

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				
MITCHELL COUNTY --- 5.3 NW MEROA [43.28, -93.01]				
	06/16/14 18:09 CST		30K	Thunderstorm Wind (EG 52 kt)
	06/16/14 18:09 CST		0	Source: Emergency Manager
A grain bin was destroyed northwest of Rock Creek.				
MITCHELL COUNTY --- 0.6 ESE ST ANSGAR [43.38, -92.92]				
	06/16/14 18:18 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/16/14 18:18 CST		0	Source: Broadcast Media
A few trees were blown down in St. Ansgar.				
MITCHELL COUNTY --- 0.5 E OSAGE [43.28, -92.81]				
	06/16/14 18:23 CST		13K	Thunderstorm Wind (EG 56 kt)
	06/16/14 18:23 CST		0	Source: Law Enforcement
Several trees were blown down and blocked streets in Osage. One of these trees landed on a car.				
FLOYD COUNTY --- 1.2 SW WALLER [43.07, -92.67]				
	06/16/14 18:30 CST		25K	Thunderstorm Wind (EG 52 kt)
	06/16/14 18:30 CST		0	Source: Law Enforcement
A stop light was blown over in Charles City.				
HOWARD COUNTY --- 0.5 SSW RICEVILLE [43.36, -92.55]				
	06/16/14 18:30 CST		5K	Lightning
	06/16/14 18:30 CST		0	Source: Law Enforcement
A lightning strike started a fire in Riceville.				
HOWARD COUNTY --- 0.9 S RICEVILLE [43.36, -92.55]				
	06/16/14 18:37 CST		1.50K	Thunderstorm Wind (EG 50 kt)
	06/16/14 18:37 CST		0	Source: Fire Department/Rescue
At least three trees were blown down on the southeast side of Riceville.				
HOWARD COUNTY --- 2.6 ENE RICEVILLE [43.38, -92.50]				
	06/16/14 18:41 CST		0	Thunderstorm Wind (MG 62 kt)
	06/16/14 18:41 CST		0	Source: Mesonet
The mesonet weather observing equipment east of Riceville measured a wind gust of 71 mph.				
HOWARD COUNTY --- LIME SPGS [43.45, -92.28]				
	06/16/14 18:55 CST		3K	Thunderstorm Wind (EG 52 kt)
	06/16/14 18:55 CST		0	Source: Law Enforcement
Several trees were blown down in Lime Springs.				
CHICKASAW COUNTY --- 0.5 W FREDRICKSBURG [42.97, -92.21]				
	06/16/14 19:28 CST		0.10K	Thunderstorm Wind (EG 50 kt)
	06/16/14 19:28 CST		0	Source: Law Enforcement
Trees and large branches were blown down onto U.S. Highway 18 just west of Fredericksburg.				
FAYETTE COUNTY --- WESTGATE [42.77, -92.00]				
	06/16/14 19:28 CST		0.94M	Thunderstorm Wind (EG 50 kt)
	06/16/14 19:28 CST		0	Source: Law Enforcement

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Barns were blown down near Westgate with tin strewn across a road . Another barn was blown down with cattle trapped inside the debris, two of which died. Part of a roof was blown off a building used for milking , exposing an office, with the rain soaking office supplies and computers . On the same farm, part of free stall barn was ripped off and a shed was destroyed . Numerous trees and power lines were blown down in town and a church roof sustained damage from the high winds. Some of the trees were 2 to 4 feet in diameter and were either uprooted or snapped off about 20 feet above the ground. Two grain bins were blown over and landed on a building and a truck.				

WINNESHIEK COUNTY --- 0.5 E CALMAR [43.18, -91.87]

06/16/14 19:28 CST	2K	Thunderstorm Wind (EG 50 kt)
06/16/14 19:28 CST	0	Source: Public

A shed was blown over in Calmar.

WINNESHIEK COUNTY --- 1.0 E CALMAR [43.18, -91.86]

06/16/14 19:29 CST	0	Funnel Cloud
06/16/14 19:29 CST	0	Source: Law Enforcement

A funnel cloud was sighted in Calmar.

WINNESHIEK COUNTY --- 1.5 NNE FESTINA [43.14, -91.87]

06/16/14 19:45 CST	0.20K	Thunderstorm Wind (EG 50 kt)
06/16/14 19:45 CST	0	Source: Law Enforcement

Trees were blown down across State Highway 150 near Festina.

FAYETTE COUNTY --- 1.4 S BRAINARD [42.91, -91.70]

06/16/14 19:56 CST	60K	Thunderstorm Wind (EG 50 kt)
06/16/14 19:56 CST	0	Source: Broadcast Media

A cattle barn was blown down north of Wadena with approximately 150 head of cattle trapped in the debris.

WINNESHIEK COUNTY --- 0.9 NE FRANKVILLE [43.19, -91.62]

06/16/14 19:57 CST	0	Funnel Cloud
06/16/14 19:57 CST	0	Source: Emergency Manager

A funnel cloud was sighted just outside of Frankville.

CLAYTON COUNTY --- 0.5 W STRAWBERRY PT [42.68, -91.54]

06/16/14 20:42 CST	0	Hail (1.75 in)
06/16/14 20:42 CST	0	Source: Trained Spotter

Golf ball size hail fell in Strawberry Point.

MITCHELL COUNTY --- 1.9 WNW OSAGE [43.29, -92.85], 1.7 WNW OSAGE [43.29, -92.85], 1.6 WNW OSAGE [43.29, -92.85], 1.7 WNW OSAGE [43.29, -92.85], 1.8 WNW OSAGE [43.29, -92.85], 1.9 WNW OSAGE [43.29, -92.85]

06/17/14 09:56 CST	0	Flood (due to Heavy Rain)
06/17/14 13:00 CST	0	Source: Emergency Manager

Runoff from heavy rain pushed the Cedar River out of its banks sending water over River Road west of Osage.

A line of severe thunderstorms developed late in the afternoon of June 16th across Minnesota and Iowa ahead of warm front and area of low pressure. These storms produced reports of 60 to 70 mph winds as they rolled across northeast Iowa. The area near Westgate (Fayette County) was hit hard with at least three barns blown down, a church roof damaged and numerous trees and power lines were downed. Another cattle barn was blown down south of Brainard (Fayette County).

FLOYD COUNTY --- 0.9 SW NORA SPGS [43.14, -93.01]

06/18/14 03:05 CST	0	Hail (0.88 in)
06/18/14 03:05 CST	0	Source: Public

CHICKASAW COUNTY --- 0.5 E ALTA VISTA [43.20, -92.42]

06/18/14 03:31 CST	2K	Thunderstorm Wind (EG 50 kt)
06/18/14 03:31 CST	0	Source: Law Enforcement

Trees were blown down in Alta Vista.

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Thunderstorms developed along a nearly stationary front during the early morning hours of June 18th. As these storms moved across northeast Iowa they primarily produced rain, but a couple of storms become strong enough to blow down some trees in Alta Vista (Chickasaw County).

CHICKASAW COUNTY --- 1.2 SE NEW HAMPTON [43.06, -92.31]

	06/18/14 05:00 CST	0		Heavy Rain
	06/19/14 05:00 CST	0		Source: COOP Observer

In New Hampton, 3.95 inches of rain fell.

ALLAMAKEE COUNTY --- HARPERS FERRY [43.20, -91.15]

	06/18/14 05:15 CST	0		Heavy Rain
	06/19/14 05:43 CST	0		Source: Public

In Harpers Ferry, 3.2 inches of rain fell.

WINNESHIEK COUNTY --- 2.0 W CALMAR [43.18, -91.92]

	06/18/14 05:25 CST	0		Heavy Rain
	06/19/14 06:16 CST	0		Source: Public

Near Spillville, 4 inches of rain fell.

WINNESHIEK COUNTY --- 2.3 NNW CASTALIA [43.15, -91.72]

	06/18/14 05:35 CST	0		Heavy Rain
	06/19/14 23:30 CST	0		Source: Broadcast Media

East of Ossian, 4.90 inches of rain fell.

FLOYD COUNTY --- 0.8 E CHARLES CITY [43.07, -92.68], 1.7 SSW WALLER [43.06, -92.66], 1.8 SSW WALLER [43.06, -92.67], 0.8 ESE CHARLES CITY [43.07, -92.69]

	06/18/14 18:00 CST	0		Flood (due to Heavy Rain)
	06/21/14 20:45 CST	0		Source: River/Stream Gage

Runoff from heavy rain pushed the Cedar River out of its banks in Charles City. The river crested almost five feet above the flood stage at 16.82 feet.

HOWARD COUNTY --- 1.0 ENE CRESCO [43.39, -92.10], 1.1 ESE CRESCO [43.37, -92.10], 1.4 SE CRESCO MUNI ARPT [43.36, -92.11], 1.0 SSE CRESCO MUNI ARPT [43.36, -92.12], 0.7 W CRESCO [43.38, -92.13], 0.4 N CRESCO [43.39, -92.12]

	06/18/14 22:45 CST	0		Flood (due to Heavy Rain)
	06/19/14 00:15 CST	0		Source: Law Enforcement

Runoff from heavy rains caused street flooding to occur in Cresco.

WINNESHIEK COUNTY --- 1.2 SE FT ATKINSON [43.14, -91.93]

	06/18/14 23:00 CST	0		Heavy Rain
	06/19/14 03:51 CST	0		Source: Broadcast Media

In Fort Atkinson, 3.67 inches of rain fell.

FLOYD COUNTY --- 4.3 N NORA SPGS [43.21, -93.00], 4.0 ENE FLOYD HANRY ARPT [43.21, -92.63], 1.4 ENE POWERSVILLE [42.94, -92.67], 3.5 SSW KNOOP ARPT [42.92, -93.02]

	06/19/14 00:00 CST	5K		Flood (due to Heavy Rain)
	06/22/14 00:00 CST	0		Source: Broadcast Media

Several roads were closed over the western sections of Floyd County due to flood waters. In Charles City, the side of Gar Drive was washed out.

ALLAMAKEE COUNTY --- 4.4 N POSTVILLE [43.14, -91.57], 3.9 NNE POSTVILLE [43.14, -91.56], 5.3 NNW HARDIN [43.15, -91.53], 4.7 N HARDIN [43.15, -91.51], 4.1 WSW ROSSVILLE [43.16, -91.46], 4.0 WSW ROSSVILLE [43.16, -91.46], 5.5 SE LUDLOW [43.17, -91.51], 4.8 SSE LUDLOW [43.17, -91.54]

	06/19/14 00:30 CST	0		Flash Flood (due to Heavy Rain)
	06/19/14 06:30 CST	0		Source: Law Enforcement

Runoff from heavy rain caused the Yellow River to go out of its banks between Postville and Waukon.

