



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2005

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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### LAKE ERIE

<b>LEZ146</b>	<b>Avon Point To Willowick Oh</b>								
Avon Point to Willowick	10	1315EST 1340EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ166</b>	<b>Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border</b>								
Avon Point to Willowick	10	1315EST 1340EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ164</b>	<b>Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border</b>								
The Islands to Vermilion	10	1315EST 1340EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ165</b>	<b>Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border</b>								
Vermilion to Avon Point	10	1315EST 1340EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ144</b>	<b>The Islands To Vermilion Oh</b>								
The Islands to Vermilion	10	1315EST 1340EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ145</b>	<b>Vermilion To Avon Point Oh</b>								
Vermilion to Avon Point	10	1315EST 1340EST			0	0			Marine Tstm Wind (MG47)

Strong thunderstorms moved over the western basin of Lake Erie during the early afternoon hours of the 10th. The thunderstorms tracked east-southeast over the lake and moved towards the southern shore of Lake Erie. Winds were estimated to be at least 35 knots as they passed, and a lighthouse measured a wind gust of 47 knots.

<b>LEZ146</b>	<b>Avon Point To Willowick Oh</b>								
Avon Point to Willowick	20	1509EST 1545EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ166</b>	<b>Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border</b>								
Avon Point to Willowick	20	1509EST 1545EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ164</b>	<b>Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border</b>								
The Islands to Vermilion	20	1509EST 1545EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ165</b>	<b>Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border</b>								
Vermilion to Avon Point	20	1509EST 1545EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ144</b>	<b>The Islands To Vermilion Oh</b>								
The Islands to Vermilion	20	1509EST 1545EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ145</b>	<b>Vermilion To Avon Point Oh</b>								
Vermilion to Avon Point	20	1509EST 1545EST			0	0			Marine Tstm Wind (MG52)

Strong to severe thunderstorms moved across northern Ohio and the southern half of Lake Erie during the afternoon. Winds with the thunderstorms were estimated to be at least 35 knots, with one measured gust of 52 knots along the lakeshore.

<b>LEZ149</b>	<b>Conneaut Oh To Ripley Ny</b>								
Ripley Ny	20	1615EST 1650EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ148</b>	<b>Geneva On The Lake Oh To Conneaut Oh</b>								
Geneva-On-The-Lake to Conneaut	20	1615EST 1650EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ169</b>	<b>Le Conneaut Oh To Ripley Ny Byd 5Nm Offshore To Intl Border</b>								
Conneaut to Ripley Ny	20	1615EST 1650EST			0	0			Marine Tstm Wind (EG35)
<b>LEZ168</b>	<b>Le Geneva On The Lake To Conneaut Oh Byd 5Nm Offshore To Intl Border</b>								
Geneva-On-The-Lake to Conneaut	20	1615EST 1650EST			0	0			Marine Tstm Wind (EG35)





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### OHIO, North

inches of rain at Massillon (Stark County). Lowland and street flooding was reported in all four counties. A vehicle overturned on Interstate 76 in Portage County after running into standing water on the roadway. A vehicle also became stranded in flood waters in Youngstown (Mahoning County). No injuries were reported during either incident. Dozens of homes experienced basement flooding.

#### **Lorain County North Portion**

<b>08</b>	<b>1618EST 1800EST</b>								
		<b>0</b>	<b>0</b>	<b>25K</b>					<b>Flash Flood</b>

Thunderstorms dumped locally heavy rains on the northern portion of Lorain County. A spotter west of Lorain measured 2.40 inches of rain. Street and underpass flooding was reported in the City of Lorain.

#### **Wyandot County 3 SE Sycamore**

<b>13</b>	<b>1520EST</b>								
		<b>0</b>	<b>0</b>	<b>2K</b>					<b>Thunderstorm Wind (EG50)</b>

A tree and large limb were reported down.

#### **Crawford County 5 SE Bucyrus**

<b>13</b>	<b>1530EST</b>								
		<b>0</b>	<b>0</b>	<b>25K</b>					<b>Thunderstorm Wind (EG50)</b>

A large tree fell onto a house. Also, a wall and a portion of a roof were blown off of a barn.

#### **Crawford County 1 W Ocoala**

<b>13</b>	<b>1600EST</b>								
		<b>0</b>	<b>0</b>						<b>Hail(0.75)</b>

Penny size hail was observed.

#### **Marion County Marion**

<b>13</b>	<b>1600EST</b>								
		<b>0</b>	<b>0</b>						<b>Hail(0.75)</b>

Penny size hail was observed.

#### **Wyandot County 3 NE Nevada**

<b>13</b>	<b>1600EST</b>								
		<b>0</b>	<b>0</b>						<b>Hail(0.75)</b>

Penny size hail was observed.

#### **Richland County Ontario**

<b>13</b>	<b>1640EST</b>								
		<b>0</b>	<b>0</b>						<b>Hail(0.75)</b>

Penny size hail was observed.

