



National Weather Service

Storm Data and Unusual Weather Phenomena



December 2004

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

INDIANA, Southeast

INZ050-058>059-066-073>075-080 **Wayne - Fayette - Union - Franklin - Ripley - Dearborn - Ohio - Switzerland**

22	0800EST 1800EST		0	0	250K	Winter Storm
----	--------------------	--	---	---	------	---------------------

A surface and upper level low pressure center tracked northeast across the Ohio Valley on Wednesday, December 22nd and exited the region on the 23rd. A swath of heavy snow cut through southeast Indiana and into the Miami Valley of Ohio. 24 hour storm totals in this narrow band exceeded 2 feet in places, with almost all of southeast Indiana receiving over a foot of snow. Interstates were closed and motorists stranded, and the weight of the snow collapsed several roofs throughout the region.

KENTUCKY, Northern

KYZ089>099 **Carroll - Gallatin - Boone - Kenton - Campbell - Owen - Grant - Pendleton - Bracken - Robertson - Mason**

22	1800EST		0	0		Winter Storm
23	0100EST					

A surface and upper level low pressure center tracked northeast across the Ohio Valley on Wednesday, December 22nd and exited the region on the 23rd. West of a line from Monterey in Owen county to Williamstown, to north of Falmouth, over 4 inches of snow fell, with the highest amounts of 8 to 12 inches found along the Ohio River and the Cincinnati metropolitan area. Late in the day on the 22nd, warm air infiltrated the lower layers of the atmosphere and brought periods of freezing rain and sleet. Areas east of this line saw ice accumulations of a quarter to a half inch by the time the storm had ended on the 23rd.

OHIO, Southwest

OHZ026-034>035-042>046-051>056-060>065-070>073-077>081 **Hardin - Mercer - Auglaize - Darke - Shelby - Logan - Union - Delaware - Miami - Champaign - Clark - Madison - Franklin - Licking - Preble - Montgomery - Greene - Fayette - Pickaway - Fairfield - Butler - Warren - Clinton - Ross - Hamilton - Clermont - Brown - Highland - Adams**

22	0820EST		0	0	451K	Winter Storm
23	0300EST					

A surface and upper level low pressure center tracked northeast across the Ohio Valley on Wednesday, December 22nd and exited the region on the 23rd. A swath of heavy snow cut through southeast Indiana and into the Miami Valley of Ohio. 24 hour storm totals in this narrow band exceeded 2 feet in Preble and Darke counties. Snowfall totals of 20 inches or more were found along a line generally running from Eaton to Greenville, Piqua, Sidney, and Bellefontaine. Along and west of the I-71 corridor between Cincinnati and Columbus...over 8 inches of snow fell. East of this line, warm air infiltrated the lower layers of the atmosphere and brought periods of freezing rain and sleet during the evening and overnight hours. A quarter inch or more of ice occurred along a line from Batavia to Hillsboro, to Circleville and Newark. Several communities in south central and central Ohio were crippled by power outages. Up to 236,000 electric customers were without power for several hours, some lasting up to a week before it was restored. At one point in time, 90% of Highland county was without power, and parts of Adams county were without water for a week. The Ohio Insurance Agency estimated the damage to all of Ohio from this storm to be on the order of 85 million dollars, including over 25 million dollars in property damage.