY DRUM PT TO SMITH PT VI	### ACOUNTY 0.9 ESE GREE 06/17/19 18:36 EST  ### ACOUNTY 0.9 EST GREE 06/17/19 18:36 EST	OINT LOOKOUT BU	JOY (44042) [38.03 0 0 0 1) [38.35, -76.98] 0 0 GBY) [38.97, -76.4 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy  4] Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt)
low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MINE Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 39 knots were observed.  CHESAPEAKE BAY DRUM PT TO SMITH PT VINDIAN GUSTS of up to 34 knots were observed.	### Acounty 0.9 ESE GREE 06/17/19 18:36 EST 06/17/19 18:35 EST 06/17/19 18:35 EST 06/17/19 18:36 EST 06/17/19 18:35 EST 06/17/19 19:37 EST 06/17/19 19:42 EST	ERS ISLAND (HPF	JOY (44042) [38.03 0 0 0 ) [38.35, -76.98] 0 0 GBY) [38.97, -76.4 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
A potent upper level trough and associated of low heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MID WINDIAN HD TO COBB IS MID WINDIAN HD TO COBB IS MID WINDIAN HD TO NOBEL MID WINDIAN HD TO SMITH PT NOBEL MID WINDIAN HD THE INLAND WATER:	### Acounty 0.9 ESE GREE 06/17/19 18:36 EST 06/17/19 18:35 EST 06/17/19 18:35 EST 06/17/19 18:36 EST 06/17/19 18:35 EST 06/17/19 19:37 EST 06/17/19 19:42 EST	ERS ISLAND (HPF	JOY (44042) [38.03 0 0 0 ) [38.35, -76.98] 0 0 GBY) [38.97, -76.4 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
Iow heights aloft and warm surface temperate thunderstorms across the waters during the TIDAL POTOMAC COBB IS MD TO SMITH PT Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 39 knots were observed.  CHESAPEAKE BAY DRUM PT TO SMITH PT WINDIAN WINDIGHT SMITH PT WINDIAN WINDIAN WERE OBSERVED.	### ACOUNTY 0.9 ESE GREE 06/17/19 18:36 EST 06/17/19 19:37 EST 06/17/19 19:42 EST 06/17/19 19:42 EST	ERS ISLAND (HPF	JOY (44042) [38.03 0 0 0 ) [38.35, -76.98] 0 0 GBY) [38.97, -76.4 0 0	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy

Ridge, when combined with local terrain and sea-breeze circulations, were enough to generate scattered thunderstorms across the region during the afternoon and evening hours. Marginal instability and sufficient wind shear promoted the growth of some of these

thunderstorms to levels strong enough to produce gusty winds over the waters.

Page 4 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC COBB IS MD TO SMITH P		NT LOOKOUT BU	JOY (44042) [38.0	· · · · · · · · · · · · · · · · · · ·
	06/18/19 18:06 EST		0	Marine Thunderstorm Wind (MG 54 kt)
	06/18/19 18:18 EST		0	Source: Buoy
Wind gusts of up to 54 knots were observed.				
TIDAL POTOMAC COBB IS MD TO SMITH P		B POINT (COB) [		
	06/18/19 18:19 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	06/18/19 18:19 EST		0	Source: Buoy
Wind gusts of up to 39 knots were observed.				
CHESAPEAKE BAY DRUM PT TO SMITH PT		ER ASOS (KNAK)		
	06/18/19 18:46 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	06/18/19 18:46 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				
CHESAPEAKE BAY N BEACH TO DRUM PT	MD COUNTY 8.4 NNE GOOSE	S REEF BUOY (4	4062) [38.67, -76	33]
	06/18/19 19:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	06/18/19 19:36 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				
CHESAPEAKE BAY SANDY PT TO N BEAC	H MD COUNTY GREENBERRY	POINT (GBY) [38	3.97, -76.46]	
CHESAPEAKE BAY SANDY PT TO N BEAC	H MD COUNTY GREENBERRY 06/20/19 13:43 EST 06/20/19 13:43 EST	POINT (GBY) [38	3. <b>97, -76.46]</b> 0 0	Marine Thunderstorm Wind (MG 34 kt) Source: Buoy
	06/20/19 13:43 EST	POINT (GBY) [38	0	• • • •
Wind gusts of up to 34 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST		0	• • • •
Wind gusts of up to 34 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST		0	• • • •
Wind gusts of up to 34 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST H MD COUNTY TOLLY POINT		0 0 44]	Source: Buoy
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEAC	06/20/19 13:43 EST 06/20/19 13:43 EST H MD COUNTY TOLLY POINT 06/20/19 16:35 EST		0 0 44]	Source: Buoy  Marine Thunderstorm Wind (MG 40 kt)
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST	(TOL) [38.94, -76.	0 0 44] 0 0	Source: Buoy  Marine Thunderstorm Wind (MG 40 kt)  Source: Buoy
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST	(TOL) [38.94, -76.	0 0 44] 0 0	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt)
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST	(TOL) [38.94, -76.	0 0 44] 0 0	Source: Buoy  Marine Thunderstorm Wind (MG 40 kt)  Source: Buoy
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST	(TOL) [38.94, -76.	0 0 44] 0 0	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt)
CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 39 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST	(TOL) [38.94, -76.	0 0 44] 0 0 36] 0 0	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST	(TOL) [38.94, -76.	0 0 44] 0 0 0 36] 0 0 VN) [38.67, -77.25	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt)
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST	(TOL) [38.94, -76.	0 0 44] 0 0 36] 0 0	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 39 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST	(TOL) [38.94, -76.	0 0 44] 0 0 0 36] 0 0 VN) [38.67, -77.25	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt)
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS N  Wind gusts of up to 34 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST 06/20/19 17:11 EST 06/20/19 17:11 EST	(TOL) [38.94, -76. (KNT) [38.92, -76.	0 0 44] 0 0 0 0 VN) [38.67, -77.25	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS N  Wind gusts of up to 34 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST 06/20/19 17:11 EST 06/20/19 17:11 EST	(TOL) [38.94, -76. (KNT) [38.92, -76.	0 0 144] 0 0 0 0 VN) [38.67, -77.25 0 0	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet  Marine Thunderstorm Wind (MG 36 kt)
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS N  Wind gusts of up to 34 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST 06/20/19 17:11 EST 06/20/19 17:11 EST	(TOL) [38.94, -76. (KNT) [38.92, -76.	0 0 44] 0 0 0 0 VN) [38.67, -77.25	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS N  Wind gusts of up to 34 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST 06/20/19 17:11 EST 06/20/19 17:11 EST	(TOL) [38.94, -76. (KNT) [38.92, -76.	0 0 144] 0 0 0 0 VN) [38.67, -77.25 0 0	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet  Marine Thunderstorm Wind (MG 36 kt)
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH Wind gusts of up to 39 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS N Wind gusts of up to 34 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS N Wind gusts of up to 36 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST 06/20/19 17:11 EST 06/20/19 17:11 EST 06/20/19 17:24 EST 06/20/19 17:24 EST	(TOL) [38.94, -76. (KNT) [38.92, -76. TATE PARK (LSL'	0 0 0 36] 0 0 VN) [38.67, -77.25 0	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet  Marine Thunderstorm Wind (MG 36 kt)
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 40 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH  Wind gusts of up to 39 knots were observed.	06/20/19 13:43 EST 06/20/19 13:43 EST  H MD COUNTY TOLLY POINT 06/20/19 16:35 EST 06/20/19 16:40 EST  H MD COUNTY KENT ISLAND 06/20/19 16:41 EST 06/20/19 16:41 EST 06/20/19 17:11 EST 06/20/19 17:11 EST 06/20/19 17:24 EST 06/20/19 17:24 EST	(TOL) [38.94, -76. (KNT) [38.92, -76. TATE PARK (LSL'	0 0 0 36] 0 0 VN) [38.67, -77.25 0	Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 39 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Mesonet  Marine Thunderstorm Wind (MG 36 kt)

Wind gusts of up to 35 knots were observed.

Page 5 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BEACH	MD COUNTY 0.5 SSE ANNA	POLIS (KNAK) [3	3.97, -76.48]	
	06/20/19 18:42 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	06/20/19 18:42 EST		0	Source: Mesonet
Vind gusts of up to 35 knots were observed.				
CHESAPEAKE BAY N BEACH TO DRUM PT I		[38.47, -76.38]		
	06/20/19 19:00 EST 06/20/19 19:06 EST		0	Marine Thunderstorm Wind (MG 41 kt) Source: Mesonet
Nind gusts of up to 41 knots were observed.	00/20/10 10:00 201		· ·	Course. Madding
villa gasts of up to 41 kilots were observed.				
CHESAPEAKE BAY SANDY PT TO N BEACH	MD COUNTY TOLLY POINT 06/20/19 19:00 EST	(TOL) [38.94, -76.	<b>14]</b> 0	Marine Thunderstorm Wind (EG 34 kt)
				Source: Mesonet
	06/20/19 19:00 EST		0	Source, Mesoriet
Wind gusts of up to 34 knots were observed.				
Scattered showers and thunderstorms devel across the waters.	oped during the afternoon and	evening hours, so	ome of which proc	duced gusty winds
TIDAL POTOMAC INDIAN HD TO COBB IS MI	D COUNTY LEESYLVANIA S	TATE PARK (LSL	/N) [38.67, -77.251	
	06/27/19 16:46 EST	,	0	Marine Thunderstorm Wind (MG 39 kt)
	06/27/19 17:11 EST		0	Source: Mesonet
Wind gusts of up to 39 knots were observed.				
		_		of these produced gusty
	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST	_	27, -7 <b>6.58]</b> 0	Marine Thunderstorm Wind (MG 37 kt)
	HARBOR COUNTY BALTIMO	_	27, -76.58]	
PATAPSCO RIVER INCLUDING BALTIMORE	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST	_	27, -7 <b>6.58]</b> 0	Marine Thunderstorm Wind (MG 37 kt)
PATAPSCO RIVER INCLUDING BALTIMORE  Wind gusts of up to 37 knots were observed.  While large scale forcing was weak, moderate soundaries to generate scattered showers and thunderstorms produced gusty winds over the	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST the amounts of instability combined thunderstorms in the afternothe waters.	ORE (BLTM2) [39.2 ned with local terroon. With steep lo	27, -76.58] 0 0 ain circulations a w level lapse rate	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  nd remnant mesoscale
PATAPSCO RIVER INCLUDING BALTIMORE Wind gusts of up to 37 knots were observed. While large scale forcing was weak, moderat boundaries to generate scattered showers an thunderstorms produced gusty winds over the	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST see amounts of instability combined thunderstorms in the afternothe waters.	ORE (BLTM2) [39.2 ned with local terroon. With steep lo	27, -76.58] 0 0 ain circulations a w level lapse rate	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  nd remnant mesoscale s, one of these
PATAPSCO RIVER INCLUDING BALTIMORE Wind gusts of up to 37 knots were observed. While large scale forcing was weak, moderat boundaries to generate scattered showers an thunderstorms produced gusty winds over the	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST te amounts of instability combined thunderstorms in the afternothe waters.	ORE (BLTM2) [39.2 ned with local terroon. With steep lo	27, -76.58]  0  0  ain circulations at w level lapse rate:	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  nd remnant mesoscale
PATAPSCO RIVER INCLUDING BALTIMORE Wind gusts of up to 37 knots were observed. While large scale forcing was weak, moderat boundaries to generate scattered showers althunderstorms produced gusty winds over the state of the produced gusty winds over the produced gusty	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST de amounts of instability combinend thunderstorms in the afterno he waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST	ORE (BLTM2) [39.2 ned with local terroon. With steep lo	27, -76.58]  0  0  ain circulations at w level lapse rates 76.99]	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale s, one of these  Marine Thunderstorm Wind (MG 40 kt)
PATAPSCO RIVER INCLUDING BALTIMORE Wind gusts of up to 37 knots were observed. While large scale forcing was weak, moderat boundaries to generate scattered showers at thunderstorms produced gusty winds over the TIDAL POTOMAC INDIAN HD TO COBB IS MI Wind gusts of up to 40 knots were observed.	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST te amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST	DRE (BLTM2) [39.3 med with local terroon. With steep lo	27, -76.58] 0 0 ain circulations and while lapse rates 76.99] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale s, one of these  Marine Thunderstorm Wind (MG 40 kt)
PATAPSCO RIVER INCLUDING BALTIMORE  Wind gusts of up to 37 knots were observed.  While large scale forcing was weak, moderate boundaries to generate scattered showers and thunderstorms produced gusty winds over the state of the scale of th	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST te amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST	DRE (BLTM2) [39.3 med with local terroon. With steep lo	27, -76.58] 0 0 ain circulations and while lapse rates 76.99] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale s, one of these  Marine Thunderstorm Wind (MG 40 kt)
PATAPSCO RIVER INCLUDING BALTIMORE Wind gusts of up to 37 knots were observed. While large scale forcing was weak, moderat boundaries to generate scattered showers at thunderstorms produced gusty winds over the TIDAL POTOMAC INDIAN HD TO COBB IS MI Wind gusts of up to 40 knots were observed.	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST to amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST	DRE (BLTM2) [39.3 med with local terroon. With steep lo	27, -76.58] 0 0 ain circulations at w level lapse rate: 76.99] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale s, one of these  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy
PATAPSCO RIVER INCLUDING BALTIMORE  Wind gusts of up to 37 knots were observed.  While large scale forcing was weak, moderat boundaries to generate scattered showers at thunderstorms produced gusty winds over the standard of the scale of t	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST  de amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST  D COUNTY 1.0 W POTOMAC 06/29/19 13:26 EST	DRE (BLTM2) [39.3 med with local terroon. With steep lo	27, -76.58] 0 0 ain circulations at w level lapse rate: 76.99] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale s, one of these  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 40 kt)
PATAPSCO RIVER INCLUDING BALTIMORE  Wind gusts of up to 37 knots were observed.  While large scale forcing was weak, moderat boundaries to generate scattered showers at thunderstorms produced gusty winds over the string of the scale of the scattered showers at thunderstorms produced gusty winds over the string of the scattered showers at thunderstorms produced gusty winds over the string of the scattered showers at thunderstorms produced gusty winds over the scattered showers at thunderstorms produced gusty winds over the scattered showers at the scattered showers	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST  The amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST  D COUNTY 1.0 W POTOMAC 06/29/19 13:26 EST 06/29/19 13:31 EST	DRE (BLTM2) [39.:	27, -76.58] 0 0 ain circulations al w level lapse rate: 76.99] 0 0 8.34, -77.01] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale s, one of these  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 40 kt)
PATAPSCO RIVER INCLUDING BALTIMORE  Wind gusts of up to 37 knots were observed.  While large scale forcing was weak, moderate boundaries to generate scattered showers at thunderstorms produced gusty winds over the string of the scale of the scale of the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms produced gusty winds over the scattered showers are thunderstorms are the scattered showers are thunderstorms.	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST  The amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST  D COUNTY 1.0 W POTOMAC 06/29/19 13:26 EST 06/29/19 13:31 EST	DRE (BLTM2) [39.:	27, -76.58] 0 0 ain circulations al w level lapse rate: 76.99] 0 0 8.34, -77.01] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale s, one of these  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 40 kt)
PATAPSCO RIVER INCLUDING BALTIMORE  Wind gusts of up to 37 knots were observed.  While large scale forcing was weak, moderat boundaries to generate scattered showers at thunderstorms produced gusty winds over the string of the scale of the scale of the scattered showers at thunderstorms produced gusty winds over the scattered showers at thunderstorms produced gusty winds over the scattered showers at thunderstorms produced gusty winds over the scattered showers at thunderstorms produced gusty winds over the scattered showers at the scattere	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST  The amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST  D COUNTY 1.0 W POTOMAC 06/29/19 13:26 EST 06/29/19 13:31 EST	DRE (BLTM2) [39.:	27, -76.58] 0 0 ain circulations at w level lapse rate: 76.99] 0 0 8.34, -77.01] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale Is, one of these  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy
PATAPSCO RIVER INCLUDING BALTIMORE  Wind gusts of up to 37 knots were observed.  While large scale forcing was weak, moderate boundaries to generate scattered showers at thunderstorms produced gusty winds over the structure of the scattering of t	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST  de amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST  D COUNTY 1.0 W POTOMAC 06/29/19 13:26 EST 06/29/19 13:31 EST	DRE (BLTM2) [39.:	27, -76.58] 0 0 ain circulations and well lapse rates 76.99] 0 0 8.34, -77.01] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale Is, one of these  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy
PATAPSCO RIVER INCLUDING BALTIMORE  Wind gusts of up to 37 knots were observed.  While large scale forcing was weak, moderate boundaries to generate scattered showers at thunderstorms produced gusty winds over the string of the scale of th	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST  de amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST  D COUNTY 1.0 W POTOMAC 06/29/19 13:26 EST 06/29/19 13:31 EST  D COUNTY BABAR POINT (E 06/29/19 13:31 EST 06/29/19 13:31 EST	DRE (BLTM2) [39.:	27, -76.58] 0 0 ain circulations and well lapse rates 76.99] 0 0 8.34, -77.01] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale Is, one of these  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy
Wind gusts of up to 37 knots were observed.  While large scale forcing was weak, moderat boundaries to generate scattered showers at thunderstorms produced gusty winds over the TIDAL POTOMAC INDIAN HD TO COBB IS MI  Wind gusts of up to 40 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI  Wind gusts of up to 40 knots were observed.  TIDAL POTOMAC INDIAN HD TO COBB IS MI  Wind gusts of up to 34 knots were observed.	HARBOR COUNTY BALTIMO 06/28/19 17:54 EST 06/28/19 18:12 EST  de amounts of instability combined thunderstorms in the afternothe waters.  D COUNTY POTOMAC LIGHT 06/29/19 13:24 EST 06/29/19 13:29 EST  D COUNTY 1.0 W POTOMAC 06/29/19 13:26 EST 06/29/19 13:31 EST  D COUNTY BABAR POINT (E 06/29/19 13:31 EST 06/29/19 13:31 EST	DRE (BLTM2) [39.:	27, -76.58] 0 0 ain circulations and well lapse rates 76.99] 0 0 8.34, -77.01] 0 0	Marine Thunderstorm Wind (MG 37 kt) Source: Mesonet  Ind remnant mesoscale Is, one of these  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy  Marine Thunderstorm Wind (MG 40 kt) Source: Buoy

Page 6 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind gusts of up to 35 knots were observed.				
CHESAPEAKE BAY N BEACH TO DRUM PT N	ID COUNTY MID BAY BUOY	[38.47, -76.38]		
	06/29/19 14:12 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	06/29/19 14:12 EST		0	Source: Buoy
Wind gusts of up to 51 knots were observed.				
CHESAPEAKE BAY N BEACH TO DRUM PT N	ID COUNTY MID BAY BUOY	[38.47, -76.38]		
	06/29/19 14:18 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	06/29/19 14:42 EST		0	Source: Buoy
Wind gusts of up to 40 knots were observed.				
CHESAPEAKE BAY DRUM PT TO SMITH PT \	/A COUNTY PATUXENT RIVE	R ASOS (KNAK)	[38.29, -76.41]	
	06/29/19 14:38 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	06/29/19 14:38 EST		0	Source: Buoy
Wind gusts of up to 35 knots were observed.				
CHESAPEAKE BAY N BEACH TO DRUM PT N	ID COUNTY 5.8 W GOOSES F	REEF BUOY (440	62) [38.57, -76.52]	
	06/29/19 14:39 EST	•	0	Marine Hail (1.00 in)
	06/29/19 14:39 EST		0	Source: Trained Spotter
Hail up to the size of quarters was reported.				
CHESAPEAKE BAY POOLES IS TO SANDY P	T MD COUNTY (KMTN)MART	IN STATE AIRPO	ORT [39.33, -76.42]	
	06/29/19 15:10 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	06/29/19 15:10 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				
CHESAPEAKE BAY POOLES IS TO SANDY P	T MD COUNTY HART MILLER	R ISLAND (HRT)	[39.25, -76.37]	
	06/29/19 15:20 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	06/29/19 15:30 EST		0	Source: Buoy
Wind gusts of up to 36 knots were observed.				
PATAPSCO RIVER INCLUDING BALTIMORE	HARBOR COUNTY BALTIMO	RE (BLTM2) [39.2	27, -76.58]	
	06/29/19 15:24 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	06/29/19 15:24 EST		0	Source: Buoy
Wind gusts of up to 36 knots were observed.				
CHESAPEAKE BAY SANDY PT TO N BEACH	MD COUNTY GREENBERRY	POINT (GBY) [38	3.97, -76.46]	
	06/29/19 15:28 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	06/29/19 15:28 EST		0	Source: Buoy
Wind gusts of up to 36 knots were observed.				
CHESAPEAKE BAY N OF POOLES IS MD CO	UNTY GROVE POINT (GVP) [	39.40, -76.04]		
	06/29/19 15:33 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	06/29/19 15:33 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				
CHESAPEAKE BAY POOLES IS TO SANDY P	T MD COUNTY TOLCHESTER	R MD (TCBM2) [3	9.32, -76.25]	
	06/29/19 15:36 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	06/29/19 15:36 EST		0	Source: Buoy
Wind gusts of up to 34 knots were observed.				

