

Storm Data and Unusual Weather Phenomena - October 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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NEBRASKA, East

SALINE COUNTY --- 3.6 SE DE WITT [40.36, -96.88], 1.5 S DE WITT [40.38, -96.92], 3.8 W DE WITT [40.41, -96.99], 5.6 S DORCHESTER [40.57, -97.12], 2.3 S DORCHESTER [40.62, -97.12], 2.3 NW SHESTAK [40.55, -97.00]

10/22/08 11:38 CST	10K	Flood (due to Heavy Rain)
10/26/08 18:30 CST	0	Source: Official NWS Observations

Rainfall of 2 to 3 inches fell over much of the Turkey Creek basin on October 21 and October 22. The rain caused Turkey Creek to flood from near DeWitt to near and upstream of Wilber. Turkey Creek near Wilber reached its first crest of around 12.7 feet during the late morning hours of October 23. Due to heavy rains that fell on the 21st and 22nd across the upper reaches of the basin, the creek remained near that elevated level through mid afternoon on the 26th. Flood stage is 11 feet. Although a few county roads were flooded, the flooding mainly affected agricultural farmland.

SALINE COUNTY --- CRETE [40.63, -96.95], 0.6 E DE WITT [40.40, -96.91], 2.5 SW DE WITT [40.38, -96.96], 4.7 NW CRETE [40.68, -97.01], 4.4 N CRETE [40.69, -96.96]

10/22/08 13:44 CST	10K	Flood (due to Heavy Rain)
10/25/08 03:15 CST	0	Source: Official NWS Observations

Rainfall of 2 to 3 inches fell over much of the middle and upper sections of the Big Blue River basin on October 21 and October 22. The rain caused the Big Blue River to flood for a prolonged period from Crete downstream to near DeWitt. The river near Crete crested at 21.7 feet around 915 pm CDT on 10/24, flood stage is 18 feet. The flooding affected agricultural farmland and also closed a few county roads in the area.

SEWARD COUNTY --- 2.5 SSE GROVER [40.75, -97.01], 2.0 S MILFORD [40.74, -97.05], 4.9 SSE MILFORD [40.70, -97.02], 6.0 SE MILFORD [40.70, -96.98]

10/22/08 13:44 CST	10K	Flood (due to Heavy Rain)
10/25/08 03:15 CST	0	Source: Official NWS Observations

Rainfall of 2 to 3 inches fell over much of the middle and upper sections of the Big Blue River basin on October 21 and October 22. The rain caused the Big Blue River to flood for a prolonged period from near Milford downstream to around DeWitt, which is in Saline County. The river near Crete, which is in Saline county, crested at 21.7 feet around 915pm CDT on 10/24, flood stage is 18 feet. The flooding affected agricultural farmland, closed a few county roads in the area and caused the delay of local bridge construction just south of Milford which was damaged by flooding over the summer.

SAUNDERS COUNTY --- 1.5 ENE ASHLAND [41.06, -96.35], 1.8 SW ASHLAND [41.03, -96.41], 3.0 W WAHOO [41.21, -96.68], 1.3 W WAHOO ARPT [41.25, -96.62], 2.6 S MEAD [41.19, -96.51]

10/22/08 15:00 CST	25K	Flood (due to Heavy Rain)
10/24/08 06:00 CST	0	Source: Official NWS Observations

Rainfall of 2 to 3 inches fell across much of Saunders county on 10/21 and 10/22. The heavy rain caused Sand Creek to flood around Wahoo and Wahoo Creek to flood from near Wahoo downstream through Ithaca to around Ashland. Several county roads were flooded in this area as was Highway 92 west of Wahoo and Highway 77/92 near its Jct with Highway 109 east of town. The flooding washed the gravel off of several county roads but otherwise damage was minimal and was restricted to river lowlands.

A large and slow moving upper level system brought widespread heavy rain to a large part of eastern Nebraska on October 21 and October 22. Rainfall of 1.5 to 3 inches was common for the 24 hours ending 7am CDT October 22 over the Turkey Creek, the middle and upper sections of the Big Blue River and the Wahoo Creek basins. The heavy rain caused flooding along Turkey Creek near Wilber, along Sand and Wahoo Creeks near Wahoo and Ithaca and the Big Blue River from around Milford downstream through its confluence with Turkey Creek.

(NE-Z030) BOONE, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z052) DOUGLAS, (NE-Z065) SEWARD, (NE-Z067) CASS, (NE-Z078) SALINE, (NE-Z089) GAGE

10/26/08 11:44 CST	0	High Wind (MAX 51 kt)
10/26/08 15:00 CST	0	

A Canadian air mass plunged southeast into the Central Plains during the late morning and afternoon hours of October 26th as temperatures in the 30s and 40s replaced 60s to around 70 which were observed the previous afternoon. The cold air was ushered into the region on northwest winds that were sustained at 30 to 35 mph with gusts of 45 to 55 mph. A few wind gusts reached high wind criteria of 58 mph or greater for a brief period.