INDIANA, Northwest

INZ001>002-011  Lake - Porter - Jasper

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