

Storm Data and Unusual Weather Phenomena - October 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Southwest				
FREMONT COUNTY --- 2.2 NW PERCIVAL [40.78, -95.82], 3.5 SSW PERCIVAL [40.71, -95.83], 2.6 S PAYNE [40.63, -95.76], 4.8 W HAMBURG REIDS ARPT [40.59, -95.74], 6.0 SSW PAYNE [40.59, -95.78], 5.3 SW PERCIVAL [40.69, -95.86], 5.3 W PERCIVAL [40.75, -95.90], 3.6 WNW PERCIVAL [40.77, -95.86]				
	10/01/10 00:00 CST		0	Flood (due to Heavy Rain)
	10/08/10 09:15 CST		0	Source: Official NWS Observations

This flooding carried over from September when periodic heavy rain events combined with increased releases from upstream reservoirs and high rivers in northwest Iowa. The Missouri River at Rulo began the month a little over 17.5 feet, flood stage is 17 feet. The river gradually rose to a little over 18 feet during the evening of the 3rd before slowly falling, eventually below flood stage by late in the evening on the 9th. Mainly agricultural lowlands were affected by the minor flooding.

Flooding along the Missouri River continued from September, mostly from around Nebraska City downstream through Rulo. The flooding was the result of persistent high water from periodic heavy summer and early fall rains which also facilitated high releases from upstream reservoirs.

NEBRASKA, East				
NEMAHA COUNTY --- 2.8 NNE PERU [40.52, -95.72], 3.4 SE PERU [40.44, -95.69], 0.6 E NEMAHA [40.33, -95.66], 3.2 SSE NEMAHA [40.28, -95.65], 7.1 SE NEMAHA [40.27, -95.56], 6.3 ESE NEMAHA [40.30, -95.56]				
	10/01/10 00:00 CST		1K	Flood (due to Heavy Rain)
	10/17/10 11:15 CST		0	Source: Official NWS Observations

This flooding carried over from September when periodic heavy rain events combined with increased releases from upstream reservoirs and high rivers in northwest Iowa. The Missouri River at Brownville began the month a little under 35 feet, flood stage is 32 feet. The river gradually rose to a little over 35 feet on the 3rd and 4th before slowly falling eventually falling below flood stage around noon CDT on the 17th. The flooding mainly affected agricultural lowlands near the river.

OTOE COUNTY --- 7.8 N NEBRASKA CITY ARPT [40.78, -95.85], 4.8 NNE ELBERON [40.73, -95.92], 1.5 ENE NEBRASKA CITY [40.66, -95.83], 3.6 ESE NEBRASKA CITY [40.64, -95.78], 4.4 ESE PAUL [40.55, -95.80], 2.6 NNW PERU [40.52, -95.75], 3.2 NNE PERU [40.52, -95.70]				
	10/01/10 00:00 CST		1K	Flood (due to Heavy Rain)
	10/08/10 09:15 CST		0	Source: Official NWS Observations

This flooding carried over from September when periodic heavy rain events combined with increased releases from upstream reservoirs and high rivers in northwest Iowa. The Missouri River at Nebraska City began the month a little over 18.5 feet, flood stage is 18 feet. The river gradually rose to a little over 19 feet early on the 4th before slowly falling, eventually below flood stage by the morning of Oct. 8th. Mainly agricultural lowlands near the river were affected.

RICHARDSON COUNTY --- 3.1 N BARADA [40.26, -95.57], 5.4 N RULO [40.13, -95.45], 0.8 WSW RULO [40.05, -95.45], 5.5 SE RULO [40.00, -95.35], 7.6 ESE RULO [40.01, -95.30], 6.3 NNE RULO [40.13, -95.38], 6.5 ENE BARADA [40.25, -95.47]				
	10/01/10 00:00 CST		1K	Flood (due to Heavy Rain)
	10/10/10 22:00 CST		0	Source: Official NWS Observations

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(NE-Z016) ANTELOPE, (NE-Z044) DODGE, (NE-Z066) LANCASTER				
	10/27/10 10:00 CST		9K	Strong Wind (MAX 47 kt)
	10/27/10 14:00 CST	1	0	

One of the deepest low pressure systems ever recorded in the United States brought strong winds to eastern Nebraska and southwest Iowa on Oct. 27th. Winds were sustained in the 30 to 35 mph range for several hours with gusts of 45 mph to a little over 50 mph common. The strong winds caused several high profile vehicles to overturn in eastern Nebraska.

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