



National Weather Service

Storm Data and Unusual Weather Phenomena



January 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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INDIANA, Southeast

INZ050-058>059-066-073>074 **Wayne - Fayette - Union - Franklin - Ripley - Dearborn**

	05	0715EST							
	06	0500EST			0	0	120K		Flood

A stationary frontal boundary draped across the Ohio Valley was the focusing mechanism for an extended period of heavy rain across east central and southeast Indiana. Many locations received two to three inches of rain in a 24-hour period, which increased flooding problems as the ground was already saturated from recent snowmelt. Widespread flooding of roads and low lying areas occurred across the region, with a number of streams rising out of their banks.

Dearborn County
Countywide

	05	2115EST							
	06	0500EST			0	0	10K		Flash Flood

Numerous roads were flooded, and several creeks rose out of their banks.

Franklin County
Laurel

	05	2115EST							
	06	0700EST			0	0	30K		Flash Flood

Numerous roads were flooded and closed in town. Several homes were evacuated along Jackson Stree.

Ohio County
Rising Sun

	05	2115EST							
	06	0500EST			0	0	10K		Flash Flood

Several roads in and around town were flooded and closed

Ripley County
Countywide

	05	2115EST							
	06	0400EST			0	0	10K		Flash Flood

Roads were flooded and closed, and several creeks and streams rose out of their banks.

Switzerland County
Countywide

	05	2115EST							
	06	0500EST			0	0	15K		Flash Flood

Several roads were washed out by the heavy rains.

INZ050-058>059-066-074 **Wayne - Fayette - Union - Franklin - Dearborn**

	20	1845EST							
		2142EST			0	0			Winter Storm

A clipper system tracked northwest to southeast through the Ohio Valley on the evening of the 20th. Portions of east central and southeast Indiana (especially the Whitewater Valley) received from 4 to 5 inches of snowfall in just a few hours time.

KENTUCKY, Northern

Bracken County
7 E Brooksville

	13	1300EST							
					0	0			Thunderstorm Wind (MG50)

Mason County
3 S Lewisburg

	13	1325EST							
		1328EST			0	0	3K		Thunderstorm Wind (EG50)

Several large tree limbs were downed along Mill Creek Road.

KYZ091>093-097>100 **Boone - Kenton - Campbell - Bracken - Robertson - Mason - Lewis**

	20	1957EST							
		2301EST			0	0			Winter Storm

A clipper system passed through the Ohio Valley on the evening of the 20th. Northern portions of Kentucky were in the immediate vicinity of the clipper that passed from west central Ohio through northeast Kentucky. Some spots close to the Cincinnati metropolitan area and the Ohio River reported 4 to 5 inches of snow accumulations with this event.



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OHIO, Southwest

OHZ026-034>035-042>046-051>056-060>065-070-070>071-071>072-072>074-074-077-077>078

Hardin - Mercer - Auglaize - Darke - Shelby - Logan - Union - Delaware - Miami - Champaign - Clark - Madison - Franklin - Licking - Preble - Montgomery - Greene - Fayette - Pickaway - Fairfield - Butler - Warren - Clinton - Ross - Hocking - Hamilton - Clermont

05	0715EST				0	0	585K		Flood
06	1000EST								

A stationary frontal boundary draped across the Ohio Valley was the focusing mechanism for an extended period of heavy rain across much of central and southern Ohio. Many locations received two to four inches of rain in a 24-hour period, which increased flooding problems as the ground was already saturated from recent snowmelt. Widespread flooding of roads and low lying areas occurred across the region, with numerous creeks and streams rising out of their banks. Several evacuations occurred near Buckeye Lake, and Interstate 70 was closed as the lake spilled across the eastbound lanes near the State Route 79 interchange in southern Licking county. Lake Saint Marys also rose out of its banks, flooding businesses in the southern part of Celina in Mercer county. Big Walnut Creek rose out of its banks in eastern Franklin county, causing significant flooding across the eastern Columbus suburbs, and specifically in the city of Gahanna

Butler County

New Miami

05	2200EST				0	0	20K		Flash Flood
06	0230EST								

Numerous roads were flooded and closed, and several homes were evacuated.

Clermont County

New Richmond

05	2200EST				0	0	10K		Flash Flood
06	0230EST								

US Route 52 was flooded and closed. High water entered several homes.