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WINNESHIEK COUNTY --- 1.1 E OSSIAN [43.15, -91.76], 1.4 ESE OSSIAN [43.14, -91.75], 0.8 SSE OSSIAN [43.14, -91.78], 0.3 ENE OSSIAN [43.15, -91.77]				
	06/19/14 01:00 CST		10K	Flash Flood (due to Heavy Rain)
	06/19/14 04:30 CST		0	Source: Law Enforcement
Runoff from heavy rains flooded basements in Ossian.				
WINNESHIEK COUNTY --- 0.3 S DECORAH [43.30, -91.80]				
	06/19/14 05:06 CST		10K	Lightning
	06/19/14 05:06 CST		0	Source: Newspaper
A lightning strike caused a minor house fire to occur in Decorah.				
WINNESHIEK COUNTY --- 1.6 ENE OSSIAN [43.16, -91.75], 3.0 SSE FRANKVILLE [43.14, -91.61], 3.3 SSE FRANKVILLE [43.14, -91.61], 2.0 ENE CASTALIA [43.13, -91.66], 1.5 E OSSIAN [43.15, -91.75]				
	06/19/14 07:15 CST		0	Flash Flood (due to Heavy Rain)
	06/19/14 10:30 CST		1.50M	Source: State Official
Flash flooding along the Yellow River in southeast Winneshiek County washed out bridge approaches, gravel around culverts and destroyed crops.				
WINNESHIEK COUNTY --- 5.1 SW RIDGEWAY [43.25, -92.08], 4.6 N FRANKVILLE [43.25, -91.61], 5.0 ESE CASTALIA [43.09, -91.61], 3.8 SW JACKSON JCT [43.08, -92.08]				
	06/19/14 07:34 CST		5K	Flash Flood (due to Heavy Rain)
	06/19/14 10:30 CST		0	Source: Law Enforcement
A number of roads had minor wash outs across the southern part of Winneshiek County due to runoff from heavy rains . In addition, high water from a plugged culvert closed 177th Street northwest of Ossian.				
ALLAMAKEE COUNTY --- 1.5 NW LUDLOW [43.24, -91.60], 3.8 ESE WEXFORD [43.26, -91.10], 0.5 N WAUKON JCT [43.16, -91.18], 4.3 S WAUKON JCT [43.09, -91.18], 1.4 NW POSTVILLE [43.09, -91.60]				
	06/19/14 07:37 CST		5K	Flash Flood (due to Heavy Rain)
	06/19/14 10:45 CST		0	Source: Law Enforcement
Several roads across the southern sections of Allamakee County suffered minor wash outs due to run off from heavy rains . In addition, the Yellow River was out of its banks and over County Road X16.				
CHICKASAW COUNTY --- 5.0 NNW DEERFIELD [43.21, -92.55], 5.0 E SAUDE [43.21, -92.08], 6.9 ESE FREDRICKSBURG [42.92, -92.08], 1.1 SE HORN FLD ARPT [42.91, -92.55]				
	06/19/14 07:59 CST		5K	Flash Flood (due to Heavy Rain)
	06/19/14 11:00 CST		0	Source: Law Enforcement
A number of county roads across Chickasaw County were closed due to wash outs . Sandbags were needed on the east side of New Hampton because of the high water.				
FAYETTE COUNTY --- 1.3 NNW CLERMONT [43.02, -91.68], 1.1 ESE CLERMONT [43.00, -91.65], 1.1 SE CLERMONT VLY ARPT [42.97, -91.63], 1.1 ENE ELGIN [42.96, -91.61], 1.0 E ELGIN [42.95, -91.61], 1.1 S CLERMONT VLY ARPT [42.96, -91.65], 1.0 WNW CLERMONT VLY ARPT [42.98, -91.67], 1.1 NNW CLERMONT [43.01, -91.68]				
	06/19/14 08:35 CST		0	Flood (due to Heavy Rain)
	06/19/14 11:30 CST		0	Source: Emergency Manager
Runoff from heavy rain pushed the Turkey River out of its banks over the northeast part of Fayette County . The high water threatened campgrounds in both Clermont and Elgin.				
CLAYTON COUNTY --- 0.4 SSW ELKADER [42.84, -91.40], 0.5 SSE ELKADER [42.84, -91.40], 0.6 SSE ELKADER [42.84, -91.40], 0.6 S ELKADER [42.84, -91.40], 0.5 SSW ELKADER [42.84, -91.40], 0.5 SW ELKADER [42.84, -91.41]				
	06/19/14 09:15 CST		0	Flood (due to Heavy Rain)
	06/21/14 17:30 CST		0	Source: River/Stream Gage
Runoff from heavy rain pushed the Turkey River out of its banks in Elkader. The river crested almost seven feet above the flood stage at 18.82 feet.				
FAYETTE COUNTY --- 1.4 ENE ALPHA [43.01, -92.03], 1.6 ENE ALPHA [43.01, -92.02], 1.5 ENE ALPHA [43.01, -92.02], 1.4 ENE ALPHA [43.01, -92.03]				

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/19/14 12:15 CST		0	Flood (due to Heavy Rain)
	06/19/14 14:15 CST		0	Source: Trained Spotter

Runoff from heavy rain pushed a small creek out of its banks, sending water over 260th Street near V Avenue. 1.45 inches of rain fell since 1130 a.m.

FAYETTE COUNTY --- 1.1 S OELWEIN [42.66, -91.90], 1.5 SW OELWEIN [42.66, -91.92], 2.0 E OELWEIN MUNI ARPT [42.68, -91.94], 0.9 NNW OELWEIN [42.69, -91.91], 0.5 NE OELWEIN [42.69, -91.89]

	06/19/14 13:25 CST		0	Flood (due to Heavy Rain)
	06/19/14 15:00 CST		0	Source: Fire Department/Rescue

In Oelwein, 2.5 inches of rain fell in 35 minutes causing some street flooding to occur.

FAYETTE COUNTY --- 2.7 NNW HAWKEYE [42.97, -91.96], 2.6 NNW HAWKEYE [42.97, -91.95], 2.6 NNW HAWKEYE [42.96, -91.95], 2.7 NNW HAWKEYE [42.96, -91.95]

	06/19/14 14:00 CST		0	Flash Flood (due to Heavy Rain)
	06/19/14 16:00 CST		0	Source: Newspaper

Runoff from heavy rains caused a small creek north of Hawkeye to rise quickly sending flood waters over U .S. Highway 18. The road was closed until the flood waters receded.

ALLAMAKEE COUNTY --- 3.7 SW HANOVER [43.33, -91.58], 4.0 ENE VILLAGE CREEK [43.34, -91.17], 4.0 ENE WEXFORD [43.30, -91.10], 1.7 N WAUKON JCT [43.17, -91.18], 4.7 S WAUKON JCT [43.08, -91.18], 0.8 WNW POSTVILLE [43.08, -91.59]

	06/19/14 14:36 CST		0	Flash Flood (due to Heavy Rain)
	06/19/14 18:45 CST		0	Source: Law Enforcement

Runoff from heavy rains caused water to go over roads in Allamakee County causing county officials to close at least 13 roads. Street flooding also occurred in Waukon.

CLAYTON COUNTY --- 6.8 W LUANA [43.08, -91.60], 1.5 N MARQUETTE [43.07, -91.18], 0.2 WNW CLAYTON [42.90, -91.15], 1.6 W TURKEY RIVER [42.73, -91.08], 9.3 ESE MILLVILLE [42.65, -90.90], 4.6 WSW STRAWBERRY PT [42.64, -91.61]

	06/19/14 15:05 CST		0	Flash Flood (due to Heavy Rain)
	06/19/14 19:00 CST		0	Source: Law Enforcement

Runoff from heavy rain caused water to go over roads in various sections of Clayton County.

CLAYTON COUNTY --- 0.6 N GARBER [42.74, -91.27], 0.9 NE GARBER [42.74, -91.26], 1.1 NNE GARBER [42.74, -91.26], 1.1 NE GARBER [42.74, -91.26], 0.9 NE GARBER [42.74, -91.26], 0.6 NNE GARBER [42.74, -91.27], 0.5 N GARBER [42.74, -91.27]

	06/19/14 15:10 CST		0	Flood (due to Heavy Rain)
	06/21/14 18:00 CST		24.80K	Source: River/Stream Gage

Runoff from heavy rain pushed the Turkey River out of its banks in and near Garber . The river crested almost eight feet above the flood stage at 24.78 feet. Around 30 acres of corn were destroyed from the flooding.

FAYETTE COUNTY --- 4.1 WSW RANDALIA [42.85, -91.94], 4.0 WSW RANDALIA [42.85, -91.94], 4.4 SW RANDALIA [42.83, -91.94], 4.5 WSW RANDALIA [42.84, -91.94]

	06/19/14 15:10 CST		0	Flash Flood (due to Heavy Rain)
	06/19/14 17:15 CST		0	Source: Law Enforcement

A water rescue was performed when a vehicle became stranded in high water along R Avenue southwest of Randalia. No injuries were reported.

ALLAMAKEE COUNTY --- 1.0 N WAUKON [43.28, -91.48], 0.4 NNE WAUKON MUNI ARPT [43.27, -91.47], 0.7 SSE WAUKON MUNI ARPT [43.26, -91.46], 0.8 SW WAUKON [43.26, -91.49], 0.7 WNW WAUKON [43.27, -91.49]

	06/19/14 16:34 CST		0	Flash Flood (due to Heavy Rain)
	06/19/14 18:45 CST		0	Source: Broadcast Media

Runoff from locally heavy rain caused numerous streets to be closed in Waukon and sand bagging occurred around a hotel.

FAYETTE COUNTY --- 2.2 WNW WAUCOMA [43.08, -92.07], 6.1 NNE CLERMONT [43.08, -91.61], 8.0 SSE ARLINGTON [42.64, -91.61], 1.9 WNW FAIRBANK [42.65, -92.08]

	06/20/14 00:00 CST		0	Flood (due to Heavy Rain)
	06/22/14 00:00 CST		0	Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - June 2014

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Heavy rain caused officials in Fayette County to close 21 roads across the county. Most of these were gravel roads that were water covered. In addition, all county parks were closed.				

For the second day in a row, thunderstorms with heavy rain moved across northeast Iowa. A round of storms developed during the early morning hours of June 19th along a warm front and then a second round developed during the afternoon ahead of an approaching cold front. Radar estimates of 3 to 6 inches were common across southern Winneshiek and Allamakee Counties into the northern portions of Fayette and Clayton Counties. A presidential disaster declaration was signed for the repeated rounds of severe weather that hit northeast Iowa in the middle of June. This disaster declaration included Allamakee, Chickasaw and Fayette Counties.

CLAYTON COUNTY --- 0.7 NNE MC GREGOR [43.03, -91.17], 0.6 NE MC GREGOR [43.03, -91.17], 0.5 NE MC GREGOR [43.02, -91.17], 0.6 ENE MC GREGOR [43.02, -91.17], 0.8 NNE MC GREGOR [43.03, -91.17]				
	06/23/14 18:15 CST		0	Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: River/Stream Gage

Runoff from heavy rain and inflow from tributary streams pushed the Mississippi River out of its banks in McGregor . The flooding continued into July with the crest occurring in July as well.

CLAYTON COUNTY --- 0.2 W GUTTENBERG ARPT [42.82, -91.10], 1.0 SSW GUTTENBERG ARPT [42.81, -91.11], 0.4 NNE GUTTENBURG [42.79, -91.10], 2.0 SSE GUTTENBURG [42.75, -91.09], 1.9 NNW TURKEY RIVER [42.75, -91.07], 1.0 ENE GUTTENBERG ARPT [42.83, -91.08]				
	06/27/14 23:00 CST		0	Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: River/Stream Gage

Runoff from heavy rain and inflow from tributary streams pushed the Mississippi River out of its banks in Guttenberg . The flooding continued into July with the crest occurring in July as well.

Runoff from heavy rains during the middle part of June, combined with inflow from tributary streams, caused flooding to occur along the Mississippi River in late June across northeast Iowa.

FLOYD COUNTY --- 4.9 SSE CARRVILLE [42.95, -92.58]				
	06/29/14 19:00 CST		0	Hail (1.75 in)
	06/29/14 19:00 CST		0	Source: Emergency Manager

Golf ball sized hail fell just west of Nashua.