Page 7 of 31 Printed on: 08/27/2019

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY BALTIMORE KEY BRIDGE (FS 06/29/19 15:36 EST 06/29/19 15:36 EST 06/29/19 15:36 EST 06/29/19 15:36 EST  Wind gusts of up to 46 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 15:50 EST 06/29/19 15:50 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 16:05 EST 06/29/19 16:05 EST  Wind gusts of up to 36 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 06/29/19 16:25 EST 06/29/19 16:25 EST 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 18 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:36 EST 06/29/19 16:36 EST 06/29/19 16:46 EST 06/29/19 17:00 EST 06/29/19 17:00 EST 06/29/19 17:00 EST 06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (MG 46 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 36 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
Wind gusts of up to 46 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 15:50 EST 06/29/19 15:50 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 16:05 EST 06/29/19 16:05 EST  Wind gusts of up to 36 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 06/29/19 16:25 EST 06/29/19 16:25 EST 06/29/19 16:32 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:36 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 17:00 EST 06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 36 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 15:50 EST Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 16:05 EST 06/29/19 16:05 EST 06/29/19 16:05 EST 06/29/19 16:05 EST 06/29/19 16:25 EST 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:46 EST 06/29/19 16:46 EST 06/29/19 16:56 EST 06/29/19 16:56 EST 06/29/19 16:56 EST 06/29/19 16:46 EST 06/29/19 17:00 EST 06/29/19 17:00 EST 06/29/19 17:00 EST 06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 36 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 15:50 EST 06/29/19 15:50 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 16:05 EST 06/29/19 16:05 EST 06/29/19 16:05 EST  Wind gusts of up to 36 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 06/29/19 16:25 EST 06/29/19 16:25 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:46 EST 06/29/19 17:00 EST 06/29/19 17:00 EST 06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (MG 36 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
06/29/19 15:50 EST 06/29/19 15:50 EST Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 16:05 EST 06/29/19 16:05 EST Wind gusts of up to 36 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 06/29/19 16:25 EST 06/29/19 16:25 EST Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:32 EST Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST 06/29/19 16:46 EST 06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (MG 36 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
O6/29/19 15:50 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 16:05 EST 06/29/19 16:05 EST  Wind gusts of up to 36 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 06/29/19 16:25 EST 06/29/19 16:25 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:46 EST 06/29/19 17:00 EST 06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (MG 36 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 16:05 EST 06/29/19 16:05 EST 06/29/19 16:05 EST  Wind gusts of up to 36 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 06/29/19 16:25 EST 06/29/19 16:25 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76 06/29/19 17:00 EST 06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (MG 36 kt) Source: Buoy  Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY BAYSIDE ES (STVVL) [38.98, -76.31 06/29/19 16:05 EST 06/29/19 16:05 EST  Wind gusts of up to 36 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 06/29/19 16:25 EST 06/29/19 16:25 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST 06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76 06/29/19 17:00 EST 06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
06/29/19 16:05 EST 06/29/19 16:05 EST 06/29/19 16:05 EST  Wind gusts of up to 36 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44] 06/29/19 16:25 EST 06/29/19 16:25 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38.06/29/19 16:32 EST 06/29/19 16:32 EST Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406.06/29/19 16:46 EST 06/29/19 16:46 EST 06/29/19 16:46 EST Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.06/29/19 17:00 EST 06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
Wind gusts of up to 36 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44]  06/29/19 16:25 EST  06/29/19 16:25 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38.06/29/19 16:32 EST  06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406.06/29/19 16:46 EST  06/29/19 16:46 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21]  06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.29/19 17:00 EST  06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44]  06/29/19 16:25 EST  06/29/19 16:25 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38.06/29/19 16:32 EST  06/29/19 16:32 EST  06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406.06/29/19 16:46 EST  06/29/19 16:46 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21]  06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.29/19 17:00 EST  06/29/19 17:00 EST	84, -76.54]	Marine Thunderstorm Wind (EG 34 kt) Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY TOLLY POINT (TOL) [38.94, -76.44]  06/29/19 16:25 EST  06/29/19 16:25 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.6/29/19 17:00 EST 06/29/19 17:00 EST	.84, -76.54] O	Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
06/29/19 16:25 EST 06/29/19 16:25 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.29/19 17:00 EST 06/29/19 17:00 EST 06/29/19 17:00 EST	.84, -76.54] O	Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76 06/29/19 17:00 EST 06/29/19 17:00 EST	.84, -76.54] O	Source: Buoy  Marine Thunderstorm Wind (MG 37 kt)
Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76 06/29/19 17:00 EST 06/29/19 17:00 EST	. <b>84, -76.54]</b> O	Marine Thunderstorm Wind (MG 37 kt)
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY 1.8 W SHADY SIDE ES (SHADY) [38 06/29/19 16:32 EST 06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76 06/29/19 17:00 EST 06/29/19 17:00 EST	0	• •
06/29/19 16:32 EST 06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.29/19 17:00 EST 06/29/19 17:00 EST 06/29/19 17:00 EST	0	·
06/29/19 16:32 EST  Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.06/29/19 17:00 EST 06/29/19 17:00 EST	0	• • •
Wind gusts of up to 37 knots were observed.  CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.29/19 17:00 EST 06/29/19 17:00 EST		Source: Buoy
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY 8.4 NNE GOOSES REEF BUOY (4406 06/29/19 16:46 EST 06/29/19 16:56 EST  Wind gusts of up to 36 knots were observed.  EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.29/19 17:00 EST 06/29/19 17:00 EST	0) 500 07 - 70 04	
EASTERN BAY COUNTY 2.3 ESE US-50 (MD040) [38.96, -76.21] 06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76.06/29/19 17:00 EST 06/29/19 17:00 EST	<b>2) [38.67, -76.34]</b> O	Marine Thunderstorm Wind (MG 36 kt) Source: Buoy
06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -70 06/29/19 17:00 EST 06/29/19 17:00 EST		•
06/29/19 16:46 EST 06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -70 06/29/19 17:00 EST 06/29/19 17:00 EST		
06/29/19 16:46 EST  Wind gusts of up to 34 knots were observed.  CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -76 06/29/19 17:00 EST 06/29/19 17:00 EST	0	Marine Thunderstorm Wind (EG 34 kt)
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY THOMAS POINT (TPLM2) [38.90, -70 06/29/19 17:00 EST 06/29/19 17:00 EST	0	Source: Buoy
06/29/19 17:00 EST 06/29/19 17:00 EST		
06/29/19 17:00 EST 06/29/19 17:00 EST	5.44]	
	0	Marine Thunderstorm Wind (EG 34 kt)
Wind gusts of up to 34 knots were observed.	0	Source: Buoy
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY CAMB	RIDGE (CAMM2) [	[38.57, -76.07]
06/29/19 17:25 EST	)	Marine Thunderstorm Wind (MG 42 kt)
06/29/19 17:25 EST		Source: Buoy
Wind gusts of up to 42 knots were observed.	0	
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY MARYLAND SCIENCE CENTE	0	
06/29/19 21:50 EST		3, -76.61]
06/29/19 21:50 EST		3, -76.61] Marine Thunderstorm Wind (MG 41 kt)
Wind gusts of up to 41 knots were observed.	R (BLMRE) [39.28	

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- ORIOLE PARK AT CAMDEN YARDS (BLTPC) [39.28, -76.62]

Page 8 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/29/19 21:50 EST	<b>,</b> <del>.</del>	0	Marine Thunderstorm Wind (MG 38 kt)
	06/29/19 21:50 EST		0	Source: Buoy
Vind gusts of up to 38 knots were obser	rved.			
TANGIER SOUND AND THE INLAND W	ATERS SURROUNDING BLOODSWO	 DRTH ISLAND COL	JNTY 17.0 NE S	` ', - ' -
	06/29/19 22:01 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	06/29/19 22:01 EST		0	Source: Buoy
Nind gusts of up to 38 knots were obser	rved.			
PATAPSCO RIVER INCLUDING BALTII		SPARROWS POIN		
	06/29/19 22:47 EST 06/29/19 22:47 EST		0	Marine Hail (1.75 in) Source: Trained Spotter
	00/29/19 22:47 E31		U	Source. Hameu Spotter
Hail up to 1.75 inches in diameter was o	bserved.			
Heat and humidity through the day on	June 29th led to a moderately unstal	ble air mass by the	e afternoon. A wea	k pressure trough
developed and heights began to fall by				
approach, increasing forcing across the	<del>-</del>			iopea from the mid
afternoon hours through well past sun	set. Some munuerstorms produced	gusty willus over t	ine waters.	
DISTRICT OF COLUMBIA				
DISTRICT OF COLUMBIA COUNTY (			_	
	06/02/19 16:32 EST		0	Hail (1.00 in)
	06/02/19 16:32 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" in dia	ameter) was reported.			
DISTRICT OF COLUMBIA COUNTY (			0	Hail (1.75 in)
	06/02/19 16:35 EST		0	Hail (1.75 in)
	06/02/19 16:35 EST		0	Source: Trained Spotter
Hail up to the size of golf balls (1.75" in o	diameter) was reported.			
DISTRICT OF COLUMBIA COUNTY	TENLEYTOWN [38.95, -77.07]			
· · · · · · · · · · · · · · · · · · ·	06/02/19 16:37 EST		0	Hail (1.25 in)
	06/02/19 16:37 EST		0	Source: Trained Spotter
Hail up to the size of half dollars (1.25" i	n diameter) was reported			
Trail up to the size of flati dollars (1.25 l	n diameter) was repulted.			
DISTRICT OF COLUMBIA COUNTY	TENLEYTOWN [38.95, -77.07]			
	06/02/19 16:40 EST		0	Hail (1.50 in)
	06/02/19 16:40 EST		0	Source: Trained Spotter
Hail up to the size of ping pong balls (1.	5" in diameter) was reported.			
DISTRICT OF COLUMBIA COUNTY	1.5.SSE.GEODGETOWN (20.00	41		
DISTRICT OF COLUMBIA COUNTY	1.5 SSE GEORGETOWN [38.90, -77.04 06/02/19 16:41 EST	+1	0	Hail (1.00 in)
	06/02/19 16:41 EST		0	Source: Other Federal Agency
			V	Source: Other reductal Agency
Hail up to the size of quarters (1.0" in dia	ameter) was reported at the White Hou	ise.		
DISTRICT OF COLUMBIA COUNTY (	T N I INCOLN MEMORIAL 138 99 7	7 051		
JISTINIOT OF COLUMBIA COUNTY (	U. / 14 E114CULI4 IVIEIVIURIAL 130.09/	1.001		
	06/02/19 16:42 EST	•	0	Hail (1.00 in)

Hail up to the size of quarters (1.0" in diameter) was reported at the Lincoln Memorial.

A cold front approached the region during the day of June 2nd, and that combined with broadly falling heights and increasing instability

06/02/19 16:42 EST

Page 9 of 31 Printed on: 08/27/2019

Source: Public

0

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
and wind shear, led to the develo	opment of scattered strong to locally sever	-		on and evening hours.
DISTRICT OF COLUMBIA COUN	TY 0.7 N TENLEYTOWN [38.96, -77.07]			
	06/17/19 15:18 EST		0	Hail (0.88 in)
	06/17/19 15:18 EST		0	Source: Trained Spotter
Hail up to the size of nickels (0.88	" in diameter) was reported.			
1 (****	, .			
DISTRICT OF COLUMBIA COUNT	TY 1.8 SW BROOKLAND [38.91, -77.02]			
	06/17/19 15:25 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/19 15:25 EST		0	Source: State Official
A tree was blown down in the 600	block of Underwood Street.			
While large scale forcing was we	ak across the region on June 17th, a zone	of differential hea	ting and a weak le	ee trough near the Blue
•	I terrain and sea-breeze circulations, were		-	_
• .	evening hours. Marginal instability and suf			

WASHINGTON COUNTY 1.5 NNE INDIAN SPGS [39.67, -77.99]			
06/02/19 14:57 EST	0	Hail (0.75 in)	
06/02/19 14:57 EST	0	Source: Trained Spotter	
Hail up to the size of dimes (0.75" in diameter) was reported.			
MONTGOMERY COUNTY 1.3 ENE POTOMAC [39.03, -77.20]			
06/02/19 16:22 EST	0	Hail (0.88 in)	
06/02/19 16:22 EST	0	Source: Public	
Hail up to the size of nickels (0.88" in diameter) was reported.			
MONTGOMERY COUNTY 0.7 S BETHESDA [38.96, -77.12]			
06/02/19 16:26 EST	0	Hail (1.75 in)	
06/02/19 16:26 EST	0	Source: Fire Department/Rescue	
Hail up to the size of golf balls (1.75" in diameter) was reported near the Glen Echo Fi	re Department.		
MONTGOMERY COUNTY 0.9 SW FRIENDSHIP HGTS [38.96, -77.09]			
06/02/19 16:26 EST	0	Thunderstorm Wind (EG 50 kt)	
06/02/19 16:26 EST	0	Source: Emergency Manager	
	· ·		
Tree limbs were blown down on Western Avenue near Fort Bayard Park.	Ů		
	0	Hail (0.75 in)	
MONTGOMERY COUNTY 1.3 ESE CEDAR GROVE [39.24, -77.21]		Hail (0.75 in) Source: Trained Spotter	
MONTGOMERY COUNTY 1.3 ESE CEDAR GROVE [39.24, -77.21] 06/02/19 16:27 EST 06/02/19 16:27 EST	0	· · · · · · · · · · · · · · · · · · ·	
MONTGOMERY COUNTY 1.3 ESE CEDAR GROVE [39.24, -77.21] 06/02/19 16:27 EST 06/02/19 16:27 EST Hail up to the size of dimes (0.75" in diameter) was reported.	0	Source: Trained Spotter	
MONTGOMERY COUNTY 1.3 ESE CEDAR GROVE [39.24, -77.21] 06/02/19 16:27 EST 06/02/19 16:27 EST Hail up to the size of dimes (0.75" in diameter) was reported.	0	· · · · · · · · · · · · · · · · · · ·	
MONTGOMERY COUNTY 1.3 ESE CEDAR GROVE [39.24, -77.21] 06/02/19 16:27 EST 06/02/19 16:27 EST  Hail up to the size of dimes (0.75" in diameter) was reported.  MONTGOMERY COUNTY 0.9 NE DAMASCUS [39.29, -77.19]	0 0	Source: Trained Spotter	
MONTGOMERY COUNTY 1.3 ESE CEDAR GROVE [39.24, -77.21] 06/02/19 16:27 EST 06/02/19 16:27 EST  Hail up to the size of dimes (0.75" in diameter) was reported.  MONTGOMERY COUNTY 0.9 NE DAMASCUS [39.29, -77.19] 06/02/19 16:40 EST 06/02/19 16:40 EST	0 0	Source: Trained Spotter  Thunderstorm Wind (EG 50 kt)	
MONTGOMERY COUNTY 1.3 ESE CEDAR GROVE [39.24, -77.21] 06/02/19 16:27 EST 06/02/19 16:27 EST  Hail up to the size of dimes (0.75" in diameter) was reported.  MONTGOMERY COUNTY 0.9 NE DAMASCUS [39.29, -77.19] 06/02/19 16:40 EST 06/02/19 16:40 EST A tree limb was blown down onto power lines along Howard Chapel Road.	0 0	Source: Trained Spotter  Thunderstorm Wind (EG 50 kt)	
06/02/19 16:27 EST  Hail up to the size of dimes (0.75" in diameter) was reported.  MONTGOMERY COUNTY 0.9 NE DAMASCUS [39.29, -77.19]  06/02/19 16:40 EST	0 0	Source: Trained Spotter  Thunderstorm Wind (EG 50 kt)	

Page 10 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hail up to the size of quarters (1.0" in diameter	) was reported near Potomac.			
MONTGOMERY COUNTY 0.5 W ROCKVILL	E [39.08, -77.16]			
	06/02/19 16:45 EST		0	Thunderstorm Wind (EG 50 kt)
	06/02/19 16:45 EST		0	Source: Trained Spotter
A tree was blown down at the intersection of A	utumn Wind Way and Rose Peta	al Way.		
MONTGOMERY COUNTY 0.7 N CEDAR GR	OVE [39.26, -77.23]			
	06/02/19 16:45 EST		0	Hail (2.00 in)
	06/02/19 16:45 EST		0	Source: COOP Observer
Hail up to the size of hen eggs (2.0" in diameter	r) was reported.			
MONTGOMERY COUNTY 0.9 SE PURDUM	[39.27, -77.22]			
	06/02/19 16:45 EST		0	Thunderstorm Wind (EG 50 kt)
	06/02/19 16:45 EST		0	Source: Fire Department/Rescue
A tree was blown onto a car in the 25100 block	of Ridge Road.			
MONTGOMERY COUNTY 1.4 S ROCKVILL	E [39.06, -77.15]			
	06/02/19 16:45 EST		0	Hail (1.50 in)
	06/02/19 16:45 EST		0	Source: Trained Spotter
Hail up to the size of ping pong balls (1.50" in o	liameter) was reported near Roo	kville.		
MONTGOMERY COUNTY 1.8 WNW LAYTO	NSVILLE [39.23, -77.18]			
	06/02/19 16:45 EST		0	Thunderstorm Wind (EG 50 kt)
	06/02/19 16:45 EST		0	Source: Public
A tree was blown down on MD-124 between Ki	mblehunt Drive and Goshen Scl	nool Road.		
MONTGOMERY COUNTY 0.5 W LUXMANO	R [39.05, -77.13]			
	06/02/19 16:49 EST		0	Hail (0.75 in)
	06/02/19 16:49 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diameter)	was reported.			
MONTGOMERY COUNTY ROCKVILLE [39.	08 -77 151			
montosment south interested (see	06/02/19 16:50 EST		0	Hail (1.75 in)
	06/02/19 16:50 EST		0	Source: Public
Hail up to the size of golf balls (1.75" in diamet	er) was reported near Rockville.			
HARFORD COUNTY 1.5 SSE BYNUM [39.5	5 -76 361			
312 33311 - 10 302 B1110M [33.0	06/02/19 16:51 EST		0	Hail (0.75 in)
	06/02/19 16:51 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diameter)	was reported.			
MONTGOMERY COUNTY GARRETT PARK	ESTATES [39 05 -77 10]			
	06/02/19 16:53 EST		0	Hail (0.75 in)
	06/02/19 16:53 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diameter)	was reported.			
HADEODD COUNTY OF A NIM ALDINO ADD	120 50 76 241			
HARFORD COUNTY 0.9 NW ALDINO ARPT	[39.58, -76.21] 06/02/19 16:54 EST		0	Hail (0.75 in)
	06/02/19 16:54 EST		0	Source: Trained Spotter
			-	•
Hail up to the size of dimes (0.75" in diameter)	was reported.			

