



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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DISTRICT OF COLUMBIA

District Of Columbia

Countywide	02	1800EST 1815EST			0	0	2K		Thunderstorm Wind
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Trees were downed.

During a hot and humid afternoon, a cold front crossed the region. This front triggered thunderstorms which contained winds in excess of 55 MPH and hail. Trees were downed across the District, including those which fell across P Street NW and J Street NE. Pea sized hail was also reported.

DCZ001

District Of Columbia

	10	0800EST			0	0			Unseasonably Warm
	11	1800EST							

High pressure in combination with sunny skies caused afternoon temperatures to reach into the upper 80s to middle 90s on the 10th and 11th. Dew points reached into the lower 70s creating heat indices in the middle 90s to lower 100s. The air quality index across the Washington D.C. metropolitan area dropped into the Code Red category during the period. The normal high temperature for June 10th and 11th is 84 degrees. A cold front moved through the region on the 12th, bringing an end to the hot weather.

District Of Columbia

Northwest Portion	15	1840EST 1845EST			0	0	20K		Thunderstorm Wind
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Trees and power lines were downed.

A line of thunderstorms which contained winds in excess of 55 MPH, hail, heavy rain, and frequent lightning moved across the District during the evening of the 15th. Trees were downed across the northwest portion of the city. One tree was felled onto a police cruiser on Columbia Road. Trees were also downed onto Massachusetts Avenue, Ontario Road, and Kalorama Street.

DCZ001

District Of Columbia

	25	0800EST 1800EST			0	0			Unseasonably Warm
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High pressure in combination with sunny skies caused afternoon temperatures to reach into the upper 80s to middle 90s on the 25th. Dew points reached into the lower 70s creating heat indices in the middle 90s to lower 100s. The normal high temperature for June 25th is 87 degrees.

MARYLAND, Central

MDZ009

Montgomery

	02	1500EST 1600EST			0	2			Warm Weather
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Two spectators at the Kemper Open were hospitalized for heat exhaustion and dehydration

Anne Arundel County

Lothian to Harwood	02	1800EST 1830EST			0	0	10K		Thunderstorm Wind
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Trees were downed.

Prince George'S County

Upper Marlboro	02	1857EST			0	0	15K		Thunderstorm Wind
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Several trees were downed.

Calvert County

Dunkirk	02	1915EST			0	1			Lightning
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A woman standing at her front door was struck by lightning

Calvert County

Dunkirk	02	1915EST			0	0	2K		Thunderstorm Wind
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Trees were downed.



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MARYLAND, Central

Charles County Countywide	02	1915EST 1930EST			0	0	10K		Thunderstorm Wind
Trees were downed.									
Charles County La Plata	02	1950EST			0	0	2K		Thunderstorm Wind
Trees were downed.									
Calvert County Prince Frederick	02	2000EST			0	0	100K		Lightning
A townhouse under construction was damaged by lightning									
Calvert County Prince Frederick	02	2000EST			0	0	2K		Thunderstorm Wind
Trees were downed.									

During a hot and humid afternoon, a cold front crossed the region. This front triggered thunderstorms, some of which produced damaging winds, hail, and frequent lightning across central Maryland. In Carroll County, a wind gust of 45 MPH was recorded at Millers. In Montgomery County, pea sized hail fell in Potomac. Because of the heat of the day, two spectators attending the Kemper Open near Potomac had to be hospitalized for dehydration and heat exhaustion. Another 150 people in attendance were treated at the scene for dehydration. In Prince George's County, numerous trees were downed in Upper Marlboro where 1.37 inches of rain fell. Route 301 just north of Upper Marlboro was blocked by several fallen trees. Cars traveling along the road during the storm were pushed into the median by the same winds that downed the trees. In Anne Arundel County, trees were downed onto power lines and roads from Lothian to Harwood. Nearly 8400 customers lost power across the county. In Calvert County, trees and power lines were downed in Dunkirk and Prince Frederick. A woman who was standing near the front door of her Dunkirk home was struck by lightning. The bolt knocked her to the ground and she was treated for minor injuries. A townhouse under construction in Prince Frederick was damaged by a fire which resulted from a lightning strike. In Charles County, trees were downed in La Plata where pea sized hail fell. Trees were also downed elsewhere in the county.

MDZ002>004-006-009>011-013>014-016>018 Allegheny - Washington - Frederick - Northern Baltimore - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert

10	0800EST				0	0			Unseasonably Warm
11	1800EST								

High pressure in combination with sunny skies caused afternoon temperatures to reach into the upper 80s to middle 90s on the 10th and 11th. Dew points reached into the lower 70s creating heat indices in the middle 90s to lower 100s. Service stations across the state reported a total of 1300 cars that had to be towed and serviced for overheated engines on the 10th. The air quality over the Washington D.C. metropolitan area dropped into the Code Red category during the period. Normal high temperatures across the area for the 2nd week of June are in the middle 80s. A cold front moved through the region on the 12th, bringing an end to the hot weather.

Charles County North Portion	12	1600EST 1830EST			0	0			Heavy Rain
Prince George'S County South Portion	12	1600EST 1830EST			0	0			Heavy Rain
St. Mary'S County Countywide	12	1600EST 1830EST			0	0			Heavy Rain

Thunderstorms that produced very heavy rainfall moved across south central Maryland during the early evening hours of the 12th.



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MARYLAND, Central

In Prince George's County, 2.35 inches fell in Clinton and 2.16 inches fell in Brandywine. In Charles County, one observer on the west side of Waldorf reported 1.73 inches and another on the east side of town reported 2.51 inches. In St. Mary's County, 1.69 inches fell in Tall Timbers.

