



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		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

INDIANA, Northwest

INZ001>002-011

Lake - Porter - Jasper

18 1800CST
19 2100CST

0 0

Heavy Snow

A very cold arctic high pressure system accompanied by north winds moving over the relatively warm Lake Michigan waters led to a significant lake effect snow event for Lake, Jasper and Porter Counties in northwestern Indiana. The event began early in the evening of Saturday December 18 and came to an end late in the evening of December 19. At the time that the snow began, air temperatures were in the upper teens, and dropped into the low single digits by Sunday morning. The Lake Michigan surface water temperature was in the upper 30s.

Between 6:00 PM Saturday December 18 and 9:00 PM December 19, the following snowfall totals were measured by cooperative observers, the Chicago Area Snowfall Team and Ham radio operators:

Jasper County:

Wheatfield...7.0 inches
De Motte...4.0 inches

Lake County:

1 mile E of Crown Point...6.0 inches

Porter County:

3 miles SE of Valparaiso...16.4 inches
Chesterton...13.0 inches
Hebron...10.0 inches
3 miles S of Chesterton...10.0 inches
5 miles NNE of Valparaiso...9.3 inches
Portage...4.0 inches