



Marine Tstm Wind (EG35)

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estimated Damage Property Crops	June Character of Storm	2004
ATLANTIC NORTH									
ANZ535 Rnld Reagan Natl Arpt	Tidal 01	Potomac Key Br 1417EST	idge To India	n Hd Md	0	0		Marine Tstm Wind (MG3	35)
ANZ536 Quantico	Tidal 01	Potomac Indian 1422EST	Hd To Cobb	Is Md	0	0		Marine Tstm Wind (MG4	10)
ANZ531 10 W Riviera Beach	Chesa 01	peake Bay Poole 1424EST	es Is To Sandy	Pt Md	0	0		Marine Tstm Wind (MG4	11)
ANZ531 7 N Millers Island	Chesa 01	peake Bay Poole 1433EST	es Is To Sandy	Pt Md	0	0		Marine Tstm Wind (MG4	15)
ANZ531 3 N Riviera Beach	Chesa	peake Bay Poole 1442EST	es Is To Sandy	Pt Md	0	0		Marine Tstm Wind (MG3	35)
ANZ530 6 NW Pooles Island	Chesa	peake Bay N Of 1445EST	Pooles Is Md		0	0		Marine Tstm Wind (EG35	
ANZ532 Annapolis	Chesa	peake Bay Sand	y Pt To N Bea	nch Md	0	0		Marine Tstm Wind (EG35	
ANZ531 Tolchester Beach		peake Bay Poole	es Is To Sandy	Pt Md	0	0		Marine Tstm Wind (MG4	
ANZ532 5 SE Annapolis	Chesa	peake Bay Sand	y Pt To N Bea	nch Md	0	0		Marine Tstm Wind (MG4	
ANZ532 4 S Stevensville	Chesa	peake Bay Sand	y Pt To N Bea	nch Md	0	0		Marine Tstm Wind (MG3	
ANZ534 Solomons Island	Chesa	peake Bay Drun 1530EST	n Pt To Smith	Pt Va	0	0		Marine Tstm Wind (MG3	
ANZ533 20 NE Cove Pt		peake Bay N Bea	ach To Drum	Pt Md	0	0		Marine Tstm Wind (MG3	,
ANZ533 Cove Pt		peake Bay N Bea 1538EST	ach To Drum	Pt Md	0	0		Marine Tstm Wind (MG3	
ANZ534 Patuxent River Nas		peake Bay Drun 1540EST	n Pt To Smith	Pt Va	0	0		,	
ANZ534	Chesa	peake Bay Drun	n Pt To Smith	Pt Va	-			Marine Tstm Wind (MG3	
17 E Patuxent River Nas ANZ534	Chesa	1600EST	n Pt To Smith	Pt Va	0	0		Marine Tstm Wind (MG4	
13 NE Crisfield ANZ534		1630EST peake Bay Drun	n Pt To Smith	Pt Va	0	0		Marine Tstm Wind (MG3	
Crisfield ANZ534	01 Chesa	1645EST peake Bay Drun	n Pt To Smith	Pt Va	0	0		Marine Tstm Wind (EG34	4)
Patuxent River Nas ANZ531	01 Chesa	1540EST peake Bay Poole	es Is To Sandy	Pt Md	0	0		Marine Tstm Wind (MG3	88)
10 W Riviera Beach ANZ531	02 Chesa	1338EST peake Bay Poole	es Is To Sandy	Pt Md	0	0		Marine Tstm Wind (MG3	35)
3 N Riviera Beach ANZ530	02 Chesa	1348EST apeake Bay N Of	Pooles Is Md		0	0		Marine Tstm Wind (MG4	11)
3 NW Pooles Island ANZ533	02 Chesa	1400EST apeake Bay N Bea	ach To Drum	Pt Md	0	0		Marine Tstm Wind (EG35	5)
Cove Pt ANZ534	05	0205EST peake Bay Drun			0	0		Marine Tstm Wind (MG3	37)
3 NW Patuxent River Na ANZ532	05	0324EST			0	0		Marine Tstm Wind (EG35	5)
MINESSE	CHESa	peake Bay Sand	уттин веа	ich iviù					