Washington County Countywide	15	1400EST 1600EST			0	0			Heavy Rain
Washington County Hagerstown	15	1415EST 1430EST			0	0	15K		Thunderstorm Wind
Several trees were downed.									
Frederick County Countywide	15	1500EST 1600EST			0	0			Heavy Rain
Frederick County Countywide	15	1520EST 1615EST			0	0	75K		Thunderstorm Wind
Numerous trees and power lines were downed, a trailer was overturned, a barn roof was removed, and a summer kitchen and a barn were destroyed.									
Frederick County 3 NW Brunswick	15	1524EST			0	0			Thunderstorm Wind (G52)^M
A wind gust of 60 MPH was recorded.									
Frederick County 5 S Frederick	15	1535EST			0	0			Thunderstorm Wind (G72)^M
A wind gust of 81 MPH was recorded.									
Prince George'S County Countywide	15	1830EST 2000EST			0	0			Heavy Rain
St. Mary'S County Countywide	15	1830EST 2000EST			0	0			Heavy Rain
Montgomery County Germantown	15	1840EST			0	0			Hail (1.00)
Quarter sized hail fell.									
Frederick County Thurmont	15	1845EST 1855EST			0	0	4.3K		Lightning
Two homes were damaged by lightning.									
Montgomery County Silver Spg	15	1850EST			0	0			Hail (0.75)
Dime sized hail fell.									
Frederick County Ijamsville	15	1904EST			0	0	0.50K		Thunderstorm Wind
Tree branches were downed onto power lines.									
Charles County 8 S La Plata	15	1915EST			1	0	5K		Thunderstorm Wind
A boater drowned on the Potomac River after his craft was overturned by high winds and waves. M28BO									
Anne Arundel County Glen Burnie	15	1928EST			0	0	2K		Thunderstorm Wind (G52)^M
Winds gusting to 59 MPH downed power lines.									

A line of thunderstorms which produced winds in excess of 55 MPH, large hail, heavy rain, and frequent lighting moved across the area during the afternoon and evening of the 15th. In Washington County, several trees were downed on the north end of Hagerstown. Rainfall totals included 2.62 inches in Sharpsburg and 2.05 inches in Williamsport. In Frederick County, high winds



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MARYLAND, Central

Anne Arundel County Countywide	18	1700EST 1900EST			0	0			Heavy Rain
Montgomery County Dawsonville	18	1700EST			0	0			Hail (0.75) Dime sized hail fell.
Prince George'S County East Portion	18	1700EST 1900EST			0	0			Heavy Rain
Anne Arundel County Glen Burnie	18	1715EST			0	0	5K		Lightning A lightning strike damaged the roof of a home.
Charles County Bel Alton	18	1900EST			0	0	2K		Thunderstorm Wind Trees were downed.

Thunderstorms developed ahead of a cold front which swept across central Maryland on the evening of the 18th. These storms contained large hail, heavy rain, frequent lightning, and wind gusts in excess of 55 MPH. In Montgomery County, dime sized hail fell in Dawsonville. In Prince George's County, 2.00 inches of rain fell in Bowie. In Anne Arundel County, 1.63 inches of rain fell at BWI Airport. A lightning strike damaged a roof of a home in Glen Burnie. In Charles County, trees were downed in Bel Alton.

Frederick County Countywide	21	2000EST 2200EST			0	0			Heavy Rain
Montgomery County Gaithersburg	21	2100EST			0	0	1K		Thunderstorm Wind Trees were downed.
Montgomery County 1 N Glenmont to 1 N Colesville	21	2110EST	5	100	0	0	150K		Tornado (F1) Numerous trees were downed or snapped, several cars were damaged by trees and debris. Several apartment roofs, a wall, and a fence were damaged. Trim and siding on homes were also damaged.
Montgomery County Wheaton	21	2110EST			0	0	5K		Thunderstorm Wind Trees were downed south of the tornado's path.
Howard County 3 S Columbia	21	2120EST			0	0	5K		Thunderstorm Wind High winds blew in a window and snapped trees.
Montgomery County Colesville	21	2120EST			0	0			Hail (2.00) Golfball to lemon sized hail fell just prior to the tornado.
Anne Arundel County North Portion	21	2125EST 2150EST			0	0	25K		Thunderstorm Wind Wind gusts between 60 and 75 MPH downed several trees and power lines.
Prince George'S County 1 E Laurel	21	2125EST			0	0	10K		Thunderstorm Wind Wind gusts between 60 and 75 MPH downed trees just south of the tornado's path.
Prince George'S County .5 E Laurel to 1.5 E Laurel	21	2128EST 2132EST	1	200	0	0	30K		Tornado (F1) Numerous trees were downed and some exterior damaged was reported on buildings. The tornado cut a path through the Patuxent