Hamilton County

**Miamitown to
Cleves**

05	2200EST				0	0	20K		Flash Flood
06	0230EST								

Several roads were flooded and closed across the western part of the county.

Warren County

Countywide

05	2200EST				0	0	20K		Flash Flood
06	0230EST								

Roads were flooded and closed, and several creeks and streams rose out of their banks.

OHZ026-034>035-042-044 Hardin - Mercer - Auglaize - Darke - Logan

05	1638EST				0	0			Winter Storm
	1749EST								

An area of rain overspread west central Ohio and portions of the northern Miami Valley. Temperatures were below freezing for the majority of this rain event...causing ice accumulations of a quarter to a half inch throughout the region during the daytime hours.

OHZ081

Adams

07	2326EST				0	0			Flood
08	0200EST								

An area of rain moved across south central Ohio during the evening hours, producing as much as an inch in some locations. With this rain falling on already saturated soils from recent rains, several roads were flooded in eastern Adams county.

OHZ034>035-042>046-051>056-060>065-070>074

Mercer - Auglaize - Darke - Shelby - Logan - Union - Delaware - Miami - Champaign - Clark - Madison - Franklin - Licking - Preble - Montgomery - Greene - Fayette - Pickaway - Fairfield - Butler - Warren - Clinton - Ross - Hocking

11	1800EST				0	0	295K		Flood
12	0600EST								

A widespread area of showers and thunderstorms ahead of a warm front affected much of central and western Ohio. One to three inches of rain fell across the region, exacerbating existing flooding from previous rains and snowmelt. The heaviest rainfall occurred from west central Ohio southeast through the Columbus area. Numerous roads and low lying areas were flooded, and a number of creeks and streams rose out of their banks.



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OHIO, Southwest

Pike County

Cynthiana	13	1405EST 1408EST			0	0	3K		Thunderstorm Wind (EG50)
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A couple of trees were knocked down.

Licking County

Newark	13	1440EST 1444EST			0	0	8K		Thunderstorm Wind (EG50)
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A roof was torn off of a home.

OHZ046-055>056

Delaware - Franklin - Licking

13		2040EST 2200EST			0	0			Flood
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An area of showers with embedded thunderstorms ahead of a cold front produced nearly an inch of rain across central Ohio during the evening. The rain fell on already saturated soils, and several roads were flooded and closed across the area. The Interstate 270/US Route 23 interchange on the south side of Columbus was closed because of high water.

OHZ042-060>062-070>072-077>081

Darke - Preble - Montgomery - Greene - Butler - Warren - Clinton - Hamilton - Clermont - Brown - Highland - Adams

20		1820EST 2142EST			0	0			Winter Storm
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A clipper system passed through the Ohio Valley on the evening of the 20th. By the morning of the 21st, there was a swath of 6 to 7 inches of snow extending from Greenville...through Dayton...Xenia...and Wilmington...to Scioto county in south central Ohio. Outside of this line...most areas received from 4 to 5 inches of snowfall.

OHZ026-034>035-043>045-052>054-054-056-063-065-074-082

Hardin - Mercer - Auglaize - Shelby - Logan - Union - Champaign - Clark - Madison - Licking - Fayette - Fairfield - Hocking - Pike

21		0000EST 0300EST			0	0			Winter Storm
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A clipper system tracked northwest to southeast through the Ohio Valley on the evening of the 20th. A swath of snow fell from the Miami Valley in west central Ohio to the Scioto Valley in south central Ohio. Much of the region received 4 to 6 inches of snowfall in just a few hours time...with a narrow band of 7 and 8 inch reports extending from Greenville through Dayton...Xenia...and Wilmington...to Portsmouth in Scioto county.

OHZ026-046-056-062>065-071>074-077>081

Hardin - Delaware - Licking - Greene - Fayette - Pickaway - Fairfield - Warren - Clinton - Ross - Hocking - Hamilton - Clermont - Brown - Highland - Adams

22		0650EST 1445EST			0	0			Winter Storm
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Low pressure tracked across west central and central Ohio during the morning hours. Ahead of the low...snow overspread the region...but the track went significantly further north. Enough warm air mixed in with the system that freezing rain occurred over south central and central Ohio...generally along and 30 miles east of the I-71 corridor between Cincinnati and Columbus. A quarter to a half inch of ice accumulation occurred in this region.