0348EST

5 SE Annapolis





		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage	June 2004
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
ATLANTIC NORTH								
ANZ534 3 NW Patuxent River Na	_	eake Bay Drum l 0424EST	Pt To Smith	Pt Va	0	0		Marine Tstm Wind (MG35)
ANZ533	Chesap	eake Bay N Beac	h To Drum	Pt Md				
Cove Pt	05	0334EST			0	0		Marine Tstm Wind (MG37)
ANZ531 7 W Riviera Beach	Chesap 17	eake Bay Pooles 1454EST	Is To Sandy	Pt Md	0	0		Marine Tstm Wind (MG36)
ANZ535 Rnld Reagan Natl Arpt	Tidal P 17	otomac Key Brid 1628EST	ge To India	n Hd Md	0	0		Marine Tstm Wind (MG36)
ANZ532 5 SE Annapolis	Chesap 17	eake Bay Sandy 1 1653EST	Pt To N Bea	ch Md	0	0		Marine Tstm Wind (MG49)
ANZ536 Quantico	Tidal P 17	otomac Indian H 1742EST	d To Cobb 1	Is Md	0	0		Marine Tstm Wind (MG35)
ANZ534 Patuxent River Nas	Chesap 17	eake Bay Drum l 1851EST	Pt To Smith	Pt Va	0	0		Marine Tstm Wind (MG44)
ANZ534 Solomons Island	Chesap 17	eake Bay Drum l 1854EST	Pt To Smith	Pt Va	0	0		Marine Tstm Wind (MG43)
ANZ533	Chesap	eake Bay N Beac	h To Drum	Pt Md				
Cove Pt	17	1854EST			0	0		Marine Tstm Wind (MG45)
ANZ535 Rnld Reagan Natl Arpt	Tidal P 22	otomac Key Brid 1454EST	ge To India	n Hd Md	0	0		Marine Tstm Wind (MG36)
ANZ534	_	eake Bay Drum l	Pt To Smith	Pt Va				
17 E Patuxent River Nas		1748EST			0	0		Marine Tstm Wind (EG35)
ANZ534 Crisfield	Chesap 22	eake Bay Drum l 1830EST	Pt To Smith	Pt Va	0	0		Marine Tstm Wind (EG35)
DISTRICT OF COLUM	<u>IBIA</u>							
District Of Columbia								
Northwest Portion	01 Trees d	1414EST lown on power line	es in Northwe	est.	0	0	1K	Thunderstorm Wind (EG60)
DCZ001	District	t Of Columbia						
	09	1400EST 1700EST			0	0		Excessive Heat
						National N	Mall as they waited to	
District Of Columbia								
Lincoln Memorial	in the n	nidst of a passing t	hunderstorm	. His clothes	and shoes v	were shred	took shelter under a tro ded from the bolt. covered and was releas	
District Of Columbia								
Southeast Portion	17	1740EST 1900EST			0	0		Flash Flood
Many streets flooded in Southeast Washington. A mudslide resulted in lane closures. Two water rescues were performed.								





