

Storm Data and Unusual Weather Phenomena - October 2014

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

FREMONT COUNTY --- 2.2 NNW RIVERTON [40.71, -95.59], 2.6 NW RIVERTON [40.71, -95.60], 3.4 WSW RIVERTON [40.65, -95.63], 3.0 SW RIVERTON [40.66, -95.62], 1.4 WNW RIVERTON [40.69, -95.60]

10/01/14 12:12 CST	5K	Flood (due to Heavy Rain)
10/02/14 22:53 CST	10K	Source: River/Stream Gage

Heavy rainfall in late September led to river flooding into early October along the West Nishnabotna River . The river rose to flood stage in the afternoon on the 1st, crested in the early morning on the 2nd, and fell below flood stage later that evening. The flooding was minor and confined to low-lying areas along the river.

MONTGOMERY COUNTY --- 2.7 N STENNETT [41.12, -95.20], 2.9 N COBURG [40.96, -95.29], 3.3 NNE COBURG [40.96, -95.25], 0.7 NNE RED OAK [41.03, -95.23], 2.2 S ELLIOTT [41.12, -95.17]

10/01/14 14:55 CST	5K	Flood (due to Heavy Rain)
10/02/14 00:10 CST	10K	Source: River/Stream Gage

Heavy rainfall in late September led to river flooding into early October along the East Nishnabotna River. The river rose to flood stage in the afternoon on the 1st, crested in the evening, and fell below flood stage just after midnight on the 2nd. The flooding was minor and confined to low-lying areas along the river.

FREMONT COUNTY --- 4.5 WSW PERCIVAL [40.73, -95.88], 4.2 W PAYNE [40.67, -95.83], 1.8 SW PAYNE [40.65, -95.77], 3.4 WSW PERCIVAL [40.73, -95.86], 2.4 NW PERCIVAL [40.78, -95.83]

10/01/14 18:15 CST	0	Flood (due to Heavy Rain)
10/01/14 19:15 CST	10K	Source: River/Stream Gage

Heavy rainfall in late September led to river flooding into early October along the Missouri River. The river briefly rose to flood stage in the evening on the 1st, crested just above flood stage and fell below flood stage on the same evening. The flooding was minor and confined to low-lying areas along the river.

MONTGOMERY COUNTY --- 26.1 SSW CLIMAX [40.59, -95.63], 26.6 SSW CLIMAX [40.59, -95.65], 25.4 SSW CLIMAX [40.61, -95.65], 23.4 SSW CLIMAX [40.63, -95.63], 23.2 SSW CLIMAX [40.63, -95.62]

10/01/14 23:41 CST	5K	Flood (due to Heavy Rain)
10/02/14 20:04 CST	10K	Source: River/Stream Gage

Heavy rainfall in late September led to river flooding into early October along the Nishnabotna River. The river rose to flood stage in the late evening of the 1nd, crested in the afternoon of the 2nd, and fell below flood stage that afternoon. The flooding was minor and confined to low-lying areas along the river.

MONTGOMERY COUNTY --- 17.7 SSW CLIMAX [40.70, -95.57], 17.5 SSW CLIMAX [40.69, -95.55], 18.2 SSW CLIMAX [40.69, -95.57], 19.9 SSW CLIMAX [40.67, -95.59], 19.7 SSW CLIMAX [40.68, -95.59]

10/02/14 03:30 CST	5K	Flood (due to Heavy Rain)
10/02/14 14:22 CST	10K	Source: River/Stream Gage

Heavy rainfall in late September led to river flooding into early October along the East Nishnabotna River. The river rose to flood stage in the early morning of the 2nd, crested later that morning, and fell below flood stage in the mid afternoon. The flooding was minor and confined to low-lying areas along the river.

Heavy rainfall from repeated thunderstorms in late September caused a number of rivers in eastern Nebraska and western Iowa to go into flood. Much of the flooding was minor, but flooding along the Salt Creek and associated tributaries was more significant and in some locations exceeded 100 and 200 year return intervals.

NEBRASKA, East

LANCASTER COUNTY --- 8.0 NE WAVERLY [41.02, -96.43], 1.1 NW ARBOR [40.91, -96.69], 0.6 N COBB [40.76, -96.80], 0.8 SSE JAMAICA [40.69, -96.68], 8.5 NE WAVERLY [41.00, -96.40]

10/01/14 01:10 CST	0.10M	Flood (due to Heavy Rain)
10/01/14 18:08 CST	0.20M	Source: River/Stream Gage

Heavy rainfall at the end of September caused the Salt Creek and many of it's tributaries to go into flood. The flooding included the main stem of the Salt Creek, Little Salt Creek, and Stevens Creek. The creek is a fast response creek and rose above flood stage early in the morning on the 1st, crested in most locations during the early morning hours and fell below flood stage by afternoon or early evening. Most of the flooding along the system was minor, but the flooding along the main stem of the Salt Creek at Greenwood reached major stage. The flooding along the system was at a return interval of 100 years, and in some spots it was a 200 year flood. Numerous roads were closed due to flooding.