CHICKASAW COUNTY --- 0.5 W NASHUA [42.95, -92.54]				
	06/29/14 19:04 CST		0	Thunderstorm Wind (EG 50 kt)
	06/29/14 19:04 CST		0	Source: Law Enforcement

Trees were blown down in Nashua.

CHICKASAW COUNTY --- 0.5 W NASHUA [42.95, -92.54], 1.5 E BOYD [43.02, -92.24]				
	06/29/14 19:04 CST		0	Hail (1.75 in)
	06/29/14 19:18 CST		3.10M	Source: Trained Spotter

Golf ball sized hail fell from Nashua northeast toward Boyd. The hail destroyed crops, stripping both beans and corn.

CHICKASAW COUNTY --- 0.9 NE BOYD [43.03, -92.26]				
	06/29/14 19:20 CST		20K	Thunderstorm Wind (EG 50 kt)
	06/29/14 19:20 CST		1.50M	Source: Emergency Manager

Two pole sheds were destroyed and there was sporadic crop damage just north of Boyd.

CHICKASAW COUNTY --- 1.7 NE BOYD [43.04, -92.25]				
	06/29/14 19:20 CST		0	Hail (2.75 in)
	06/29/14 19:20 CST		0	Source: Emergency Manager

Baseball sized hail fell northeast of Boyd.

CHICKASAW COUNTY --- 1.7 NE BOYD [43.04, -92.25]				
	06/29/14 19:21 CST		8K	Thunderstorm Wind (EG 50 kt)
	06/29/14 19:21 CST		0	Source: Public

A pole shed was destroyed northeast of Boyd.

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CHICKASAW COUNTY --- 1.2 SE NEW HAMPTON [43.06, -92.31]				
	06/29/14 19:22 CST		7K	Thunderstorm Wind (EG 50 kt)
	06/29/14 19:22 CST		0	Source: Law Enforcement
Trees were blown down in New Hampton. One of the trees landed on a house causing minimal damage.				
CHICKASAW COUNTY --- 2.8 N BOYD [43.06, -92.26]				
	06/29/14 19:22 CST		30K	Hail (1.75 in)
	06/29/14 19:22 CST		0	Source: Law Enforcement
Golf ball sized hail fell east of New Hampton. The hail broke windows and damaged siding on several homes.				
CHICKASAW COUNTY --- 3.0 NNE BOYD [43.06, -92.24]				
	06/29/14 19:25 CST		30K	Thunderstorm Wind (EG 50 kt)
	06/29/14 19:25 CST		0	Source: Newspaper
Numerous trees were either blown down or uprooted on and near a golf course east of New Hampton. One of the downed trees caused one lane of State Highway 24 to be closed, a semi trailer was blown over onto its side and an outbuilding was destroyed. The cart shelter at the golf course was also damaged by the high winds.				
FAYETTE COUNTY --- 0.7 S WAUCOMA [43.06, -92.03]				
	06/29/14 19:35 CST		0	Hail (0.75 in)
	06/29/14 19:35 CST		0	Source: COOP Observer
WINNESHIEK COUNTY --- 1.0 ESE FT ATKINSON [43.14, -91.93]				
	06/29/14 19:40 CST		0	Hail (1.75 in)
	06/29/14 19:40 CST		0	Source: Public
Golf ball sized hail fell in Fort Atkinson.				
WINNESHIEK COUNTY --- 1.0 E CALMAR [43.18, -91.86]				
	06/29/14 19:45 CST		10K	Hail (1.75 in)
	06/29/14 19:45 CST		0	Source: Public
Golf ball sized hail fell in Calmar.				
WINNESHIEK COUNTY --- 1.0 E CALMAR [43.18, -91.86]				
	06/29/14 19:45 CST		10K	Thunderstorm Wind (EG 54 kt)
	06/29/14 19:45 CST		0	Source: Public
Several large trees were blown down in Calmar. One tree landed on a pickup truck.				
WINNESHIEK COUNTY --- 2.6 SE DECORAH MUNI ARPT [43.25, -91.72]				
	06/29/14 19:58 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/29/14 19:58 CST		0	Source: Trained Spotter
Trees were snapped off or uprooted southeast of Decorah.				
WINNESHIEK COUNTY --- 3.7 NE DECORAH MUNI ARPT [43.31, -91.69]				
	06/29/14 20:00 CST		0	Hail (1.00 in)
	06/29/14 20:00 CST		0	Source: Trained Spotter
Quarter sized hail fell east of Decorah.				
ALLAMAKEE COUNTY --- 1.7 ENE LUDLOW [43.24, -91.55]				
	06/29/14 20:10 CST		0	Hail (0.88 in)
	06/29/14 20:10 CST		0	Source: Public
ALLAMAKEE COUNTY --- WAUKON [43.27, -91.48]				

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/29/14 20:10 CST		0	Hail (0.75 in)
	06/29/14 20:10 CST		0	Source: Trained Spotter

ALLAMAKEE COUNTY --- WAUKON [43.27, -91.48]

	06/29/14 20:10 CST		0	Thunderstorm Wind (EG 52 kt)
	06/29/14 20:10 CST		0	Source: Trained Spotter

An estimated wind gust of 60 mph occurred in Waukon.

ALLAMAKEE COUNTY --- 3.6 NNE WAUKON MUNI ARPT [43.32, -91.45]

	06/29/14 20:13 CST		1.50K	Thunderstorm Wind (EG 50 kt)
	06/29/14 20:13 CST		0	Source: Emergency Manager

Three 2 foot diameter trees were blown down on State Highway 9 northeast of Waukon.

Severe thunderstorms developed during the evening of June 29th ahead of a cold front. As these storms moved across northeast Iowa they produced large hail and damaging winds. Two pole sheds were destroyed near Boyd (Chickasaw County) where baseball sized hail also fell. The large hail destroyed crops in an area from Nashua northeast toward Boyd. In Calmar (Winneshiek County), several trees were blown down and golf ball sized hail damaged several vehicles.

CLAYTON COUNTY --- 0.4 SSW ELKADER [42.84, -91.40], 0.5 SSE ELKADER [42.84, -91.40], 0.6 SSE ELKADER [42.84, -91.40], 0.6 S ELKADER [42.84, -91.40], 0.5 SSW ELKADER [42.84, -91.40], 0.5 SW ELKADER [42.84, -91.41]

	06/30/14 02:30 CST		0	Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: River/Stream Gage

Runoff from heavy rain pushed the Turkey River out of its banks in Elkader. The river crested around a foot and a half above the flood stage at 13.52 feet. The river remained above flood stage into July.

FAYETTE COUNTY --- 0.3 ENE OELWEIN MUNI ARPT [42.68, -91.98]

	06/30/14 13:28 CST		0	Thunderstorm Wind (MG 50 kt)
	06/30/14 13:28 CST		0	Source: AWOS

The automated weather observing equipment at the Oelwein airport measured a wind gust of 58 mph.

FAYETTE COUNTY --- 0.5 W OELWEIN [42.68, -91.91]

	06/30/14 13:35 CST		0	Thunderstorm Wind (EG 52 kt)
	06/30/14 13:35 CST		0	Source: Trained Spotter

A wind gust of 60 mph was estimated in Oelwein.

CLAYTON COUNTY --- 0.5 W STRAWBERRY PT [42.68, -91.54]

	06/30/14 13:57 CST		0	Thunderstorm Wind (EG 52 kt)
	06/30/14 13:57 CST		0	Source: Public

An estimated wind gust of 60 mph occurred in Strawberry Point.

CLAYTON COUNTY --- 0.5 W VOLGA [42.80, -91.54]

	06/30/14 14:00 CST		3K	Thunderstorm Wind (EG 70 kt)
	06/30/14 14:00 CST		0	Source: Law Enforcement

An estimated wind gust of 80 mph blew down trees and power lines in Volga.

CLAYTON COUNTY --- 2.6 SE EDGEWOOD [42.64, -91.40]

	06/30/14 14:06 CST		3K	Thunderstorm Wind (EG 50 kt)
	06/30/14 14:06 CST		0	Source: Public

Trees and power lines were blown down in Edgewood.

CLAYTON COUNTY --- 0.7 N ELKADER [42.86, -91.40]

	06/30/14 14:15 CST		3K	Thunderstorm Wind (EG 50 kt)
	06/30/14 14:15 CST		0	Source: Law Enforcement

Trees and power lines were blown down in Elkader.

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CLAYTON COUNTY --- 0.8 N GARBER [42.74, -91.27]				
	06/30/14 14:16 CST		0	Thunderstorm Wind (EG 65 kt)
	06/30/14 14:16 CST		0	Source: Law Enforcement
An estimated 75 mph wind gust occurred in Garber.				
CLAYTON COUNTY --- 2.7 SSE OSTERDOCK [42.73, -91.16]				
	06/30/14 14:19 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/30/14 14:19 CST		0	Source: Law Enforcement
Trees were blown down in Osterdock.				
CLAYTON COUNTY --- 0.7 N GUTTENBURG [42.79, -91.10]				
	06/30/14 14:25 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/30/14 14:25 CST		0	Source: Law Enforcement
Trees were blown down in Guttenberg.				
CLAYTON COUNTY --- 0.8 SSE GUTTENBURG [42.77, -91.09], 0.9 S GUTTENBURG [42.77, -91.10], 1.3 NNW GUTTENBURG [42.80, -91.11], 1.1 N GUTTENBURG [42.80, -91.10]				
	06/30/14 14:35 CST		0	Flash Flood (due to Heavy Rain)
	06/30/14 15:03 CST		0	Source: Law Enforcement
Runoff from heavy rain caused water to go over U.S. Highway 52 in Guttenberg.				
CLAYTON COUNTY --- 0.6 WSW OSBORNE [42.80, -91.44], 1.1 WSW OSBORNE [42.79, -91.45], 1.3 SW OSBORNE [42.79, -91.45], 1.1 SW OSBORNE [42.79, -91.45], 0.5 SW OSBORNE [42.80, -91.44]				
	06/30/14 14:40 CST		0	Flash Flood (due to Heavy Rain)
	06/30/14 15:10 CST		0	Source: Law Enforcement
Runoff from heavy rain caused water from the Volga River to go over State Highway 13 in the Osborne area.				
FAYETTE COUNTY --- 5.9 SSW HAWKEYE [42.86, -91.99], 5.4 N WESTGATE [42.85, -91.99], 5.5 N WESTGATE [42.85, -91.98], 5.7 W RANDALIA [42.86, -91.98]				
	06/30/14 16:10 CST		0	Flash Flood (due to Heavy Rain)
	06/30/14 17:00 CST		0	Source: Law Enforcement
Runoff from heavy rain pushed a small stream out of its banks west of Randalia . This caused T Avenue between 160th Street and State Highway 93, to be closed due to the flooding.				
Severe thunderstorms developed during the afternoon of June 30th across northeast Iowa ahead of a cold front. As these storms moved across the area, they primarily produced strong winds that blew down trees and power lines. Estimated gusts of 75 mph occurred in Garber (Clayton County) with an 80 mph gust estimated in Volga (Clayton County).				
MINNESOTA, Southeast				
OLMSTED COUNTY --- BYRON [44.03, -92.65]				
	06/16/14 15:30 CST		0	Heavy Rain
	06/17/14 01:25 CST		0	Source: Public
In Byron, 3.3 inches of rain fell.				
DODGE COUNTY --- MANTORVILLE [44.07, -92.75]				
	06/16/14 15:35 CST		0	Heavy Rain
	06/16/14 19:21 CST		0	Source: Trained Spotter
In Mantorville, 2.39 inches of rain fell.				
OLMSTED COUNTY --- 1.2 NW ROCHESTER [44.04, -92.49]				