		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage	June 2004
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
MARYLAND, Central								
Prince George'S County Oxon Hill	01 Large	1220EST tree limbs down o	n power lines	s in Oxon Hil	0 Il and Distri	0 ct Heights.	3K	Thunderstorm Wind (EG53)
Frederick County Brunswick	01 Trees	1315EST down in several lo	ocations acros	s the county.	0	0	5K	Thunderstorm Wind (EG55)
Montgomery County Bethesda	01 Large	1405EST tree limbs down o	n power lines	i.	0	0	3K	Thunderstorm Wind (EG55)
Howard County Ellicott City	01 Trees	1410EST down.			0	0	3K	Thunderstorm Wind (EG60)
Anne Arundel County Mayo	01 Trees o		ary and a pas	sing upper lo	0 evel disturb	0 ance produ	2K uced scattered sho	Thunderstorm Wind (EG50) wers and thunderstorms across Northeast
								g winds that downed trees and power lines.
Harford County Forest Hill	02 Tree d	1852EST own.			0	0	0	Thunderstorm Wind (EG55)
Harford County Darlington	02 Trees	1855EST and power lines de	own from Wh	niteford to Le	0 vel to Darli	0 ngton in E	2K astern Harford Co	Thunderstorm Wind (EG60)
Harford County 3 N Havre De Grace	02 Tracto	1900EST r trailer truck over	rturned on the	M.E. Tydin	0 gs Memoria	0 ll Bridge	7K	Thunderstorm Wind (EG65)
Harford County Norrisville	02 Tree d	1908EST own.			0	0	0.50K	Thunderstorm Wind (EG60)
Harford County East Portion	02 Trees Norris	-	down across	the eastern	0 half of Ha	0 rford cour	5K nty. Sites included	Thunderstorm Wind (EG60) 1 Darlington, Forest Hill, Whiteford and
MDZ011	09	ern Baltimore 1400EST 1800EST ndices ranged from	n 95 to 100 do	egrees.	0	0		Excessive Heat
Frederick County Thurmont	14 Flash i	1630EST 2037EST flooding reported owed.	in the town of	f Thurmont.	0 Several road	0 ls were clo	osed and culverts	Flash Flood
Washington County Smithsburg	14 Three	1644EST 1944EST houses flooded or	ı Wolfsville R	Road in Smith	0 nsburg. Deb	0 ris and car	ne down the moun	Flash Flood tain and blocked many nearby roads.
Frederick County 3 SW Creagerstown	14 Numer	1715EST rous trees were up	rooted or top	ped.	0	0	3K	Thunderstorm Wind (EG70)





June 2004 Time Local Path Length Path Number of Estimated Width Persons Damage MARYLAND, Central Frederick County 1 N Woodsboro to 1 NW Libertytown 4.2 150 0 0 2K Tornado (F1) A weak tornado touched down just north of Woodsboro along Route 194. The tornado tracked southeast for about 4 miles and dissipated 1 mile northwest of Libertytown. Damage was confined to uprooted and topped trees. Peak winds were estimated at 75 mph. **Carroll County** 1730EST 4K Thunderstorm Wind (EG60) Westminster 14 0 Trees down in Westminister. Frederick County 1810EST Thunderstorm Wind (EG60) **Thurmont** 0 2K Trees down on Blake Mill Road. **Baltimore County** 1845EST 0 Thunderstorm Wind (EG55) Cockeysville 14 0 2KTrees down in Central Baltimore County. **Harford County** Scarboro 14 1845EST 3K Thunderstorm Wind (EG65) Numerous trees and power lines downed in northeast Harford County. **Harford County** .5 NE Churchville to 1 NE Churchville 1855EST 1859EST 75 1.5 1K Tornado (F0) A weak tornado touched down just northeast of Churchville, near the entrance of the Rolling Green Subdivision. The tornado tracked east. It uprooted and topped a few trees before lifting one mile east of Glenville Road. Peak winds were estimated at 60 mph **Harford County** Jarrettsville 0 Flash Flood 14 Several bridges washed out in Northern Harford County, and many streams were out of their banks A strong cluster of thunderstorms moved across Northeast Maryland on the evening of the 14th. The storms downed trees and power lines, spawned a couple of weak tornadoes, and produced some very heavy rainfall. The downed trees and power lines lead to power outages for over 5000 customers. Storm surveys by NWS personnel confirmed two weak tornadoes, one in Frederick County and another in Harford County. The damage was confined uprooted and topped trees. Flash flooding was also an issue with these storms. The Department of Natural Resources State Forestry and Park service reported problems in Cunningham Falls State Park, Frederick County. Four to five inches of rain caused ditches to overflow, the Park's lakes to fill with debris, and the bridge on Catoctin Hollow Road to washout. Rocks State Park, Harford County, also reported water damage. Roads in Darlington, Pylesville, Norrisville, and Whiteford were closed due to water covering the roadways. Water rescues saved the lives of a 7 year old Frederick County and a Harford County couple. The child fell into a creek and was swept through a gully and drain pipe before the Fire and Rescue team saved him. The couple's jeep was stranded in high water and they had to be lifted out. **Washington County** Hagerstown 15 1535EST 0 2K Thunderstorm Wind (EG60) Trees down.