#### **Morrow County Iberia to Johnsville**

<b>13</b>	<b>1652EST 1655EST</b>								
		<b>0</b>	<b>0</b>	<b>8K</b>					<b>Thunderstorm Wind (EG50)</b>

Large limbs and power lines were reported down.

#### **Ashland County 1 W Ashland to Rowsburg**

<b>13</b>	<b>1658EST 1720EST</b>								
		<b>0</b>	<b>0</b>	<b>25K</b>					<b>Thunderstorm Wind (EG50)</b>

Numerous trees were reported down in an area from just west of Ashland eastward to the Wayne County border

#### **Ashland County Ashland**

<b>13</b>	<b>1710EST</b>								
		<b>0</b>	<b>0</b>						<b>Hail(0.88)</b>

Nickel size hail was observed.

#### **Wayne County 3 S Congress to Orrville**

<b>13</b>	<b>1745EST 1805EST</b>								
		<b>0</b>	<b>0</b>	<b>75K</b>					<b>Thunderstorm Wind (EG50)</b>

A severe thunderstorm tracked east across Wayne County during the evening of the 10th. The thunderstorms took down numerous trees, large limbs, and power lines along a path from just south of Congress through Wooster to around Orrville. A large tree was reported to have fallen onto a house, and another fell onto a car. Some of the damaged utility poles caught on fire. The most concentrated reports of damage came from an area from the northern side of Wooster to as far north as Smithville. Some of the areas affected during this event were coincidentally hit by a tornado on November 12, 2003.

#### **Stark County Massillon**

<b>13</b>	<b>1819EST</b>								
		<b>0</b>	<b>0</b>	<b>4K</b>					<b>Hail(0.75)</b>





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### OHIO, North

on Marks Road about a half a mile north of Fenn Road. The tornadoes tracked east on the ground for about one hundred yards. The damage path was about seventy-five feet wide. A pole barn used as a horse arena was leveled. Another barn nearby suffered serious damage to the roof, and the house on the property also received substantial damage. Several other homes in the area sustained minor to serious structural damage with a couple sheds destroyed by the tornadoes. Debris was scattered for several hundred yards around the path of the tornadoes. No injuries to humans or animals were reported from these tornadoes.

#### **Richland County**

<b>Butler</b>	20	1520EST			0	0	1K		<b>Thunderstorm Wind (EG50)</b>
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Several large limbs were reported down.

#### **Knox County**

<b>Fredericktown</b>	20	1525EST			0	0	2K		<b>Thunderstorm Wind (EG50)</b>
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A few trees were reported down.

#### **Lorain County**

<b>Sheffield</b>	20	1536EST			0	0	2K		<b>Thunderstorm Wind (EG50)</b>
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One tree and a few large limbs and power lines were reported down.

#### **Cuyahoga County**

<b>Berea</b>	20	1555EST			0	0	4K		<b>Thunderstorm Wind (EG50)</b>
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Three trees were reported down.

#### **Cuyahoga County**

<b>Berea</b>	20	1600EST			0	0			<b>Hail(0.75)</b>
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Penny size hail was observed.

#### **Lorain County**

<b>North Portion</b>	20	1600EST 2300EST			0	0	2M		<b>Flash Flood</b>
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Severe thunderstorms tracked over the northern portions of Lorain County during the afternoon hours of the 20th. By late afternoon, another band of thunderstorms developed and tracked over this same area. Heavy rain was associated with both rounds of thunderstorms. Streets, parking lots, fields and homes quickly flooded. Some roads were reported to have a foot and a half of water flowing down them causing cars to float. By the end of the event, some roads had around three feet of standing water on them. Small streams left their banks leaving the standing water in the streets and yards no place to flow. Hundreds of homes and apartment units suffered from flooding. Basements of homes quickly filled up with water and apartment buildings with either ground floor or sub-ground floor units experienced extensive flood damage. Water began receding during the overnight hours of the 20th. North Ridgeville was hit hard with numerous reports of flooded homes and streets. By the end of this event, 5.80 inches of rain had fallen there. Elyria picked up 5.14 inches, and Grafton received 2.88 inches. In Avon, 4.5 inches of rain fell in around 90 minutes with a storm total of 3.27 inches in Vermilion.

#### **Geauga County**

<b>Bainbridge</b>	20	1610EST			0	0	1K		<b>Thunderstorm Wind (EG50)</b>
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A tree and a large limb was reported down.

#### **Lake County**

<b>Willoughby</b>	20	1620EST			0	0	2K		<b>Thunderstorm Wind (EG50)</b>
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Two large trees were reported down.

