

Storm Data and Unusual Weather Phenomena - June 2015

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------|
| IOWA, Northeast | | | | |
| CLAYTON COUNTY --- 0.7 N ELKADER [42.86, -91.40] | | | | |
| | 06/22/15 05:27 CST | | 0 | Hail (1.00 in) |
| | 06/22/15 05:27 CST | | 30K | Source: Public |
| Quarter sized hail fell in Elkader. Around a 1000 acres of corn and beans were damaged by the hail northeast of Elkader. | | | | |
| HOWARD COUNTY --- CRESCO [43.38, -92.12] | | | | |
| | 06/22/15 05:48 CST | | 0 | Hail (1.25 in) |
| | 06/22/15 05:48 CST | | 0 | Source: Public |
| Half dollar sized hail was reported near Cresco. | | | | |
| MITCHELL COUNTY --- 2.0 N STACYVILLE [43.46, -92.78], 2.0 N STACYVILLE [43.46, -92.77], 1.9 N STACYVILLE [43.46, -92.77], 1.9 N STACYVILLE [43.46, -92.77], 1.9 N STACYVILLE [43.46, -92.78] | | | | |
| | 06/22/15 06:00 CST | | 0.20M | Flash Flood (due to Heavy Rain) |
| | 06/22/15 08:00 CST | | 0 | Source: Law Enforcement |
| Locally heavy rains caused the Little Cedar River to rapidly come out of its banks and wash out 480 th Street between Monument and Ocean Avenues north of Stacyville. | | | | |
| WINNESHIEK COUNTY --- DECORAH [43.30, -91.80] | | | | |
| | 06/22/15 06:00 CST | | 2K | Lightning |
| | 06/22/15 06:00 CST | | 0 | Source: Broadcast Media |
| A lightning strike took out the Decorah eagle web camera. | | | | |
| FLOYD COUNTY --- 0.7 S MARBLE ROCK [42.96, -92.87] | | | | |
| | 06/22/15 06:37 CST | | 15K | Thunderstorm Wind (EG 56 kt) |
| | 06/22/15 06:37 CST | | 0 | Source: Fire Department/Rescue |
| An estimated 65 mph wind gust occurred in Marble Rock that blew down trees and power lines. Two large, empty fertilizer bins were blown off their foundation. | | | | |
| FLOYD COUNTY --- 1.7 ENE POWERSVILLE [42.94, -92.67] | | | | |
| | 06/22/15 06:45 CST | | 0 | Thunderstorm Wind (EG 55 kt) |
| | 06/22/15 06:45 CST | | 0.89M | Source: Fire Department/Rescue |
| Fields of corn were flattened and large tree branches were blow down west of Nashua. | | | | |
| WINNESHIEK COUNTY --- 1.6 NE DECORAH TATRO ARPT [43.33, -91.80], 1.3 ENE DECORAH TATRO ARPT [43.32, -91.81], 1.1 ESE DECORAH TATRO ARPT [43.31, -91.81], 1.0 ESE DECORAH TATRO ARPT [43.31, -91.81], 1.0 E DECORAH TATRO ARPT [43.32, -91.81], 1.5 NE DECORAH TATRO ARPT [43.33, -91.81] | | | | |
| | 06/22/15 06:45 CST | | 50K | Flash Flood (due to Heavy Rain) |
| | 06/22/15 08:00 CST | | 0 | Source: Broadcast Media |
| Heavy rain in the Decorah area caused a small creek on the north side of town to go out of its banks. The flood waters damaged some homes as water went into basements. | | | | |
| CHICKASAW COUNTY --- 0.5 W NASHUA [42.95, -92.54] | | | | |
| | 06/22/15 06:54 CST | | 3K | Thunderstorm Wind (EG 62 kt) |
| | 06/22/15 06:54 CST | | 0 | Source: Public |
| Numerous trees were blown down in Nashua. | | | | |
| HOWARD COUNTY --- 1.1 ENE CRESCO [43.39, -92.10], 1.2 ESE CRESCO [43.37, -92.10], 0.9 SE CRESCO MUNI ARPT [43.36, -92.12], 0.6 WNW CRESCO MUNI ARPT [43.37, -92.14], 0.4 N CRESCO [43.39, -92.12] | | | | |
| | 06/22/15 06:54 CST | | 0 | Flood (due to Heavy Rain) |
| | 06/22/15 08:30 CST | | 0 | Source: Law Enforcement |

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Locally heavy rain caused street flooding to occur in Cresco, temporarily causing law enforcement to close off some streets.

ALLAMAKEE COUNTY --- 3.5 S WAUKON MUNI ARPT [43.22, -91.47]

| | | |
|--------------------|----|------------------------------|
| 06/22/15 07:10 CST | 3K | Thunderstorm Wind (EG 50 kt) |
| 06/22/15 07:10 CST | 0 | Source: Law Enforcement |

Trees were blown down south of Waukon.