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MARYLAND, Central

Greens Golf Course and damaged the clubhouse and maintenance buildings. About 80 large trees were lost on the property. Thunderstorms which contained winds in excess of 55 MPH, heavy rainfall, and large hail developed ahead of a cold front during the evening of the 21st. The line of storms that moved across Montgomery and Prince George's Counties produced two tornadoes. The first tornado touched down in the Aspen Hill area of Montgomery County along Colesville Manor Drive. It move east across Northwest Branch Park and onto Scott Drive, Mills Avenue, Notley Street, and Paula Lynn Drive, then dissipated 1 mile north of Colesville. The F1 tornado was on the ground for 5 miles and was 100 yards wide. It downed numerous trees, including one which fell onto a house and another onto a shed. The second tornado, nearly 200 yards wide, touched down just east of Laurel near Route 197 and the Patuxent Greens Country Club. It damaged a garage door, tore an awning, and lifted shingles on golf course property, in addition to knocking down over 80 large trees. The F1 tornado continued east for one mile downing several other trees before dissipating near the Patuxent River. In addition to the tornado damage, straight line winds in excess of 55 MPH also damaged trees, power lines, and structures in Montgomery and Prince George's Counties. An apartment complex in Silver Spring suffered roof damage, shattered windows, ripped gutters, and damaged cinder block walls. Downed fences and several cars damaged by fallen trees were found nearby. Tree damage was also reported in Gaithersburg, the Rock Creek Valley neighborhood, Wheaton, and Laurel. In Howard County, high winds blew in a window and snapped trees south of Columbia. Winds estimated between 60 and 75 MPH downed numerous trees and power lines across northern Anne Arundel County, including the communities of Odenton, Glen Burnie, Crownsville, and Pasadena. In Frederick County, 1.75 inches of rain fell in Wolfsville and 1.57 inches was recorded in Frederick.

MDZ002>004-006-009>011-013>014-016>018	Allegany - Washington - Frederick - Northern Baltimore - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert									
	25	0800EST 1800EST			0	0			Unseasonably Warm	
Allegany County Little Orleans	25	1715EST			0	0	1K		Thunderstorm Wind	
			Trees were uprooted.							
Allegany County Little Orleans	25	1730EST			0	1			Lightning	
			A 45 year old man was injured by lightning at a campground.							
Frederick County Frederick	25	2030EST			0	0	10K		Lightning	
			Lightning started a fire in the attic of a hotel.							
Frederick County Woodsboro	25	2030EST			0	0	25K		Lightning	
			A lightning strike damaged a garage.							
Howard County Countywide	25	2200EST 2359EST			0	0			Heavy Rain	
Montgomery County West Portion	25	2200EST 2359EST			0	0			Heavy Rain	

High pressure in combination with sunny skies caused afternoon temperatures to reach into the upper 80s to middle 90s on the 25th. Dew points reached into the lower 70s creating heat indices in the middle 90s to lower 100s. Normal high temperatures across the area for the last week of June are in the middle to upper 80s. The combination of heat and humidity also led to the development of several thunderstorms, some of which produced damaging wind, very heavy rainfall, frequent lightning, and large hail. In Allegany County, a 45 year old man was struck by lightning while standing under a camper awning near Little Orleans. The victim was thrown against the camper by the strike and received a black burn mark on his right hand. Trees were downed and hail also fell at the campsite. In Frederick County, a lightning strike started a fire in the attic of a hotel in Frederick. A lightning strike also started a garage fire in Woodsboro. In Montgomery County, 2.25 inches of rain fell near Poolesville, 2.06 inches fell near Bethesda, 1.80



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MARYLAND, Central

inches fell at Brighton Dam, and 1.57 inches fell near Cedar Grove. In Howard County, 1.50 inches fell in Cooksville.

Montgomery County Countywide	26	1515EST			0	0	2K		Thunderstorm Wind
Trees were downed onto Frederick Road.									

Montgomery County North Portion	26	1550EST 1630EST			0	0			Flash Flood
Route 355 was flooded at the intersection of Frederick Road.									

Calvert County Prince Frederick	26	1702EST			0	0	1K		Thunderstorm Wind
Tree limbs were downed.									

Calvert County Island Creek	26	1715EST			0	0	5K		Lightning
A radio tower was damaged by lightning.									

Howard County Clarksville	26	1852EST			0	0	0.50K		Thunderstorm Wind
Trees were downed near Brighton Dam and on Highland Road.									

Frederick County Countywide	26	2100EST			0	0	10K		Lightning
Lightning downed trees and power lines in Emmitsburg, New Market, and Ijamsville.									

Thunderstorms developed across the area on the afternoon of the 26th. The strongest storms produced winds in excess of 55 MPH, frequent lightning, and heavy rainfall. In Frederick County, lightning downed trees and power lines in Emmitsburg, New Market and Ijamsville. A home was struck by lightning in New Midway and Middletown and a garage fire was started by lightning in Woodsboro. Pea sized hail was reported in Mar-Lu-Ridge. In Montgomery County, high winds downed trees onto Frederick Road. In addition, flooding was reported on Route 355 at the intersection of Frederick Road. In Howard County, trees were downed near Brighton Dam and on Highland Road. Savage Park reported a total of 1.39 inches of rain. In Calvert County, tree limbs were downed in Prince Frederick and a radio tower in Island Creek was damaged by lightning.

Charles County Countywide	27	1530EST 1630EST			0	0			Heavy Rain
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St. Mary'S County Countywide	27	1630EST 1730EST			0	0			Heavy Rain
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St. Mary'S County Countywide	27	1720EST			0	0	5K		Thunderstorm Wind
Trees and power lines were downed.									

A cold front moved across the region during the evening hours of the 27th. This front triggered thunderstorms, some of which produced winds in excess of 55 MPH and heavy rainfall. In Charles County, 1.73 inches of rain fell in Bryan's Road, 1.68 inches fell near Hughesville, and 1.50 inches fell in Waldorf. In St. Mary's County, trees and power lines were downed by high wind. A wind gust of 55 MPH was recorded in Tall Timbers. Minor street flooding also occurred after heavy downpours.