Page 11 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY 0.5 E WHEAT				
	06/02/19 16:54 EST		0	Hail (1.00 in)
	06/02/19 16:54 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" in diame	ter) was reported near Glenmont.			
MONTGOMERY COUNTY 0.9 NW GLEN	MONT [39.08, -77.08]			
	06/02/19 16:54 EST		0	Hail (1.00 in)
	06/02/19 16:54 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" in diame	ter) was reported near Aspen Hill.			
MONTGOMERY COUNTY 1.4 NNW LAY	HILL [39.10, -77.06]			
	06/02/19 16:54 EST		0	Hail (1.50 in)
	06/02/19 16:54 EST		0	Source: Other Federal Agency
Hail up to the size of ping pong balls (1.5" in	diameter) was reported in Aspen H	lill.		
MONTGOMERY COUNTY 1.5 NNW LAY				
	06/02/19 16:54 EST		0	Thunderstorm Wind (EG 61 kt)
	06/02/19 16:54 EST		0	Source: Other Federal Agency
Tree limbs and several sections of fence we Numerous trees were blown down in Aspen Hunter Mountain Lane near Park Vista Drive	Hill, just off of MD-200, with one fall			
MONTGOMERY COUNTY 1.5 NNW LAY	HILL [39.10, -77.06] 06/02/19 16:55 EST		0	Hail (1.00 in)
	06/02/19 16:55 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" in diame			0	Hail (1.00 in)
	06/02/19 16:59 EST		0	Source: CoCoRaHS
Hail up to the size of quarters (1.0" in diame			Ç .	555,55,555,45,15
MONTGOMERY COUNTY 0.7 S WHEAT	• •			
	06/02/19 17:02 EST		0	Hail (0.88 in)
	06/02/19 17:02 EST		0	Source: Public
Hail up to the size of nickels (0.88" in diame	ter) was reported.			
HOWARD COUNTY 2.1 SSE KNOLLWO	OD [39.24, -77.02]			
	06/02/19 17:15 EST		0	Hail (0.75 in)
	06/02/19 17:15 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diamete	er) was reported.			
HOWARD COUNTY 1.6 E SAVAGE [39.1	- · · · · · · · · - · · · · · · · · · ·			
	06/02/19 17:20 EST		0	Thunderstorm Wind (EG 50 kt)
	06/02/19 17:20 EST		0	Source: State Official
A tree was blown down in the 10600 block o	of Guilford Road.			
HOWARD COUNTY 1.4 N DORSEY [39.2	20, -76.75]			
	06/02/19 17:23 EST		0	Thunderstorm Wind (EG 50 kt)
	06/02/19 17:23 EST		0	Source: Trained Spotter
A 5-inch in diameter tree limb was blown do	wn onto private property in Elkridge			

Page 12 of 31 Printed on: 08/27/2019

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOWARD COUNTY 1.8 NW GUILFORD [39.	<b>19, -76.85]</b> 06/02/19 17:23 EST		0	Thunderstorm Wind (EG 50 kt)
	06/02/19 17:23 EST		0	Source: State Official
A tree was blown down near the intersection of		dlerrock Way.	o .	Course. State Official
HOWARD COUNTY 0.7 S BRINKLEIGH MAI	NOD 120 27 76 921			
HOWARD COUNTY 0.7 3 BRINKLEIGH MAI	06/02/19 17:25 EST		0	Thunderstorm Wind (EG 50 kt)
	06/02/19 17:25 EST		0	Source: State Official
A couple of trees were blown down near the interest	ersection of Stevens Forest Ro	ad and Broken Lar	d Parkway.	
ANNE ARUNDEL COUNTY 0.9 SE GLEN BU				TI 1 4 WE 1/440 FOLD
	06/02/19 17:31 EST 06/02/19 17:31 EST		0	Thunderstorm Wind (MG 50 kt)
			0	Source: Trained Spotter
A 50-knot wind gust was measured at a meson	et near Glen Burnie.			
ANNE ARUNDEL COUNTY 0.5 W SEVERN	[ <b>39.13, -76.71</b> ] 06/02/19 17:36 EST		0	Hail (0.75 in)
	06/02/19 17:36 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diameter)	was reported.			
and wind shear, led to the development of sc	attered strong to locally sever	c manacistorins (	-	
		e munuerstorms (	0	Thunderstorm Wind (EG 50 kt) Source: State Official
and wind shear, led to the development of sca WASHINGTON COUNTY 0.9 NW LINCOLN A A tree was blown down on Slotler Road. A tree	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST		0	• •
WASHINGTON COUNTY 0.9 NW LINCOLN A A tree was blown down on Slotler Road. A tree	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp		0 appans Road.	Source: State Official
WASHINGTON COUNTY 0.9 NW LINCOLN A tree was blown down on Slotler Road. A tree	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST		0 appans Road.	Source: State Official  Thunderstorm Wind (EG 50 kt)
A tree was blown down on Slotler Road. A tree	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST	osburg Pike near La	0 appans Road. 0 0	Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was blown down on Slotler Road. A tree	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST	osburg Pike near La	0 appans Road. 0 0	Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official
WASHINGTON COUNTY 0.9 NW LINCOLN A A tree was blown down on Slotler Road. A tree FREDERICK COUNTY LIBERTYTOWN [39.4 A tree was blown down on MD-550 at MD-26. A	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST A tree was also blown down on	osburg Pike near La	0 appans Road. 0 0 oad near New Win	Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official adsor Road.
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4]  A tree was blown down on MD-550 at MD-26. A	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST	osburg Pike near La	0 appans Road. 0 0	Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4]  A tree was blown down on MD-550 at MD-26. A	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST A tree was also blown down on IN [39.33, -77.40] 06/13/19 16:14 EST 06/13/19 16:14 EST	osburg Pike near La	0 appans Road.  0 0 0 oad near New Win	Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official adsor Road.  Thunderstorm Wind (EG 50 kt)
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4]  A tree was blown down on MD-550 at MD-26. A  FREDERICK COUNTY 1.6 E BUCKEYSTOW  A tree was blown down on Baker Valley Road r	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp  18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST A tree was also blown down on  IN [39.33, -77.40] 06/13/19 16:14 EST 06/13/19 16:14 EST Dear Fingerboard Road.	osburg Pike near La	0 appans Road.  0 0 oad near New Win 0 0	Thunderstorm Wind (EG 50 kt) Source: State Official adsor Road.  Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4]  A tree was blown down on MD-550 at MD-26. A  FREDERICK COUNTY 1.6 E BUCKEYSTOW  A tree was blown down on Baker Valley Road r	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST 06/13/19 16:14 EST	osburg Pike near La	0 appans Road.  0 0 0 oad near New Win 0 0	Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official  Indsor Road.  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt)
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4  A tree was blown down on MD-550 at MD-26. A  FREDERICK COUNTY 1.6 E BUCKEYSTOW  A tree was blown down on Baker Valley Road r  CARROLL COUNTY 0.5 W MEDFORD [39.5	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST A tree was also blown down on IN [39.33, -77.40] 06/13/19 16:14 EST 06/13/19 16:14 EST near Fingerboard Road.  5, -77.06] 06/13/19 16:22 EST 06/13/19 16:22 EST	osburg Pike near La	0 appans Road.  0 0 oad near New Win 0 0	Thunderstorm Wind (EG 50 kt) Source: State Official adsor Road.  Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4  A tree was blown down on MD-550 at MD-26. A  FREDERICK COUNTY 1.6 E BUCKEYSTOW  A tree was blown down on Baker Valley Road r  CARROLL COUNTY 0.5 W MEDFORD [39.5	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST A tree was also blown down on IN [39.33, -77.40] 06/13/19 16:14 EST 06/13/19 16:14 EST near Fingerboard Road.  5, -77.06] 06/13/19 16:22 EST 06/13/19 16:22 EST	osburg Pike near La	0 appans Road.  0 0 0 oad near New Win 0 0	Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official  Indsor Road.  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt)
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4]  A tree was blown down on MD-550 at MD-26. A  FREDERICK COUNTY 1.6 E BUCKEYSTOW  A tree was blown down on Baker Valley Road r  CARROLL COUNTY 0.5 W MEDFORD [39.5]  A tree was blown down near the intersection of	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST 06/13/19 16:05 EST 06/13/19 16:14 EST 06/13/19 16:14 EST 06/13/19 16:14 EST 06/13/19 16:22 EST 06/13/19 16:22 EST Medford Road and New Winds 1, -77.19]	osburg Pike near La	0 appans Road.  0 0 0 oad near New Win 0 0	Thunderstorm Wind (EG 50 kt) Source: State Official  Indsor Road.  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4]  A tree was blown down on MD-550 at MD-26. A  FREDERICK COUNTY 1.6 E BUCKEYSTOW  A tree was blown down on Baker Valley Road r  CARROLL COUNTY 0.5 W MEDFORD [39.5]  A tree was blown down near the intersection of	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST A tree was also blown down on 1/N [39.33, -77.40] 06/13/19 16:14 EST 06/13/19 16:14 EST 06/13/19 16:22 EST Medford Road and New Winds 19, -77.19] 06/13/19 16:34 EST	osburg Pike near La	0 appans Road.  0 0 0 oad near New Win 0 0 0	Thunderstorm Wind (EG 50 kt) Source: State Official  Indsor Road.  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Thunderstorm Wind (EG 50 kt)
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4]  A tree was blown down on MD-550 at MD-26. A  FREDERICK COUNTY 1.6 E BUCKEYSTOW  A tree was blown down on Baker Valley Road r  CARROLL COUNTY 0.5 W MEDFORD [39.5]  A tree was blown down near the intersection of  CHARLES COUNTY 0.5 E GRAYTON [38.42]	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST 06/13/19 16:05 EST 06/13/19 16:14 EST 06/13/19 16:14 EST 06/13/19 16:14 EST 06/13/19 16:22 EST 06/13/19 16:22 EST Medford Road and New Winds 12, -77.19] 06/13/19 16:34 EST 06/13/19 16:34 EST	esburg Pike near La	0 appans Road.  0 0 0 oad near New Win 0 0	Thunderstorm Wind (EG 50 kt) Source: State Official  Indsor Road.  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was blown down on Slotler Road. A tree  FREDERICK COUNTY LIBERTYTOWN [39.4]  A tree was blown down on MD-550 at MD-26. A  FREDERICK COUNTY 1.6 E BUCKEYSTOW  A tree was blown down on Baker Valley Road r  CARROLL COUNTY 0.5 W MEDFORD [39.5]  A tree was blown down near the intersection of  CHARLES COUNTY 0.5 E GRAYTON [38.42]  A tree was blown down at the intersection of Ho	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST 06/13/19 16:14 EST 06/13/19 16:14 EST 06/13/19 16:14 EST 06/13/19 16:22 EST 06/13/19 16:22 EST 06/13/19 16:22 EST 06/13/19 16:34 EST 06/13/19 16:34 EST 06/13/19 16:34 EST	esburg Pike near La	0 appans Road.  0 0 0 oad near New Win 0 0 0	Thunderstorm Wind (EG 50 kt) Source: State Official  Indsor Road.  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Thunderstorm Wind (EG 50 kt)
WASHINGTON COUNTY 0.9 NW LINCOLN	AVENUE [39.63, -77.78] 06/13/19 15:15 EST 06/13/19 15:15 EST was also blown down on Sharp 18, -77.25] 06/13/19 16:05 EST 06/13/19 16:05 EST 06/13/19 16:14 EST 06/13/19 16:14 EST 06/13/19 16:14 EST 06/13/19 16:22 EST 06/13/19 16:22 EST 06/13/19 16:22 EST 06/13/19 16:34 EST 06/13/19 16:34 EST 06/13/19 16:34 EST	esburg Pike near La	0 appans Road.  0 0 0 oad near New Win 0 0 0	Thunderstorm Wind (EG 50 kt) Source: State Official  Indsor Road.  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Thunderstorm Wind (EG 50 kt)

Three trees blown down along Fenwick Road.

Page 13 of 31 Printed on: 08/27/2019

06/13/19 16:38 EST 0 Source:  A tree was blown down near the intersection of Raintree Avenue and Neudecker Road, closing the roadway. A tree was also bit Road and Houcksville Road.  CHARLES COUNTY 0.5 W BRYANS ROAD [38.63, -77.08]  06/13/19 16:38 EST 0 Thunde 06/13/19 16:38 EST 0 Source:  A tree was blown down near the intersection of Marshall Hall Road and Lantana Road. A tree was also blown down in the 2600  CARROLL COUNTY 1.7 ESE HOUCKSVILLE [39.57, -76.85]  06/13/19 16:43 EST 0 Thunde 06/13/19 16:43 EST 0 Source:  Eight-inch in diameter trees snapped.  CHARLES COUNTY 0.5 E BEL ALTON [38.47, -76.97]  06/13/19 16:52 EST 0 Thunde 06/13/19 16:52 EST 0 Source:  A tree was blown down at the intersection of Bel Alton-Newtown Road and Mudd Road.  HARFORD COUNTY 2.6 NW ROCKS [39.66, -76.45]  06/13/19 17:20 EST 0 Thunde 06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32]  06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down hARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]  06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Gienville Road.	Гуре and Details	Property & Crop Dmg	Deaths & Injuries	Date/Time
A tree was blown down near the intersection of Raintree Avenue and Neudecker Road, closing the roadway. A tree was also bid Road and Houcksville Road.  CHARLES COUNTY 0.5 W BRYANS ROAD [38.63, -77.08]  06/13/19 16:38 EST  0 Thunde 06/13/19 16:38 EST  0 Source:  A tree was blown down near the intersection of Marshall Hall Road and Lantana Road. A tree was also blown down in the 2600  CARROLL COUNTY 1.7 ESE HOUCKSVILLE [39.57, -76.85]  06/13/19 16:43 EST  0 Thunde 06/13/19 16:43 EST  0 Thunde 06/13/19 16:43 EST  0 Thunde 06/13/19 16:52 EST  0 Thunde 06/13/19 16:52 EST  0 Thunde 06/13/19 16:52 EST  0 Thunde 06/13/19 17:20 EST  0 Thunde 06/13/19 17:20 EST  0 Thunde 06/13/19 17:20 EST  0 Thunde 06/13/19 17:30 EST  0 Thunde 06/13/19 17:35 EST  0 Source:				
A tree was blown down near the intersection of Raintree Avenue and Neudecker Road, closing the roadway. A tree was also blown down near the intersection of Raintree Avenue and Neudecker Road, closing the roadway. A tree was also blown down near the intersection of Marshall Hall Road and Lantana Road. A tree was also blown down in the 2600 CARROLL COUNTY 1.7 ESE HOUCKSVILLE [39.57, -76.85]  06/13/19 16:38 EST  0 Thunde 06/13/19 16:43 EST 0 Source:  06/13/19 16:43 EST 0 Thunde 06/13/19 16:43 EST 0 Thunde 06/13/19 16:52 EST 0 Thunde 06/13/19 16:52 EST 0 Thunde 06/13/19 16:52 EST 0 Source:  A tree was blown down at the intersection of Bel Alton-Newtown Road and Mudd Road.  HARFORD COUNTY 2.6 NW ROCKS [39.66, -76.45] 06/13/19 17:20 EST 0 Thunde 06/13/19 17:20 EST 0 Thunde 06/13/19 17:20 EST 0 Thunde 06/13/19 17:30 EST 0 Thunde 06/13/19 17:35 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24] 06/13/19 17:35 EST 0 Thunde 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Gierwille Road.  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24] 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Gierwille Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14] 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	erstorm Wind (EG 50 kt)			
Road and Houcksville Road.  CHARLES COUNTY 0.5 W BRYANS ROAD [38.63, -77.08]  06/13/19 16:38 EST 0 Thunde 06/13/19 16:38 EST 0 Source:  A tree was blown down near the intersection of Marshall Hall Road and Lantana Road. A tree was also blown down in the 2600  CARROLL COUNTY 1.7 ESE HOUCKSVILLE [39.57, -76.85] 06/13/19 16:43 EST 0 Thunde 06/13/19 16:43 EST 0 Source:  CHARLES COUNTY 0.5 E BEL ALTON [38.47, -76.97] 06/13/19 16:52 EST 0 Thunde 06/13/19 16:52 EST 0 Source:  A tree was blown down at the intersection of Bel Alton-Newtown Road and Mudd Road.  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down down down down down down down d	: State Official	0		06/13/19 16:38 EST
06/13/19 16:38 EST 0 Thunde 06/13/19 16:38 EST 0 Source:  A tree was blown down near the intersection of Marshall Hall Road and Lantana Road. A tree was also blown down in the 2600  CARROLL COUNTY 1.7 ESE HOUCKSVILLE [39.57, -76.85] 06/13/19 16:43 EST 0 Thunde 06/13/19 16:43 EST 0 Source:  Eight-inch in diameter trees snapped.  CHARLES COUNTY 0.5 E BEL ALTON [38.47, -76.97] 06/13/19 16:52 EST 0 Thunde 06/13/19 16:52 EST 0 Source:  A tree was blown down at the intersection of Bel Alton-Newtown Road and Mudd Road.  HARFORD COUNTY 2.6 NW ROCKS [39.66, -76.45] 06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32] 06/13/19 17:30 EST 0 Thunde 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24] 06/13/19 17:35 EST 0 Thunde 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.	own down at Carrollton	roadway. A tree w	cker Road, closing th	
06/13/19 16:38 EST 0 Source:  A tree was blown down near the intersection of Marshall Hall Road and Lantana Road. A tree was also blown down in the 2600 CARROLL COUNTY 1.7 ESE HOUCKSVILLE [39.57, -76.85]  06/13/19 16:43 EST 0 Thunde 06/13/19 16:43 EST 0 Source:  Eight-inch in diameter trees snapped.  CHARLES COUNTY 0.5 E BEL ALTON [38.47, -76.97]  06/13/19 16:52 EST 0 Thunde 06/13/19 16:52 EST 0 Source:  A tree was blown down at the intersection of Bel Alton-Newtown Road and Mudd Road.  HARFORD COUNTY 2.6 NW ROCKS [39.66, -76.45]  06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32]  06/13/19 17:30 EST 0 Thunde 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]  06/13/19 17:35 EST 0 Thunde 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST 0 Thunde 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.				COUNTY 0.5 W BRYANS ROAD [38.63, -77.08]
A tree was blown down near the intersection of Marshall Hall Road and Lantana Road. A tree was also blown down in the 2600  CARROLL COUNTY 1.7 ESE HOUCKSVILLE [39.57, -76.85]  06/13/19 16:43 EST  0 Thunde 06/13/19 16:43 EST  0 Thunde 106/13/19 16:52 EST  0 Thunde 06/13/19 17:20 EST  0 Thunde 06/13/19 17:20 EST  0 Thunde 06/13/19 17:20 EST  0 Thunde 06/13/19 17:30 EST  0 Thunde 06/13/19 17:30 EST  0 Thunde 06/13/19 17:30 EST  0 Thunde 06/13/19 17:35 EST  0 Thunde 06/13/19 17:42 EST  0 Thunde	erstorm Wind (EG 50 kt)	0		06/13/19 16:38 EST
CARROLL COUNTY 1.7 ESE HOUCKSVILLE [39.57, -76.85]  06/13/19 16:43 EST  0 Source:  Cight-inch in diameter trees snapped.  CHARLES COUNTY 0.5 E BEL ALTON [38.47, -76.97]  06/13/19 16:52 EST  0 Thunde  06/13/19 16:52 EST  0 Thunde  06/13/19 17:20 EST  0 Thunde  06/13/19 17:30 EST  0 Thunde  06/13/19 17:35 EST  0 Thunde  06/13/19 17:42 EST  0 Thunde  06/13/19 17:42 EST  0 Thunde	: State Official	0		06/13/19 16:38 EST
06/13/19 16:43 EST 0 Thunde 06/13/19 16:43 EST 0 Source:    CHARLES COUNTY 0.5 E BEL ALTON [38.47, -76.97]	block of Dakota Street.	also blown down i	ana Road. A tree wa	olown down near the intersection of Marshall Hall Road and Lantai
06/13/19 16:43 EST 0 Source:  CHARLES COUNTY 0.5 E BEL ALTON [38.47, -76.97]  06/13/19 16:52 EST 0 Thunde: 06/13/19 16:52 EST 0 Source:  A tree was blown down at the intersection of Bel Alton-Newtown Road and Mudd Road.  HARFORD COUNTY 2.6 NW ROCKS [39.66, -76.45]  06/13/19 17:20 EST 0 Thunde: 06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32] 06/13/19 17:30 EST 0 Thunde: 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down down down on the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down down down on the 400 block of Glenville Road.  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.44] 06/13/19 17:42 EST 0 Thunde: 06/13/19 17:42 EST 0 Thunde: 06/13/19 17:42 EST 0 Source:				COUNTY 1.7 ESE HOUCKSVILLE [39.57, -76.85]
Eight-inch in diameter trees snapped.  CHARLES COUNTY 0.5 E BEL ALTON [38.47, -76.97]  06/13/19 16:52 EST 0 Thunde 06/13/19 16:52 EST 0 Source:  A tree was blown down at the intersection of Bel Alton-Newtown Road and Mudd Road.  HARFORD COUNTY 2.6 NW ROCKS [39.66, -76.45] 06/13/19 17:20 EST 0 Thunde 06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32] 06/13/19 17:30 EST 0 Thunde 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24] 06/13/19 17:35 EST 0 Thunde 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14] 06/13/19 17:42 EST 0 Thunde 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	erstorm Wind (EG 50 kt)	0		06/13/19 16:43 EST
CHARLES COUNTY 0.5 E BEL ALTON [38.47, -76.97]  06/13/19 16:52 EST  0 Thunde 06/13/19 16:52 EST  0 Source:  A tree was blown down at the intersection of Bel Alton-Newtown Road and Mudd Road.  HARFORD COUNTY 2.6 NW ROCKS [39.66, -76.45]  06/13/19 17:20 EST  0 Thunde 06/13/19 17:20 EST  0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32]  06/13/19 17:30 EST  0 Thunde 06/13/19 17:30 EST  0 Thunde 06/13/19 17:35 EST  0 Source:  A tree was blown down in the 400 block of Glenville Road.	: Amateur Radio	0		06/13/19 16:43 EST
06/13/19 16:52 EST 0 Thunde 06/13/19 17:20 EST 0 Thunde 06/13/19 17:20 EST 0 Thunde 06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32] 06/13/19 17:30 EST 0 Thunde 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24] 06/13/19 17:35 EST 0 Thunde 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14] 06/13/19 17:42 EST 0 Thunde 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.				diameter trees snapped.
06/13/19 16:52 EST 0 Thunde 06/13/19 17:20 EST 0 Thunde 06/13/19 17:20 EST 0 Thunde 06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32] 06/13/19 17:30 EST 0 Thunde 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24] 06/13/19 17:35 EST 0 Thunde 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14] 06/13/19 17:42 EST 0 Thunde 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.				COUNTY 0.5 E BEL ALTON [38.47, -76.97]
A tree was blown down at the intersection of Bel Alton-Newtown Road and Mudd Road.  HARFORD COUNTY 2.6 NW ROCKS [39.66, -76.45]  06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32]  06/13/19 17:30 EST 0 Thunde 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24] 06/13/19 17:35 EST 0 Thunde 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14] 06/13/19 17:42 EST 0 Thunde 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	erstorm Wind (EG 50 kt)	0		
HARFORD COUNTY 2.6 NW ROCKS [39.66, -76.45]  06/13/19 17:20 EST  0 Thunde 06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32]  06/13/19 17:30 EST 0 Thunde 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]  06/13/19 17:35 EST 0 Thunde 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST 0 Thunde 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	: State Official	0		06/13/19 16:52 EST
06/13/19 17:20 EST 0 Thunder 06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32]  06/13/19 17:30 EST 0 Thunder 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]  06/13/19 17:35 EST 0 Thunder 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST 0 Thunder 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.			/ludd Road.	olown down at the intersection of Bel Alton-Newtown Road and Mu
06/13/19 17:20 EST 0 Thunder 06/13/19 17:20 EST 0 Source:  A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32]  06/13/19 17:30 EST 0 Thunder 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]  06/13/19 17:35 EST 0 Thunder 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST 0 Thunder 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.				COUNTY 2.6 NW ROCKS [39.66, -76.45]
A tree was blown down on wires in the 4300 block of Federal Hill Road. A tree was also blown down on Fawn Grove Road.  HARFORD COUNTY EMMORTON [39.50, -76.32]  06/13/19 17:30 EST 0 Thunder 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24] 06/13/19 17:35 EST 0 Thunder 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14] 06/13/19 17:42 EST 0 Thunder 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	erstorm Wind (EG 50 kt)	0		
HARFORD COUNTY EMMORTON [39.50, -76.32]  06/13/19 17:30 EST  0 Thunde 06/13/19 17:30 EST  0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]  06/13/19 17:35 EST  0 Thunde 06/13/19 17:35 EST  0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST  0 Thunde 06/13/19 17:42 EST  0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	: State Official	0		06/13/19 17:20 EST
06/13/19 17:30 EST 0 Thunder 06/13/19 17:30 EST 0 Source:  A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24] 06/13/19 17:35 EST 0 Thunder 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14] 06/13/19 17:42 EST 0 Thunder 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.		n on Fawn Grove	ee was also blown do	blown down on wires in the 4300 block of Federal Hill Road. A tree
A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]  06/13/19 17:35 EST 0 Thunde 06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST 0 Thunde 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.				COUNTY EMMORTON [39.50, -76.32]
A tree was blown down at the intersection of Laurel Bush Road and Point to Point Road. Numerous trees were also blown down  HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]  06/13/19 17:35 EST  0 Thunder 06/13/19 17:35 EST  0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST  0 Thunder 06/13/19 17:42 EST  0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	erstorm Wind (EG 61 kt)	0		06/13/19 17:30 EST
HARFORD COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]  06/13/19 17:35 EST  0 Thunde 06/13/19 17:35 EST  0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST  0 Thunde 06/13/19 17:42 EST  0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	: State Official	0		06/13/19 17:30 EST
06/13/19 17:35 EST       0       Thunder         06/13/19 17:35 EST       0       Source:         A tree was blown down in the 400 block of Glenville Road.         HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]         06/13/19 17:42 EST       0       Thunder         06/13/19 17:42 EST       0       Source:         A tree was blown down in the 4400 block of Webster Lapidum Drive.	n along Hunters Run Drive.	s trees were also b	Point Road. Numero	olown down at the intersection of Laurel Bush Road and Point to P
06/13/19 17:35 EST 0 Source:  A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST 0 Thunder 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.				COUNTY 0.5 E CHURCHVILLE [39.57, -76.24]
A tree was blown down in the 400 block of Glenville Road.  HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14]  06/13/19 17:42 EST  0 Thunder  06/13/19 17:42 EST  0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	erstorm Wind (EG 50 kt)	0		06/13/19 17:35 EST
HARFORD COUNTY 0.9 SW LAPIDUM [39.59, -76.14] 06/13/19 17:42 EST 0 Thunde 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.	: State Official	0		06/13/19 17:35 EST
06/13/19 17:42 EST 0 Thunder 06/13/19 17:42 EST 0 Source:  A tree was blown down in the 4400 block of Webster Lapidum Drive.				olown down in the 400 block of Glenville Road.
06/13/19 17:42 EST 0 Source: A tree was blown down in the 4400 block of Webster Lapidum Drive.				COUNTY 0.9 SW LAPIDUM [39.59, -76.14]
A tree was blown down in the 4400 block of Webster Lapidum Drive.	erstorm Wind (EG 50 kt)	0		06/13/19 17:42 EST
	: State Official	0		06/13/19 17:42 EST
HARFORD COUNTY PERRYMAN [39.47, -76.20]				olown down in the 4400 block of Webster Lapidum Drive.
				COUNTY PERRYMAN [39.47, -76.20]
06/13/19 17:45 EST 0 Thunder	erstorm Wind (EG 50 kt)	0		- · · · · · · · · · · · · · · · · · · ·
06/13/19 17:45 EST 0 Source:	: State Official	0		06/13/19 17:45 EST