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/16/14 15:40 CST		0	Heavy Rain
	06/17/14 01:35 CST		0	Source: Public
On the northwest side of Rochester, 4.1 inches of rain fell.				
<hr/>				
MOWER COUNTY --- ADAMS [43.57, -92.73]				
	06/16/14 16:00 CST		30K	Heavy Rain
	06/17/14 00:00 CST		0	Source: Newspaper
Heavy rains caused damage to a high school in Adams . Plugged drains on the roof caused water to fill air vents which then damaged the ceiling, some lighting and a piano inside the school.				
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DODGE COUNTY --- 1.2 NE HAYFIELD [43.89, -92.85]				
	06/16/14 16:35 CST		0	Heavy Rain
	06/17/14 02:35 CST		0	Source: Public
In Hayfield, 3.75 inches of rain fell.				
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OLMSTED COUNTY --- 3.6 SSW ROCHESTER [43.98, -92.49]				
	06/16/14 17:35 CST		0	Heavy Rain
	06/16/14 19:19 CST		0	Source: Public
On the southwest side of Rochester, 3.32 inches of rain fell.				
<hr/>				
MOWER COUNTY --- 1.7 SW AUSTIN [43.65, -92.95]				
	06/16/14 18:01 CST		5K	Thunderstorm Wind (EG 54 kt)
	06/16/14 18:01 CST		0	Source: Public
A semi truck was blown over on U.S. Highway 218 just south of Austin.				
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MOWER COUNTY --- 0.9 SE MAPLEVIEW [43.67, -92.97]				
	06/16/14 18:03 CST		0	Thunderstorm Wind (EG 52 kt)
	06/16/14 18:03 CST		0	Source: Broadcast Media
An estimated 60 mph wind gust occurred in Austin.				
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DODGE COUNTY --- DODGE CENTER [44.03, -92.85]				
	06/16/14 18:13 CST		3K	Thunderstorm Wind (EG 52 kt)
	06/16/14 18:13 CST		0	Source: Trained Spotter
An estimated 60 mph wind gust occurred in Dodge Center. Several trees were blown down with at least one blocking a roadway.				
<hr/>				
MOWER COUNTY --- 2.0 E DEXTER [43.72, -92.68]				
	06/16/14 18:20 CST		0	Thunderstorm Wind (MG 57 kt)
	06/16/14 18:20 CST		0	Source: Mesonet
The mesonet weather observing equipment near Dexter measured a wind gust of 66 mph.				
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OLMSTED COUNTY --- 1.0 W GENOA [44.12, -92.64]				
	06/16/14 18:26 CST		0	Hail (0.88 in)
	06/16/14 18:26 CST		0	Source: Trained Spotter
<hr/>				
OLMSTED COUNTY --- 1.0 W GENOA [44.12, -92.64]				
	06/16/14 18:26 CST		0	Thunderstorm Wind (MG 56 kt)
	06/16/14 18:26 CST		0	Source: Trained Spotter
A measured 65 mph wind gust occurred just outside Genoa.				
<hr/>				
OLMSTED COUNTY --- 1.0 E (RST) ROCHESTER MUNI [43.92, -92.48]				
	06/16/14 18:53 CST		0.20K	Thunderstorm Wind (EG 50 kt)
	06/16/14 18:53 CST		0	Source: COOP Observer

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An 8 inch diameter tree was snapped off just above the ground by thunderstorms winds near the Rochester airport.

DODGE COUNTY --- 0.9 W MANTORVILLE [44.07, -92.77], 0.2 N MANTORVILLE [44.07, -92.75], 0.5 ESE MANTORVILLE [44.07, -92.74], 1.0 SSE MANTORVILLE [44.06, -92.74], 1.2 SW MANTORVILLE [44.06, -92.77]

06/16/14 19:09 CST	0	Flood (due to Heavy Rain)
06/16/14 21:15 CST	0	Source: Trained Spotter

Street flooding occurred in Mantorville and the city retention pond was overflowing as a result of heavy rain.

(MN-Z087) OLMSTED

06/16/14 19:10 CST	0	High Wind (MAX 51 kt)
06/16/14 19:10 CST	0	

OLMSTED COUNTY --- 1.9 SSW ROCHESTER [44.00, -92.48], 2.1 SSW ROCHESTER [44.00, -92.48], 2.1 SSW ROCHESTER [44.00, -92.48], 1.9 SSW ROCHESTER [44.00, -92.48]

06/16/14 19:15 CST	10K	Flood (due to Heavy Rain)
06/16/14 21:15 CST	0	Source: Broadcast Media

Heavy rain caused a mall parking lot on the southwest side of Rochester to flood. Several cars became partially submerged in the water.

OLMSTED COUNTY --- 5.9 SSW ROCK DELL [43.84, -92.68], 1.0 SW BYRON [44.02, -92.67], 3.5 NE SALEM CORNERS [44.02, -92.56], 2.6 SW (RST) ROCHESTER MUNI [43.89, -92.53], 0.9 SSW HIGH FOREST [43.84, -92.56]

06/16/14 19:25 CST	0	Flash Flood (due to Heavy Rain)
06/16/14 22:00 CST	0	Source: Emergency Manager

Heavy rain caused water to go over several roads across the southwest part of Omsted County.

DODGE COUNTY --- 4.3 N RICE LAKE [44.18, -93.04], 4.7 ENE BERNE [44.19, -92.68], 3.9 ESE OSLO [43.85, -92.69], 8.9 WSW HAYFIELD [43.85, -93.04]

06/16/14 19:30 CST	0.41M	Flash Flood (due to Heavy Rain)
06/17/14 00:00 CST	0	Source: Newspaper

Runoff from heavy rain caused numerous streams across Dodge County to go out of their banks . The subsequent flooding damaged several roads with county engineers identifying 75 locations across the county that would need to be repaired.

MOWER COUNTY --- 3.6 NNE SARGEANT [43.85, -92.79], 4.5 NE RACINE [43.83, -92.45], 5.8 NE LE ROY [43.59, -92.45], 1.4 W JOHNSBURG [43.50, -92.81]

06/16/14 20:00 CST	0	Flash Flood (due to Heavy Rain)
06/16/14 23:00 CST	0	Source: Law Enforcement

Heavy rain caused water to over roads across parts of Mower County.

MOWER COUNTY --- 0.7 W RENOVA [43.73, -92.79], 0.3 WNW RENOVA [43.73, -92.79], 0.9 SSW RENOVA [43.72, -92.79], 1.1 SW RENOVA [43.72, -92.79]

06/16/14 20:24 CST	0	Flash Flood (due to Heavy Rain)
06/16/14 22:30 CST	0	Source: Broadcast Media

Heavy rain caused Dobbins Creek to go out of its banks northwest of Dexter with water over County Road 20 in several locations.

MOWER COUNTY --- 3.0 ESE VARCO [43.61, -92.92], 3.2 ESE VARCO [43.61, -92.92], 3.2 ESE VARCO [43.61, -92.92], 3.0 ESE VARCO [43.61, -92.92]

06/16/14 20:30 CST	0	Flash Flood (due to Heavy Rain)
06/16/14 23:30 CST	0	Source: Newspaper

Runoff from heavy rain caused Rose Creek to go out of its banks sending water over County Road 4 west of the town of Rose Creek.

MOWER COUNTY --- 3.1 W MAPLEVIEW [43.69, -93.04], 2.9 W MAPLEVIEW [43.69, -93.04], 2.9 W MAPLEVIEW [43.68, -93.04], 3.1 W MAPLEVIEW [43.69, -93.04]

06/17/14 12:50 CST	0	Flood (due to Heavy Rain)
06/22/14 05:45 CST	0	Source: River/Stream Gage

Runoff from heavy rain pushed Turtle Creek out of its banks near Austin. The creek crested over two feet above the flood stage at 12.58 feet.

MOWER COUNTY --- 0.6 E LANSING [43.75, -92.96], 0.7 ESE LANSING [43.74, -92.96], 0.8 ESE LANSING [43.75, -92.96], 0.6 E LANSING [43.75, -92.96]

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/17/14 17:45 CST		0	Flood (due to Heavy Rain)
	06/18/14 14:00 CST		0	Source: River/Stream Gage

Runoff from heavy rains pushed the Cedar River out of its banks in Lansing. The river crested around a quarter of foot above the flood stage.

MOWER COUNTY --- 1.4 ENE AUSTIN ACRES [43.66, -92.97], 1.5 ENE AUSTIN ACRES [43.66, -92.97], 1.3 E AUSTIN ACRES [43.65, -92.97], 1.4 E AUSTIN ACRES [43.65, -92.97], 1.5 ENE AUSTIN ACRES [43.65, -92.97], 1.6 ENE AUSTIN ACRES [43.66, -92.97], 1.4 ENE AUSTIN ACRES [43.66, -92.97]				
	06/18/14 13:00 CST		0	Flood (due to Heavy Rain)
	06/18/14 22:00 CST		0	Source: River/Stream Gage

Runoff from heavy rains pushed the Cedar River out of its banks in Austin. The river crested a half foot above the flood stage at 15.50 feet.

A line of severe thunderstorms developed late in the afternoon of June 16th across Minnesota and Iowa ahead of warm front and area of low pressure. These storms produced reports of 60 to 65 mph winds as they rolled across southeast Minnesota. These storms also produced very heavy rains that resulted in some flooding across portions of Dodge, Olmsted and Mower Counties. The Governor of Minnesota declared a state of emergency in several Minnesota counties that included Dodge, Mower and Olmsted Counties. A presidential disaster declaration was signed for the repeated rounds of severe weather that hit Minnesota in the middle of June. This disaster declaration included Dodge County.

OLMSTED COUNTY --- 3.1 N BYRON [44.07, -92.65], 3.2 SSW GENOA [44.08, -92.65], 3.3 N BYRON [44.08, -92.65], 3.2 N BYRON [44.08, -92.65], 3.0 N BYRON [44.07, -92.65]				
	06/18/14 00:00 CST		0	Flood (due to Heavy Rain)
	06/21/14 00:00 CST		0	Source: Newspaper

Runoff from heavy rains pushed the Zumbro River out of its banks sending water over County Road 105 isolating Oxbow County Park.

MOWER COUNTY --- 0.7 N BROWNSDALE [43.74, -92.87]				
	06/18/14 02:57 CST		1.50K	Thunderstorm Wind (EG 50 kt)
	06/18/14 02:57 CST		0	Source: Fire Department/Rescue

Two trees were uprooted by thunderstorm winds in Brownsdale. Another weaker tree fell on a power line.

MOWER COUNTY --- 1.0 E DEXTER [43.72, -92.70]				
	06/18/14 03:10 CST		0	Hail (0.75 in)
	06/18/14 03:10 CST		0	Source: Law Enforcement

Thunderstorms developed along a nearly stationary front during the early morning hours of June 18th. As these storms moved across southeast Minnesota they primarily produced rain, but a couple of storms become strong enough to blow down some trees in Brownsdale (Mower County) and drop some hail in Dexter (Mower County).

MOWER COUNTY --- 4.0 NW LYLE [43.55, -93.02], 2.3 SW VARCO [43.59, -93.01], 2.2 SSW VARCO [43.59, -93.00], 3.0 S VARCO [43.58, -92.99], 3.8 NNW LYLE [43.55, -93.01]				
	06/19/14 08:48 CST		0	Flood (due to Heavy Rain)
	06/19/14 11:45 CST		0	Source: Law Enforcement

Runoff from heavy rain caused water to go over County Road 105 south of Austin.