Washington County 3 NE Smithsburg	29	1830EST			0	0	1K		Thunderstorm Wind
Winds estimated at 70 MPH ripped siding off a home.									



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June 2000

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

MARYLAND, Central

Anne Arundel County Countywide	29	2000EST 2200EST			0	0			Heavy Rain
Prince George'S County Upper Marlboro	29	2030EST			0	0	0.50K		Thunderstorm Wind

A tree was downed onto a road.

Thunderstorms which developed during the evening of the 29th produced winds in excess of 55 MPH and heavy rainfall. In Prince George's County, a tree was downed onto a road in Upper Marlboro. In Anne Arundel County, a total of 1.62 inches of rain fell in Owings Beach. In Washington County, pea sized hail fell northeast of Smithsburg where winds estimated at 70 MPH ripped siding off a home.

VIRGINIA, North

Fairfax County 3 NE Herndon	02	1730EST			0	0			Hail (0.88)
			Nickel sized hail fell.						
Fauquier County Warrenton	02	1744EST			0	0	10K		Thunderstorm Wind (G71) ^M
			A wind gust of 80 MPH downed trees.						
Fauquier County Warrenton	02	1746EST			0	0			Hail (2.50)
			Half dollar to tennis ball sized hail fell.						
Fairfax County Vienna	02	1800EST			0	0			Hail (1.50)
			Walnut sized hail fell near Wolftrap.						
Falls Church (C) Falls Church	02	1805EST			0	0	4K		Thunderstorm Wind
			Twelve trees were downed.						
Prince William County Countywide	02	1805EST			0	0	10K		Thunderstorm Wind
			Trees and power lines were downed.						
Fairfax (C) Fairfax	02	1806EST			0	0			Hail (0.75)
			Dime sized hail fell.						
Alexandria (C) Alexandria	02	1809EST			0	0	0.50K		Thunderstorm Wind
			A tree was downed onto a power line.						
Manassas (C) Manassas	02	1810EST			0	0			Hail (0.75)
			Dime sized hail fell.						
Fairfax County Clifton	02	1811EST			0	0			Hail (0.88)
			Dime to nickel sized hail fell.						
Fairfax County Annandale	02	1814EST			0	0			Hail (0.88)
			Dime to nickel sized hail fell.						
Arlington County Countywide	02	1815EST 1845EST			0	0	10K		Thunderstorm Wind
			Several trees and power lines were downed.						



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					Killed	Injured	Property Crops

VIRGINIA, North

Fairfax County Annandale	02	1820EST			0	0	Thunderstorm Wind (G52)
A wind gust of 60 MPH was estimated.							
Fairfax County Mc Lean to Tysons Corner	02	1820EST			0	0	Hail (0.75)
Dime sized hail fell.							
Fairfax (C) Fairfax	02	1823EST			0	0	Hail (0.75)
Dime sized hail fell.							
Fairfax County Burke	02	1830EST			0	0	Hail (0.75)
Marble to dime sized hail fell.							
Falls Church (C) Falls Church	02	1830EST			0	0	2K Thunderstorm Wind
Trees were downed.							
Fairfax County Ft Belvoir	02	1850EST			0	0	Thunderstorm Wind (G50) ^M
A wind gust of 58 MPH was recorded.							

During a hot and humid afternoon, a cold front crossed the region. This front triggered thunderstorms, some of which contained damaging winds and large hail. In Fauquier County, a wind gust of 80 MPH was recorded in Warrenton which downed trees. Half dollar to tennis ball sized hail also fell across the community. In Loudoun County, marble sized hail fell in Ashburn. In Prince William County, trees and power lines were downed. Dime sized hail fell in Manassas. In Fairfax County, dime sized hail fell in Fairfax, McLean, Tyson's Corner, Burke, and Duncan. Pea sized hail fell in Great Falls and Picket. Marble sized hail fell in Centreville and Springfield. Nickel sized hail fell in Dranesville and Clifton, and walnut sized hail fell near Wolftrap and Vienna. IN Annandale, winds gusted to 60 MPH and dime to nickel sized hail fell. A wind gust of 58 MPH was recorded at Ft. Belvoir. Trees were downed in Falls Church where pea to marble sized hail fell. In Arlington County and in Alexandria, pea sized hail fell and trees and power lines were downed. Across Northern Virginia, 46,000 customers lost power as a direct result of the storms.

VAZ021-025>031-
036>042-050>057

Highland - Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Arlington - Stafford - Spotsylvania - King George

10	0800EST	0	0	Unseasonably Warm
11	1800EST			

High pressure in combination with sunny skies caused afternoon temperatures to reach into the upper 80s to mid 90s on the 10th and 11th. Dew points reached into the lower 70s, creating heat indices in the middle 90s to lower 100s. Twenty five people were treated in Loudoun County for heat related illnesses. The air quality over the Washington D.C. metropolitan area dropped into the Code Red category during the period. Normal high temperatures across the area for the 2nd week of June are in the middle 80s. A cold front moved through the region on the 12th, bringing an end to the hot weather.

Greene County Countywide	12	1330EST 1500EST			0	0	Heavy Rain
Madison County Countywide	12	1330EST 1500EST			0	0	Heavy Rain



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VIRGINIA, North

Albemarle County

Crozet	12	1600EST 1615EST			0	0	5K		Thunderstorm Wind
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Trees and chimneys were downed in the Highlands Subdivision.

Albemarle County

Crozet	12	1615EST			0	0			Hail (1.00)
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Quarter sized hail fell.