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SALINE COUNTY --- 3.0 NNW CRETE [40.67, -96.96], 3.6 NW CRETE [40.67, -96.99], 2.3 N SHESTAK [40.56, -96.96], 3.1 NNE SHESTAK [40.57, -96.94]				
	10/01/14 03:16 CST		5K	Flood (due to Heavy Rain)
	10/01/14 14:22 CST		10K	Source: River/Stream Gage
Heavy rainfall at the end of September caused the Big Blue River to go into flood. The river rose above flood stage in the early morning on the 1st, crested that morning, and fell below flood stage in the afternoon. The river flooding was minor and mainly confined to low-lying areas along the river.				
SALINE COUNTY --- 2.1 SW SHESTAK [40.51, -97.00], 1.4 WNW WILBER MUNI ARPT [40.48, -97.00], 1.5 S WILBER MUNI ARPT [40.45, -96.98], 2.1 SW WILBER MUNI ARPT [40.45, -97.01], 2.9 WSW SHESTAK [40.51, -97.02]				
	10/01/14 04:34 CST		5K	Flood (due to Heavy Rain)
	10/02/14 08:15 CST		10K	Source: River/Stream Gage
Heavy rainfall at the end of September caused the Turkey Creek to go into flood. The river rose above flood stage in the early morning on the 1st, crested in the early afternoon on the 1st, and fell below flood stage in the morning of the 2nd. The river flooding was minor and mainly confined to low-lying areas along the river.				
SAUNDERS COUNTY --- 40.4 NE CRETE ARPT [41.10, -96.47], 41.3 NE CRETE ARPT [41.10, -96.46], 41.3 NE CRETE ARPT [41.07, -96.39], 41.9 NE CRETE ARPT [41.05, -96.35], 41.2 NE CRETE ARPT [41.04, -96.36]				
	10/01/14 09:21 CST		5K	Flood (due to Heavy Rain)
	10/02/14 21:42 CST		10K	Source: River/Stream Gage
Heavy rainfall at the end of September caused the Wahoo Creek to go into flood. The creek rose above flood stage in the early morning on the 1st, crested in the early afternoon on the 1st, and fell below flood stage that evening. The river flooding was minor and mainly confined to low-lying areas along the river.				
NEMAHA COUNTY --- 14.6 SE PAUL [40.44, -95.66], 13.6 SE PAUL [40.44, -95.69], 16.8 SE PAUL [40.40, -95.66], 18.5 SE PAUL [40.37, -95.65], 16.9 SE PAUL [40.40, -95.65]				
	10/01/14 14:18 CST		5K	Flood (due to Heavy Rain)
	10/03/14 14:45 CST		10K	Source: River/Stream Gage
Heavy rainfall at the end of September caused the Missouri River to go into flood. The river rose above flood stage in the afternoon on the 1st, crested on the evening of the 2nd, and fell below flood stage on the evening of the 3rd. The river flooding was minor and mainly confined to low-lying areas along the river.				
OTOE COUNTY --- 4.1 NNW NEBRASKA CITY ARPT [40.73, -95.89], 4.5 NNW NEBRASKA CITY ARPT [40.73, -95.91], 0.9 E NEBRASKA CITY ARPT [40.67, -95.85], 2.4 E NEBRASKA CITY [40.64, -95.80], 2.4 NNE NEBRASKA CITY ARPT [40.70, -95.85]				
	10/01/14 18:15 CST		5K	Flood (due to Heavy Rain)
	10/01/14 19:15 CST		10K	Source: River/Stream Gage
Heavy rainfall at the end of September caused the Missouri River to go into flood. The river rose above flood stage in the afternoon on the 1st, crested and fell below flood stage that evening. The river flooding was minor and mainly confined to low-lying areas along the river.				
RICHARDSON COUNTY --- 4.6 NNE RULO [40.11, -95.41], 4.5 NNW RULO [40.11, -95.45], 0.2 NE RULO [40.05, -95.43], 2.0 SSE RULO [40.02, -95.42], 1.6 SE RULO [40.03, -95.41]				
	10/01/14 19:46 CST		5K	Flood (due to Heavy Rain)
	10/03/14 22:51 CST		10K	Source: River/Stream Gage
Heavy rainfall at the end of September caused the Missouri River to go into flood. The river rose above flood stage in the afternoon on the 1st, crested on the afternoon of the 2nd, and fell below flood stage on the evening of the 3rd. The river flooding was minor and mainly confined to low-lying areas along the river.				
Heavy rainfall from repeated thunderstorms in late September caused a number of rivers in eastern Nebraska and western Iowa to go into flood. Much of the flooding was minor, but flooding along the Salt Creek and associated tributaries was more significant and in some locations exceeded 100 and 200 year return intervals.				
JOHNSON COUNTY --- 5.3 S VESTA [40.29, -96.31]				
	10/01/14 04:44 CST		0	Thunderstorm Wind (EG 52 kt)
	10/01/14 04:44 CST		0	Source: COOP Observer
The observer reported that wind driven hail of unknown size caused extensive crop damage in the area. The corn had been blown over and there was also tree damage in the area as well.				
GAGE COUNTY --- 2.1 N FILLEY [40.31, -96.53]				

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	10/02/14 04:25 CST		0	Thunderstorm Wind (EG 52 kt)
	10/02/14 04:25 CST		0	Source: Trained Spotter

Barn was reported blown down, as well as several trees including at least one 2 feet in diameter.

A lone supercell moved out of central Nebraska and across southeast Nebraska. The storm was largely non-severe, but a couple of isolated reports of severe weather did occur with this storm. The thunderstorm activity was developing ahead of a cold front sweeping through the region.