WABASHA COUNTY --- 0.4 NNW READS LNDG [44.41, -92.08], 1.1 NW WABASHA [44.39, -92.05], 0.5 ESE WABASHA [44.38, -92.02], 0.6 E WABASHA [44.38, -92.02], 1.3 NW WABASHA [44.39, -92.05], 1.0 ENE READS LNDG [44.40, -92.06]				
	06/20/14 01:00 CST		0	Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: River/Stream Gage

Runoff from heavy rains and inflow from tributary streams pushed the Mississippi River out of its banks in Wabasha . The river crested over two feet above the flood stage at 14.37 feet. The river remained above flood stage into July.

WINONA COUNTY --- 0.7 NNW WINONA [44.06, -91.66], 0.6 NE WINONA [44.06, -91.64], 1.8 E WINONA [44.05, -91.61], 1.8 E WINONA [44.05, -91.61], 1.2 ENE WINONA [44.05, -91.63], 1.0 NNE WINONA [44.06, -91.64]				
	06/22/14 06:00 CST		0	Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: River/Stream Gage

Runoff from heavy rains and inflow from tributary streams pushed the Mississippi River out of its banks in Winona . The river crested over two feet above the flood stage at 15.52 feet. The river remained above flood stage into July.

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A round of storms developed during the early morning hours of June 19th along a warm front across southeast Minnesota. Locally heavy rains from these storms caused water to go over a county road south of Austin (Mower County).

OLMSTED COUNTY --- 1.2 SW JUDGE [43.89, -92.49]

	06/23/14 15:56 CST	0		Funnel Cloud
	06/23/14 16:01 CST	0		Source: Trained Spotter

Three funnel clouds were sighted north of Stewartville.

WINONA COUNTY --- 2.4 NW PICKWICK [44.00, -91.64]

	06/23/14 17:16 CST	0		Funnel Cloud
	06/23/14 17:16 CST	0		Source: NWS Employee

A brief funnel cloud was sighted northwest of Pickwick.

Scattered thunderstorms developed during the late afternoon hours of June 23rd across southeast Minnesota. Some of these storms produced funnel clouds near Stewartville (Olmsted County) and Pickwick (Winona County).

WABASHA COUNTY --- 0.4 SW WABASHA [44.38, -92.04], 0.5 SW WABASHA [44.37, -92.04], 0.8 SW WABASHA [44.37, -92.04], 0.8 SW WABASHA [44.37, -92.04], 0.4 SSW WABASHA [44.37, -92.03], 0.3 SW WABASHA [44.38, -92.03]

	06/26/14 07:00 CST	0		Flood (due to Heavy Rain)
	06/30/14 23:59 CST	0		Source: Newspaper

Flooding along the Mississippi River, combined with runoff from heavy rain, caused flooding to occur on the west side of Wabasha. This flooding prompted the Minnesota Department of Transportation to close State Highway 60. The road remained closed into July.

DODGE COUNTY --- 1.6 ENE WASIOJA [44.09, -92.79]

	06/26/14 15:40 CST	0		Funnel Cloud
	06/26/14 15:40 CST	0		Source: Broadcast Media

A funnel cloud was sighted near Wasioja.

WABASHA COUNTY --- 0.4 NW LAKE CITY [44.45, -92.27], 0.2 ENE LAKE CITY [44.45, -92.27], 2.5 SE LAKE CITY [44.42, -92.24], 2.5 WNW MAPLE SPGS [44.44, -92.21], 1.7 E LAKE CITY [44.45, -92.24], 1.4 E LAKE CITY [44.45, -92.24]

	06/26/14 18:00 CST	0		Flood (due to Heavy Rain)
	06/30/14 23:59 CST	0		Source: River/Stream Gage

Runoff from heavy rains and inflow from tributary streams pushed the Mississippi River out of its banks in Lake City. The river crested around a half foot above the flood stage at 16.43 feet. The river remained above flood stage into July.

Scattered thunderstorms developed during the afternoon of June 26th over southeast Minnesota. At least one funnel cloud was sighted near Wasioja (Dodge County).

FILLMORE COUNTY --- 0.5 E HARMONY [43.55, -92.01]

	06/27/14 00:00 CST	0		Heavy Rain
	06/27/14 06:30 CST	0		Source: COOP Observer

In Harmony, 3.74 inches of rain was measured.

FILLMORE COUNTY --- LANESBORO [43.72, -91.98]

	06/27/14 00:00 CST	0		Heavy Rain
	06/27/14 07:30 CST	0		Source: Mesonet

A mesonet automated weather observing system measured 4.13 inches of rain.

WINONA COUNTY --- 4.9 NNW ST CHARLES [44.04, -92.11], 4.8 NNW ST CHARLES [44.04, -92.10], 4.8 NNW ST CHARLES [44.04, -92.10], 4.7 NNW ST CHARLES [44.04, -92.10], 4.7 NNW ST CHARLES [44.04, -92.11], 4.9 NNW ST CHARLES [44.04, -92.11]

	06/27/14 05:10 CST	0		Flood (due to Heavy Rain)
	06/27/14 19:55 CST	0		Source: River/Stream Gage

Runoff from heavy rains pushed the Whitewater River out of its banks twice in the Whitewater State Park. The first crest was around three quarters of a foot above the flood stage at 13.78 feet and the second crest was almost a foot above the flood stage at 14.43 feet.

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FILLMORE COUNTY --- 2.1 NNE LANESBORO [43.75, -91.97], 2.1 NW WHALAN [43.75, -91.96], 1.7 NNE LANESBORO [43.74, -91.97], 1.8 NNE LANESBORO [43.75, -91.97]				

06/27/14 10:20 CST	1K	Flash Flood (due to Heavy Rain)
06/27/14 12:20 CST	0	Source: Department of Highways

A mudslide occurred north of Lanesboro across State Highway 250.

A couple rounds of thunderstorms moved across southeast Minnesota during the morning hours of June 27th. These storms dumped enough rain to cause a mud slide to occur north of Lanesboro (Fillmore County) that went across State Highway 250.

DODGE COUNTY --- DODGE CENTER [44.03, -92.85]				
06/28/14 16:55 CST	5K	Thunderstorm Wind (EG 50 kt)		
06/28/14 16:55 CST	0	Source: Emergency Manager		

A small portion of a roof was ripped off a building in Dodge Center. A one foot diameter tree was also uprooted.

Thunderstorms developed during the late afternoon hours of June 28th across southeast Minnesota. Some of these storms became strong enough to rip a part of a roof off a building in Dodge Center (Dodge County).

WISCONSIN, Southwest

VERNON COUNTY --- 0.9 NW VIROQUA [43.56, -90.89]				
06/01/14 11:15 CST	0	Heavy Rain		
06/01/14 17:30 CST	0	Source: AWOS		

The automated weather observing equipment at the Viroqua airport measured 3.72 inches of rain.

VERNON COUNTY --- 1.2 NW LIBERTY POLE [43.49, -90.92]				
06/01/14 11:15 CST	0	Heavy Rain		
06/01/14 15:50 CST	0	Source: Amateur Radio		

Near Viroqua, 3.7 inches of rain fell.

VERNON COUNTY --- 2.0 NW BLOOMINGDALE [43.67, -90.81]				
06/01/14 11:15 CST	0	Heavy Rain		
06/01/14 18:02 CST	0	Source: COOP Observer		

A COOP observer east of Westby measured 3.46 inches of rain.

VERNON COUNTY --- 2.9 NNW READSTOWN [43.49, -90.79]				
06/01/14 11:15 CST	0	Heavy Rain		
06/01/14 18:37 CST	0	Source: Public		

Near Readstown, 3.4 inches of rain fell.

VERNON COUNTY --- 1.4 NW WESTBY [43.66, -90.87], 1.3 NNE WESTBY [43.67, -90.84], 0.8 SSE WESTBY [43.64, -90.84], 1.3 SW WESTBY [43.64, -90.87]				
06/01/14 15:29 CST	0	Flood (due to Heavy Rain)		
06/01/14 16:30 CST	0	Source: Law Enforcement		

Street flooding from heavy rains occurred in Westby.

VERNON COUNTY --- 0.8 NNW BLOOMINGDALE [43.66, -90.79], 1.2 NE BLOOMINGDALE [43.66, -90.76], 0.4 NE BLOOMINGDALE [43.65, -90.77], 0.6 NW BLOOMINGDALE [43.66, -90.79]				
06/01/14 16:17 CST	0	Flash Flood (due to Heavy Rain)		
06/01/14 19:30 CST	0	Source: Law Enforcement		

County Highway P east of Westby had water over it from the West Fork of the Kickapoo River and other creeks that drain into the river.

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LA CROSSE COUNTY --- 1.0 NNW HERRINGTON [43.79, -91.19], 0.9 NNW HERRINGTON [43.79, -91.19], 0.9 NNW HERRINGTON [43.79, -91.19], 1.0 NNW HERRINGTON [43.79, -91.19]				
	06/01/14 16:45 CST		1K	Flood (due to Heavy Rain)
	06/01/14 18:45 CST		0	Source: Broadcast Media
Runoff from heavy rain caused a sink hole to form along the edge of State Highway 33 east of La Crosse. The highway had to be closed until the sink hole was filled.				
VERNON COUNTY --- 1.7 SW ROSS [43.53, -90.77], 1.8 W LIBERTY [43.52, -90.77], 1.5 W LIBERTY [43.52, -90.76], 0.6 SW LIBERTY [43.52, -90.74], 0.5 W LIBERTY [43.52, -90.74], 1.5 SW ROSS [43.53, -90.77]				
	06/01/14 17:00 CST		0	Flood (due to Heavy Rain)
	06/01/14 19:00 CST		0	Source: Newspaper
Flooding occurred along State Highway 56 west of Viola as heavy rains pushed the Bishop Branch of the Cooks Creek and the West Fork of the Kickapoo River out of their banks.				
VERNON COUNTY --- 1.8 SE BUD [43.55, -90.95], 2.0 SE BUD [43.55, -90.95], 1.9 SE BUD [43.55, -90.96], 2.1 SSE BUD [43.54, -90.96], 2.1 SSE BUD [43.54, -90.96], 1.8 SSE BUD [43.55, -90.96], 1.8 SE BUD [43.55, -90.96], 1.6 SE BUD [43.55, -90.96]				
	06/01/14 17:00 CST		10K	Flash Flood (due to Heavy Rain)
	06/01/14 21:00 CST		0	Source: Newspaper
Runoff from heavy rain caused Sidie Hollow Creek to go out of its banks with damage occurring on the western side of Sidie Hollow Park . Walking bridges, picnic tables, trash cans and trees were all washed away.				
VERNON COUNTY --- 2.5 E ESOFEA [43.63, -90.92], 2.5 E ESOFEA [43.63, -90.92], 2.5 E ESOFEA [43.63, -90.92], 2.5 E ESOFEA [43.63, -90.92]				
	06/01/14 17:00 CST		0	Flash Flood (due to Heavy Rain)
	06/01/14 19:00 CST		0	Source: Broadcast Media
Runoff from heavy rain caused the headwaters of the North Fork of the Bad Axe River to go out of its banks and over Natwick Road . The road had to be closed until the flood waters receded.				
VERNON COUNTY --- 3.0 ENE ESOFEA [43.64, -90.91], 2.1 WSW WESTBY [43.64, -90.89], 2.6 SW WESTBY [43.63, -90.89], 3.0 E ESOFEA [43.62, -90.91]				
	06/01/14 17:30 CST		0	Flood (due to Heavy Rain)
	06/01/14 19:30 CST		0	Source: Newspaper
Flooding of low lying agricultural land occurred southwest of Westby after 3 to 5 inches of rain fell in the area.				
During the afternoon and evening of June 1st, thunderstorms with very heavy rain rolled across western Wisconsin. Some of these storms dumped over 3 inches of rain which caused streams in the vicinity of Westby (Vernon County) to rapidly come out of their banks spilling water over some roads.				
JACKSON COUNTY --- 1.3 ESE VAUDREUIL [44.29, -90.86]				
	06/15/14 08:03 CST		82K	Lightning
	06/15/14 08:03 CST		0	Source: Broadcast Media
An elderly lady died from smoke inhalation after a lightning strike started her house on fire in Black River Falls. At least three other nearby homes also suffered some electrical damage.				
Lightning from morning thunderstorms, started a house fire in Black River Falls (Jackson County) on June 15th. One person lost their life in the resulting fire from smoke inhalation while at least three other homes in the neighborhood also suffered electrical damage.				
LA CROSSE COUNTY --- 1.1 SE CALVERT [43.74, -91.21]				
	06/16/14 20:05 CST		3K	Thunderstorm Wind (EG 50 kt)
	06/16/14 20:05 CST		0	Source: Broadcast Media
Trees were blown down at the Goose Island Park and Campground just south of La Crosse.				
LA CROSSE COUNTY --- 1.4 NE LA CROSSE [43.82, -91.23]				
	06/16/14 20:10 CST		14K	Thunderstorm Wind (EG 50 kt)
	06/16/14 20:10 CST		0	Source: Emergency Manager
Several trees were blown down near the University of Wisconsin - La Crosse campus and in downtown La Crosse. One of the trees landed on a car in a UW - La Crosse parking lot.				