MONTGOMERY COUNTY --- 0.5 W ROCK CREEK FOREST [38.98, -77.06]

thunderstorms across the region during the afternoon and evening hours.

low heights aloft and warm surface temperatures combined with strong wind shear set the stage for scattered strong to locally severe

Page 14 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/17/19 15:18 EST		0	Hail (0.88 in)
	06/17/19 15:18 EST		0	Source: Public
Hail up to the size of nickels (0.88" in diamete	r) was reported.			
HOWARD COUNTY 0.9 SE EAST LIOAK [				
	06/17/19 15:33 EST		0	Hail (1.00 in)
	06/17/19 15:33 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" in diamete	r) was reported.			
ST. MARY'S COUNTY 0.5 W LEONARDTO				
	06/17/19 15:40 EST		0	Hail (1.75 in)
	06/17/19 15:40 EST		0	Source: Trained Spotter
Hail up to the size of golf balls (1.75" in diame	ter) was reported.			
ST. MARY'S COUNTY 0.7 S LEONARDTO	WN [38.29, -76.63]			
	06/17/19 15:41 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/19 15:41 EST		0	Source: State Official
A tree was down in the 22000 block of Camp	Calvert Road.			
ST. MARY'S COUNTY 0.5 W LEONARDTO	OWN [38.30, -76.64]			
	06/17/19 15:42 EST		0	Hail (0.88 in)
	06/17/19 15:42 EST		0	Source: Trained Spotter
Hail up to the size of nickels (0.88" in diamete	r) was reported.			
ST. MARY'S COUNTY BEAUVUE [38.25, -'	76 631			
DENOTED [00:20,	06/17/19 15:48 EST		0	Hail (1.75 in)
	06/17/19 15:48 EST		0	Source: Broadcast Media
Hail up to the size of golf balls (1.75" in diame	ter) was reported.			
ST. MARY'S COUNTY 0.5 W LEONARDTO	OWN [38.30, -76.64]			
	06/17/19 15:50 EST		0	Hail (0.75 in)
	06/17/19 15:50 EST		0	Source: Emergency Manager
Hail up to the size of dimes (0.75" in diameter	) was reported.			
ANNE ARUNDEL COUNTY 0.5 E DELMON	IT [39.13, -76.66]			
	06/17/19 15:54 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/19 15:54 EST		0	Source: State Official
A tree was blown down near the intersection of	of Stevenson Road and McNelin V	Vay.		
PRINCE GEORGE'S COUNTY 2.1 NW LEE	I AND [38 89 -76 78]			
. MINOL GLORGE & COUNTY 2.1 NW LEE	06/17/19 15:55 EST		0	Thunderstorm Wind (EG 61 kt)
	06/17/19 15:55 EST		0	Source: Trained Spotter
Multiple trees were blown down in Kettering a	long MD-193.			
ST. MARY'S COUNTY 0.9 NW CHINGVILL	E [38.24, -76.56] 06/17/19 15:55 EST		0	Hail (1.75 in)
	06/17/19 15:55 EST		0	Source: Trained Spotter
Hail up to the size of golf balls (1.75" in diame				•
ST. MARY'S COUNTY 1.3 WNW CHINGVII	<b>LE [38.24, -76.57]</b> 06/17/19 15:55 EST		0	Thunderstorm Wind (EG 61 kt)
	06/17/19 15:55 EST		0	Source: State Official
			-	

Page 15 of 31 Printed on: 08/27/2019

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Multiple trees were blown down in the 220	000 block of Point Lookout Road. Tre	es and power lines	were also blown o	down in several locations along MD-5.
ST. MARY'S COUNTY 0.9 SW LEXING	STON PARK [38.26, -76.46] 06/17/19 16:00 EST		0	Hail (0.88 in)
	06/17/19 16:00 EST		0	Source: Trained Spotter
Hail up to the size of nickels (0.88" in dian			Ü	course. Trained opolici
riali up to the size of flickers (0.00 in diali	neter) was reported.			
ANNE ARUNDEL COUNTY 0.7 S GRE				
	06/17/19 16:03 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/19 16:03 EST		0	Source: State Official
A tree was blown down on Catherine Ave	nue near Schramms Crossing.			
ST. MARY'S COUNTY 0.9 NE GREAT	MILLS [38.24, -76.49]			
	06/17/19 16:10 EST		0	Hail (0.88 in)
	06/17/19 16:10 EST		0	Source: Trained Spotter
Hail up to the size of nickels (0.88" in dian	meter) was reported.			
PRINCE GEORGE'S COUNTY 1.6 W A	ACCOKEEK [38.67, -77.06]			
	06/17/19 16:50 EST		0	Hail (1.75 in)
	06/17/19 16:50 EST		0	Source: Public
Hail up to the size of golf balls (1.75" in dia	ameter) was reported.			
PRINCE GEORGE'S COUNTY 1.6 W A	ACCOKEEK [38.67, -77.06]			
	06/17/19 16:50 EST		0	Thunderstorm Wind (EG 61 kt)
	06/17/19 16:50 EST		0	Source: Public
Several trees and telephone poles and wi	res were blown down.			
ANNE ARUNDEL COUNTY 1.1 W FAIF				
ANNE ARUNDEL COUNTY 1.1 W FAIF	06/17/19 18:27 EST		0	Thunderstorm Wind (EG 50 kt)
ANNE ARUNDEL COUNTY 1.1 W FAIF			0 0	Thunderstorm Wind (EG 50 kt) Source: State Official
ANNE ARUNDEL COUNTY 1.1 W FAIF  A tree was blown down on Solomons Islan	06/17/19 18:27 EST 06/17/19 18:27 EST	as also blown dowr	0	Source: State Official
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening	06/17/19 18:27 EST 06/17/19 18:27 EST and Road near Jewell Road. A tree was sess the region on June 17th, a zone and sea-breeze circulations, were	of differential hea enough to genera	0 on Solomons Isla ting and a weak le te scattered thund	Source: State Official  nd Road near Friendship Road.  see trough near the Blue derstorms across the
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.	06/17/19 18:27 EST 06/17/19 18:27 EST and Road near Jewell Road. A tree was ses the region on June 17th, a zone and sea-breeze circulations, were ghours. Marginal instability and sufficiency.	of differential hea enough to genera	0 on Solomons Isla ting and a weak le te scattered thunc promoted the gro	Source: State Official  nd Road near Friendship Road.  se trough near the Blue derstorms across the bowth of some of these
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.	06/17/19 18:27 EST 06/17/19 18:27 EST and Road near Jewell Road. A tree was ses the region on June 17th, a zone an and sea-breeze circulations, were g hours. Marginal instability and suff EBRAKER [39.35, -77.70] 06/27/19 15:51 EST	of differential hea enough to genera	0 on Solomons Isla ting and a weak lete scattered thunce promoted the gro	Source: State Official  nd Road near Friendship Road.  see trough near the Blue derstorms across the bowth of some of these  Thunderstorm Wind (EG 50 kt)
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.	06/17/19 18:27 EST 06/17/19 18:27 EST and Road near Jewell Road. A tree was ses the region on June 17th, a zone and sea-breeze circulations, were ghours. Marginal instability and sufficiency.	of differential hea enough to genera	0 on Solomons Isla ting and a weak le te scattered thunc promoted the gro	Source: State Official  nd Road near Friendship Road.  se trough near the Blue derstorms across the bowth of some of these
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.  WASHINGTON COUNTY 1.1 W STONE	06/17/19 18:27 EST 06/17/19 18:27 EST nd Road near Jewell Road. A tree was used the region on June 17th, a zone in and sea-breeze circulations, were ground hours. Marginal instability and sufficient to 18	of differential hea enough to genera	0 on Solomons Isla ting and a weak lete scattered thunce promoted the gro	Source: State Official  nd Road near Friendship Road.  see trough near the Blue derstorms across the bowth of some of these  Thunderstorm Wind (EG 50 kt)
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.  WASHINGTON COUNTY 1.1 W STONE A tree was blown down onto a driveway o	06/17/19 18:27 EST 06/17/19 18:27 EST nd Road near Jewell Road. A tree was sess the region on June 17th, a zone in and sea-breeze circulations, were grhours. Marginal instability and suffice EBRAKER [39.35, -77.70] 06/27/19 15:51 EST 06/27/19 15:51 EST on Brown Road.	of differential hea enough to genera fficient wind shear	0 on Solomons Isla ting and a weak le te scattered thunc promoted the gro	Source: State Official  nd Road near Friendship Road.  see trough near the Blue derstorms across the bwth of some of these  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.  WASHINGTON COUNTY 1.1 W STONE  A tree was blown down onto a driveway o Relatively high low level moisture and s circulations to generate a few pulse sev	06/17/19 18:27 EST 06/17/19 18:27 EST nd Road near Jewell Road. A tree was sess the region on June 17th, a zone in and sea-breeze circulations, were grhours. Marginal instability and sufficient to the season of t	of differential hea enough to genera fficient wind shear	0 on Solomons Isla ting and a weak le te scattered thunc promoted the gro	Source: State Official  nd Road near Friendship Road.  see trough near the Blue derstorms across the bwth of some of these  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.  WASHINGTON COUNTY 1.1 W STONE  A tree was blown down onto a driveway o Relatively high low level moisture and s circulations to generate a few pulse sev	06/17/19 18:27 EST 06/17/19 18:27 EST nd Road near Jewell Road. A tree was sess the region on June 17th, a zone in and sea-breeze circulations, were grhours. Marginal instability and sufficient to the season of t	of differential hea enough to genera fficient wind shear	0 on Solomons Isla ting and a weak le te scattered thunc promoted the gro	Source: State Official  nd Road near Friendship Road.  see trough near the Blue derstorms across the bwth of some of these  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
	06/17/19 18:27 EST 06/17/19 18:27 EST nd Road near Jewell Road. A tree was sess the region on June 17th, a zone in and sea-breeze circulations, were go hours. Marginal instability and sufficient to be seen and sea-breeze circulations, were go hours. Marginal instability and sufficient to be seen and sea-breeze circulations, were go hours. Marginal instability and sufficient to be seen and sea-breeze circulations, were go hours. Marginal instability and sufficient to be seen and sea-breeze circulations. Sea to be seen and sea to be sea to be seen and sea to be seen and sea to be seen and sea to b	of differential hea enough to genera fficient wind shear	0 on Solomons Isla ting and a weak lete scattered thunce promoted the gro	Source: State Official  nd Road near Friendship Road.  see trough near the Blue derstorms across the bowth of some of these  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.  WASHINGTON COUNTY 1.1 W STONE A tree was blown down onto a driveway o Relatively high low level moisture and s circulations to generate a few pulse sev	06/17/19 18:27 EST 06/17/19 18:27 EST nd Road near Jewell Road. A tree was sess the region on June 17th, a zone in and sea-breeze circulations, were grown. Marginal instability and sufficient to the season of the	of differential hea enough to genera fficient wind shear	0 on Solomons Isla ting and a weak lete scattered thunce promoted the gro	Source: State Official  nd Road near Friendship Road.  se trough near the Blue derstorms across the bwth of some of these  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  th.  Thunderstorm Wind (EG 50 kt)
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.  WASHINGTON COUNTY 1.1 W STONE  A tree was blown down onto a driveway o Relatively high low level moisture and s circulations to generate a few pulse sev	06/17/19 18:27 EST 06/17/19 18:27 EST nd Road near Jewell Road. A tree was used the region on June 17th, a zone in and sea-breeze circulations, were ground hours. Marginal instability and sufficient to the search of the search	of differential hea enough to genera fficient wind shear	0 on Solomons Isla ting and a weak lete scattered thunce promoted the gro	Source: State Official  nd Road near Friendship Road.  se trough near the Blue derstorms across the bwth of some of these  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  th.  Thunderstorm Wind (EG 50 kt)
A tree was blown down on Solomons Islan While large scale forcing was weak acro Ridge, when combined with local terrain region during the afternoon and evening thunderstorms to severe levels.  WASHINGTON COUNTY 1.1 W STONE A tree was blown down onto a driveway o Relatively high low level moisture and s circulations to generate a few pulse sev	06/17/19 18:27 EST 06/17/19 18:27 EST nd Road near Jewell Road. A tree was used the region on June 17th, a zone in and sea-breeze circulations, were ground hours. Marginal instability and sufficient to the search of the search	of differential hea enough to genera fficient wind shear	0 on Solomons Isla ting and a weak lete scattered thunce promoted the gro	Source: State Official  nd Road near Friendship Road.  se trough near the Blue derstorms across the bwth of some of these  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  th.  Thunderstorm Wind (EG 50 kt)

Page 16 of 31 Printed on: 08/27/2019

Deaths &

Property &

**Event Type and Details** 

Date/Time

A tree was blown down on Bucks Haven Lane near Bucks Haven Court.