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property Crops	June 2004 Character of Storm
MARYLAND, Central								
Washington County Boonsboro	15 Trees	1545EST down in Boonsbo	oro. Garage do	or and frame	0 damaged o	0 n a home.	5K	Thunderstorm Wind (EG60)
Frederick County Myersville	15 Large	1630EST tree limbs and wi	res down.		0	0	1K	Thunderstorm Wind (EG55)
Montgomery County 5 W Rockville	15 Flood	1720EST 2020EST ing in Travilah. So	ome roads we	re closed. Rac	0 dar estimate	0 ed 4 to 5 in	nches of rain fell in th	Flash Flood is area.
Baltimore County 1 SW Bradshaw	17 Trees	1420EST down.			0	0	2K	Thunderstorm Wind (EG65)
Anne Arundel County 5 W Annapolis	17 Two r	1700EST 2100EST roads closed due to	o high water.		0	0		Flash Flood
Anne Arundel County Gambrills	17 Lightt	1700EST ning started a fire	at a home in C	Gambrills and	0 caused ext	0 ensive dar	350K nage.	Lightning
Charles County La Plata to .3 NE La Plata		1810EST 1813EST ak tornado touched ted and topped ab		75 northside of	0 LaPlata. It	0 was short	lived and only remain	Tornado (F0) ned on the ground for a few minutes. It
Charles County La Plata	17 Trees	1815EST down.			0	0	1K	Thunderstorm Wind (MG51)
Charles County Waldorf	17 Trees	1815EST down across the c	county.		0	0	2K	Thunderstorm Wind (EG60)
St. Mary'S County Mechanicsville	17 Nume	1840EST erous trees down a	cross the north	hern portion (0 of the count	0	3K	Thunderstorm Wind (EG65)
Calvert County 5 W Wallville	17 A fun	1842EST 1844EST nel cloud was obs	erved near the	e Sandsgate ar	0 rea near the	0 Patuxent	River by Law Enforc	Funnel Cloud ement Officers.
St. Mary'S County Loveville	17 Lighti	1850EST ning caused a fire	at a cabinet sh	nop in Lovevi	0 lle.	0	120K	Lightning
Charles County Waldorf	17 Nume	1915EST 2100EST crous roads covere	d by water.		0	0		Flash Flood
Prince George'S County Bowie	17 House	1915EST e fire caused by lig	ghtning.		0	0	300K	Lightning





June 2004 Time Local/ Path Length Path Number of Estimated Width Persons Damage MARYLAND, Central St. Mary'S County California 17 1916EST 0 0 Lightning Lighting sparked a fire at a home in California. Damage amounts were unknown. Prince George'S County Hvattsville 17 1920EST 0 Lightning House fire caused by lightning. Amount of damage unknown. St. Mary'S County Mechanicsville 17 1920EST 2100EST 0 Flash Flood Several roads closed due to high water. **Anne Arundel County** 1930EST 2100EST 0 Flash Flood Deale 0 Many roads covered by water. Prince George'S County Brandywine 1930EST 2100EST Flash Flood Several roads closed across the central and southern parts of the county due to high water Prince George'S County Brandywine Lightning Lightning caused a house fire in Brandywine. Damage amount is unknown. St. Mary'S County Leonardtown 1932EST O 15K Lightning Lightning ignited a fire in a shed near Leonardtown. Thunderstorms accompanied by strong winds and heavy rainfall affected the Mid Atlantic region during the evening of the 17th. Reports of downed trees, a weak tornado, lightning strikes, and torrential rainfall came from Northeast and Lower Southern Maryland. A weak tornado touched down just outside of LaPlata in Charles County. Many homes and structures were damaged by fire and water. Firemen reported several fires caused by lightning in St. Mary's and Prince Georges Counties. Emergency personnel also reported the ceiling of a restaurant in Inverson Mall in Hill Crest Heights collapsed under the weight of rain water, and flash flooding necessitated a water rescue on the Suitland Parkway. **Calvert County** 2 S Dunkirk 1530EST 1730EST O Flash Flood 25 Water over Route 4 at Cheneville Road. Minor street flooding reported across the county **Allegany County** 1620EST 0 Flash Flood Westernport 25 1820EST Water covering three roads in the county. VIRGINIA, North Frederick County **Stephens City** 1240EST 0 3K Thunderstorm Wind (EG60) 01 0 Downed trees. **Clarke County** 3 E Berryville 1250EST 0 1K Thunderstorm Wind (EG55) Tree down in Berryville. **Loudoun County** Aldie 01 1329EST 2K Thunderstorm Wind (EG55)

