

Storm Data and Unusual Weather Phenomena - March 2014

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, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE

03/02/14 00:00 CST	0	Cold/Wind Chill
03/02/14 12:00 CST	0	

Arctic high pressure that pushed south into eastern Nebraska and western Iowa March 1st and 2nd brought record cold temperatures to the region on north winds of 10 to 20 mph. Air temperatures fell below zero during the overnight hours of March 1st and struggled to climb above zero on March 2nd. In fact, the highs on March 2nd were the coldest on record for most locations for any March day. The brisk winds and cold temperatures combined to lower wind chill values down to 20 below to 29 below zero.

(IA-Z056) SHELBY

03/26/14 13:00 CST	15K	Strong Wind (MAX 44 kt)
03/26/14 19:00 CST	0	

Strong high pressure that moved east across the Mississippi Valley combined with developing low pressure over the western plains and brought very strong south winds to eastern Nebraska and western Iowa during the afternoon and early evening hours of March 26th. Sustained winds were 30 to 40 mph with some gusts of 55 to 65 mph. The winds brought areas of blowing dust, in some cases reducing visibilities to below a mile, and also caused scattered damage.

NEBRASKA, East

(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER, (NE-Z067) CASS

03/01/14 19:00 CST	0	Cold/Wind Chill
03/02/14 12:00 CST	0	

Arctic high pressure that pushed south into eastern Nebraska and western Iowa March 1st and 2nd brought record cold temperatures to the region on north winds of 10 to 20 mph. Air temperatures fell below zero during the overnight hours of March 1st and struggled to climb above zero on March 2nd. In fact, the highs on March 2nd were the coldest on record for most locations for any March day. The brisk winds and cold temperatures combined to lower wind chill values down to 20 below to 29 below zero.

(NE-Z066) LANCASTER

03/09/14 14:00 CST	0	Wildfire
03/09/14 18:00 CST	1	0

Temperatures that reached the 70s combined with low dew points and southwest winds gusting over 40 mph brought conditions favorable for spreading of wildfires across eastern Nebraska during the afternoon of March 9th. Several wildfires were reported across the region, including one that burned nearly 1,000 acres northwest of Lincoln near Branched Oak Lake.

(NE-Z065) SEWARD, (NE-Z066) LANCASTER

03/15/14 14:00 CST	0.35M	Wildfire
03/15/14 21:30 CST	0	

Dry and warm conditions, along with gusty southwest winds, help fuel several fires near Lincoln. Temperatures that reached around 70 degrees combined with dew point readings in the teens to lower 20s lowered relative humidity values to less than 20 percent for several hours from late in the morning through mid afternoon on March 15th. Winds were southwest at 15 to 30 mph, but shifted to the northeast at 30 to 45 mph as a cold front pressed south by mid to late afternoon. The cooler air helped raise relative humidity readings, but only marginally until early evening when temperatures cooled more significantly. Several fires in the area quickly burned out of control due to the dry, windy weather. One near Lincoln, of unknown origin, caused around \$200,000 worth of damage and threatened many structures was contained before doing much more damage. The other significant fire, in Seward county west of Lincoln, started when a controlled burn got out of control. This fire burned around 1,000 acres. In all it was estimated that at least a half dozen "good-sized grassfires in southeast Nebraska this day according to a Lincoln fire investigator.

(NE-Z034) BURT, (NE-Z052) DOUGLAS, (NE-Z066) LANCASTER

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/26/14 13:00 CST		0	High Wind (MAX 56 kt)
	03/26/14 19:00 CST		0	

Strong high pressure that moved east across the Mississippi Valley combined with developing low pressure over the western plains and brought very strong south winds to eastern Nebraska and western Iowa during the afternoon and early evening hours of March 26th. Sustained winds were 30 to 40 mph with some gusts of 55 to 65 mph. The winds brought areas of blowing dust, in some cases reducing visibilities to below a mile, and also caused scattered damage.