Location

	Injuries	Crop Dmg	
While large scale forcing was weak, moderate amounts of instate coundaries to generate scattered showers and thunderstorms in became strong to locally severe.	=		
ANNE ARUNDEL COUNTY 1.3 NNE RUTLAND [38.99, -76.62],	1.2 NNE RUTLAND [38.99,	-76.62], 1.1 NNE RUT	LAND [38.99, -76.62], 1.2 WNW LUSBY
KRDS [38.99, -76.62] 06/28/19 18:1	I0 EST	0	Flood (due to Heavy Rain)
06/28/19 20:1	I0 EST	0	Source: 911 Call Center
A vehicle was trapped in high water near the intersection of Defens	se Highway and Saint Steph	ens Road.	
An isolated flooding incident occurred in Anne Arundel County	due to locally heavy rain.		
CALVERT COUNTY 0.5 E DUNKIRK [38.72, -76.66]			
06/29/19 14:0	08 EST	0	Thunderstorm Wind (EG 50 kt)
06/29/19 14:0	08 EST	0	Source: State Official
Multiple trees were blown down in the Dunkirk area.			
CALVERT COUNTY BREEZY PT [38.62, -76.52]			
06/29/19 14:3		0	Hail (1.00 in)
06/29/19 14:3	39 EST	0	Source: Trained Spotter
Hail up to the size of quarters (1.0" in diameter) was reported in Da	ares Beach.		
CALVERT COUNTY 1.8 SE STOAKLEY [38.55, -76.58]			
06/29/19 14:4	10 EST	0	Thunderstorm Wind (EG 61 kt)
06/29/19 14:4			
		0 Froderick blocking the	Source: Public
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31]			
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.	Beach Road east of Prince F		
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31]	Beach Road east of Prince F	Frederick, blocking the	e road. Several trees were also blown
Geveral trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31]  06/29/19 14:5	Beach Road east of Prince F 52 EST 52 EST Janes. Large branches were	Frederick, blocking the  0  0  blown down in the are	road. Several trees were also blown  Thunderstorm Wind (EG 50 kt)  Source: Department of Highways
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31] 06/29/19 14:5 06/29/19 14:5 A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20]	Beach Road east of Prince F 52 EST 52 EST lanes. Large branches were wn onto a car in the 3200 blo	Frederick, blocking the  0  0  blown down in the are ock of US-1.	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31] 06/29/19 14:5 06/29/19 14:5 A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down ONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20] 06/29/19 15:1	Beach Road east of Prince F 52 EST 52 EST lanes. Large branches were wn onto a car in the 3200 blo	O 0 0 blown down in the are	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown Thunderstorm Wind (EG 61 kt)
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31] 06/29/19 14:5 06/29/19 14:5 A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20]	Beach Road east of Prince F 52 EST 52 EST lanes. Large branches were wn onto a car in the 3200 blo	Frederick, blocking the  0  0  blown down in the are ock of US-1.	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31] 06/29/19 14:5 06/29/19 14:5  A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down on the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20] 06/29/19 15:1 06/29/19 15:1	Beach Road east of Prince F 52 EST 52 EST lanes. Large branches were wn onto a car in the 3200 blo	O 0 blown down in the are ock of US-1.	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31] 06/29/19 14:5 06/29/19 14:5 A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20] 06/29/19 15:1 06/29/19 15:1	Beach Road east of Prince F 52 EST 52 EST lanes. Large branches were wn onto a car in the 3200 blo 12 EST 12 EST	Frederick, blocking the  0 0 0 blown down in the are ock of US-1.	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31] 06/29/19 14:5 06/29/19 14:5  A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down on the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20] 06/29/19 15:1 06/29/19 15:1	Beach Road east of Prince F 52 EST 52 EST lanes. Large branches were wn onto a car in the 3200 blo 12 EST 12 EST	O 0 blown down in the are ock of US-1.	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31] 06/29/19 14:5 06/29/19 14:5 A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20] 06/29/19 15:1 06/29/19 15:1	Beach Road east of Prince F  52 EST  52 EST  Janes. Large branches were wn onto a car in the 3200 ble  12 EST  12 EST	O O blown down in the are ock of US-1.  0 0 0	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public  Thunderstorm Wind (EG 50 kt) Source: State Official
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31]  06/29/19 14:5 06/29/19 14:5 06/29/19 14:5 A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20] 06/29/19 15:1 06/29/19 15:1 Multiple trees were blown down in the Damascus area.  HOWARD COUNTY 2.5 WSW DAISY [39.28, -77.11] 06/29/19 15:1 06/29/19 15:1	Beach Road east of Prince F  52 EST  52 EST  lanes. Large branches were wn onto a car in the 3200 blo  12 EST  12 EST  18 EST  Mill Road and the Montgom	O O O blown down in the are ock of US-1.  O O O O O O O O O O O O O O O O O O	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public  Thunderstorm Wind (EG 50 kt) Source: State Official
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31]  06/29/19 14:5 06/29/19 14:5 06/29/19 14:5  A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20] 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 A tree was blown down in the Damascus area.  HOWARD COUNTY 2.5 WSW DAISY [39.28, -77.11] 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1	Beach Road east of Prince F  52 EST  52 EST  lanes. Large branches were wn onto a car in the 3200 blo  12 EST  12 EST  18 EST  Mill Road and the Montgom	O O O blown down in the are ock of US-1.  O O O O O O O O O O O O O O O O O O	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public  Thunderstorm Wind (EG 50 kt) Source: State Official ety line.  Thunderstorm Wind (EG 50 kt)
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31]  06/29/19 14:5 06/29/19 14:5 06/29/19 14:5 A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20] 06/29/19 15:1 06/29/19 15:1 Multiple trees were blown down in the Damascus area.  HOWARD COUNTY 2.5 WSW DAISY [39.28, -77.11] 06/29/19 15:1 06/29/19 15:1	Beach Road east of Prince F  52 EST  52 EST  lanes. Large branches were wn onto a car in the 3200 blo  12 EST  12 EST  18 EST  Mill Road and the Montgom	O O O blown down in the are ock of US-1.  O O O O O O O O O O O O O O O O O O	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public  Thunderstorm Wind (EG 50 kt) Source: State Official
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31]  06/29/19 14:5 06/29/19 14:5 06/29/19 14:5  A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20] 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 A tree was blown down in the Damascus area.  HOWARD COUNTY 2.5 WSW DAISY [39.28, -77.11] 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1	Beach Road east of Prince F  52 EST  52 EST  Janes. Large branches were wn onto a car in the 3200 blo  12 EST  18 EST  Mill Road and the Montgom  33 EST  33 EST	O O O blown down in the are ock of US-1.  O O O O O O O O O O O O O O O O O O	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public  Thunderstorm Wind (EG 50 kt) Source: State Official ety line.  Thunderstorm Wind (EG 50 kt)
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31]  06/29/19 14:5 06/29/19 14:5 06/29/19 14:5 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 06/29/19 15:3 06/29/19 15:3	Beach Road east of Prince F  52 EST  52 EST  Janes. Large branches were wn onto a car in the 3200 blo  12 EST  12 EST  18 EST  Mill Road and the Montgom  33 EST  33 EST  and Furnace Road.	O O O blown down in the are ock of US-1.  O O O O O O O O O O O O O	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public  Thunderstorm Wind (EG 50 kt) Source: State Official  ty line.  Thunderstorm Wind (EG 50 kt) Source: State Official
Several trees and power lines were blown down near 1100 Dares Edown near MD-402 and Central Village Drive.  HARFORD COUNTY 1.1 E GIBSON MANOR [39.60, -76.31]  06/29/19 14:5 06/29/19 14:5 06/29/19 14:5  A tree was blown down on US-1 near Forge Hill Road blocking all I down in the 4300 block of Cooper Road. A tree was also blown down MONTGOMERY COUNTY 0.7 N DAMASCUS [39.29, -77.20]  06/29/19 15:1 06/29/19 15:1 06/29/19 15:1 A tree was blown down in the Damascus area.  HOWARD COUNTY 2.5 WSW DAISY [39.28, -77.11] 06/29/19 15:1 06/29/19 15:3 06/29/19 15:3 06/29/19 15:3	Beach Road east of Prince F  52 EST  52 EST  Janes. Large branches were wn onto a car in the 3200 ble  12 EST  18 EST  18 EST  Mill Road and the Montgom  33 EST  33 EST  and Furnace Road.	O O O blown down in the are ock of US-1.  O O O O O O O O O O O O O O O O O O	Thunderstorm Wind (EG 50 kt) Source: Department of Highways ea as well. Two trees were blown  Thunderstorm Wind (EG 61 kt) Source: Public  Thunderstorm Wind (EG 50 kt) Source: State Official ety line.  Thunderstorm Wind (EG 50 kt)

Page 17 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNE ARUNDEL COUNTY 0.7 N EA	RLEIGH HGTS [39.11, -76.55] 06/29/19 15:47 EST		0	Thursdaystown Wind (FC 50 lt)
	06/29/19 15:47 EST 06/29/19 15:47 EST		0	Thunderstorm Wind (EG 50 kt) Source: State Official
Six trees were blown down, some onto				
PRINCE GEORGE'S COUNTY 0.5 W	/ LAUREL [39.1076.86]			
	06/29/19 15:55 EST		0	Thunderstorm Wind (EG 50 kt)
	06/29/19 15:55 EST		0	Source: State Official
Tree limbs were blown down onto powe	er lines in the Laurel area.			
PRINCE GEORGE'S COUNTY 0.7 N	ALEXANDRIA JCT [38.96, -76.93]			
	06/29/19 16:00 EST		0	Thunderstorm Wind (EG 50 kt)
	06/29/19 16:00 EST		0	Source: State Official
Tree limbs were blown down onto powe	er lines in the Riverdale area.			
CALVERT COUNTY OWINGS [38.72	·			
	06/29/19 16:40 EST		0	Thunderstorm Wind (EG 50 kt)
	06/29/19 16:40 EST		0	Source: State Official
Several trees were blown down in the C	Owings area.			
CALVERT COUNTY 0.7 N NORTH B				Thursdayshawa Wind (FO C4 lat)
	06/29/19 19:30 EST 06/29/19 19:30 EST		0	Thunderstorm Wind (EG 61 kt) Source: State Official
Numerous trees were blown down in the				
CALVERT COUNTY 0.9 NE SUNDER	RLAND [38.68, -76.59]			
	06/29/19 19:30 EST		0	Hail (1.00 in)
	06/29/19 19:30 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" in di	ameter) was reported near Mount Harn	nony and Chesape	eake Beach.	
CALVERT COUNTY 0.9 SE BARSTO				
	06/29/19 19:49 EST		0	Thunderstorm Wind (EG 50 kt)
	06/29/19 19:49 EST		0	Source: State Official
Several trees were blown down in the P	Prince Frederick area.			
ALLEGANY COUNTY 0.5 E CUMBE				Ti I W. 1/50 52 13
	06/29/19 20:05 EST 06/29/19 20:05 EST		0	Thunderstorm Wind (EG 50 kt) Source: State Official
			U	Source. State Official
A tree was blown down poor the interce		Vinston Street		
A tree was blown down near the interse		Vinston Street.		
	ection of East Industrial Boulevard and V	Vinston Street.	0	Thursdaystown Wind (CO CO LA)
	ection of East Industrial Boulevard and V ENERS XRDS [39.56, -77.65] 06/29/19 20:40 EST	Vinston Street.	0	Thunderstorm Wind (EG 50 kt)
WASHINGTON COUNTY 0.7 S WAG	ection of East Industrial Boulevard and V ENERS XRDS [39.56, -77.65] 06/29/19 20:40 EST 06/29/19 20:40 EST	Vinston Street.	0 0	Thunderstorm Wind (EG 50 kt) Source: State Official
WASHINGTON COUNTY 0.7 S WAG  A tree was blown down on Mapleville R	interest industrial Boulevard and Vision of East Industrial Boulevard	Vinston Street.		·
WASHINGTON COUNTY 0.7 S WAG  A tree was blown down on Mapleville R	ection of East Industrial Boulevard and Veneral Research Strain St	Vinston Street.	0	Source: State Official
A tree was blown down near the interse  WASHINGTON COUNTY 0.7 S WAG  A tree was blown down on Mapleville Recountry 0.9 SE TANEYT	oction of East Industrial Boulevard and Value Siners XRDS [39.56, -77.65] 06/29/19 20:40 EST 06/29/19 20:40 EST oad south of US-40 National Pike.  FOWN [39.66, -77.17] 06/29/19 21:36 EST	Vinston Street.		·
WASHINGTON COUNTY 0.7 S WAG  A tree was blown down on Mapleville R	ection of East Industrial Boulevard and Value Strain Strai	Vinston Street.	0	Source: State Official  Thunderstorm Wind (EG 50 kt)

BALTIMORE COUNTY --- 0.5 W BOWLEYS QUARTERS [39.33, -76.38]

Page 18 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dmg	
	06/29/19 22:47 EST		0	Hail (1.75 in)
	06/29/19 22:47 EST		0	Source: Trained Spotter

Hail up to the size of golf balls (1.75" in diameter) was reported. Some vehicles sustained damage.

Heat and humidity through the day on June 29th led to a moderately unstable air mass by the afternoon. A weak pressure trough developed and heights began to fall by the evening as an upper level ridge broke down. Also late in the evening, a cold front began to approach, increasing forcing across the region. Several rounds of scattered showers and thunderstorms developed from the mid afternoon hours through well past sunset. Some thunderstorms became strong to severe.

ROCKINGHAM COUNTY CLOVER HIL	L [38.45, -79.03]			
	06/02/19 14:37 EST	0	Hail (0.88 in)	
	06/02/19 14:37 EST	0	Source: Broadcast Media	
lail up to the size of nickels (0.88" diamet	er) was reported.			
AUQUIER COUNTY 1.5 SSE LINDEN	[38.88, -78.06]			
	06/02/19 15:15 EST	0	Hail (1.50 in)	
	06/02/19 15:15 EST	0	Source: Public	
Hail up to the size of ping pong balls (1.50	" diameter) was reported.			
FAUQUIER COUNTY 2.3 WSW DELAP	LANE [38.91, -77.96]			
	06/02/19 15:20 EST	0	Hail (1.75 in)	
	06/02/19 15:20 EST	0	Source: Public	
Hail up to the size of golf balls (1.75" diam	eter) was reported at the Aspen Dale Winery			
FAUQUIER COUNTY 0.5 W ORLEAN [	38.75, -77.96]			
	06/02/19 15:40 EST	0	Hail (0.88 in)	
	06/02/19 15:40 EST	0	Source: Trained Spotter	
Hail up to the size of nickels (0.88" diamet	er) was reported.		·	
Hail up to the size of nickels (0.88" diamet			· 	
· · · · · · · · · · · · · · · · · · ·		0	Hail (1.00 in)	
· · · · · · · · · · · · · · · · · · ·	RN [39.06, -77.42]	0 0		
· · · · · · · · · · · · · · · · · · ·	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST		Hail (1.00 in)	
OUDOUN COUNTY 3.3 ENE ASHBUF	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST der) was reported.		Hail (1.00 in)	
OUDOUN COUNTY 3.3 ENE ASHBUF	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST der) was reported.		Hail (1.00 in)	
OUDOUN COUNTY 3.3 ENE ASHBUF	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST der) was reported.	0	Hail (1.00 in) Source: Trained Spotter	
OUDOUN COUNTY 3.3 ENE ASHBUF	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST  der) was reported.  RUN FARMS [39.05, -77.38] 06/02/19 15:46 EST 06/02/19 15:46 EST	0	Hail (1.00 in) Source: Trained Spotter  Hail (0.88 in)	
OUDOUN COUNTY 3.3 ENE ASHBUF	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST eer) was reported.  RUN FARMS [39.05, -77.38] 06/02/19 15:46 EST 06/02/19 15:46 EST eer) was reported.	0	Hail (1.00 in) Source: Trained Spotter  Hail (0.88 in)	
OUDOUN COUNTY 3.3 ENE ASHBUF Hail up to the size of quarters (1.0" diamet OUDOUN COUNTY 1.5 NNW BROAD Hail up to the size of nickels (0.88" diamet	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST eer) was reported.  RUN FARMS [39.05, -77.38] 06/02/19 15:46 EST 06/02/19 15:46 EST eer) was reported.	0	Hail (1.00 in) Source: Trained Spotter  Hail (0.88 in)	
OUDOUN COUNTY 3.3 ENE ASHBUF Hail up to the size of quarters (1.0" diamet OUDOUN COUNTY 1.5 NNW BROAD Hail up to the size of nickels (0.88" diamet	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST  ter) was reported.  RUN FARMS [39.05, -77.38] 06/02/19 15:46 EST 06/02/19 15:46 EST er) was reported.	0 0 0	Hail (1.00 in) Source: Trained Spotter  Hail (0.88 in) Source: Trained Spotter	
OUDOUN COUNTY 3.3 ENE ASHBUF Hail up to the size of quarters (1.0" diamet OUDOUN COUNTY 1.5 NNW BROAD Hail up to the size of nickels (0.88" diamet	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST  ter) was reported.  RUN FARMS [39.05, -77.38] 06/02/19 15:46 EST 06/02/19 15:46 EST  er) was reported.  8.00] 06/02/19 15:57 EST 06/02/19 15:57 EST	0 0 0	Hail (1.00 in) Source: Trained Spotter  Hail (0.88 in) Source: Trained Spotter  Hail (1.00 in)	
-OUDOUN COUNTY 3.3 ENE ASHBUF Hail up to the size of quarters (1.0" diamet	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST  der) was reported.  RUN FARMS [39.05, -77.38] 06/02/19 15:46 EST 06/02/19 15:46 EST  der) was reported.  8.00] 06/02/19 15:57 EST 06/02/19 15:57 EST	0 0 0	Hail (1.00 in) Source: Trained Spotter  Hail (0.88 in) Source: Trained Spotter  Hail (1.00 in)	
Hail up to the size of quarters (1.0" diameters (1.0" diameter	RN [39.06, -77.42] 06/02/19 15:42 EST 06/02/19 15:42 EST  der) was reported.  RUN FARMS [39.05, -77.38] 06/02/19 15:46 EST 06/02/19 15:46 EST  der) was reported.  8.00] 06/02/19 15:57 EST 06/02/19 15:57 EST	0 0 0	Hail (1.00 in) Source: Trained Spotter  Hail (0.88 in) Source: Trained Spotter  Hail (1.00 in)	

Page 19 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LOUDOUN COUNTY 0.9 NW STERLI	· · · · · · · · · · · · · · · ·			
	06/02/19 16:19 EST		0	Hail (1.00 in)
	06/02/19 16:19 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" diam	neter) was reported at the Dulles 28 Ce	entre.		
FAIRFAX COUNTY 1.3 ENE LANGLE				
	06/02/19 16:21 EST		0	Hail (1.00 in)
	06/02/19 16:21 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" diam	neter) was reported along the George \	Washington Parkw	ay near Turkey Rui	n Road.
FAIRFAX COUNTY 3.4 NW GREAT F	FALLS [39.03, -77.32]			
	06/02/19 16:30 EST		0	Hail (1.00 in)
	06/02/19 16:30 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" diam	neter) was reported.			
FAIRFAX COUNTY 1.3 WNW GREAT	FALLS [39.01, -77.29]			
	06/02/19 16:31 EST		0	Hail (1.75 in)
	06/02/19 16:31 EST		0	Source: Public
Hail up to the size of golf balls (1.75" dia	nmeter) was reported in Great Falls.			
FAUQUIER COUNTY 3.2 E AUBURN	[38.70, -77.64]			
	06/02/19 16:45 EST		0	Hail (0.75 in)
	06/02/19 16:45 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" diame	eter) was reported.			
PRINCE WILLIAM COUNTY 1.3 WNV	• • •			
	06/02/19 16:45 EST		0	Thunderstorm Wind (EG 61 kt)
	06/02/19 16:45 EST		0	Source: Emergency Manager
A large tree was blown down across Cro Walton Drive and Bristow Road.	ockett Road at the intersection with Ho	pe Road. Multiple	trees were also blo	wn down at the intersection of Izaak
PRINCE WILLIAM COUNTY 0.9 SE A				T
	06/02/19 17:14 EST		0	Thunderstorm Wind (EG 50 kt)
	06/02/19 17:14 EST		0	Source: State Official
A tree was blown down blocking Horner	Road and Summerland Drive.			
PRINCE WILLIAM COUNTY 1.3 WSV				
	06/02/19 17:37 EST 06/02/19 17:37 EST		0	Thunderstorm Wind (EG 50 kt) Source: Emergency Manager
A tree was blown agrees Pollone Dood o			U	Source: Emergency Manager
A tree was blown across Bellona Road a	at bei air Road.			
PRINCE WILLIAM COUNTY 0.9 SW N	NEABSCO [38.59, -77.26] 06/02/19 17:47 EST		0	Lightning
	06/02/19 17:47 EST	5	0	Source: Emergency Manager
During a severe thunderstorm at Leesylv structure was struck by lightning. One pe			•	ought shelter under a picnic pavilion. That pavilion.
A cold front approached the region du and wind shear, led to the developmen	= -			
CULPEPER COUNTY 0.9 NW CORD	• •			
	06/13/19 15:08 FST		0	Thunderstorm Wind (FG 50 kt)