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
VERNON COUNTY --- 0.5 E COON VLY [43.70, -91.01]				
	06/16/14 20:34 CST		0	Thunderstorm Wind (MG 56 kt)
	06/16/14 20:34 CST		0	Source: Fire Department/Rescue
A wind gust of 65 mph was measured in Coon Valley.				
MONROE COUNTY --- 2.9 ESE ST MARYS [43.78, -90.63]				
	06/16/14 21:00 CST		0.20K	Thunderstorm Wind (EG 50 kt)
	06/16/14 21:00 CST		0	Source: Public
A ten inch diameter tree was blown down between Norwalk and Ontario.				
VERNON COUNTY --- 0.5 E HILLSBORO [43.65, -90.34]				
	06/16/14 21:15 CST		0	Thunderstorm Wind (EG 52 kt)
	06/16/14 21:15 CST		0	Source: Trained Spotter
An estimated 60 mph wind gust occurred in Hillsboro.				
GRANT COUNTY --- 0.7 N BOSCOBEL [43.14, -90.70]				
	06/16/14 21:22 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/16/14 21:22 CST		0	Source: Emergency Manager
Trees were blown down in Boscobel.				
GRANT COUNTY --- 1.0 WNW BOSCOBEL [43.14, -90.72], 1.2 NNE BOSCOBEL [43.15, -90.69], 1.3 NE BOSCOBEL [43.14, -90.68], 0.4 SSE BOSCOBEL [43.12, -90.70], 0.8 WSW BOSCOBEL [43.13, -90.72]				
	06/16/14 21:39 CST		0	Flood (due to Heavy Rain)
	06/16/14 23:10 CST		0	Source: Emergency Manager
Heavy rain caused street flooding to occur in Boscobel.				
GRANT COUNTY --- 2.0 WNW PLATTEVILLE [42.74, -90.52], 1.7 ESE PLATTEVILLE [42.72, -90.45]				
	06/16/14 21:45 CST		20.50M	Tornado (EF2, L: 3.76 mi , W: 100 yd)
	06/16/14 21:50 CST	5	2K	Source: NWS Storm Survey
<p>A tornado formed along a squall line west of Platteville , just south of County Road B, and traveled through Memorial Park on to the Univ. of Wisconsin - Platteville campus. Five people were injured, one of them seriously. There was extensive damage done to five buildings and the stadium on campus. Roofs of two new residential halls were partially destroyed and a third residential hall was also damaged along with one academic building. Two large lighting structures at the football stadium were knocked over, with one crashing across the bleachers causing the concrete foundation underneath the bleachers to be substantially moved. Damage continued into nearby homes and businesses as the tornado tracked across Business Highway 151. The top level of a split level home was ripped off one house, another house lost part of a roof and a porch while several other homes had windows blown out and trees knocked down. A gas station/convenience store was leveled by the tornado where it also ripped a pump out of the ground and blew over a semi. Numerous other business and vehicles suffered blown out windows. After hitting a cemetery on the south side of town, the tornado dissipated just before reaching U.S. Highway 151 southeast of town. A total of 12 homes were destroyed with another 20 damaged.</p> <p>At UW-Platteville, the tornado caused \$7.3 million in damage to Bridgeway Commons, \$4.8 million in damage to Rountree Commons and \$1.8 million to Southwest Hall. All three buildings are dorms.</p> <p>The tornado caused \$1.8 million in damage to Engineering Hall, a classroom building, and \$1.7 million in damage to the stadium.</p>				
GRANT COUNTY --- 0.7 N HAPPY CORNERS [42.61, -90.53]				
	06/16/14 21:46 CST		0	Thunderstorm Wind (MG 61 kt)
	06/16/14 21:46 CST		0	Source: Fire Department/Rescue
A 70 mph wind gust was measured west of Cuba City.				
GRANT COUNTY --- 2.8 S UNION [42.79, -90.51]				
	06/16/14 21:48 CST		0	Thunderstorm Wind (MG 55 kt)
	06/16/14 21:48 CST		0	Source: Trained Spotter
A 63 mph wind gust was measured north of Platteville.				

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRANT COUNTY --- 0.4 NNW LANCASTER [42.85, -90.72], 1.2 ENE LANCASTER [42.86, -90.70], 1.3 ESE LANCASTER [42.84, -90.70], 1.4 SSE LANCASTER [42.83, -90.71], 1.0 S LANCASTER [42.84, -90.72]				
	06/16/14 21:49 CST		0	Flood (due to Heavy Rain)
	06/16/14 23:20 CST		0	Source: Emergency Manager
Heavy rain caused street flooding to occur in Lancaster.				
GRANT COUNTY --- 1.6 NNE PLATTEVILLE [42.75, -90.47], 1.7 NNE PLATTEVILLE [42.75, -90.46]				
	06/16/14 21:49 CST		0.54M	Tornado (EF1, L: 0.49 mi , W: 25 yd)
	06/16/14 21:50 CST		1K	Source: NWS Storm Survey
A second tornado (EF1) hit the northeast corner of Platteville, near the Golf and Country Club. The track was about 1/2 mile long with a 50 yard width. Damage included some trees knocked down and a roof off an apartment building .				
ADAMS COUNTY --- 6.9 ENE FRNDSHP ADAMS CO ARP [44.02, -89.66]				
	06/16/14 22:10 CST		1K	Thunderstorm Wind (EG 55 kt)
	06/16/14 22:10 CST		0	Source: Trained Spotter
Trees were blown down across State Highway 21 east of Arkdale or about 3 miles west of the Waushara County line.				
A line of severe thunderstorms developed during the late afternoon of June 16th across Minnesota and Iowa. As the storms rolled across western Wisconsin they produced sporadic wind damage and at least 2 tornadoes in Platteville (Grant County) where 5 injuries occurred. The tornadoes caused extensive damage to the University of Wisconsin - Platteville campus and to numerous homes and business near the campus. Damage estimates to the campus alone were near \$10 million. The Governor of Wisconsin declared a state of emergency for three southern Wisconsin counties, including Grant. The U.S. Small Business Administration approved a request for a disaster declaration in Grant County. The disaster declaration allows homeowners and businesses to obtain loans to repair or replace damaged or destroyed property.				
GRANT COUNTY --- CUBA CITY [42.60, -90.43]				
	06/17/14 22:30 CST		0	Hail (1.00 in)
	06/17/14 22:30 CST		0	Source: Law Enforcement
Quarter sized hail fell in Cuba City.				
JACKSON COUNTY --- 1.5 E VAUDREUIL [44.30, -90.85]				
	06/18/14 01:15 CST		0	Heavy Rain
	06/18/14 05:30 CST		0	Source: Public
In Black River Falls, 3.05 inches of rain fell.				
JACKSON COUNTY --- TAYLOR [44.32, -91.12]				
	06/18/14 01:15 CST		0	Heavy Rain
	06/18/14 06:00 CST		0	Source: Public
In Taylor, 4 inches of rain fell.				
TREMPEALEAU COUNTY --- 1.2 SW IDUNA [44.19, -91.34]				
	06/18/14 03:45 CST		0	Heavy Rain
	06/18/14 05:17 CST		0	Source: COOP Observer
North of Galesville, 4.72 inches of rain fell.				
JACKSON COUNTY --- 2.4 SE MERRILLAN [44.42, -90.80], 4.5 N CITY PT [44.41, -90.33], 13.4 S CITY PT [44.16, -90.32], 1.5 SSE SHAMROCK [44.16, -90.79]				
	06/18/14 04:25 CST		0	Flash Flood (due to Heavy Rain)
	06/18/14 07:30 CST		0	Source: Law Enforcement
Runoff from heavy rain caused water to go over numerous roads across the eastern section of Jackson County.				
LA CROSSE COUNTY --- 0.3 ENE WEST LA CROSSE [43.85, -91.24]				
	06/18/14 04:30 CST		25K	Thunderstorm Wind (EG 57 kt)
	06/18/14 04:30 CST		0	Source: Newspaper

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Several trees and power lines were blown down in the city of La Crosse causing the power to be lost for about 5,000 customers.

LA CROSSE COUNTY --- 1.1 NNW ONALASKA [43.89, -91.24]

	06/18/14 04:30 CST		25K	Thunderstorm Wind (EG 50 kt)
	06/18/14 04:30 CST		0	Source: Broadcast Media

Several trees and power lines were blown down in Onalaska. Some of the trees landed on parked cars and one city street was shut down due to all the damage.

LA CROSSE COUNTY --- 1.0 SE MEDARY [43.86, -91.19]

	06/18/14 04:32 CST		25K	Thunderstorm Wind (EG 53 kt)
	06/18/14 04:32 CST		0	Source: Broadcast Media

Numerous trees were uprooted along Country Road B in the northeast part of the city of La Crosse. The downed trees blocked roads and landed on homes and garages.

TREMPEALEAU COUNTY --- 1.2 NNW TAMARACK [44.20, -91.48], 2.5 ESE HEGG [44.21, -91.15], 6.3 ENE BUTMAN CORNERS [44.10, -91.16], 0.5 W CENTERVILLE [44.07, -91.46]

	06/18/14 05:05 CST		0	Flash Flood (due to Heavy Rain)
	06/18/14 07:30 CST		0	Source: Law Enforcement

Runoff from heavy rains caused water to go over several roads across southern Trempealeau County including County Roads D and T and Oak Ridge Drive.

JUNEAU COUNTY --- 4.7 WSW MAUSTON NW LSBN ARPT [43.81, -90.22]

	06/18/14 05:40 CST		2K	Thunderstorm Wind (EG 53 kt)
	06/18/14 05:40 CST		0	Source: Law Enforcement

Trees were blown down onto State Highway 80 between New Lisbon and Elroy.