A slow moving thunderstorm containing heavy rainfall, large hail, and winds in excess of 55 MPH moved across a portion of the Shenandoah Valley during the afternoon of the 13th. In Albemarle County, quarter sized hail fell and trees and chimneys were downed in Crozet. In Greene County, 1.82 inches of rain fell in Standardsville. In Madison County, 1.55 inches of rain fell into a gauge along the Rapidan River on Route 29. In Warren County, 1.35 inches of rain was recorded at Chester Gap.

Rockingham County

Countywide	12	1400EST 1600EST			0	0	150K		Heavy Rain
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A large tent was destroyed after heavy rain collapsed the structure.

A thunderstorm which contained very heavy rainfall moved across Rockingham County during the afternoon of the 12th. A 2000 person capacity tent set up at the Rockingham County Fairgrounds collapsed under the weight of the water dropped by the deluge, resulting in \$150,000 in damage.

Rockingham County

Countywide	14	1600EST			0	3			Lightning
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Three dispatchers in Wentworth were struck by lightning through their headsets.

A lightning bolt struck a communications tower in Wentworth and traveled through electrical wires into the dispatch building and struck three operators through their headsets. They were treated for minor injuries.

Frederick County

North Portion	15	1330EST			0	0			Hail (0.75)
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Dime sized hail fell on Route 522 north of Winchester.

Clarke County

Berryville	15	1545EST			0	0	2K		Thunderstorm Wind
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Trees were downed onto roads.

Loudoun County

4 S Round Hill	15	1615EST			0	0	0.50K		Thunderstorm Wind
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A tree was downed in Airmont.

Loudoun County

Countywide	15	1642EST 1656EST			0	0	2K		Thunderstorm Wind
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Trees were downed.

Frederick County

Countywide	15	1700EST 1800EST			0	0			Flash Flood
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Over 2 inches of rain in one hour washed out a road and flooded several streets.

Shenandoah County

Countywide	15	1700EST			0	0	15K		Thunderstorm Wind
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Trees were downed in New Market and Tom's Brook and a barn roof was damaged.

Warren County

Countywide	15	1700EST 1800EST			0	0			Heavy Rain
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Flooding was reported near Front Royal.



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Storm Data and Unusual Weather Phenomena



June 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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VIRGINIA, North

Winchester (C)									
Winchester	15	1700EST			0	0	2K		Thunderstorm Wind
A tree was downed onto a power line.									
Clarke County									
Countywide	15	1730EST			0	0	2K		Thunderstorm Wind
Power lines were downed.									
Warren County									
Countywide	15	1730EST 1735EST			0	1	40K		Thunderstorm Wind
Trees were downed onto a house, barn, tent, and several roads.									
Fauquier County									
Delaplane	15	1740EST			0	0	2K		Thunderstorm Wind
Trees were downed.									
Fredericksburg (C)									
Fredericksburg	15	1800EST 1900EST			0	0			Heavy Rain
Fauquier County									
Upperville	15	1810EST			0	0			Funnel Cloud
Loudoun County									
10 W Aldie to Middleburg	15	1810EST 1820EST			0	0	0.50K		Thunderstorm Wind
Trees were downed along Route 50 and across the community of Middleburg.									
Loudoun County									
2 N Aldie	15	1820EST			0	0			Funnel Cloud
Loudoun County									
Ashburn	15	1825EST			0	0			Hail (0.75)
Dime sized hail fell.									
Fairfax County									
Countywide	15	1830EST 1840EST			0	0	10K		Thunderstorm Wind
Several trees were downed.									

A line of thunderstorms that contained winds in excess of 55 MPH, large hail, heavy rain, and frequent lightning moved across the area during the afternoon and evening of the 15th. In Shenandoah County, trees were downed in New Market and Tom's Brook. The roof of a barn was also peeled back. Rainfall totals included 1.46 inches in Fetzer Gap and 1.34 inches at the Strasburg Reservoir. In Page County, a wind gust of 42 MPH was recorded in Luray. In Frederick County, dime sized hail fell on Route 522 north of Winchester. A tree was downed onto a power line in Winchester. Several structures across the county were hit by lightning. Heavy rain washed out Back Creek Road in the western portion of the county and flooded several streets in Winchester. A total of 2.11 inches fell in Winchester and 1.81 inches fell in Gore. In Warren County, several trees were downed onto roads, power lines, and structures across the county. Communities hardest hit included Shenandoah Farms, Front Royal, and Linden. A house was damaged by a downed tree in Rockland. A camper on Blue Mountain just outside of Front Royal was injured when a tree fell onto his tent. A 160-year-old house, a car, a fence, and a barn were damaged by several felled trees near Cedarville. Power lines were downed on Apple Mountain. Heavy rain flooded streets in Front Royal. Rainfall totals included 1.61 inches in Nineveh, 1.51 inches near Strasburg, and 1.31 inches on Hogback Mountain. In Clarke County, trees were downed and pea sized hail fell in Berryville. Power lines were downed across the county. Route 340 north of Berryville was blocked by downed trees. In Loudoun County, trees were downed in Woodtrail, Lovettsville, Leesburg, Airmont, Middleburg, and along Route 50 west of Aldie. A funnel cloud was spotted near Upperville on the Loudoun/Fauquier County border. Another funnel cloud was spotted about 2 miles north of Aldie a few minutes later. Dime sized hail fell in Ashburn, marble sized hail fell in Bluemont and pea sized hail fell northwest of Dulles Airport where a wind gust of 47 MPH was recorded. In Fauquier County, trees were downed in Delaplane. In Fairfax County, trees were downed in Centreville, Springfield, Herndon, and Reston. In Fredericksburg, a total of 1.68 inches of rain fell



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VIRGINIA, North

Fauquier County

Countywide	16	1900EST 2200EST			0	0			Heavy Rain
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A slow moving thunderstorm dropped over 2 inches of rain across Fauquier County. A total of 2.19 inches was recorded in Warrenton.