06/13/19 15:08 EST

06/13/19 15:08 EST

Page 20 of 31 Printed on: 08/27/2019

Source: State Official

0

Thunderstorm Wind (EG 50 kt)

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was blown down near the inters Rixeyville Road.	ection of Drogheda Mountain Road and	Eggbornsville Roa	id. A tree was also	blown down in the 8600 block of
FAUQUIER COUNTY 2.6 ESE NEW	BALTIMORE [38.75, -77.68] 06/13/19 15:40 EST		0	Thundaratarm Wind (FC FO lt)
	06/13/19 15:40 EST		0	Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was blown down on Kennedy R	oad. Another tree was also blown down	on Greenwich Roa	-	Source: State Official
PRINCE WILLIAM COUNTY GREEF	MAIIOU 120 75 77 651			
PRINCE WILLIAM COUNTY GREET	06/13/19 15:45 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 15:45 EST		0	Source: State Official
A tree was blown down near the inters	ection of Vint Hill Road and Greenwich	Road.		
LOUDOUN COUNTY 1.8 ESE BRIT.	ΔIN [39 24 -77 65]			
	06/13/19 15:50 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 15:50 EST		0	Source: State Official
A tree was blown down onto Bollingtor	n Road near Berlin Turnpike.			
LOUDOUN COUNTY 2.1 NNW TAY	I OPSTOWN [20 20 77 50]			
LOUDOUN COUNTY 2.7 NNW TAY	06/13/19 15:55 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 15:55 EST		0	Source: State Official
A tree was blown down on Lovettsville	Road at Taylors Town Road.			
MANASSAS (C) COUNTY 1.1 E MA	.NASSAS [38.75, -77.46] 06/13/19 16:01 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 16:01 EST		0	Source: State Official
A tree was blown down on Prescott Av	renue near Center Street.			
STAFFORD COUNTY 3.3 WNW MA	UNITS 120 F2 77 441			
STAFFORD COUNTY 3.3 WINW MA	06/13/19 16:01 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 16:01 EST		0	Source: Emergency Manager
Scattered trees were blown down block	king roads around the FBI Academy and	d adjacent portions	of northern Staffor	d County.
SPOTSYLVANIA COUNTY 1.8 WNV	N CHANCELLORSVILLE [38.31, -77.66]	1		
	06/13/19 16:04 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 16:04 EST		0	Source: State Official
A tree was blown down on Catharpin F	Road. A tree was also blown down in the	9200 block of Pla	nk Road.	
STAFFORD COUNTY 0.9 SE BERE	A [38.34, -77.51]			
	06/13/19 16:07 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 16:07 EST		0	Source: State Official
Trees were blown down in the 200 bloo	ck of Sanford Drive.			
PRINCE WILLIAM COUNTY 1.3 EN	E KEPP [38.59, -77.43]			
	06/13/19 16:10 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 16:10 EST		0	Source: State Official
A tree was blown down in the 17000 bl	lock of Joplin Road. A tree was also blo	wn down at the inte	ersection of Greenr	mount and Cardinal Drives.
PRINCE WILLIAM COUNTY 2.3 SS	W HOADLY [38.65, -77.39]			
	06/13/19 16:12 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 16:12 EST		0	Source: State Official

A tree was blown down at the intersection of Spriggs Road and Gwendolyn Drive.

Page 21 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
STAFFORD COUNTY 0.5 E BROOKE [				
	06/13/19 16:15 EST		0	Thunderstorm Wind (EG 50 kt)
) have a compared to the second to the secon	06/13/19 16:15 EST		0	Source: State Official
A tree was blown down in the 400 block of	TESKIMO HIII ROAD.			
PRINCE WILLIAM COUNTY 0.7 S WOO	ODBRIDGE ARPT [38.67, -77.32] 06/13/19 16:17 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 16:17 EST		0	Source: State Official
A tree was blown down on Beaver Pond R	Road near Misty Lane.			
STAFFORD COUNTY 0.9 NE STAFFOI				
	06/13/19 16:19 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 16:19 EST		0	Source: State Official
A tree was blown down on Jason Lane ne	ar Greenridge Drive.			
SPOTSYLVANIA COUNTY 1.8 NW SUI	MMIT [38.22, -77.45] 06/13/19 16:25 EST		0	Thunderstorm Wind (EG 50 kt)
	06/13/19 16:25 EST		0	Source: State Official
A tree was blown down on Mills Drive nea	r Massaponax Drive.			
NELSON COUNTY 2.3 NNE LOVINGS	TON [37.80, -78.86] 06/17/19 15:42 EST 06/17/19 15:42 EST		0	Thunderstorm Wind (EG 61 kt) Source: Broadcast Media
Numerous trees were blown down in the v		Line.	v	Source. Bloadcast wedla
ALBEMARLE COUNTY 3.0 SE FARMII	NGTON [38.02, -78.51]			
	06/17/19 16:05 EST		0	Thunderstorm Wind (EG 50 kt) Source: Broadcast Media
Multiple trees and branches were reported	06/17/19 16:05 EST	Charlottesville.	0	Source. Broaucast Media
ALBEMARLE COUNTY 1.8 NE CARTE	RS BRIDGE [37.92, -78.55] 06/17/19 16:09 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/19 16:09 EST		0	Source: Broadcast Media
A large tree was blown down blocking the	road near the intersection of VA-20 a	and Red Hill Road		
ALBEMARLE COUNTY 2.1 SE FARMI	NGTON [38.03, -78.52]			
	06/17/19 16:09 EST		0	Hail (0.88 in)
	06/17/19 16:09 EST		0	Source: Broadcast Media
Hail up to the size of nickels (0.88" in dian	neter) was reported.			
ALBEMARLE COUNTY 3.2 SSE FARM				
	06/17/19 16:09 EST 06/17/19 16:09 EST		0	Hail (0.75 in) Source: Broadcast Media
Hail up to the size of dimes (0.75" in diam			U	Cource. Divagoast ivicula
ALBEMARLE COUNTY 2.3 WNW SIME	FON [37 99 -78 49]			
CLULINAREL COURT I 2.3 WINN SIME	06/17/19 16:12 EST		0	Hail (0.75 in)
	06/17/19 16:12 EST		0	Source: Emergency Manager

Page 22 of 31 08/27/2019 Printed on:

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
fail up to the size of dimes (0.75" in diame	ter) was reported.			
LBEMARLE COUNTY 3.0 ESE FARMII	NGTON [38.03, -78.50] 06/17/19 16:12 EST		0	Hail (1.00 in)
	06/17/19 16:12 EST		0	Source: Public
lail up to the size of quarters (1.0" in diame	eter) was reported in the city of Cha	arlottesville.		
LBEMARLE COUNTY 1.6 W RIO [38.0'	778.501			
	06/17/19 16:14 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/19 16:14 EST		0	Source: Broadcast Media
tree was blown down on Commonwealth	Drive.			
AIRFAX COUNTY 0.7 N RAVENSWOR	TH [38.81, -77.22]			
	06/17/19 18:16 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/19 18:16 EST		0	Source: State Official
tree was blown down on Braddock Road	near I-495.			
IANASSAS (C) COUNTY 1.1 E MANAS				
	06/17/19 18:25 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/19 18:25 EST		0	Source: State Official
tree was blown down on Signal Hill Road	near Fairview Avenue.			
OUDOUN COUNTY 0.9 SE PURCELLV			0	Hail (0.75 in)
	06/17/19 20:44 EST 06/17/19 20:44 EST		0	Hail (0.75 in)  Source: Trained Spotter
In the large scale forcing was weak acros lidge, when combined with local terrain a egion during the afternoon and evening nunderstorms to severe levels.	and sea-breeze circulations, were	enough to genera	te scattered thund	derstorms across the
SPOTSYLVANIA COUNTY 0.9 SE GATE				
0.0 01 01 01 01 01 01 01 01 01 01 01 01 01	06/18/19 16:30 EST		0	Thunderstorm Wind (EG 61 kt)
	06/18/19 16:30 EST		0	Source: State Official
hree trees were blown down near the inte	rsection of Wallers Road and Partlo	ow Road.		
POTSYLVANIA COUNTY 0.9 NW MAR	YE [38.09, -77.59]			
	06/18/19 16:40 EST		0	Thunderstorm Wind (EG 61 kt)
	06/18/19 16:40 EST		0	Source: Trained Spotter
lumerous trees and large tree limbs up to	8 inches in diameter were blown do	wn in the vicinity o	f Blaydes Corner F	Road.
AUQUIER COUNTY 1.1 E ALWINGTON	N [38.70, -77.76]			
	06/18/19 17:05 EST		0	Thunderstorm Wind (EG 50 kt)
	06/18/19 17:05 EST		0	Source: State Official
tree was blown down in the 6200 block of	f Old Auburn Road.			
nstability and low level moisture in comb howers and thunderstorms in the afterno	<del></del>			_
AGE COUNTY 0.7 S LEAKSVILLE [38.	•			
	06/24/19 14:27 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/19 14:27 EST		0	Source: State Official

A tree was blown down in the 3600 block of Grove Hill River Road. A tree was also blown down in the 4300 block of Leaksville Road.

Page 23 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MADISON COUNTY 0.5 E DUET [38.48, -7	=			
	06/24/19 14:36 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/19 14:36 EST		0	Source: State Official
everal trees were blown down on Duet Road	I.			
IADISON COUNTY 1.8 WNW BRIGHTWO	OD [38.43, -78.23]			
	06/24/19 14:41 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/19 14:41 EST		0	Source: State Official
everal trees were blown down on Hebron Va	alley Road.			
CULPEPER COUNTY 0.4 NNE WHITE SHO	OP [38.44, -78.07]			
	06/24/19 14:50 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/19 14:50 EST		0	Source: 911 Call Center
tree was blown down on White Shop Road	near South Merrimac Road.			
IADISON COUNTY 1.3 WNW MADISON [	38.39, -78.29]			
	06/24/19 14:55 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/19 14:55 EST		0	Source: State Official
Several trees were blown down on Ruth Road	I.			
REENE COUNTY 2.1 NW LYDIA [38.35,	-78.53]			
	06/24/19 15:01 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/19 15:01 EST		0	Source: State Official
tree was blown down on US-33 near the Ro	ockingham/Greene County line.			
SPOTSYLVANIA COUNTY 1.8 WNW ALSO	OP [38.21, -77.68]			
	06/24/19 16:09 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/19 16:09 EST		0	Source: Emergency Manager
tree was blown down blocking the road nea	r the intersection of Robert E Lee	Drive and Seays	Road.	
SPOTSYLVANIA COUNTY 0.5 W FOUR M				
	06/24/19 16:33 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/19 16:33 EST		0	Source: State Official
tree was blown down on Mine Road near C	ampbell Drive.			
A warm front lifted across the region during fernoon. At the same time, an upper level approaching the region during the afternoo are during the late afternoon and evening become strong to locally severe.	trough and surface low tracked nand evening. Showers and thu	through the Greanderstorms deve	t Lakes, with the to loped ahead of the	railing cold front e front and crossed the
AUGUSTA COUNTY 0.5 E LOFTON [37.95	•			
	06/27/19 13:35 EST		0	Hail (1.00 in)
	06/27/19 13:35 EST		0	Source: Public
	r) was reported.			
lail up to the size of quarters (1.0" in diamete				
Hail up to the size of quarters (1.0" in diameter	•			H-1/0.00: )
	06/27/19 15:52 EST		0	Hail (0.88 in)
	•		0	Hail (0.88 in) Source: Broadcast Media

Page 24 of 31 Printed on: 08/27/2019

06/27/19 16:12 EST 0 Thunderstorm Wind 06/27/19 16:12 EST 0 Source: State Offici A tree was blown down near the intersection of Steeplechase and Riders Roads.  CLARKE COUNTY 3.0 ENE BERRYVILLE [39.17, -77.92] 06/27/19 16:39 EST 0 Thunderstorm Wind 06/27/19 16:39 EST 0 Source: State Offici	
A tree was blown down near the intersection of Steeplechase and Riders Roads.  CLARKE COUNTY 3.0 ENE BERRYVILLE [39.17, -77.92]  06/27/19 16:39 EST  0 Thunderstorm Wind	d (EG 50 kt)
CLARKE COUNTY 3.0 ENE BERRYVILLE [39.17, -77.92] 06/27/19 16:39 EST 0 Thunderstorm Wind	ial
06/27/19 16:39 EST 0 Thunderstorm Wind	
06/27/19 16:39 EST 0 Source: State Offici	·
	ial
Several trees were blown down in the 3100 block of Shepherds Mill Road.	
CLARKE COUNTY 4.3 E BRIGGS [39.09, -77.94]	
06/27/19 16:56 EST 0 Thunderstorm Wind	,
06/27/19 16:56 EST 0 Source: State Offici	ial
Several trees were blown down in the 2300 block of River Road.	
FAIRFAX COUNTY 0.7 N LAUREL GROVE [38.78, -77.15]	
06/27/19 17:01 EST 0 Hail (1.00 in)	
06/27/19 17:01 EST 0 Source: Trained Sp	otter
Hail up to the size of quarters (1.0" in diameter) was reported.	
FAIRFAX COUNTY 1.4 N ENGLESIDE [38.75, -77.15]	
06/27/19 17:25 EST 0 Thunderstorm Wind	i (EG 50 kt)
06/27/19 17:25 EST 0 Source: State Offici	ial
A tree was blown down on Old Telegraph Road near Piney Run Drive.	
FAUQUIER COUNTY 2.1 N HUME [38.86, -78.00]	
06/27/19 18:07 EST 0 Thunderstorm Wind	· · · · ·
06/27/19 18:07 EST 0 Source: State Offici	ial
A tree was blown down near Leeds Manor Road and Stillhouse Road.	
SHENANDOAH COUNTY 0.9 NE DILBECK [38.91, -78.36]	
06/27/19 18:48 EST 0 Thunderstorm Wind	,
06/27/19 18:48 EST 0 Source: State Offici	ial
arge tree limbs were blown down blocking Fort Valley Road near Spring Mountain Road.	
Relatively high low level moisture and surface instability combined with local terrain circulations to generate a few pulse severe thunderstorms during the afternoon and evening hours of June 27th.	
	=
FAIRFAX COUNTY 0.7 ESE VALE [38.87, -77.34], 0.8 ESE VALE [38.87, -77.34], 0.8 ESE VALE [38.87, -77.34], 0.7 ESE VALE [38.88, -77.34]	•
06/27/19 17:15 EST 0 Flood (due to Heave	enter
06/27/19 17:15 EST       0       Flood (due to Heavy)         06/27/19 23:15 EST       0       Source: 911 Call Call	
06/27/19 17:15 EST       0       Flood (due to Heavy)         06/27/19 23:15 EST       0       Source: 911 Call Call	
06/27/19 17:15 EST 0 Flood (due to Heavy 06/27/19 23:15 EST 0 Source: 911 Call Co	
06/27/19 17:15 EST 0 Flood (due to Heavy 06/27/19 23:15 EST 0 Source: 911 Call Ce Waples Mill Road at Fox Mill road was blocked due to flooding.  An isolated flooding incident occurred in Fairfax County due to locally heavy rain.	
06/27/19 17:15 EST 0 Flood (due to Heavy 06/27/19 23:15 EST 0 Source: 911 Call Ce Waples Mill Road at Fox Mill road was blocked due to flooding.  An isolated flooding incident occurred in Fairfax County due to locally heavy rain.	d (EG 61 kt)
06/27/19 17:15 EST 0 Flood (due to Heavy 06/27/19 23:15 EST 0 Source: 911 Call Ce Waples Mill Road at Fox Mill road was blocked due to flooding.  An isolated flooding incident occurred in Fairfax County due to locally heavy rain.  NELSON COUNTY 1.1 E NELLYSFORD [37.88, -78.86]	
06/27/19 17:15 EST 0 Flood (due to Heavy 06/27/19 23:15 EST 0 Source: 911 Call Co	· ·
06/27/19 17:15 EST 0 Flood (due to Heavy 06/27/19 23:15 EST 0 Source: 911 Call Colored Maples Mill Road at Fox Mill road was blocked due to flooding.  An isolated flooding incident occurred in Fairfax County due to locally heavy rain.  NELSON COUNTY 1.1 E NELLYSFORD [37.88, -78.86]  06/28/19 15:55 EST 0 Thunderstorm Wind 06/28/19 15:55 EST 0 Source: State Offici	· · · · · ·
06/27/19 17:15 EST 0 Flood (due to Heavy 06/27/19 23:15 EST 0 Source: 911 Call Ce Waples Mill Road at Fox Mill road was blocked due to flooding.  An isolated flooding incident occurred in Fairfax County due to locally heavy rain.  NELSON COUNTY 1.1 E NELLYSFORD [37.88, -78.86]  06/28/19 15:55 EST 0 Thunderstorm Wind 06/28/19 15:55 EST 0 Source: State Offici	ial

Several trees were blown down on Old Robert's Road.

