

## Storm Data and Unusual Weather Phenomena - February 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### IOWA, Southwest

(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE

02/14/10 10:00 CST	0	Winter Weather
02/15/10 07:00 CST	0	

A quick moving storm brought light snow and strong winds with near-blizzard conditions to western Iowa on Feb. 14th and 15th. As low pressure aloft dropped southeast across eastern Nebraska early on the 14th, light to moderate snow developed over the region. As the system moved southeast of the area, northwest winds increased to 30 to 45 mph. The combination caused periods of white-out conditions, even though storm snow amounts were generally under 2 inches. During the height of the storm there were several multi-car pileups which caused road closures, including one on Interstate 29 which closed it north of Missouri Valley from the afternoon of the 14th into the morning of the 15th. After a brief break in the snow during the early evening of the 14th another disturbance rotated down along the Missouri River late in the evening on the 14th bringing more light snow as the strong winds continued. Additional snowfall from this disturbance was generally under 1 inch. However, the strong winds continued to cause significant drifting snow keeping some roads closed into the 15th.

### NEBRASKA, East

(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z042) PLATTE

02/08/10 09:00 CST	0	Cold/Wind Chill
02/08/10 11:00 CST	0	

Arctic high pressure pushed down across the region during the morning of Feb. 8th. Temperatures in northeast Nebraska fell to around zero and when combined with northwest winds of 20 to 30 mph wind chill values dropped to 20 below to 25 below zero for several hours.

(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z066) LANCASTER, (NE-Z067) CASS

02/14/10 04:00 CST	0	Winter Weather
02/15/10 06:00 CST	0	

(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z042) PLATTE, (NE-Z050) BUTLER, (NE-Z065) SEWARD, (NE-Z078) SALINE, (NE-Z089) GAGE

02/14/10 06:00 CST	0	Blizzard
02/14/10 14:00 CST	0	

A quick moving storm brought strong winds and blizzard or near-blizzard conditions to a large part of eastern Nebraska and western Iowa on Feb. 14th and 15th. As low pressure aloft dropped southeast across eastern Nebraska early on the 14th, light to moderate snow developed over the region. As the system moved southeast of the area, northwest winds increased to 30 to 45 mph. The combination caused white-out conditions, which in some cases lasted for more than 3 hours, even though storm snow amounts were generally under 2 inches. During the height of the storm there were several multi-car pileups which caused road closures. They included ones on Interstate 80 near the Platte River, and on highways near Cedar Bluffs, Beatrice, David City, Alvo and Milford. The accident on Interstate 80 claimed one life. Another disturbance rotated down along the Missouri River late in the evening on the 14th bringing more light snow as the strong winds continued. Additional snowfall from this disturbance was generally under 1 inch. However, the strong winds continued to cause significant drifting snow in open areas causing more accidents, several of which were fatal, and also caused additional road closures. Many of the closed roads were in northeast Nebraska which also prompted the closure of several area schools.

(NE-Z091) NEMAHA, (NE-Z093) RICHARDSON

02/21/10 07:00 CST	0	Winter Storm
02/21/10 19:00 CST	0	

A relatively weak upper level disturbance moved across the southern plains from late on the 20th into the 21st and brought snow to southeast Nebraska. Although only 3 to 5 inches of snow fell across the southeast corner, it was accompanied by north winds of 20 to 30 mph. This caused extensive blowing and drifting snow which made some roads nearly impassable and prompted several schools in the region to close on the 22nd. Visibilities also dropped to 1/2 mile or less for a while during the height of the storm.