GRANT COUNTY --- FENNIMORE [42.98, -90.65]

	06/18/14 05:47 CST		0	Hail (1.00 in)
	06/18/14 05:47 CST		0	Source: Trained Spotter

Quarter sized hail fell in Fennimore.

JUNEAU COUNTY --- MAUSTON [43.80, -90.08]

	06/18/14 05:52 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/18/14 05:52 CST		0	Source: Law Enforcement

Trees were blown down near Mauston.

JUNEAU COUNTY --- 3.2 NW LYNDON STATION [43.75, -89.95]

	06/18/14 06:00 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/18/14 06:00 CST		0	Source: Law Enforcement

Trees were blown down onto the eastbound lane of Interstate 94 northwest of Lyndon Station.

GRANT COUNTY --- 3.0 ESE ELLENBORO [42.76, -90.56]

	06/18/14 06:05 CST		0	Hail (0.88 in)
	06/18/14 06:05 CST		0	Source: Public

GRANT COUNTY --- MONTFORT [42.97, -90.43]

	06/18/14 06:10 CST		0	Hail (0.88 in)
	06/18/14 06:10 CST		0	Source: Public

ADAMS COUNTY --- 4.4 SSE ADAMS [43.89, -89.79]

	06/18/14 06:15 CST		4K	Thunderstorm Wind (EG 50 kt)
	06/18/14 06:15 CST		0	Source: Law Enforcement

Trees were sporadically blown down across the southern part of Adams County, but the most were down across the south central part of the county.

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONROE COUNTY --- 3.5 ESE CATARACT [44.07, -90.76], 2.3 NNE SPARTA MUNI [44.00, -90.75], 5.4 S ROSEDALE [43.99, -90.91], 0.4 NE ROSEDALE [44.07, -90.91]				
	06/18/14 06:30 CST		0	Flash Flood (due to Heavy Rain)
	06/18/14 08:30 CST		0	Source: Post Office
Runoff from heavy rain caused water to go over several roads near Cataract including County Highways B and Q along with State Highway 162.				
JACKSON COUNTY --- 0.4 E VAUDREUIL [44.30, -90.87], 1.5 ENE VAUDREUIL [44.31, -90.85], 1.2 N PLEASANT VIEW [44.29, -90.83], 0.8 SSE VAUDREUIL [44.29, -90.87]				
	06/18/14 07:04 CST		5K	Flood (due to Heavy Rain)
	06/18/14 08:30 CST		0	Source: Law Enforcement
Runoff from heavy rain caused street flooding to occur in Black River Falls . One vehicle had to be pulled from a water filled ditch after swerving to miss debris in the roadway and entered the ditch.				
JACKSON COUNTY --- 2.1 NE TAYLOR [44.34, -91.09], 3.0 E TAYLOR [44.32, -91.06], 0.8 ENE TAYLOR HALVERSON ARP [44.29, -91.09], 3.1 W TAYLOR HALVERSON ARP [44.29, -91.16], 2.5 WSW TAYLOR [44.30, -91.17]				
	06/18/14 07:04 CST		0	Flash Flood (due to Heavy Rain)
	06/18/14 09:00 CST		0	Source: Law Enforcement
Runoff from heavy rain caused several small streams to go out of their banks around Taylor.				
JACKSON COUNTY --- 1.8 S FRANKLIN [44.19, -91.12], 2.0 S FRANKLIN [44.19, -91.12], 2.0 S FRANKLIN [44.19, -91.12], 1.8 S FRANKLIN [44.19, -91.12]				
	06/18/14 08:00 CST		5K	Flood (due to Heavy Rain)
	06/18/14 13:00 CST		0	Source: Emergency Manager
Runoff from heavy rain caused water to go over South Steine Road south of Taylor . The road remained closed after the flood waters receded due to damage caused by the water.				
JACKSON COUNTY --- 1.8 SE SHAMROCK [44.16, -90.78], 0.8 SSE SHAMROCK [44.17, -90.79], 1.1 ESE SHAMROCK [44.17, -90.78], 1.9 ESE SHAMROCK [44.17, -90.77]				
	06/18/14 08:00 CST		5K	Flood (due to Heavy Rain)
	06/18/14 13:00 CST		0	Source: Emergency Manager
Runoff from heavy rain caused water to go over Thundercloud Road west of Millston . The road remained closed after the flood waters receded due to damage caused by the water.				
JACKSON COUNTY --- 3.7 SSE ALMA CENTER [44.38, -90.90], 3.9 SSE ALMA CENTER [44.38, -90.90], 3.8 SSE ALMA CENTER [44.38, -90.90], 3.6 SSE ALMA CENTER [44.38, -90.90]				
	06/18/14 08:00 CST		5K	Flood (due to Heavy Rain)
	06/18/14 13:00 CST		0	Source: Emergency Manager
Runoff from heavy rain caused water to go over East Casper Road north of Black River Falls . The road remained closed after the flood waters receded due to damage caused by the water.				
TREMPEALEAU COUNTY --- 1.9 W PINE CREEK [44.13, -91.56], 1.6 W PINE CREEK [44.13, -91.55], 1.6 W PINE CREEK [44.13, -91.55], 1.6 W PINE CREEK [44.13, -91.55], 1.9 W PINE CREEK [44.13, -91.56]				
	06/20/14 23:00 CST		0	Flood (due to Heavy Rain)
	06/23/14 04:15 CST		0	Source: River/Stream Gage
Runoff from heavy rain pushed the Trempealeau River out of its banks in Dodge. The river crested over a half foot above the flood stage at 9.64 feet.				
Thunderstorms developed during the early morning hours of June 18th along a nearly stationary front. These storms produced very heavy rain that led to flash flooding occurring across portions of Trempealeau, Jackson and Monroe Counties. In addition, these storms also produced some strong winds that knocked down trees near West Salem (La Crosse County) and Adams (Adams County).				
GRANT COUNTY --- 0.5 W SINSINAWA [42.52, -90.54]				
	06/18/14 06:00 CST		0	Heavy Rain
	06/19/14 06:00 CST		0	Source: COOP Observer
Near Sinsinawa, 3.78 inches of rain fell.				

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRANT COUNTY --- 1.2 NNW MUSCODA [43.20, -90.46], 1.3 NNE MUSCODA [43.20, -90.44], 2.0 E MUSCODA [43.18, -90.41], 0.6 S MUSCODA [43.17, -90.45]				
	06/19/14 00:15 CST		0	Flood (due to Heavy Rain)
	06/19/14 01:15 CST		0	Source: Law Enforcement
Runoff from heavy rain caused street flooding to occur in Muscodia.				
GRANT COUNTY --- 0.4 SW POTOSI [42.68, -90.73], 0.3 SW POTOSI [42.68, -90.72], 0.4 SW POTOSI [42.68, -90.73], 0.4 SW POTOSI [42.68, -90.73]				
	06/19/14 03:56 CST		5K	Flash Flood (due to Heavy Rain)
	06/19/14 05:30 CST		0	Source: Law Enforcement
Runoff from heavy rains caused a mud and rock slide to occur in Potosi closing State Highway 133.				
GRANT COUNTY --- 1.7 ENE TENNYSON [42.69, -90.65]				
	06/19/14 15:00 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/19/14 15:00 CST		0	Source: Law Enforcement
A few trees were blown down along County Road O between Potosi and Platteville.				
GRANT COUNTY --- 2.9 E WOODMAN [43.08, -90.74]				
	06/19/14 15:08 CST		0	Thunderstorm Wind (EG 50 kt)
	06/19/14 15:08 CST		0	Source: Law Enforcement
Trees were blown down southwest of Boscobel along Wisconsin River Valley Road.				
CRAWFORD COUNTY --- 1.5 NE PRAIRIE DU CHIEN [43.07, -91.13], 0.7 NNE PRAIRIE DU CHIEN ARP [43.03, -91.11], 0.8 WSW CRAWFORD [43.03, -91.14], 1.1 NNW PRAIRIE DU CHIEN [43.07, -91.16]				
	06/19/14 16:07 CST		0	Flood (due to Heavy Rain)
	06/19/14 17:45 CST		0	Source: Law Enforcement
Runoff from heavy rain caused street flooding to occur in Prairie du Chien.				
For the second day in a row, thunderstorms with heavy rain moved across southwest Wisconsin. A round of storms developed during the early morning hours of June 19th along a warm front and then a second round developed during the afternoon ahead of an approaching cold front. Radar estimates of 3 to 6 inches of rainfall were common across southern Crawford into Grant Counties.				
LA CROSSE COUNTY --- 0.7 NW LA CROSSE [43.81, -91.26], 0.5 WSW LA CROSSE [43.80, -91.26], 0.7 SW LA CROSSE [43.79, -91.26], 1.7 SSE LA CROSSE [43.78, -91.24], 1.8 S LA CROSSE [43.77, -91.24], 0.8 SW LA CROSSE [43.79, -91.26], 1.1 NW LA CROSSE [43.81, -91.27]				
	06/23/14 04:00 CST		0	Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: River/Stream Gage
Runoff from heavy rain and inflow from tributary streams pushed the Mississippi River out of its banks in La Crosse . The flooding continued into July with the crest occurring in July as well. The flooding closed 130 of the 400 campsites at Goose Island County Park and all 300 of the campsites at Pettibone Campground.				
LA CROSSE COUNTY --- 1.2 SE WEST LA CROSSE [43.84, -91.23]				
	06/23/14 18:30 CST		0	Funnel Cloud
	06/23/14 18:30 CST		0	Source: Law Enforcement
A funnel cloud was sighted over the northern sections of the city of La Crosse.				
Scattered thunderstorms developed during the early evening hours of June 23rd across western Wisconsin. Some of these storms produced funnel clouds over the northern sections of the city of La Crosse (La Crosse County).				
VERNON COUNTY --- 2.5 NNE HILLSBORO KCKAPOO AR [43.69, -90.32]				
	06/25/14 10:35 CST		0	Hail (0.88 in)
	06/25/14 10:35 CST		0	Source: Public
Scattered thunderstorms developed during the late morning hours of June 25th as an area of low pressure moved across western Wisconsin. Some of these storms dropped some hail near Hillsboro (Vernon County).				
CLARK COUNTY --- OWEN [44.95, -90.57]				

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/27/14 15:41 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	06/27/14 15:41 CST		0	Source: Public

A few trees and large branches were blown down in Owen that required a fire truck to be used to clear roadways.

TAYLOR COUNTY --- 0.9 SW POLLEY [45.12, -90.81]

	06/27/14 15:41 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/27/14 15:41 CST		0	Source: Law Enforcement

Power lines were blown down south of Gilman.

TAYLOR COUNTY --- 0.5 W GILMAN [45.17, -90.81]

	06/27/14 15:44 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	06/27/14 15:44 CST		0	Source: Trained Spotter

Wind gusts up to 60 mph were estimated to occur in Gilman. In addition, a 6 inch diameter tree was blown down onto a power line on County Road X.

TAYLOR COUNTY --- 6.9 W MEDFORD [45.14, -90.49]

	06/27/14 15:58 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/27/14 15:58 CST		0	Source: Law Enforcement

Power lines were blown west of Medford.

Thunderstorms developed ahead of a northward advancing warm front during the afternoon of June 27th. Some of these storms produced high winds that knocked down large tree branches and power lines from Longwood (Clark County) north to near Medford and Gilman (Taylor County).