Page 25 of 31 Printed on: 08/27/2019

Location Da	te/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY 0.5 E STEPHENS CITY [39.08	3, -78.21]			
06	/28/19 16:35 EST		0	Thunderstorm Wind (EG 61 kt)
06	/28/19 16:35 EST		0	Source: Trained Spotter
Multiple large trees were blown down in the 100 block o	f Downing Circle. A stop	sign was also blo	own down. Trees w	vere blown down along Harmon Place.
WARREN COUNTY 2.1 S FRONT ROYAL [38.89, -78	3.18]			
06	/28/19 16:44 EST		0	Thunderstorm Wind (EG 50 kt)
06	/28/19 16:44 EST		0	Source: State Official
Several trees were blown down in the area of Remount	Road near Slate Hill Driv	re.		
ALBEMARLE COUNTY 0.6 E SCOTTSVILLE [37.80,	-78.49]			
06	/28/19 16:50 EST		0	Thunderstorm Wind (EG 50 kt)
06	/28/19 16:50 EST		0	Source: State Official
A tree was blown down blocking a road in the Scottsville	e area.			
RAPPAHANNOCK COUNTY 1.5 SSE ASHBYS COR				
	/28/19 17:10 EST		0	Thunderstorm Wind (EG 50 kt)
06	/28/19 17:10 EST		0	Source: State Official
Several trees were blown down along F.T. Valley Road.				
RAPPAHANNOCK COUNTY 1.3 ENE LAUREL MILL				
06	/28/19 17:15 EST		0	Thunderstorm Wind (EG 50 kt)
06	/28/19 17:15 EST		0	Source: State Official
Several trees were blown down along Richmond Road.				
RAPPAHANNOCK COUNTY SLATE MILLS [38.53, -	78.18]			
06	/28/19 17:40 EST		0	Thunderstorm Wind (EG 50 kt)
06	/28/19 17:40 EST		0	Source: State Official
Several trees were blown down in the Slate Mills area.				
FAUQUIER COUNTY 2.1 W ADA [38.83, -77.96]				
06	/28/19 17:41 EST		0	Thunderstorm Wind (EG 50 kt)
06	/28/19 17:41 EST		0	Source: State Official
A tree was blown down in the 10600 block of Hume Roa	ad.			
MADISON COUNTY 1.5 NNW WOLFTOWN [38.37, -	=			T
	/28/19 17:55 EST		0	Thunderstorm Wind (EG 50 kt) Source: State Official
06				Source: State Childial
	/28/19 17:55 EST		U	Course. State Cilibrat
Several trees and wires were blown down along Garth F	Run Road.		_	
Several trees and wires were blown down along Garth F While large scale forcing was weak, moderate amoun boundaries to generate scattered showers and thund	Run Road. ts of instability combine		ain circulations ar	nd remnant mesoscale
Several trees and wires were blown down along Garth F While large scale forcing was weak, moderate amoun boundaries to generate scattered showers and thund became strong to locally severe.  FREDERICKSBURG (C) COUNTY 0.9 W FREDERIC	Run Road. ts of instability combine erstorms in the afternoo KSBURG [38.30, -77.49]	on. With steep lo	ain circulations ar w level lapse rates	nd remnant mesoscale s, a few of these storms
Several trees and wires were blown down along Garth F While large scale forcing was weak, moderate amoun boundaries to generate scattered showers and thund became strong to locally severe.  FREDERICKSBURG (C) COUNTY 0.9 W FREDERIC 06	Run Road. ts of instability combine erstorms in the afternoo	on. With steep lo	ain circulations ar	nd remnant mesoscale
Several trees and wires were blown down along Garth F While large scale forcing was weak, moderate amoun boundaries to generate scattered showers and thund became strong to locally severe.  FREDERICKSBURG (C) COUNTY 0.9 W FREDERIC  06 06	Run Road.  ts of instability combine erstorms in the afternoon (SBURG [38.30, -77.49]) /29/19 13:40 EST	on. With steep lo	ain circulations ar w level lapse rates	nd remnant mesoscale s, a few of these storms Thunderstorm Wind (EG 61 kt)
Several trees and wires were blown down along Garth F While large scale forcing was weak, moderate amoun boundaries to generate scattered showers and thund became strong to locally severe.  FREDERICKSBURG (C) COUNTY 0.9 W FREDERIC  06  06  About a dozen trees and wires were downed by strong were	Run Road.  ts of instability combine erstorms in the afternoon  KSBURG [38.30, -77.49] /29/19 13:40 EST /29/19 13:40 EST winds in the City of Frede	on. With steep lo	ain circulations ar w level lapse rates	nd remnant mesoscale s, a few of these storms Thunderstorm Wind (EG 61 kt)
Several trees and wires were blown down along Garth F While large scale forcing was weak, moderate amoun boundaries to generate scattered showers and thund became strong to locally severe.  FREDERICKSBURG (C) COUNTY 0.9 W FREDERIC  06  06  About a dozen trees and wires were downed by strong v	Run Road.  ts of instability combine erstorms in the afternoon  KSBURG [38.30, -77.49] /29/19 13:40 EST /29/19 13:40 EST winds in the City of Frede	on. With steep lo	ain circulations ar w level lapse rates	nd remnant mesoscale s, a few of these storms Thunderstorm Wind (EG 61 kt)

Page 26 of 31 Printed on: 08/27/2019

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was blown down blocking the	e road in the 9400 block of Thorton Rolling	Road.		
ALBEMARLE COUNTY 1.6 E (C	HO)CHARLOTTESVILLE [38.15, -78.42]			
	06/29/19 15:00 EST		0	Thunderstorm Wind (EG 50 kt)
	06/29/19 15:00 EST		0	Source: State Official
A tree was blown down near the int	tersection of Seminole Trail and Lewis and	Clark Drive.		
AIRFAX COUNTY BELLE HAV	/EN [38.78, -77.07]			
	06/29/19 15:12 EST		0	Hail (1.50 in)
	06/29/19 15:12 EST		0	Source: Trained Spotter
lail, up to the size of ping pong ba	lls (1.5" in diameter), was reported near Hy	bla Valley and Bell	e Haven.	
GREENE COUNTY 0.5 W STAN	DARDSVILLE [38.30, -78.44]			
	06/29/19 15:35 EST		0	Thunderstorm Wind (EG 50 kt)
	06/29/19 15:35 EST		0	Source: State Official
A tree was blown down at the inters	section of Rosebrook Road and Haneytown	Road.		
PRANGE COUNTY 0.5 E ORAN	IGE [38.25, -78.11]			
	06/29/19 15:50 EST		0	Thunderstorm Wind (EG 50 kt)
	00/20/10 10:00 20 1			
	06/29/19 15:50 EST		0	Source: State Official
A tree was blown down at the inter		treet in Orange.		Source: State Official
	06/29/19 15:50 EST section of West Main Street and Twyman S	treet in Orange.		Source: State Official
	06/29/19 15:50 EST section of West Main Street and Twyman S	treet in Orange.		Source: State Official  Thunderstorm Wind (EG 61 kt)
	06/29/19 15:50 EST section of West Main Street and Twyman S S CANOVA [38.67, -77.43]	treet in Orange.	0	
PRINCE WILLIAM COUNTY 0.7	06/29/19 15:50 EST section of West Main Street and Twyman S S CANOVA [38.67, -77.43] 06/29/19 16:03 EST		0	Thunderstorm Wind (EG 61 kt)
PRINCE WILLIAM COUNTY 0.7	06/29/19 15:50 EST section of West Main Street and Twyman S S CANOVA [38.67, -77.43] 06/29/19 16:03 EST 06/29/19 16:03 EST in the Lake Jackson area northwest of Inde		0	Thunderstorm Wind (EG 61 kt)
PRINCE WILLIAM COUNTY 0.7	06/29/19 15:50 EST section of West Main Street and Twyman S S CANOVA [38.67, -77.43] 06/29/19 16:03 EST 06/29/19 16:03 EST in the Lake Jackson area northwest of Inde		0	Thunderstorm Wind (EG 61 kt)
PRINCE WILLIAM COUNTY 0.7	06/29/19 15:50 EST section of West Main Street and Twyman S S CANOVA [38.67, -77.43] 06/29/19 16:03 EST 06/29/19 16:03 EST in the Lake Jackson area northwest of Inde		0 0 0	Thunderstorm Wind (EG 61 kt) Source: State Official
PRINCE WILLIAM COUNTY 0.7  Numerous trees were blown down  SPOTSYLVANIA COUNTY 0.5 W	06/29/19 15:50 EST section of West Main Street and Twyman S S CANOVA [38.67, -77.43] 06/29/19 16:03 EST 06/29/19 16:03 EST in the Lake Jackson area northwest of Inde W LOGAN [38.22, -77.78] 06/29/19 16:35 EST	pendent Hill.	0 0 0	Thunderstorm Wind (EG 61 kt) Source: State Official  Thunderstorm Wind (EG 50 kt)
PRINCE WILLIAM COUNTY 0.7  Numerous trees were blown down  SPOTSYLVANIA COUNTY 0.5 W  A tree was blown down on power li	06/29/19 15:50 EST  section of West Main Street and Twyman S  S CANOVA [38.67, -77.43]  06/29/19 16:03 EST  06/29/19 16:03 EST  in the Lake Jackson area northwest of Inde  N LOGAN [38.22, -77.78]  06/29/19 16:35 EST  06/29/19 16:35 EST	pendent Hill.	0 0 0	Thunderstorm Wind (EG 61 kt) Source: State Official  Thunderstorm Wind (EG 50 kt)
PRINCE WILLIAM COUNTY 0.7  Numerous trees were blown down  SPOTSYLVANIA COUNTY 0.5 W  A tree was blown down on power li	06/29/19 15:50 EST  section of West Main Street and Twyman S  S CANOVA [38.67, -77.43]  06/29/19 16:03 EST  06/29/19 16:03 EST  in the Lake Jackson area northwest of Inde  N LOGAN [38.22, -77.78]  06/29/19 16:35 EST  06/29/19 16:35 EST	pendent Hill.	0 0 0	Thunderstorm Wind (EG 61 kt) Source: State Official  Thunderstorm Wind (EG 50 kt)
PRINCE WILLIAM COUNTY 0.7  Numerous trees were blown down  SPOTSYLVANIA COUNTY 0.5 W  A tree was blown down on power li	06/29/19 15:50 EST  section of West Main Street and Twyman S  S CANOVA [38.67, -77.43] 06/29/19 16:03 EST 06/29/19 16:03 EST in the Lake Jackson area northwest of Inde  N LOGAN [38.22, -77.78] 06/29/19 16:35 EST 06/29/19 16:35 EST nes on West Catharpin Road near Danielsy  EAR BROOK [39.26, -78.10]	pendent Hill.	0 0 0	Thunderstorm Wind (EG 61 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official
PRINCE WILLIAM COUNTY 0.7  Numerous trees were blown down  SPOTSYLVANIA COUNTY 0.5 W  A tree was blown down on power li	06/29/19 15:50 EST  section of West Main Street and Twyman S  S CANOVA [38.67, -77.43]	pendent Hill.	0 0 0	Thunderstorm Wind (EG 61 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt)
PRINCE WILLIAM COUNTY 0.7  Numerous trees were blown down  SPOTSYLVANIA COUNTY 0.5 W  A tree was blown down on power li  FREDERICK COUNTY 0.7 N CL	06/29/19 15:50 EST  section of West Main Street and Twyman S  S CANOVA [38.67, -77.43]	pendent Hill.	0 0 0	Thunderstorm Wind (EG 61 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt)
PRINCE WILLIAM COUNTY 0.7  Numerous trees were blown down  SPOTSYLVANIA COUNTY 0.5 V  A tree was blown down on power li  FREDERICK COUNTY 0.7 N CL	06/29/19 15:50 EST  section of West Main Street and Twyman S  S CANOVA [38.67, -77.43]	pendent Hill.	0 0 0	Thunderstorm Wind (EG 61 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt)
PRINCE WILLIAM COUNTY 0.7  Numerous trees were blown down  SPOTSYLVANIA COUNTY 0.5 W	06/29/19 15:50 EST  section of West Main Street and Twyman S  S CANOVA [38.67, -77.43]	pendent Hill.	0 0 0	Thunderstorm Wind (EG 61 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official  Thunderstorm Wind (EG 50 kt) Source: State Official

Heat and humidity through the day on June 29th led to a moderately unstable air mass by the afternoon. A weak pressure trough developed and heights began to fall by the evening as an upper level ridge broke down. Also late in the evening, a cold front began to approach, increasing forcing across the region. Several rounds of scattered showers and thunderstorms developed from the mid afternoon hours through well past sunset. Some thunderstorms became strong to severe.

#### **WEST VIRGINIA, East**

BERKELEY COUNTY 1.3 WNW MARTINSBURG [39.46, -77.99]		
06/02/19 12:50 EST	0	Hail (0.75 in)
06/02/19 12:50 EST	0	Source: Trained Spotter

Page 27 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hail up to the size of dimes (0.75" in diameter	) was reported.			
BERKELEY COUNTY 0.9 SW BLAIRTON [	<b>39.44, -77.93]</b> 06/02/19 12:58 EST		0	Hail (1.00 in)
	06/02/19 12:58 EST		0	Source: Trained Spotter
	00/02/19 12.56 EST		U	Source. Trained Spotter
Hail up to the size of quarters (1.0" in diamete	r) was reported.			
JEFFERSON COUNTY 1.3 WSW SHEPHEI	RDSTOWN [39.42, -77.82]			
	06/02/19 13:15 EST		0	Hail (1.00 in)
	06/02/19 13:15 EST		0	Source: Trained Spotter
Hail up to the size of quarters (1.0" in diamete	r) was reported.			
JEFFERSON COUNTY 1.7 WSW SHEPHEI	RDSTOWN [39.42, -77.83]			
	06/02/19 13:15 EST		0	Hail (0.75 in)
	06/02/19 13:15 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diameter	) was reported.			
JEFFERSON COUNTY 1.7 WSW SHEPHEI	PDSTOWN [30 42 77 83]			
JEITENSON COUNTY 1.7 WOW SHEPHEI	06/02/19 13:25 EST		0	Hail (0.75 in)
	06/02/19 13:25 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diameter	) was reported.			,
BERKELEY COUNTY 0.7 N (MRB)SHEPHE	ERD FLD MR [39.41, -77.98]			
, ,	06/02/19 13:29 EST		0	Hail (0.75 in)
	06/02/19 13:29 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diameter	) was reported.			
JEFFERSON COUNTY 1.8 WNW CHARLE	S TOWN ARPT [39.33, -77.86]			
	06/02/19 14:00 EST		0	Hail (0.88 in)
	06/02/19 14:00 EST		0	Source: Trained Spotter
Hail up to the size of nickels (0.88" in diameter	r) was reported.			
IEEEEDON COUNTY 0.7.9 HADDEDS EE	EDDV (20. 22. 77. 72)			
JEFFERSON COUNTY 0.7 S HARPERS FE	06/02/19 14:05 EST		0	Hail (0.75 in)
	06/02/19 14:05 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diameter	) was reported.			,
IEEEEDON COUNTY A SWILLDESS T	EDDV (20.22. 77.74)			
JEFFERSON COUNTY 0.5 W HARPERS F	06/02/19 14:06 EST		0	Hail (1.00 in)
	06/02/19 14:06 EST		0	Source: Trained Spotter
			Ü	253166. Hamod opottor
Hail up to the size of quarters (1.0" in diamete	r) was reported in Harpers Ferry.			
MINERAL COUNTY 0.9 NW KEYSER [39.4	4, -78.99]			
	06/02/19 15:04 EST		0	Hail (0.75 in)
	06/02/19 15:04 EST		0	Source: Trained Spotter
Hail up to the size of dimes (0.75" in diameter	) was reported.			
A cold front approached the region during the				
and wind shear, led to the development of se	cattered strong to locally severe	ununaerstorms	uuring the atternoo	on nours.
BERKELEY COUNTY 0.9 SE ARDEN [39.4	1, -78.04]		_	

06/27/19 15:06 EST

06/27/19 15:06 EST

Page 28 of 31 Printed on: 08/27/2019

Source: State Official

Thunderstorm Wind (MG 53 kt)

0

0

	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A wind gust to 53 knots (61 mph) was me	easured at Martinsburg Airport (KMRE	s). A tree was blow	n down onto a hou	se on Pumphouse Lane.
BERKELEY COUNTY 0.5 E DARKES	VILLE [39.37, -78.02] 06/27/19 15:21 EST		0	Thursdoorshams Wind (FO FO Is)
			0	Thunderstorm Wind (EG 50 kt)
	06/27/19 15:21 EST		0	Source: State Official
A tree was blown down onto wires in the	700 block of Hatchery Road.			
JEFFERSON COUNTY 1.9 N LEETOV				
	06/27/19 15:30 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/19 15:30 EST		0	Source: Law Enforcement
Tree limbs were blown down blocking Mo	ount Zion Road near Paynes Ford Roa	ad.		
JEFFERSON COUNTY 0.5 W CHARL	.ES TOWN [39.30, -77.86]			
	06/27/19 15:53 EST		0	Thunderstorm Wind (EG 61 kt)
	06/27/19 15:53 EST		0	Source: State Official
Numerous trees and wires were blown d	lown in Ranson.			
Relatively high low level moisture and	<del>-</del>			
circulations to generate a few pulse se	vere thunderstorms during the aftern	noon and evening	hours of June 27t	h.
MORGAN COUNTY JOHNSONS MILI	=		0	Thurderstorm Wind (EC FO Lt)
	06/29/19 15:43 EST		0	Thunderstorm Wind (EG 50 kt) Source: State Official
	06/29/19 15:43 EST		U	Source: State Official
A tree was blown down in the 4500 block	k of Johnson's Mill Road.			
BERKELEY COUNTY 2.1 SW VANCL	EVESVILLE [39.41, -77.93]			
	06/29/19 16:12 EST		0	Thunderstorm Wind (EG 50 kt)
	06/29/19 16:12 EST		0	Source: State Official
A tree was blown down in the 1500 block	k of Opequon Lane.			
Trace was blown as within the 1000 bloom				
	ES TOWN ARPT [39.32, -77.84]			
	• • •		0	Thunderstorm Wind (EG 50 kt)
	.ES TOWN ARPT [39.32, -77.84] 06/29/19 16:27 EST 06/29/19 16:27 EST		0	Thunderstorm Wind (EG 50 kt) Source: State Official
JEFFERSON COUNTY 0.5 W CHARL  A tree was blown down near the intersect Springs Road.	06/29/19 16:27 EST 06/29/19 16:27 EST	t Lane. Power lines	0	Source: State Official
JEFFERSON COUNTY 0.5 W CHARL  A tree was blown down near the intersec	06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi	t Lane. Power lines	0	Source: State Official
JEFFERSON COUNTY 0.5 W CHARL  A tree was blown down near the intersect Springs Road.	06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi	t Lane. Power lines	0	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)
JEFFERSON COUNTY 0.5 W CHARL  A tree was blown down near the intersect Springs Road.	06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi	t Lane. Power lines	0 s were also blown o	Source: State Official  lown in the 1500 block of Flowing
JEFFERSON COUNTY 0.5 W CHARL  A tree was blown down near the intersect Springs Road.  BERKELEY COUNTY 2.1 S (MRB)SH	06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi IEPHERD FLD MR [39.37, -77.98] 06/29/19 20:40 EST 06/29/19 20:40 EST	t Lane. Power lines	0 s were also blown o	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)
A tree was blown down near the intersect Springs Road.  BERKELEY COUNTY 2.1 S (MRB)SH  A tree was blown down in the 900 block of	06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi BEPHERD FLD MR [39.37, -77.98] 06/29/19 20:40 EST 06/29/19 20:40 EST of Madenbousch Lane.	t Lane. Power lines	0 s were also blown o	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)
A tree was blown down near the intersect Springs Road.  BERKELEY COUNTY 2.1 S (MRB)SH  A tree was blown down in the 900 block of	06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi BEPHERD FLD MR [39.37, -77.98] 06/29/19 20:40 EST 06/29/19 20:40 EST of Madenbousch Lane.	t Lane. Power lines	0 s were also blown o	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)
JEFFERSON COUNTY 0.5 W CHARL  A tree was blown down near the intersect Springs Road.	06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi BEPHERD FLD MR [39.37, -77.98] 06/29/19 20:40 EST 06/29/19 20:40 EST of Madenbousch Lane.	t Lane. Power lines	0 s were also blown o 0 0	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)  Source: State Official
JEFFERSON COUNTY 0.5 W CHARL A tree was blown down near the intersect Springs Road. BERKELEY COUNTY 2.1 S (MRB)SH A tree was blown down in the 900 block of JEFFERSON COUNTY 0.5 W SHEPH	06/29/19 16:27 EST 06/29/19 16:27 EST 06/29/19 16:27 EST etion of Oak Lee Drive and Jack Rabbi  IEPHERD FLD MR [39.37, -77.98] 06/29/19 20:40 EST 06/29/19 20:40 EST of Madenbousch Lane.  IERDSTOWN [39.43, -77.81] 06/29/19 20:44 EST 06/29/19 20:44 EST	t Lane. Power lines	0 s were also blown of 0 0	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)  Source: State Official  Thunderstorm Wind (EG 50 kt)
JEFFERSON COUNTY 0.5 W CHARL A tree was blown down near the intersect Springs Road. BERKELEY COUNTY 2.1 S (MRB)SH A tree was blown down in the 900 block JEFFERSON COUNTY 0.5 W SHEPH Multiple trees were blown down in the Sh	06/29/19 16:27 EST 06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi  BEPHERD FLD MR [39.37, -77.98] 06/29/19 20:40 EST 06/29/19 20:40 EST of Madenbousch Lane.  BERDSTOWN [39.43, -77.81] 06/29/19 20:44 EST 06/29/19 20:44 EST hepherdstown area.	t Lane. Power lines	0 s were also blown of 0 0	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)  Source: State Official  Thunderstorm Wind (EG 50 kt)
DEFFERSON COUNTY 0.5 W CHARL A tree was blown down near the intersect Springs Road. BERKELEY COUNTY 2.1 S (MRB)SH A tree was blown down in the 900 block of DEFFERSON COUNTY 0.5 W SHEPH Multiple trees were blown down in the Sh	06/29/19 16:27 EST 06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi  IEPHERD FLD MR [39.37, -77.98] 06/29/19 20:40 EST 06/29/19 20:40 EST of Madenbousch Lane.  IERDSTOWN [39.43, -77.81] 06/29/19 20:44 EST 06/29/19 20:44 EST hepherdstown area.	t Lane. Power lines	0 0 0 0 0	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)  Source: State Official  Thunderstorm Wind (EG 50 kt)  Source: State Official
JEFFERSON COUNTY 0.5 W CHARL  A tree was blown down near the intersect Springs Road.  BERKELEY COUNTY 2.1 S (MRB)SH  A tree was blown down in the 900 block of JEFFERSON COUNTY 0.5 W SHEPH	06/29/19 16:27 EST 06/29/19 16:27 EST 06/29/19 16:27 EST ction of Oak Lee Drive and Jack Rabbi  BEPHERD FLD MR [39.37, -77.98] 06/29/19 20:40 EST 06/29/19 20:40 EST of Madenbousch Lane.  BERDSTOWN [39.43, -77.81] 06/29/19 20:44 EST 06/29/19 20:44 EST hepherdstown area.  RNEYSVILLE [39.39, -77.89] 06/29/19 20:45 EST	t Lane. Power lines	0 s were also blown of 0 0	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)  Source: State Official  Thunderstorm Wind (EG 50 kt)  Source: State Official  Thunderstorm Wind (EG 50 kt)
JEFFERSON COUNTY 0.5 W CHARL A tree was blown down near the intersect Springs Road. BERKELEY COUNTY 2.1 S (MRB)SH A tree was blown down in the 900 block JEFFERSON COUNTY 0.5 W SHEPH Multiple trees were blown down in the Sh	06/29/19 16:27 EST 06/29/19 16:27 EST 06/29/19 16:27 EST 2010 of Oak Lee Drive and Jack Rabbi  DEPHERD FLD MR [39.37, -77.98] 06/29/19 20:40 EST 06/29/19 20:40 EST  Of Madenbousch Lane.  DERDSTOWN [39.43, -77.81] 06/29/19 20:44 EST 06/29/19 20:44 EST  The pherdstown area.  DERDSTOWN [39.39, -77.89] 06/29/19 20:45 EST 06/29/19 20:45 EST	t Lane. Power lines	0 0 0 0 0 0	Source: State Official  down in the 1500 block of Flowing  Thunderstorm Wind (EG 50 kt)  Source: State Official  Thunderstorm Wind (EG 50 kt)  Source: State Official

