



National Weather Service

Storm Data and Unusual Weather Phenomena



November 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

LEZ162	Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border								
Maumee Bay to Reno Beach	06	0515EST 0645EST			0	0			Marine Tstm Wind (EG35)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border								
Reno Beach to The Islands	06	0515EST 0645EST			0	0			Marine Tstm Wind (EG35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border								
The Islands to Vermilion	06	0515EST 0645EST			0	0			Marine Tstm Wind (EG35)
LEZ142	Maumee Bay To Reno Beach Oh								
Maumee Bay to Reno Beach	06	0515EST 0645EST			0	0			Marine Tstm Wind (EG35)
LEZ143	Reno Beach To The Islands Oh								
Reno Beach to The Islands	06	0515EST 0645EST			0	0			Marine Tstm Wind (MG36)
LEZ144	The Islands To Vermilion Oh								
The Islands to Vermilion	06	0515EST 0645EST			0	0			Marine Tstm Wind (EG35)

A line of strong thunderstorms moved through northern Ohio during the early morning hours of the 6th. The northern portion of this line of storms passed over the southern portions of Lake Erie causing wind gusts of at least 35 knots over the lake. Along the lakeshore near Port Clinton, a wind gust of 36 knots was measured.

LEZ146	Avon Point To Willowick Oh								
Avon Point to Willowick	06	0645EST 0745EST			0	0			Marine Tstm Wind (EG35)
LEZ166	Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border								
Avon Point to Willowick	06	0645EST 0745EST			0	0			Marine Tstm Wind (EG35)
LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border								
Vermilion to Avon Point	06	0645EST 0745EST			0	0			Marine Tstm Wind (EG35)
LEZ167	Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border								
Willowick to Geneva-On-The-Lake	06	0645EST 0745EST			0	0			Marine Tstm Wind (EG35)
LEZ145	Vermilion To Avon Point Oh								
Vermilion to Avon Point	06	0645EST 0745EST			0	0			Marine Tstm Wind (EG35)
LEZ147	Willowick To Geneva On The Lake Oh								
Willowick to Geneva-On-The-Lake	06	0645EST 0745EST			0	0			Marine Tstm Wind (EG35)

Strong thunderstorms continued progressing east and tracking along the southern half of Lake Erie during the morning hours of the 6th. The thunderstorms eventually progressed onshore near Geneva-on-the-Lake and continued east over the land. Winds on the lake were estimated to be at least 35 knots as the thunderstorms passed overhead.

LEZ149	Conneaut Oh To Ripley Ny								
Ripley Ny	10	1300EST			0	0			Waterspout
LEZ169	Le Conneaut Oh To Ripley Ny Byd 5Nm Offshore To Intl Border								
Conneaut to Ripley Ny	10	1300EST			0	0			Waterspout

A waterspout was observed north of Erie over the lake during the early afternoon hours of the 10th.



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					Killed	Injured	Property	Crops	
<u>OHIO, North</u>									
Lucas County									
Toledo	06	0439EST			0	0			Thunderstorm Wind (MG54)
			A 62 mph wind gust was measured at Toledo Express Airport.						
Hancock County									
Mc Comb	06	0440EST			0	0	1K		Thunderstorm Wind (EG50)
			A few large limbs were reported down.						
Wood County									
Bowling Green	06	0505EST			0	0	35K		Thunderstorm Wind (EG50)
			Several utility poles and a barn were blown down.						
Sandusky County									
Woodville	06	0530EST			0	0	10K		Thunderstorm Wind (EG50)
			Two large tree limbs were reported down. Both fell on houses. One of the limbs also took down power lines.						
Seneca County									
Tiffin	06	0530EST			0	0	1K		Thunderstorm Wind (EG50)
			A few large limbs were reported down.						
Wyandot County									
Lovell	06	0530EST			0	0	50K		Thunderstorm Wind (EG50)
			Several barns in the area had their roofs blown off.						
Huron County									
5 W Norwalk	06	0540EST			0	0	2K		Thunderstorm Wind (EG50)
			Several large limbs were reported down.						
Erie County									
Castalia	06	0545EST			0	0	1K		Thunderstorm Wind (EG50)
			A few large limbs were reported down.						
Ottawa County									
Port Clinton	06	0545EST			0	0	15K		Thunderstorm Wind (EG50)
			Three trees were reported down. One of the trees fell onto a trailer.						
Marion County									
Marion	06	0605EST			0	0	1K		Thunderstorm Wind (EG50)
			A few large limbs were reported down.						
Wyandot County									
Sycamore	06	0615EST			0	0	1K		Thunderstorm Wind (EG50)
			A few large limbs were reported down.						
Seneca County									
Bloomville	06	0620EST			0	0	1K		Thunderstorm Wind (EG50)
			A few large limbs were reported down.						
Crawford County									
Galion	06	0630EST			0	0	1K		Thunderstorm Wind (EG50)
			A few large limbs were reported down.						
Huron County									
5 NE Willard	06	0645EST			0	0	10K		Thunderstorm Wind (EG50)
			A utility pole was snapped by thunderstorm winds. A large tree limb was also downed.						
Richland County									
Mansfield	06	0645EST			0	0	35K		Thunderstorm Wind (EG50)
			Several utility poles were downed from severe thunderstorm winds.						
Huron County									
Peru	06	0912EST			0	0	1K		Thunderstorm Wind (EG50)
			A few large limbs were reported down.						