FAYETTE COUNTY --- 3.3 SE MAYNARD [42.74, -91.82], 2.8 S ARLINGTON [42.71, -91.67]

| | | |
|--------------------|-------|------------------------------|
| 06/22/15 07:17 CST | 3.10M | Thunderstorm Wind (EG 58 kt) |
| 06/22/15 07:28 CST | 0 | Source: Emergency Manager |

A path of wind damage occurred across southern Fayette County . Numerous trees and power lines were downed, several roofs were blown off farm buildings, metal corn bins were caved in and pieces of siding and roofing were strewn throughout farm fields. One home was destroyed, 17 farms received major damage and 10 cows were killed.

MITCHELL COUNTY --- 1.7 ENE BAILEY [43.48, -92.59], 1.6 NE BAILEY [43.48, -92.59], 2.0 NE BAILEY [43.49, -92.59], 2.1 NE BAILEY [43.49, -92.59]

| | | |
|--------------------|-----|---------------------------------|
| 06/22/15 07:17 CST | 50K | Flash Flood (due to Heavy Rain) |
| 06/22/15 09:30 CST | 0 | Source: Law Enforcement |

Two small creeks north of McIntire went out of their banks and sent water over Walnut Avenue in the vicinity of 500th Street.

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

| | | |
|--------------------|-----|------------------------------|
| 06/22/15 07:19 CST | 30K | Thunderstorm Wind (EG 59 kt) |
| 06/22/15 07:19 CST | 0 | Source: Law Enforcement |

Multiple trees were blown down across Oelwein. At least one home sustained roof damage from a fallen tree. The locally heavy rain also caused some minor street flooding.

FAYETTE COUNTY --- 3.3 ESE MAYNARD [42.75, -91.81], 4.7 ESE MAYNARD [42.74, -91.78]

| | | |
|--------------------|-------|--------------------------------------|
| 06/22/15 07:21 CST | 0.10M | Tornado (EF1, L: 1.52 mi , W: 50 yd) |
| 06/22/15 07:23 CST | 2 | Source: NWS Storm Survey |

The tornado started about 4 miles southeast of Maynard and ended approximately 5 miles southeast of Maynard. The tornado destroyed a farmhouse by moving it off its foundation and it then fell into the basement . Two people inside the house sustained non-life threatening injuries. The tornado also damaged crops, trees and farm buildings.

ALLAMAKEE COUNTY --- 0.5 E POSTVILLE [43.08, -91.57]

| | | |
|--------------------|----|------------------------------|
| 06/22/15 07:23 CST | 5K | Thunderstorm Wind (EG 50 kt) |
| 06/22/15 07:23 CST | 0 | Source: Law Enforcement |

Trees were blown down and the power knocked out in Postville.

ALLAMAKEE COUNTY --- 0.5 NNE WAUKON MUNI ARPT [43.28, -91.47], 0.1 SE WAUKON MUNI ARPT [43.27, -91.47], 0.8 SW WAUKON [43.26, -91.49], 0.8 NNW WAUKON [43.28, -91.49]

| | | |
|--------------------|---|---------------------------|
| 06/22/15 07:23 CST | 0 | Flood (due to Heavy Rain) |
| 06/22/15 09:00 CST | 0 | Source: Law Enforcement |

Locally heavy rain caused some street flooding in Waukon.

CLAYTON COUNTY --- 0.5 ENE MC GREGOR [43.02, -91.17], 0.7 NNE MC GREGOR [43.03, -91.17], 0.7 WNW MC GREGOR [43.03, -91.19], 0.3 SSW MC GREGOR [43.02, -91.18]

| | | |
|--------------------|---|---------------------------|
| 06/22/15 07:25 CST | 0 | Flood (due to Heavy Rain) |
| 06/22/15 09:30 CST | 0 | Source: Law Enforcement |

Locally heavy rain produced street flooding in McGregor.

CLAYTON COUNTY --- STRAWBERRY PT [42.68, -91.53], 5.8 SE TURKEY RIVER [42.68, -90.96]

| | | |
|--------------------|-----|------------------------------|
| 06/22/15 07:31 CST | 50K | Thunderstorm Wind (EG 58 kt) |
| 06/22/15 07:58 CST | 0 | Source: Newspaper |

Numerous trees were blown down and barns damaged along a path from near Strawberry Point to North Buena Vista . Some cattle were killed from the damage that occurred to the barns.

