

Summary for February 8-10 2010

In the wake of the historic Mid Atlantic snowfall just a few days earlier, another significant system affected much of the region. A very strong northern stream closed low dropped southeastward across the Northern Plains and Midwest, spreading a batch of heavy snow mostly in the 5-10 inch range from Minnesota and Iowa to lower Michigan and Ohio. Lake-enhanced snow near the southeast shore of Lake Michigan resulted in some 1 foot plus totals. The upper system encountered the strong southern stream jet and additional embedded energy, and developed into a deep mid to upper circulation over the Ohio Valley and Mid Atlantic. A coastal low quickly formed and deepened rapidly near the Mid Atlantic coast before tracking east-northeast out to sea. Strong dynamic support and moist Atlantic inflow reached into the Mid Atlantic region, resulting in near blizzard conditions and snow totals of 1 foot or more from the New York City area to Washington, DC. Many areas had yet to recover from the historic snowfall just a few days prior to this event. This storm pushed the seasonal snowfall total to record levels for a number of cities in this region. This storm was rated as a NESIS (Northeast Snowfall Impact Scale) category 2 (significant) event. Model guidance verified well within 3-4 days of this event.

Snowfall totals in inches:

New York (Central Park)	10.0
Philadelphia	15.8
Baltimore	19.5
Washington (DCA)	10.8