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OHIO, North

Lorain County

Elyria Arpt **06** **0923EST** **0** **0** **1K** **Thunderstorm Wind (MG51)**
A 59 mph wind gust was measured at the Lorain Elyria Airport. A few large limbs were also reported down by law enforcement.

Lorain County

Lorain Co Regl Arpt **06** **0923EST** **0** **0** **Thunderstorm Wind (EG50)**
A 59 mph wind gust was reported.

Cuyahoga County

Westlake **06** **0955EST** **0** **0** **4K** **Thunderstorm Wind (EG50)**
One large tree and a large limb were reported down blocking a road.

Medina County

Lafayette **06** **1005EST** **0** **0** **2K** **Thunderstorm Wind (EG50)**
One tree and one large limb were reported down.

Cuyahoga County

North Royalton **06** **1015EST** **0** **0** **Hail(0.75)**
Penny size hail was observed.

Ashland County

Polk **06** **1020EST** **0** **0** **8K** **Thunderstorm Wind (EG50)**
A tree and a large limb were reported down. The tree fell on a vehicle causing damage

Lake County

Willoughby **06** **1050EST** **0** **0** **4K** **Thunderstorm Wind (EG50)**
A few trees were reported down.

Geauga County

Countywide **06** **1055EST**
 1105EST **0** **0** **15K** **Thunderstorm Wind (EG50)**
Numerous trees were reported down across the county.

Ashtabula County

Colebrook **06** **1120EST** **0** **0** **8K** **Thunderstorm Wind (EG50)**
Numerous trees and utility poles were reported down.

OHZ003-006>014-017>023 Lucas - Wood - Ottawa - Sandusky - Erie - Lorain - Cuyahoga - Lake - Geauga - Ashtabula - Hancock - Seneca - Huron - Medina - Summit - Portage - Trumbull

06 **0800EST**
 1800EST **0** **0** **410K** **High Wind (EG50)**

A very strong area of low pressure passed to the north of Lake Erie on November 6th. A cold front trailing the low swept east across northern Ohio and produced damaging winds. The front moved through the Toledo area around daybreak and reached the Interstate 71 corridor by midday. The front exited Ohio to the east during the afternoon. Westerly winds behind the front gusted in excess of 50 mph. Hundreds of trees were downed across northern Ohio. Fallen trees damaged several homes. There were also many reports of snapped power poles and downed lines resulting in scattered outages. Severe thunderstorms occurred ahead of the cold front and also caused considerable damage.

Richland County

Ontario to Mansfield **08** **1215EST**
 1230EST **0** **0** **Hail(0.75)**
Penny size hail was observed.

Marion County

2 NE Green Camp **08** **1445EST**
 1445EST **0** **0** **Hail(0.75)**
Penny size hail was observed.

OHZ012-014

Lake - Ashtabula
17 **0500EST**
 1800EST **0** **0** **175K** **Heavy Snow**



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OHIO, North

A strong cold front moved east across Ohio on the morning of November 16th. Eventually enough cold air filtered into the region behind this front to cause lake effect snow showers to develop over extreme Northeast Ohio. This occurred during the early morning hours of the 17th as gusty westerly winds blew across Lake Erie. The strongest bands of snow affected locations along and just south of the Lake Erie shoreline in Lake and Ashtabula Counties. The heaviest snow fell during the late morning hours with visibilities below one half mile for a couple hours. Westerly winds gusting to 30 mph accompanied the snow and caused considerable blowing and drifting snow. Locations along and north of Interstate 90 in Lake and Ashtabula Counties generally saw accumulations of 6 to 8 inches with lesser amounts further south. A peak total of 9.4 inches was measured in Lake County with a maximum of 10 inches at Ashtabula (Ashtabula County).

