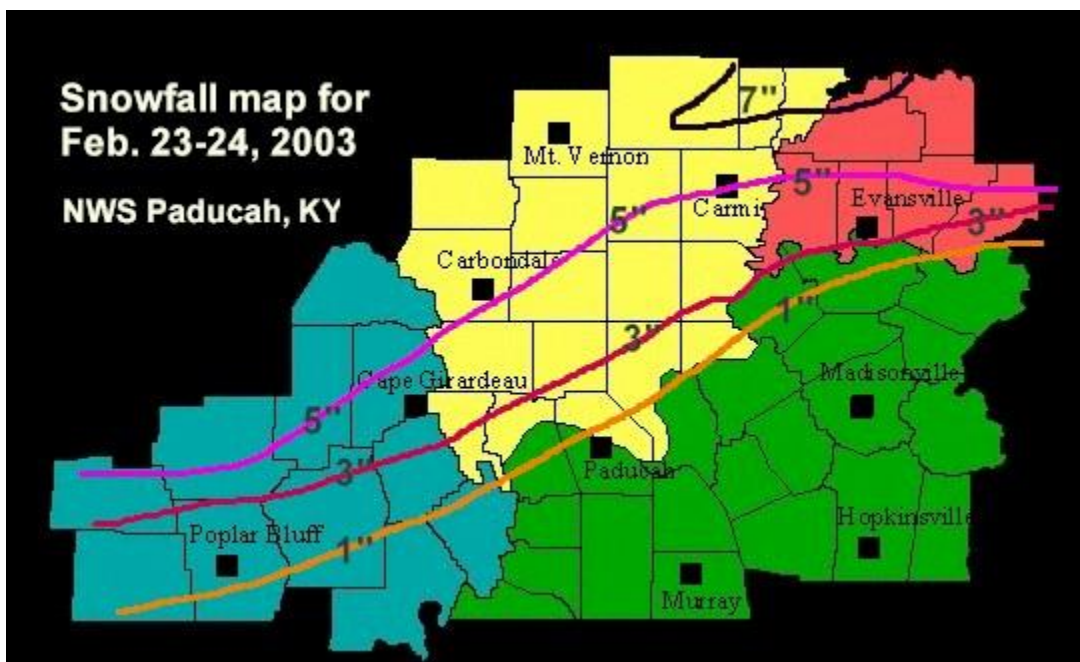


Heavy Snow, Feb. 23-24, 2003

This heavy snow event occurred mainly over southwest Indiana, southern Illinois, and northern parts of southeast Missouri. Four to eight inches of snow fell within 8 hours. Visibility was one quarter mile or less during the heaviest snow bursts. The heavy snowfall rates were accompanied by thunder and lightning in a few spots. Thunder was observed at the Paducah National Weather Service during a snow shower. The precipitation fell mainly as rain across western Kentucky, limiting accumulations to less than an inch along the Ohio River, and nothing near the Tennessee border. The photo below, courtesy of Charlie Kiesel, was taken in Fort Branch, Indiana on the morning after the storm.



The heavy snow was caused by an intense upper level disturbance that moved east-northeast from Oklahoma. The surface low pressure system tracked northeast from Arkansas into south central Kentucky during the night of February 23. The snowfall graphic below shows general accumulations across the area. Some amounts were locally higher or lower than indicated on the map. See the listing below for specific reports by location.



The following are accumulations of sleet, snow, and ice reported mostly by cooperative observers, spotters, and emergency managers.

ILLINOIS	
Keensburg, IL (Wabash Co.)	7.0 inches
Grayville, IL (Edwards Co.)	6.3 inches
Mount Carmel, IL (Wabash Co.)	6.0 inches
Pinckneyville, IL (Perry Co.)	6.0 inches
Fairfield, IL (Wayne Co.)	5.5 inches
Plumfield, IL (Franklin Co.)	5.5 inches
West Frankfort, IL (Franklin Co.)	5.3 inches
5 NE of Dahlgren (Hamilton Co.)	5.0 inches
Carbondale (Jackson Co.)	4.5 inches
Dix (Jefferson Co.)	4.5 inches
Shawneetown (Gallatin Co.)	4.0 inches
Harrisburg (Saline Co.)	3.8 inches
Cobden (Union Co.)	3.5 inches
Metropolis (Massac Co.)	1.0 inches

INDIANA	
Hazelton (Gibson Co.)	8.0 inches
Boonville, IN (Warrick Co.)	6.0 inches
Petersburg (Pike Co.)	5.5 inches
St. Philip (Posey Co.)	4.8 inches
Chrisney (Spencer Co.)	4.0 inches
Evansville - downtown	4.0 inches
Evansville - airport	3.0 inches
Fort Branch (Gibson Co.)	3.8 inches
St. Meinrad (Spencer Co.)	3.0 inches
Grandview (Spencer Co.)	2.0 inches

KENTUCKY	
Uniontown (Union Co.)	5.0 inches
Morganfield (Union Co.)	1.0 inches
Sebree (Webster Co.)	1.0 inches
NWS Paducah (McCracken Co.)	0.5 inches
Owensboro	Trace

MISSOURI	
Clearwater Dam (Wayne Co.)	6.0 inches
Piedmont (Wayne Co.)	6.0 inches
Ellsinore (Carter Co.)	5.0 inches
Perryville (Perry Co.)	5.0 inches
Jackson (Cape Girardeau Co.)	4.5 inches
Chaffee (Scott Co.)	4.0 inches
Marble Hill (Bollinger Co.)	4.0 inches
Scott City (Scott Co.)	3.5 inches
Cape Girardeau	3.5 inches
Van Buren (Carter Co.)	3.0 inches
Zalma (Bollinger Co.)	3.0 inches
Wappapello (Wayne Co.)	2.5 inches
Brownwood (Stoddard Co.)	2.0 inches
Poplar Bluff (Butler Co.)	1.5 inches
Doniphan (Ripley Co.)	1.0 inches

Photos of the snow accumulation taken the morning after the storm. First photo taken along Route 130 in Grayville, IL courtesy of Norm Bredenkamp. Second photo taken at Fort Branch, Indiana by Charlie Kiesel.