Trees down in Aldie.





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed	er of ons Injured	Estimated Damage Property Crops	June 2004 Character of Storm
VIRGINIA, North								
Fairfax County Great Falls	01 Trees	1405EST down in Reston ar	nd Great Falls.		0	0	2K	Thunderstorm Wind (EG55)
Arlington County Arlington	01 Trees	1410EST down across the co	ounty.		0	0	2K	Thunderstorm Wind (EG60)
Staunton (C) Central Portion	01 Trees	1915EST down around the c	city.		0	0	3K	Thunderstorm Wind (EG60)
	Virgin		rn Shenandoal	h Valley on	the 1st. Som			rs and thunderstorms across Northern nied by very strong winds that downed
Albemarle County North Portion	11 Downe	1500EST ed trees near Lake	Albemarle.		0	0	1K	Thunderstorm Wind (EG55)
Albemarle County 6 ESE White Hall to 5.8 ESE White Hall	11 A brie	1512EST f tornado touched	0.2 down near Ov	50 wensville. N	0 umerous tree	0 es were si	3K napped and some trees	Tornado (F0) defoliated.
Albemarle County 3 SE Ivy	11 Trees o	1527EST down.			0	0	3K	Thunderstorm Wind (EG55)
Charlottesville (C) Charlottesville	11 Trees	1527EST down on Barracks	Road and US	Route 250.	0	0	2K	Thunderstorm Wind (EG60)
Nelson County Roseland	11 Tree d	1529EST own.			0	0	0.50K	Thunderstorm Wind (EG55)
Nelson County Shipman	15 Water	1700EST 2000EST covering roads at	several location	ons	0	0		Flash Flood
Orange County Eheart	16	1837EST 2030EST roads closed due t			Onty.	0		Flash Flood
Prince William County Dale City	17 Severa	1734EST I trees down in the	e eastern porti	on of Prince	0 William Co	0 unty, inc	4K luding Dale City.	Thunderstorm Wind (EG65)
Manassas (C) Manassas	17 Severa	1800EST 2000EST I roads covered by	v water in the	City of Man	0 assas and the	0 roughout	Prince William Count	Flash Flood
Warren County Rockland	17	1930EST			0	0	10K r was also damaged by	Thunderstorm Wind (EG65)





Time Local/ Length Width Persons Damage
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

WEST VIRGINIA, East

Morgan (County
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Omps 01 1215EST 1 0 Thunderstorm Wind (EG55)

Tractor trailer blown over by thunderstorm winds. The trailer was then hit by an oncoming truck. 1 fatality occurred. Amount of

damage was unknown. M?VE

Berkeley County

2 SW Martinsburg 01 1240EST 0 0 2K Thunderstorm Wind (EG55)

Felled tree.

Jefferson County

Kearneysville 01 1245EST 0 0 5K Thunderstorm Wind (EG55)

Tree down on car.

Pendleton County

Northeast Portion 01 1855EST 0 0 5K Thunderstorm Wind (EG60)

Trees down countywide. Most of the damage was concentrated between Seneca Rocks and North Fork.