OHZ013>014

Geauga - Ashtabula

24	0400EST								
	1800EST			0	0	275K			Winter Storm

An Alberta Clipped passed to the north of Lake Erie during the evening hours of November 23rd. An arctic cold front trailing this low swept east across Ohio by the early morning hours of the 24th. Cold northwest winds behind this front caused lake effect snow showers to develop just before daybreak on the 24th. These bands quickly intensified and by mid-morning, visibilities in some areas were less than one quarter mile. Northwest winds gusting in excess of 30 mph accompanied the snow and caused considerable blowing and drifting. The snow showers tapered to flurries during the early evening hours. Snowfall totals of 6 to 9 inches were reported in both Geauga and inland Ashtabula Counties by sunset on the 24th. Then, after midnight on the 25th, an upper level disturbance rotated through the region. This caused a new round of lake effect snow showers to develop. This activity diminished during the afternoon of the 25th after another 6 to 9 inches of snow had fallen. Two day totals for this event exceed a foot of snow in many locations. A peak of 15.6 inches was measured in Hambden Township (Geauga County) with 14 inches at Hartsgrove (Ashtabula County).

Mahoning County

5 S Austintown	29	0310EST							
				0	0	4K			Thunderstorm Wind (EG50)

Two trees were reported down.

Trumbull County

Champion	29	0330EST							
				0	0	2K			Thunderstorm Wind (EG50)

Two large limbs were reported down.

PENNSYLVANIA, Northwest

PAZ001>003

Northern Erie - Southern Erie - Crawford

06	1400EST								
	2000EST			0	0	80K			High Wind (MG55)

A very strong area of low pressure passed to the north of Lake Erie on November 6th. A cold front trailing the low swept east across northwestern Pennsylvania during the afternoon hours. Westerly winds behind the front gusted in excess of 50 mph. Dozens of trees were downed in Erie and Crawford Counties. Power poles and lines were also downed resulting in scattered power outages. A peak gust of 63 mph was measured at Presque Isle between 3 and 5 p.m. Severe thunderstorms occurred ahead of the cold front and also caused considerable damage.

Erie County

Erie	09	1142EST							
				0	0				Hail(0.75)

Penny size hail was observed.

Erie County

Middleboro	09	1638EST							
				0	0				Hail(0.75)

Penny size hail was observed.

Erie County

North East	09	1640EST							
				0	0				Hail(0.75)

Penny size hail was observed.



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PENNSYLVANIA, Northwest

Crawford County

Titusville	09	1735EST			0	0	2K		Thunderstorm Wind (EG50)
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A few large limbs were reported down.

PAZ001>002

Northern Erie - Southern Erie

	17	0700EST			0	0	110K		Heavy Snow
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A strong cold front moved east across western Pennsylvania on the morning of November 16th. Eventually enough cold air filtered into the region behind this front to cause lake effect snow showers to develop over extreme Northwest Pennsylvania. This occurred just before daybreak on the 17th as gusty westerly winds blew across Lake Erie. The strongest bands of snow affected roughly the northern half of Erie County. The heaviest snow fell during the late morning hours with visibilities below one half mile for a couple hours. Westerly winds gusting to 30 mph accompanied the snow and caused considerable blowing and drifting snow. Locations along and north of Interstate 90 saw accumulations of 6 to 8 inches with lesser amounts further south

PAZ002>003

Southern Erie - Crawford

	24	0500EST			0	0	300K		Winter Storm
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An Alberta Clipped passed to the north of Lake Erie during the evening hours of November 23rd. An arctic cold front trailing this low swept east across Northwest Pennsylvania early on the 24th. Cold northwest winds behind this front caused lake effect snow showers to develop just before daybreak on the 24th. These bands quickly intensified and by mid-morning, visibilities in some areas were less than one quarter mile. Northwest winds gusting in excess of 30 mph accompanied the snow and caused considerable blowing and drifting. The snow showers tapered to flurries during the early evening hours. Snowfall totals of 8 to 16 inches were reported in both Crawford and inland Erie Counties by sunset on the 24th. Then, after midnight on the 25th, an upper level disturbance rotated through the region. This caused a new round of lake effect snow showers to develop. This activity diminished during the afternoon of the 25th after another 6 to 9 inches of snow had fallen. Two day totals for this event were 12 to 18 inches in many locations. A peak of 23.5 inches was measured at Corry (Erie County) with 19 inches at Meadville (Crawford County).

PAZ001

Northern Erie

	29	1115EST			0	0	50K		Flood
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A strong area of low pressure tracked across the central Great Lakes during the morning hours of the 29th. A trough extending from the low pressure center passed over Northwest Pennsylvania causing moderate to heavy rainfall through the early morning hours and into the afternoon of the 29th. Portions of State Route 5 were closed in Harbor Creek during the late morning hours. By early afternoon, there were seven homes in Harbor Creek that needed water pumped out of them.