Fairfax County

Countywide	17	1300EST 1800EST			0	0			Heavy Rain
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Loudoun County

Countywide	17	1300EST 1600EST			0	0			Heavy Rain
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Prince William County

Countywide	17	1300EST 1800EST			0	0			Heavy Rain
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Shenandoah County

New Market	17	1545EST 1700EST			0	6	10K		Flash Flood
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Heavy rain collapsed a tent, resulting in 6 injuries.

Albemarle County

Countywide	17	1600EST 1900EST			0	0			Heavy Rain
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Culpeper County

Countywide	17	1600EST 1900EST			0	0			Heavy Rain
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Fauquier County

Countywide	17	1600EST 1900EST			0	0			Heavy Rain
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Rockingham County

Countywide	17	1600EST 1900EST			0	0			Heavy Rain
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Rappahannock County

Countywide	17	1730EST 1830EST			0	0			Flash Flood
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Routes 211 and 620 were flooded.

Slow moving thunderstorms dropped very heavy rain across the northern half of Virginia during the afternoon and evening of the 17th. In Shenandoah County, 2 inches of rain fell in 30 minutes in New Market. The weight of the water from the deluge collapsed a large tent at the Shenandoah Valley Academy, injuring 6 people. Nearby gravel roads were washed out. Rainfall totals included 2.87 inches in Woodstock, 2.71 inches in New Market, 1.66 inches at Smiths Creek, 1.46 inches at Bernshire Dam, and 1.38 inches in Detrick. In Page County, 2.18 inches fell in Luray and 1.27 inches fell at Lewis Mountain Camp. In Rockingham County, 1.75 inches fell at Cootes Store and 1.26 inches fell at Swift Run. In Augusta County, 1.26 inches fell at Elkhorn Lake, In Highland County, 1.28 inches fell in Monterey. In Albemarle County, 2.68 inches fell at the McCormick Observatory and 1.80 inches fell at Crozet. In Madison County, 1.39 inches fell in Graves Mill. In Culpeper County, 2.57 inches fell in Culpeper. In Rappahannock County, 1.92 inches fell in Sperryville. Water covered routes 211 and 620 in the area of Fletcher Mill. In Fauquier County, 1.80 inches fell in Remington and 1.65 inches fell in Warrenton. In Prince William County, 1.92 inches fell at Lake Jackson. In Loudoun County, 1.60 inches fell in Middleburg. In Fairfax County, 2.17 inches fell in Annandale.

Page County

Countywide	21	1930EST 2100EST			0	0			Heavy Rain
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Rappahannock County

Countywide	21	1930EST 2100EST			0	0			Heavy Rain
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National Weather Service

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June 2000

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VIRGINIA, North

Arlington County

Countywide	21	2200EST 2359EST			0	0			Heavy Rain
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Fairfax County

Countywide	21	2200EST 2359EST			0	0			Heavy Rain
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Falls Church (C)

Falls Church	21	2200EST 2359EST			0	0			Heavy Rain
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Thunderstorms with very heavy rainfall moved across northern Virginia late on the 21st. In Page County, 1.92 inches of rain was recorded in Luray. In Rappahannock County, 1.50 inches fell in Sperryville. In Shenandoah County, 1.30 inches fell at Burnshire Dam. In Warren County, 1.27 inches fell at Manassas Gap. In Fairfax County, 2.19 inches fell southeast of Centreville. Yates Ford Road was closed by high water along the Fairfax/Prince William County border. In Falls Church, 2.50 inches was recorded and 1.50 inches fell in Arlington.

VAZ021-025>031-
036>042-050>057

Highland - Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Arlington - Stafford - Spotsylvania - King George

25	0800EST 1800EST				0	0			Unseasonably Warm
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Rockingham County

Dayton	25	1700EST			0	0	3.5K		Lightning
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A lightning strike damaged a school bell tower

Rockingham County

Elkton	25	1710EST			0	0	4.5K		Lightning
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A lightning strike damaged a baseball field scoreboard

Rockingham County

Elkton	25	1710EST			0	0	0.50K		Thunderstorm Wind
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Three trees were downed.

Page County

Shenandoah	25	1730EST			0	0	3K		Lightning
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A lightning strike damaged a church steeple.

Orange County

2 N Barboursville	25	1830EST			0	0			Hail (0.75)
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Dime sized hail fell.

Fauquier County

North Portion	25	2100EST 2359EST			0	0			Heavy Rain
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Loudoun County

Countywide	25	2100EST 2359EST			0	0			Flash Flood
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Route 50 was closed by high water.

Loudoun County

3 E Aldie	25	2130EST			0	0	1K		Thunderstorm Wind
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Two trees were downed onto Route 50 just east of Gilbert's Corner.