JEFFERSON COUNTY --- 0.5 W CHARLES TOWN [39.30, -77.86]

Page 29 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/29/19 21:00 EST		0	Thunderstorm Wind (EG 61 kt)
	06/29/19 21:00 EST		0	Source: State Official
lumerous trees were blown down in the	e Ranson area.			
MINERAL COUNTY 0.7 N BURLING	• •			
	06/29/19 21:40 EST		0	Thunderstorm Wind (EG 50 kt)
	06/29/19 21:40 EST		0	Source: State Official
Multiple trees were blown down in the B	Burlington area.			
HARDY COUNTY 1.8 ENE FLATS [3			0	Thursdaystown Wind (FO 50 ld)
	06/29/19 22:15 EST 06/29/19 22:15 EST		0	Thunderstorm Wind (EG 50 kt) Source: State Official
A tree was blown down in the 1000 bloc			U	Source. State Official
DANT COUNTY WILLIAMODODT				
GRANT COUNTY WILLIAMSPORT [	39.20, -79.03] 06/29/19 22:20 EST		0	Thunderstorm Wind (EG 61 kt)
	06/29/19 22:20 EST		0	Source: State Official
Numerous trees were blown down alon	g Patterson Creek Road.			
afternoon hours through well past sur	nset. Some thunderstorms became st	rong to severe.		
GRANT COUNTY STEBY [39.08, -79	9.23], 0.8 N STEBY [39.09, -79.23], 0.9 I 06/30/19 01:30 EST		9, -79.24], 0.6 W S	TEBY [39.08, -79.24] Flood (due to Heavy Rain)
GRANT COUNTY STEBY [39.08, -79	9.23], 0.8 N STEBY [39.09, -79.23], 0.9		=-	
Six inches of water were over the road.  GRANT COUNTY 0.7 NNW GORMAI	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 N 06/30/19 01:30 EST	NNW STEBY [39.0	0	Flood (due to Heavy Rain) Source: 911 Call Center
Six inches of water were over the road.  GRANT COUNTY 0.7 NNW GORMAI	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 O6/30/19 01:30 EST O6/30/19 08:30 EST	NNW STEBY [39.0	0 0 6 NE GORMANIA	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA
Six inches of water were over the road.  GRANT COUNTY 0.7 NNW GORMAI	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 0 06/30/19 01:30 EST 06/30/19 08:30 EST	NNW STEBY [39.0	0	Flood (due to Heavy Rain) Source: 911 Call Center
GIX inches of water were over the road.  GRANT COUNTY 0.7 NNW GORMAI  39.29, -79.32]  The gauge at Steyer along the North Br	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 O 06/30/19 01:30 EST 06/30/19 08:30 EST NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST	NNW STEBY [39.0	0 0 6 NE GORMANIA   0 0	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage
Six inches of water were over the road.  GRANT COUNTY 0.7 NNW GORMAI 39.29, -79.32]  The gauge at Steyer along the North Br Mill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 0 06/30/19 01:30 EST 06/30/19 08:30 EST  NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST	NNW STEBY [39.0	0 0 6 NE GORMANIA	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage
GRANT COUNTY 0.7 NNW GORMAI 39.29, -79.32]  The gauge at Steyer along the North Bruill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 06/30/19 01:30 EST 06/30/19 08:30 EST  NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST  ranch Potomac rapidly rose above flood of the control of the	NNW STEBY [39.0	0 0 6 NE GORMANIA	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage  begins to cover a portion of Althouse
GRANT COUNTY 0.7 NNW GORMAI 39.29, -79.32]  The gauge at Steyer along the North Bruill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 0 06/30/19 01:30 EST 06/30/19 08:30 EST  NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST	NNW STEBY [39.0	0 0 6 NE GORMANIA 0 0 0 age of 9 feet, water	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage
GRANT COUNTY 0.7 NNW GORMAN 39.29, -79.32]  The gauge at Steyer along the North Br Mill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN 39.29, -79.34]	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 0 06/30/19 01:30 EST 06/30/19 08:30 EST  NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST  Tanch Potomac rapidly rose above flood of the company of th	NNW STEBY [39.0  A [39.30, -79.33], 2.  d stage. At flood sta	0 0  6 NE GORMANIA   0 0 0 age of 9 feet, water	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage  begins to cover a portion of Althouse  [A [39.29, -79.34], 1.0 NNE GORMANIA Flash Flood (due to Heavy Rain)
GRANT COUNTY 0.7 NNW GORMAN 39.29, -79.32]  The gauge at Steyer along the North Br Mill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN 39.29, -79.34]	06/30/19 01:30 EST 06/30/19 01:30 EST 06/30/19 08:30 EST  NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST  ranch Potomac rapidly rose above flood NIA [39.29, -79.35], 0.9 NNE GORMANIA 06/30/19 02:54 EST 06/30/19 04:30 EST	NNW STEBY [39.0  A [39.30, -79.33], 2.  I stage. At flood sta  A [39.29, -79.35], 0	0 0 6 NE GORMANIA   0 0 age of 9 feet, water 0.9 NNE GORMANI 0 0	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage  begins to cover a portion of Althouse  [A [39.29, -79.34], 1.0 NNE GORMANIA  Flash Flood (due to Heavy Rain) Source: 911 Call Center
GRANT COUNTY 0.7 NNW GORMAN 39.29, -79.32]  The gauge at Steyer along the North Br Mill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN 39.29, -79.34]  A water rescue was underway for a hone GRANT COUNTY 1.0 WSW GORMAN	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 N O6/30/19 01:30 EST 06/30/19 08:30 EST 06/30/19 08:30 EST NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST 06/30/19 02:54 EST 06/30/19 02:54 EST 06/30/19 04:30 EST 06/30/19 04:30 EST NIA [39.29, -79.37], 0.8 WSW GORMANIA [39.27, -79.37]	NNW STEBY [39.0  A [39.30, -79.33], 2.  I stage. At flood sta  A [39.29, -79.35], 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage  begins to cover a portion of Althouse  [A [39.29, -79.34], 1.0 NNE GORMANIA  Flash Flood (due to Heavy Rain) Source: 911 Call Center
GRANT COUNTY 0.7 NNW GORMAN 39.29, -79.32]  The gauge at Steyer along the North Br Mill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN 39.29, -79.34]  A water rescue was underway for a hone GRANT COUNTY 1.0 WSW GORMAN	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 0 06/30/19 01:30 EST 06/30/19 08:30 EST  NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST  Tanch Potomac rapidly rose above flood of the control of th	NNW STEBY [39.0  A [39.30, -79.33], 2.  I stage. At flood sta  A [39.29, -79.35], 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage  begins to cover a portion of Althouse  [A [39.29, -79.34], 1.0 NNE GORMANIA  Flash Flood (due to Heavy Rain) Source: 911 Call Center
GRANT COUNTY 0.7 NNW GORMAN 39.29, -79.32]  The gauge at Steyer along the North Br Mill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN 39.29, -79.34]  A water rescue was underway for a hone GRANT COUNTY 1.0 WSW GORMAN	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 N O6/30/19 01:30 EST 06/30/19 08:30 EST 06/30/19 08:30 EST NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST 06/30/19 02:54 EST 06/30/19 02:54 EST 06/30/19 04:30 EST 06/30/19 04:30 EST NIA [39.29, -79.37], 0.8 WSW GORMANIA [39.27, -79.37]	NNW STEBY [39.0  A [39.30, -79.33], 2.  I stage. At flood sta  A [39.29, -79.35], 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage  begins to cover a portion of Althouse  [A [39.29, -79.34], 1.0 NNE GORMANIA  Flash Flood (due to Heavy Rain) Source: 911 Call Center
GRANT COUNTY 0.7 NNW GORMAN 39.29, -79.32]  The gauge at Steyer along the North Brufill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN 39.29, -79.34]  A water rescue was underway for a hone GRANT COUNTY 1.0 WSW GORMAN GORMANIA [39.27, -79.37]	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 0 06/30/19 01:30 EST 06/30/19 08:30 EST  NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST  Tanch Potomac rapidly rose above flood of the control of th	NNW STEBY [39.0  A [39.30, -79.33], 2.  I stage. At flood sta  A [39.29, -79.35], 0  and Go.  NIA [39.27, -79.36]	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage  begins to cover a portion of Althouse  [A [39.29, -79.34], 1.0 NNE GORMANIA  Flash Flood (due to Heavy Rain) Source: 911 Call Center
GRANT COUNTY 0.7 NNW GORMAN 39.29, -79.32]  The gauge at Steyer along the North Br Aill Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN 39.29, -79.34]  A water rescue was underway for a hone GRANT COUNTY 1.0 WSW GORMAN GORMANIA [39.27, -79.37]  Two feet of water were reported across GRANT COUNTY 0.9 NNE GORMAN	0.23], 0.8 N STEBY [39.09, -79.23], 0.9 0 06/30/19 01:30 EST 06/30/19 08:30 EST 06/30/19 08:30 EST  NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST 06/30/19 02:54 EST 06/30/19 02:54 EST 06/30/19 04:30 EST 06/30/19 04:30 EST 06/30/19 02:58 EST 06/30/19 04:30 EST	NNW STEBY [39.0 A [39.30, -79.33], 2. A [39.29, -79.35], 0 and Go.	0 0 0 6 NE GORMANIA   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage  begins to cover a portion of Althouse  [A [39.29, -79.34], 1.0 NNE GORMANIA  Flash Flood (due to Heavy Rain) Source: 911 Call Center  [IIA [39.27, -79.36], 1.1 WSW  Flash Flood (due to Heavy Rain) Source: 911 Call Center
GRANT COUNTY 0.7 NNW GORMAN 39.29, -79.32]  The gauge at Steyer along the North Br Will Road near Bayard.  GRANT COUNTY 1.0 NNE GORMAN 39.29, -79.34]  A water rescue was underway for a hon GRANT COUNTY 1.0 WSW GORMA GORMANIA [39.27, -79.37]	06/30/19 01:30 EST 06/30/19 01:30 EST 06/30/19 08:30 EST  NIA [39.29, -79.35], 1.9 NE GORMANIA 06/30/19 02:21 EST 06/30/19 04:45 EST  ranch Potomac rapidly rose above flood NIA [39.29, -79.35], 0.9 NNE GORMANIA 06/30/19 02:54 EST 06/30/19 04:30 EST  the surrounded by water near the Gas a NIA [39.27, -79.37], 0.8 WSW GORMANIA 06/30/19 02:58 EST 06/30/19 04:30 EST  the road near the Post Office in Bayard	NNW STEBY [39.0 A [39.30, -79.33], 2. A [39.29, -79.35], 0 and Go.	0 0 0 6 NE GORMANIA   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Flood (due to Heavy Rain) Source: 911 Call Center  [39.30, -79.31], 1.7 ENE GORMANIA  Flash Flood (due to Heavy Rain) Source: River/Stream Gage  begins to cover a portion of Althouse  [A [39.29, -79.34], 1.0 NNE GORMANIA  Flash Flood (due to Heavy Rain) Source: 911 Call Center  [IIA [39.27, -79.36], 1.1 WSW  Flash Flood (due to Heavy Rain) Source: 911 Call Center

Several locations between Bayard and Gormania along Route 90 were impassable due to high water.

Page 30 of 31 Printed on: 08/27/2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	RMANIA [39.27, -79.37], 0.7 SW GORMANIA	A [39.27, -79.36], 0	.2 SSW GORMAN	IA [39.28, -79.35], 0.3 N GORMANIA
[39.28, -79.35], 0.5 WNW GORMAN	NIA [39.28, -79.36] 06/30/19 03:20 EST		0	Flash Flood (due to Heavy Rain)
	06/30/19 04:45 EST		0	Source: 911 Call Center
Water flooded several homes near	the River due to rapidly rising water along the	ne North Branch P	otomac at Steyer.	The water level surpassed major flood
stage of 13 feet at 4:45 AM EST. A	Ithouse Mill Road was also flooded near Ba	yard.		
	NEGO [38.85, -79.42], 0.6 N MOUTH OF SE	NECA [38.84, -79.	37], 0.1 SSW MOU	TH OF SENECA [38.83, -79.37], 0.8 SW
ONEGO [38.84, -79.43]	06/30/19 04·00 EST		0	Flash Flood (due to Heavy Rain)
Route 33 between Onego and Sen	06/30/19 04:00 EST 06/30/19 05:30 EST eca Rocks was flooded due to rapidly rising	water along Sene	0 0 ca Creek. Low lyin	Flash Flood (due to Heavy Rain) Source: 911 Call Center g houses along the creek were
Route 33 between Onego and Sen evacuated.	06/30/19 05:30 EST		0 ca Creek. Low lyin	Source: 911 Call Center g houses along the creek were
Route 33 between Onego and Sen evacuated.	06/30/19 05:30 EST eca Rocks was flooded due to rapidly rising RMANIA [39.27, -79.37], 0.4 SE GORMANIA IIA [39.29, -79.36]		0 ca Creek. Low lyin 4 NE GORMANIA	Source: 911 Call Center g houses along the creek were [39.29, -79.33], 1.1 NNE GORMANIA
Route 33 between Onego and Sen evacuated.  GRANT COUNTY 1.1 WSW GOI	06/30/19 05:30 EST eca Rocks was flooded due to rapidly rising  RMANIA [39.27, -79.37], 0.4 SE GORMANIA IIA [39.29, -79.36]  06/30/19 04:45 EST		0 ca Creek. Low lyin 4 NE GORMANIA	Source: 911 Call Center g houses along the creek were  [39.29, -79.33], 1.1 NNE GORMANIA  Flood (due to Heavy Rain)
Route 33 between Onego and Sen evacuated.  GRANT COUNTY 1.1 WSW GOI	06/30/19 05:30 EST eca Rocks was flooded due to rapidly rising RMANIA [39.27, -79.37], 0.4 SE GORMANIA IIA [39.29, -79.36]		0 ca Creek. Low lyin 4 NE GORMANIA	Source: 911 Call Center g houses along the creek were [39.29, -79.33], 1.1 NNE GORMANIA
Route 33 between Onego and Sen evacuated.  GRANT COUNTY 1.1 WSW GOI [39.30, -79.35], 0.6 NNW GORMAN	06/30/19 05:30 EST  eca Rocks was flooded due to rapidly rising  RMANIA [39.27, -79.37], 0.4 SE GORMANIA  IIA [39.29, -79.36]  06/30/19 04:45 EST  06/30/19 09:04 EST  anch Potomac River at Steyer remained about	ı [39.28, -79.34], 1	0 ca Creek. Low lyin 4 NE GORMANIA 0 0	Source: 911 Call Center g houses along the creek were  [39.29, -79.33], 1.1 NNE GORMANIA  Flood (due to Heavy Rain) Source: 911 Call Center
Route 33 between Onego and Sen evacuated.  GRANT COUNTY 1.1 WSW GOI [39.30, -79.35], 0.6 NNW GORMAN  The water level along the North Braand Althouse Mill Road was also fid	06/30/19 05:30 EST  eca Rocks was flooded due to rapidly rising  RMANIA [39.27, -79.37], 0.4 SE GORMANIA  IIA [39.29, -79.36]  06/30/19 04:45 EST  06/30/19 09:04 EST  anch Potomac River at Steyer remained about	<b>1 [39.28, -79.34], 1</b> ove flood stage unt	0 ca Creek. Low lyin 4 NE GORMANIA 0 0 il mid-morning. Se	Source: 911 Call Center g houses along the creek were  [39.29, -79.33], 1.1 NNE GORMANIA  Flood (due to Heavy Rain) Source: 911 Call Center  veral homes around Bayard were flooded
Route 33 between Onego and Sen evacuated.  GRANT COUNTY 1.1 WSW GOI [39.30, -79.35], 0.6 NNW GORMAN  The water level along the North Braand Althouse Mill Road was also fid	06/30/19 05:30 EST  eca Rocks was flooded due to rapidly rising  RMANIA [39.27, -79.37], 0.4 SE GORMANIA IIA [39.29, -79.36]  06/30/19 04:45 EST  06/30/19 09:04 EST  anch Potomac River at Steyer remained abooded.  IOUTH OF SENECA [38.83, -79.38], 0.5 ESE CA [38.85, -79.39]	<b>1 [39.28, -79.34], 1</b> ove flood stage unt	0 ca Creek. Low lyin 4 NE GORMANIA 0 0 il mid-morning. Se	Source: 911 Call Center g houses along the creek were  [39.29, -79.33], 1.1 NNE GORMANIA  Flood (due to Heavy Rain) Source: 911 Call Center  veral homes around Bayard were flooded  [5], 1.3 NNE MOUTH OF SENECA [38.85,
Route 33 between Onego and Sen evacuated.  GRANT COUNTY 1.1 WSW GOI [39.30, -79.35], 0.6 NNW GORMAN  The water level along the North Bra and Althouse Mill Road was also flooped.	06/30/19 05:30 EST  eca Rocks was flooded due to rapidly rising  RMANIA [39.27, -79.37], 0.4 SE GORMANIA IIA [39.29, -79.36]  06/30/19 04:45 EST  06/30/19 09:04 EST  anch Potomac River at Steyer remained abcooded.	<b>1 [39.28, -79.34], 1</b> ove flood stage unt	0 ca Creek. Low lyin 4 NE GORMANIA 0 0 il mid-morning. Se	Source: 911 Call Center g houses along the creek were  [39.29, -79.33], 1.1 NNE GORMANIA  Flood (due to Heavy Rain) Source: 911 Call Center  veral homes around Bayard were flooded

Showers and thunderstorms trained over the same area as they developed along a cold front just to the north. The training convection led to heavy amounts of rain in a short period of time for areas near the Appalachian Mountains in West Virginia. The heavy amounts of rain caused creeks and streams to rapidly rise out of their banks.

Page 31 of 31 Printed on: 08/27/2019