LA CROSSE COUNTY --- 1.1 ESE LA CROSSE [43.79, -91.23]

	06/28/14 19:45 CST		2K	Thunderstorm Wind (EG 63 kt)
	06/28/14 19:45 CST		0	Source: Public

Trees were blown down near the intersection of Green Bay Street and East Ave in the city of La Crosse.

LA CROSSE COUNTY --- 1.0 NNE LA CROSSE [43.81, -91.24]

	06/28/14 19:46 CST		15K	Thunderstorm Wind (EG 50 kt)
	06/28/14 19:46 CST		0	Source: Broadcast Media

A tree was blown over onto a car in the city of La Crosse. One person was inside the car at the time, but did not sustain any injuries.

LA CROSSE COUNTY --- 1.2 ENE LA CROSSE [43.81, -91.23]

	06/28/14 19:46 CST		0	Thunderstorm Wind (EG 63 kt)
	06/28/14 19:46 CST		0	Source: NWS Employee

Numerous tree branches, some up to 6 inches in diameter, were blown down in the city of La Crosse.

LA CROSSE COUNTY --- 1.3 S WEST LA CROSSE [43.83, -91.25]

	06/28/14 19:46 CST		10K	Lightning
	06/28/14 19:46 CST		0	Source: Broadcast Media

Lightning struck a power pole with the electrical surge going into a nearby house and starting a small fire in a La Crosse home.

LA CROSSE COUNTY --- 1.3 S WEST LA CROSSE [43.83, -91.25]

	06/28/14 19:46 CST		25K	Thunderstorm Wind (EG 50 kt)
	06/28/14 19:46 CST		0	Source: Broadcast Media

A large tree was blown over in the city of La Crosse, falling on top of a car and garage.

LA CROSSE COUNTY --- 1.5 S WEST LA CROSSE [43.83, -91.25]

	06/28/14 19:46 CST		25K	Thunderstorm Wind (EG 50 kt)
	06/28/14 19:46 CST		0	Source: Broadcast Media

A city of La Crosse homeowner had several trees blown over. One of the larger trees fell on the house leaving several holes in the roof.

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LA CROSSE COUNTY --- WEST SALEM [43.90, -91.08]				
	06/28/14 19:47 CST		3K	Thunderstorm Wind (EG 50 kt)
	06/28/14 19:47 CST		0	Source: Amateur Radio
A 2 foot diameter tree was blown down onto a garage in West Salem.				
LA CROSSE COUNTY --- 0.5 W (LSE)LA CROSSE MUNI [43.88, -91.26]				
	06/28/14 19:48 CST		50K	Thunderstorm Wind (EG 50 kt)
	06/28/14 19:48 CST		0	Source: Broadcast Media
An industrial warehouse near the La Crosse airport suffered wind damage with the debris spread across a parking lot and onto the airfield.				
LA CROSSE COUNTY --- 0.9 NE ONALASKA [43.89, -91.22]				
	06/28/14 19:50 CST		2K	Thunderstorm Wind (EG 63 kt)
	06/28/14 19:50 CST		0	Source: Trained Spotter
Numerous tree branches were blown down and moved a distance of at least 100 feet. A electrical transformer was also blown out on the northeast side of Onalaska.				
LA CROSSE COUNTY --- 1.1 NE LA CROSSE [43.81, -91.23], 1.4 ENE LA CROSSE [43.81, -91.22], 1.4 ENE LA CROSSE [43.81, -91.22], 1.0 ENE LA CROSSE [43.81, -91.23]				
	06/28/14 19:50 CST		40K	Flood (due to Heavy Rain)
	06/28/14 21:00 CST		0	Source: NWS Employee
Runoff from heavy rain caused street flooding to occur in the city of La Crosse . The heavy rain also flooded the building of a local food pantry destroying some of the food that was stored in the building.				
LA CROSSE COUNTY --- 0.4 NE MIDWAY [43.94, -91.24]				
	06/28/14 19:54 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/28/14 19:54 CST		0	Source: NWS Employee
Numerous trees were blown down or uprooted from estimated gusts of at least 60 mph on the southeast side of Holmen. Winds gusted from the south or southeast and knocked down a lot of trees along South Pleasant on the south end of the village.				
LA CROSSE COUNTY --- 1.5 E MIDWAY [43.93, -91.22]				
	06/28/14 19:54 CST		2K	Thunderstorm Wind (EG 62 kt)
	06/28/14 19:54 CST		0	Source: Trained Spotter
Trees were blown down southeast of Holmen.				
LA CROSSE COUNTY --- 0.9 SW HOLMEN [43.96, -91.26]				
	06/28/14 19:55 CST		2K	Thunderstorm Wind (EG 56 kt)
	06/28/14 19:55 CST		0	Source: Public
Trees were blown down in Holmen.				
<p>Thunderstorms developed across western Wisconsin during the evening hours of June 28th ahead of a trough of low pressure. Several of these storms produced high winds that caused considerable damage in the city of La Crosse north into Holmen (La Crosse County). Numerous trees and power lines were blown down by winds that gusted to at least 60 mph. At least 7,000 customers in the La Crosse area were without power. The power outage took out street lights and stop lights across much of the city.</p>				
GRANT COUNTY --- 1.2 WNW MT IDA [42.97, -90.79]				
	06/29/14 20:44 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/29/14 20:44 CST		0	Source: Broadcast Media
A vehicle was blown over east of Mt. Hope along U.S. Highway 18.				
GRANT COUNTY --- 0.9 NW FENNIMORE [42.99, -90.66]				
	06/29/14 20:56 CST		13K	Thunderstorm Wind (EG 53 kt)
	06/29/14 20:56 CST		0	Source: Emergency Manager
Trees and power lines were blown down near Fennimore. Two trucks were overturned at a cement plant just north of town.				

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRANT COUNTY --- 1.4 NNE FENNIMORE [43.00, -90.64], 2.5 W CENTERVILLE [43.00, -90.48]				
	06/29/14 21:00 CST		0.41M	Tornado (EF1, L: 8.18 mi , W: 600 yd)
	06/29/14 21:11 CST		6K	Source: NWS Storm Survey
A tornado touched down 2 miles northeast of Fennimore and skipped along an east path to 3 miles northwest of Montfort. The tornado damaged several mature hardwood trees, several outbuildings and three homes. On one farm alone, eight buildings were destroyed. The homes sustained minor damage compared to the hardwood trees and outbuildings. The tornado was rated an EF1 with maximum estimated winds of 110 mph. Total path length was 8.2 miles and the maximum width of the tornado was 600 yards.				
GRANT COUNTY --- 2.1 ESE CASTLE ROCK [43.04, -90.49]				
	06/29/14 21:09 CST		5K	Thunderstorm Wind (EG 50 kt)
	06/29/14 21:09 CST		0	Source: Broadcast Media
A tree was blown down onto a house near Castle Rock.				
GRANT COUNTY --- FAIRPLAY [42.53, -90.57]				
	06/29/14 21:16 CST		15K	Thunderstorm Wind (EG 50 kt)
	06/29/14 21:16 CST		0	Source: Law Enforcement
A barn was blown down west of Sinsinawa.				
CRAWFORD COUNTY --- 1.2 NE PRAIRIE DU CHIEN [43.06, -91.14], 0.6 NNE PRAIRIE DU CHIEN ARP [43.03, -91.11], 0.7 WSW CRAWFORD [43.02, -91.14], 1.0 N PRAIRIE DU CHIEN [43.06, -91.15]				
	06/29/14 21:20 CST		0	Flood (due to Heavy Rain)
	06/29/14 22:50 CST		0	Source: Law Enforcement
Runoff from heavy rain caused street flooding to occur in Prairie du Chien.				
CRAWFORD COUNTY --- 4.0 S CHARME [43.11, -91.14], 4.7 SSE CHARME [43.11, -91.08], 4.9 SSE CHARME [43.11, -91.08], 4.1 N PRAIRIE DU CHIEN [43.11, -91.14]				
	06/29/14 21:20 CST		50K	Flash Flood (due to Heavy Rain)
	06/29/14 23:30 CST		0	Source: Law Enforcement
Runoff from heavy rain caused a small creek north of Prairie du Chien to go out of its banks and cause some damage along Mill Coulee Road . Private driveways were washed out along with concrete sections of the road.				
RICHLAND COUNTY --- 2.1 NNW ORION [43.23, -90.44], 0.4 W ORION [43.20, -90.44], 0.9 W ORION [43.20, -90.45], 2.2 NNW ORION [43.23, -90.44]				
	06/29/14 21:37 CST		0	Flash Flood (due to Heavy Rain)
	06/29/14 23:10 CST		0	Source: Trained Spotter
Runoff from heavy rain overwhelmed culverts and drainage ditches sending water over roads northeast of Eagle Corners . Along State Highway 60 east of the Eagle Corners boat landing, water and small rocks were flowing over the road.				
RICHLAND COUNTY --- 1.0 NW TWIN BLUFFS [43.29, -90.34], 0.7 WNW TWIN BLUFFS [43.29, -90.33], 0.8 WNW TWIN BLUFFS [43.28, -90.33], 1.1 NW TWIN BLUFFS [43.29, -90.34]				
	06/29/14 21:46 CST		0	Flash Flood (due to Heavy Rain)
	06/29/14 23:15 CST		0	Source: Amateur Radio
Runoff from heavy rain pushed small streams out of their banks with water over County Highway TB near the intersection with County Highway O south of Richland Center.				
A cluster of severe thunderstorms developed ahead of an advancing cold front over northeast Iowa during the evening of June 29th. As these storms moved across southwest Wisconsin they produced a tornado near Fennimore (Grant County) that produced considerable tree damage, destroyed several farm outbuildings and damaged three homes. The storms also produced damaging winds that blew over vehicles near Mt. Hope (Grant County) and Fennimore. Barns were blown down near Sinsinawa (Grant County) and Louisburg (Grant County).				
GRANT COUNTY --- 0.7 N PATCH GROVE [42.94, -90.97]				
	06/30/14 14:44 CST		2K	Thunderstorm Wind (EG 50 kt)
	06/30/14 14:44 CST		0	Source: Emergency Manager
Trees were blown down in Patch Grove.				

Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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GRANT COUNTY --- 2.9 WSW WERLEY [43.00, -90.82]	06/30/14 14:50 CST		2K	Thunderstorm Wind (EG 61 kt)
	06/30/14 14:50 CST		0	Source: Trained Spotter
Estimated wind gusts of 60 to 70 mph occurred northeast of Mt. Hope that blew down some trees.				
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GRANT COUNTY --- 2.1 NNE LANCASTER [42.88, -90.71]	06/30/14 15:00 CST		0	Thunderstorm Wind (MG 68 kt)
	06/30/14 15:00 CST		0	Source: Law Enforcement
A wind gust of 78 mph was measured north of Lancaster.				
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GRANT COUNTY --- LIVINGSTON [42.90, -90.43]	06/30/14 15:11 CST		0	Funnel Cloud
	06/30/14 15:11 CST		0	Source: Emergency Manager
A funnel cloud was sighted in Livingston.				
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GRANT COUNTY --- LIVINGSTON [42.90, -90.43]	06/30/14 15:11 CST		0	Thunderstorm Wind (MG 61 kt)
	06/30/14 15:11 CST		0	Source: Emergency Manager
A wind gust to 70 mph was measured in Livingston.				
 Severe thunderstorms developed during the afternoon of June 30th across southwest Wisconsin ahead of a cold front. As these storms moved across the area, they primarily produced strong winds that blew down trees and power lines. A measured gust of 78 mph occurred near Lancaster (Grant County) with other reports of 60 to 70 mph gusts across Grant County.				