High pressure in combination with sunny skies caused afternoon temperatures to reach into the upper 80s to mid 90s on the 25th. Dew points reached into the lower 70s, creating heat indices in the middle 90s to lower 100s. Normal high temperatures across the area for the last week of June are in the middle to upper 80s. The combination of heat and humidity also led to the development of thunderstorms, some of which produced damaging wind, very heavy rainfall, frequent lightning, and large hail. In Page County, a lightning strike blew cinder blocks off a church steeple in Shenandoah. In Rockingham County, a lightning strike damaged a school bell tower in Dayton and a baseball field scoreboard in Elkton. High winds also downed trees in Elkton. In Orange County, dime sized hail fell on Harwick Mountain. Over two inches of rain fell in portions of Loudoun and Fauquier Counties. Rainfall totals included 2.52 inches in Ashburn and 2.12 inches at The Plains. Route 50 was closed by high water between Gilbert's Corner and the start of the 4 lane highway. In addition, high winds downed two trees onto Route 50 just east of Gilbert's Corner.



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Storm Data and Unusual Weather Phenomena



June 2000

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<u>VIRGINIA, North</u>									
Albemarle County North Portion	26	1345EST			0	0	5K		Thunderstorm Wind
			Trees were downed.						
Charlottesville (C) Charlottesville	26	1345EST			0	0	1K		Thunderstorm Wind
			Trees were downed near the airport.						
Orange County Montpelier	26	1400EST			0	0	0.50K		Thunderstorm Wind
			A tree was downed.						
Nelson County Roseland	26	1505EST			0	0	50K		Lightning
			A trailer was hit by lightning and destroyed by the resulting fire						
Fredericksburg (C) Fredericksburg	26	1510EST			0	0	8K		Lightning
			A lightning strike damaged two homes.						
Spotsylvania County Wilderness Corner	26	1515EST			0	0	2K		Thunderstorm Wind
			Trees were downed onto roads.						
Fredericksburg (C) Fredericksburg	26	1520EST			0	0	5K		Thunderstorm Wind
			Three trees and a power line were downed.						
Stafford County Ferry Farms	26	1600EST			0	0	0.50K		Thunderstorm Wind
			A tree was downed.						
Winchester (C) Winchester	26	1700EST 1800EST			0	0			Heavy Rain
			An inch of rain fell in 15 minutes.						
Winchester (C) Winchester	26	1730EST			0	0	10K		Lightning
			Lightning downed a tree onto a storage building.						
Frederick County 1 E Winchester Arpt	26	1745EST			0	0	2K		Thunderstorm Wind
			A chimney was blown over and tree limbs were downed.						
Clarke County Countywide	26	1750EST 1755EST			0	0	20K		Thunderstorm Wind

Several trees were downed onto power lines, cars, and roads in Boyce and Millwood.

Thunderstorms developed across the area on the afternoon of the 26th. The strongest storms produced winds in excess of 55 MPH, frequent lightning, and heavy rainfall. In Albemarle County, trees were downed at the Charlottesville Airport and across the northern part of the county. In Orange County, a tree was downed on to Constitution Highway in Montpelier. In Nelson County, a trailer was destroyed by fire after being hit by lightning. In Spotsylvania County, trees were downed at the intersection of Routes 640 and 3 east of Wilderness Corner. Several small fires around the county were blamed on lightning. Three trees and a power line were downed in Fredericksburg and three homes were damaged by lightning strikes. Nearly 7000 city customers lost power as a direct result of the storm. In Stafford County, a tree was downed just east of the Fredericksburg city limits on River Road and Kings Highway. In Frederick County, a chimney was blown over and tree limbs were downed east of Winchester. Lightning also downed a tree onto a storage building in Winchester where an inch of rain fell in 15 minutes. In Clarke County, several trees were downed onto power lines, cars, and roads from Boyce south and east to the county line. Hardest hit areas included Boyce, Calmes Neck, Millwood, and Waterloo.



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June 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>VIRGINIA, North</u>									
Madison County Countywide	27	1345EST 1415EST			0	0	20K		Thunderstorm Wind
			Over 20 trees were downed onto roads.						
Greene County Ruckersville	27	1350EST			0	0	1K		Thunderstorm Wind
			Trees were downed.						
Rockingham County 3 NE Grottoes	27	1355EST			0	0	100K		Lightning
			A lightning strike started a fire at a home which heavily damaged the roof and the second story.						
Augusta County Countywide	27	1400EST 1600EST			0	0			Heavy Rain
Albemarle County Countywide	27	1415EST			0	0	10K		Thunderstorm Wind
			Trees were downed.						
Orange County Orange	27	1446EST			0	0	0.50K		Thunderstorm Wind
			A tree was downed onto Buzzard Hollow Road.						
Albemarle County Countywide	27	1500EST 1700EST			0	0			Flash Flood
			Roads were flooded.						
Charlottesville (C) Charlottesville	27	1500EST 1700EST			0	0			Flash Flood
			Roads were flooded.						
Spotsylvania County Countywide	27	1525EST			0	0	1K		Thunderstorm Wind
			Trees and power lines were downed.						
Fredericksburg (C) Fredericksburg	27	1530EST			0	0	0.50K		Thunderstorm Wind
			A tree was downed.						
King George County Countywide	27	1545EST			0	0	10K		Thunderstorm Wind
			Trees were downed onto roads.						
Stafford County Countywide	27	1545EST			0	0	0.50K		Thunderstorm Wind
			A power line was downed.						