#### **Cuyahoga County**

<b>West Portion</b>	20	1700EST 2300EST			0	0	1.8M		<b>Flash Flood</b>
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Severe thunderstorms tracked over western portions of Cuyahoga County during the afternoon hours of the 20th. By late afternoon, a second band of thunderstorms developed and tracked over the same area. Heavy rain was associated with both rounds of storms. Flash flooding quickly developed as the rain overwhelmed the storm sewers. In North Olmsted, there were reports of water up to the first floor windows of several homes. Water quickly rose to at least 3 feet in depth in the Great Northern Shopping Mall parking lot submerging dozens of cars and causing others to stall. Floodwaters also flowed into the lower level of the shopping mall. Water along the Rocky River rose quickly at the Rocky River Reservation. A small bridge over the river became impassable with several



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### OHIO, North

inches of water flowing over it. A tunnel used for the transit system near Cleveland-Hopkins International Airport was also flooded. There were numerous reports of basement flooding. Several streets and highways from downtown Cleveland westward saw substantial flooding. Flood waters three to four feet deep were reported in many areas. Several vehicles were trapped or submerged in the flood waters. Officially for the day, Cleveland-Hopkins International Airport received 3.55 inches of rainfall. Report from other locations in western Cuyahoga County included 5.50 inches in Parma and 4.10 inches measured in North Olmsted.

#### **Erie County**

**2 SW Vermilion**

<b>20</b>	<b>1730EST</b>	<b>1847EST</b>			<b>0</b>	<b>0</b>	<b>30K</b>		<b>Flash Flood</b>
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A series of severe thunderstorms dumped heavy rains over the northern portion of Erie County. 3.27 inches of rain was measured at Vermilion in a short period of time. South and Mason Roads were reported to have a foot of water flowing across them.

#### **OHZ022**

#### **Portage**

<b>30</b>	<b>2100EST</b>				<b>0</b>	<b>0</b>	<b>325K</b>		<b>Flood</b>
<b>31</b>	<b>0800EST</b>								

The remnants of Hurricane Katrina dumped heavy rains on Portage County. The rain began during the morning of the 30th and continued into the 31st. Two day rainfall totals of 2 to 5 inches were reported across the county. A spotter in Randolph reported 5.3 inches of rain with 4.8 inches measured in Ravenna. Much of this rain fell during the evening hours of the 30th. A mobile home park east of Ravenna along State Route 59 had to be evacuated beginning at 10:19 p.m. after a nearby creek went into flood. Approximately 100 residents and 40 homes were affected by this flooding. Widespread lowland and urban flooding was reported elsewhere across the county. Several roads and streets had to be closed because of flooding. Dozens of homes and businesses sustained damage from basement of nuisance flooding.

#### **OHZ010>014-020>021-023-032**

#### **Lorain - Cuyahoga - Lake - Geauga - Ashtabula - Medina - Summit - Trumbull - Stark**

<b>30</b>	<b>2230EST</b>				<b>0</b>	<b>0</b>	<b>910K</b>		<b>Flood</b>
<b>31</b>	<b>0630EST</b>								

The remnants of Hurricane Katrina dumped locally heavy rains on portions of Northeast Ohio. The rain began during the morning hours of the 30th and tapered off after daybreak on the 31st. Rainfall totals during this period were generally 2 to 4 inches with locally heavier amounts. Much of this rain fell during the evening hours of the 30th. Some of the higher totals included 3.07 inches at Walton Hills (Cuyahoga); 3.53 inches at Lagrange (Lorain); 3.59 inches at Spencer (Medina); 3.08 at Portage Lakes (Summit); 3.74 inches at Concord (Lake); 3.97 inches at Conneaut (Ashtabula); 3.53 inches at Russell (Gauga); 4.40 inches at Mosquito Lake State Park (Trumbull) and 4.04 inches at North Lawrence (Stark). Officially, 2.42 inches of rain was recorded at Cleveland Hopkins Airport with 4.06 inches at the Akron-Canton Airport and 2.80 inches at the Youngstown-Warren Regional Airport. Widespread lowland and urban flooding was reported throughout Northeast Ohio. Numerous streams and rivers left their banks forcing the closure of several roads. A portion of Interstate 90 in Cleveland had to be briefly closed because of cars stranded in flood waters near the Lakeshore Boulevard exit. A school in North Ridgeville (Lorain) was damaged by flooding. Hundreds of homes and businesses sustained damage from either basement of nuisance flooding.

### PENNSYLVANIA, Northwest

#### **Crawford County**

**Westford**

<b>13</b>	<b>1441EST</b>				<b>0</b>	<b>0</b>	<b>4K</b>		<b>Thunderstorm Wind (EG50)</b>
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Several trees were reported down.

#### **Crawford County**

**Cochranton**

<b>13</b>	<b>1515EST</b>				<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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Penny size hail was observed.



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					Killed	Injured	Property	Crops	

**PENNSYLVANIA, Northwest**

**Crawford County**

**Cambridge Spgs**

**19 1645EST**  
Penny size hail was observed.

**0 0**

**Hail(0.75)**

**Crawford County**

**Centerville**

**19 1728EST**  
Penny size hail was observed.

**0 0**

**Hail(0.75)**