A cold front moved across the region during the early evening hours of the 27th. This front triggered thunderstorms, some of which produced winds in excess of 55 MPH and heavy rainfall. In Madison County, over 20 trees were downed onto roads. A power line was also downed in the city of Madison. A total of 1.35 inches of rain fell in Nethers. In Greene County, trees were downed in Ruckersville. In Rockingham County, the roof and the second story of a home northeast of Grottoes was badly damaged by a fire that was caused by a lightning strike. A total of 1.35 inches fell at Swift Run. In Albemarle County and Charlottesville, trees were downed and heavy downpours flooded several roads. Rainfall totals included 2.66 inches at McCormick Observatory, and 1.60 inches at Monticello. In Augusta County, rainfall totals included 1.62 inches at Stoney Creek and 1.18 inches in Spottswood. In Orange County, a tree was downed onto Buzzard Hollow Road in Orange. In Spotsylvania County and Fredericksburg, trees and power lines were downed. A power line was downed in Stafford County and trees were downed onto several roads in King George County.



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June 2000

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VIRGINIA, North

Albemarle County Countywide	28	1500EST 1900EST			0	0			Heavy Rain
Augusta County Countywide	28	1500EST 1900EST			0	0			Heavy Rain
Highland County Countywide	28	1500EST 1900EST			0	0			Heavy Rain
Nelson County Countywide	28	1500EST 1900EST			0	0			Heavy Rain

Thunderstorms that produced very heavy rainfall moved very slowly across central Virginia during the afternoon and early evening of the 28th. Minor street flooding and swollen creeks and streams occurred across the area. In Highland County, 1.91 inches of rain fell in Mustoe, 1.90 inches fell in Monterey, and 1.60 inches fell in McDowell. In Augusta County, rainfall totals included 3.00 inches in Spottswood, 2.64 inches in Craigsville, 2.60 inches in Churchville, 2.16 inches in Sherando, 2.03 inches in Craigsville, and 1.50 inches in Scottsville. In Albemarle County, 4.35 inches fell at Wintergreen Resort and 3.18 inches fell at McCormick Observatory. In Nelson County, 1.54 inches of rain was recorded at Devils Knob.

WEST VIRGINIA, East

Mineral County South Portion	02	1856EST 1858EST			0	0	2K		Thunderstorm Wind
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Trees were downed in Keyser, Burlington, and Fountain.

During a hot and humid afternoon, a cold front crossed the region. This front triggered thunderstorms and the strongest storm which crossed Mineral County contained winds in excess of 55 MPH. Trees were downed in Keyser, Burlington, and Fountain.

WVZ048>055			Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy						
	10	0800EST			0	0			Unseasonably Warm
	11	1800EST							

High pressure in combination with sunny skies caused afternoon temperatures to reach into the upper 80s to mid 90s on the 10th and 11th. Dew points reached into the lower 70s creating heat indices in the middle 90s to lower 100s. Normal high temperatures across the area for the 2nd week of June are in the middle 80s. A cold front moved through the region on the 12th, bringing an end to the hot weather.

Hardy County Oldfields	15	1422EST			0	0	1K		Thunderstorm Wind
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A tree was downed onto a road.

Hampshire County High View	15	1545EST 1645EST			0	0			Heavy Rain
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Jefferson County Countywide	15	1600EST 1730EST			0	0			Flash Flood
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Several roads were flooded.

Morgan County Countywide	15	1600EST 1700EST			0	0			Heavy Rain
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Jefferson County Charles Town	15	1630EST			0	0	1K		Thunderstorm Wind
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Two trees were downed north of town.



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June 2000

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WEST VIRGINIA, East

Hardy County

4 W Lost River to 4 E Lost River	15	1640EST			0	0	10K		Thunderstorm Wind
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Several trees were downed.

A line of thunderstorms which contained winds in excess of 55 MPH, large hail, heavy rain, and frequent lightning moved across the area during the afternoon and evening of the 15th. In Hardy County, a tree was downed onto a road in Old Fields and several trees were downed in a west to east path just north of Lost River near Route 259 and Mill Gap Road. A total of 2.50 inches of rain fell in Highview. In Hampshire County, 1.31 inches fell on Little Cacapon Mountain. In Morgan County, 2.13 inches of rain fell in Berkeley Springs. In Jefferson County, two trees were downed north of Charles Town where 2.85 inches of rain was recorded. Up to 4 feet of water covered roads in Ranson and several county roads were also flooded

Morgan County

Countywide	16	1630EST 1830EST			0	0	6K		Flash Flood
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Several roads were damaged by flooding, mudslides were reported, and many creeks overflowed their banks.

Morgan County

Great Cacapon	16	1746EST			0	0	75K		Lightning
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A home was destroyed by a fire sparked by a lightning strike.

A thunderstorm which produced very heavy rain and frequent lightning moved slowly across Morgan County on the evening of the 16th. More than 3 inches of rain fell across the county, resulting in widespread flash flooding. Sections of Route 9 near Yellow Springs Run and Route 522 in Berkeley Springs were underwater. After the water receded, large boulders were left behind in the roadway. High water threatened homes along Warm Springs Run and flooded several parked cars. Other flooded roads included South Washington St., Fairfax St., Radio Station Rd., Greenway Dr., Johnson's Mill Rd., Independence St., and Mercer St. The swimming pool at Berkeley Springs State Park was surrounded by flood waters after debris piled up along a foot bridge and created a dam. Along Route 522, an embankment gave way creating a small landslide which blocked a portion of the highway near Widmyer School. In Great Cacapon, a lightning strike started a fire which destroyed a home.

WVZ048>055

Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy	25	0800EST 1800EST			0	0			Unseasonably Warm
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High pressure in combination with sunny skies caused afternoon temperatures to reach into the upper 80s to mid 90s on the 25th. Dew points reached into the lower 70s creating heat indices in the middle 90s to lower 100s. Normal high temperatures across the area for the last week of June are in the middle to upper 80s.