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------------|
| CLAYTON COUNTY --- 2.5 WSW ELKPORT [42.71, -91.32] | | | | |
| | 06/22/15 07:37 CST | | 0.20M | Thunderstorm Wind (EG 58 kt) |
| | 06/22/15 07:37 CST | | 0 | Source: Law Enforcement |
| An Amish grocery store near Garber was destroyed when the roof was blown off and some of the walls subsequently collapsed. | | | | |
| CLAYTON COUNTY --- 1.0 NNE GARBER [42.74, -91.26], 1.3 ESE GARBER [42.73, -91.25] | | | | |
| | 06/22/15 07:43 CST | | 50K | Thunderstorm Wind (EG 58 kt) |
| | 06/22/15 07:45 CST | | 0 | Source: NWS Storm Survey |
| Farm buildings were damaged or blown over along a path from Garber to about 2 miles southeast of Garber. | | | | |
| CLAYTON COUNTY --- OSTERDOCK [42.77, -91.17] | | | | |
| | 06/22/15 07:50 CST | | 30K | Thunderstorm Wind (EG 50 kt) |
| | 06/22/15 07:50 CST | | 0 | Source: Public |
| Trees were blown down and one home sustained severe roof damage in Osterdock. | | | | |
| ALLAMAKEE COUNTY --- 0.5 N CHESTER [43.48, -91.52], 0.9 WNW DORCHESTER [43.49, -91.57], 0.9 NW DORCHESTER [43.49, -91.56], 1.1 NE DORCHESTER [43.49, -91.53], 0.9 N CHESTER [43.48, -91.52] | | | | |
| | 06/22/15 07:52 CST | | 0 | Flash Flood (due to Heavy Rain) |
| | 06/22/15 10:00 CST | | 0 | Source: Mesonet |
| Locally heavy rain caused Waterloo Creek to flood northwest of Dorchester within 30 minutes of the rain beginning. | | | | |
| CLAYTON COUNTY --- 1.4 S GUTTENBURG [42.76, -91.10], 0.4 SSW MILLVILLE [42.70, -91.07] | | | | |
| | 06/22/15 07:52 CST | | 0.20M | Thunderstorm Wind (EG 58 kt) |
| | 06/22/15 07:52 CST | | 0 | Source: Emergency Manager |
| A large area of wind damage occurred between Guttenberg and Millville along U.S. Highway 52. A barn roof was blown off and several other barns were blown down near Millville. Numerous trees were blown down causing U.S. Highway 52 to be closed and a parked semi and trailer were overturned by the winds. | | | | |
| ALLAMAKEE COUNTY --- 3.4 S CHESTER [43.42, -91.51], 3.5 S CHESTER [43.42, -91.51], 3.0 S CHESTER [43.43, -91.52], 3.0 S CHESTER [43.43, -91.52] | | | | |
| | 06/22/15 12:15 CST | | 0 | Flood (due to Heavy Rain) |
| | 06/23/15 07:20 CST | | 0 | Source: River/Stream Gage |
| Heavy rains caused the Upper Iowa River to go out of its banks near Dorchester. The river crested around two and a half feet above the flood stage at 16.59 feet. | | | | |
| 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] | | | | |
| | 06/23/15 11:10 CST | | 0 | Flood (due to Heavy Rain) |
| | 06/24/15 14:20 CST | | 0 | Source: River/Stream Gage |
| Heavy rains caused the Cedar River to go out of its banks in Charles City. The river crested over two feet above the flood stage at 14.27 feet. | | | | |
| <p>An early morning squall line moved across northeast Iowa on June 22nd. This squall line produced winds of 60 to 70 mph and at least one tornado. The tornado destroyed one farm house near Maynard (Fayette County) causing injuries to both occupants of the house. Several other nearby farms sustained damage to crops, trees, and barns. As the squall line moved across northeast Iowa it produced a swath of wind damage starting near Marble Rock (Floyd County) to around Guttenberg (Clayton County). Within this swath, a 65 mph wind gust was measured in Marble Rock that took down trees and power lines, around 17 farms sustained damage across southern Fayette County, and an Amish grocery store was destroyed near Garber (Clayton County). Preliminary damage estimates for Fayette County are in excess of \$3 million. Locally heavy rains also produced some flash flooding with 480th Street washed out south of Stacyville (Floyd County) and Waterloo Creek came out of its banks near Dorchester (Allamakee County) within 30 minutes of the rain starting. The State of Iowa Governor issued a disaster proclamation for the following counties: Allamakee, Clayton, Howard, Mitchell and Winneshiek. A federal disaster declaration was made for Allamakee, Chickasaw, Clayton, Fayette, Howard, Mitchell and Winneshiek Counties.</p> | | | | |
| ALLAMAKEE COUNTY --- 1.7 NW LANSING [43.40, -91.25] | | | | |

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|----------|--------------------|-------------------|---------------------|------------------------|
| | 06/29/15 17:08 CST | | 0 | Hail (1.00 in) |
| | 06/29/15 17:08 CST | | 0 | Source: Public |

Quarter sized hail fell northwest of Lansing.

ALLAMAKEE COUNTY --- 3.4 SW WEXFORD [43.24, -91.21]

| | | | | |
|--|--------------------|--|---|----------------|
| | 06/29/15 17:20 CST | | 0 | Hail (1.00 in) |
| | 06/29/15 17:20 CST | | 0 | Source: Public |

Quarter sized hail fell northwest of Harpers Ferry.

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

| | | | | |
|--|--------------------|--|---|----------------|
| | 06/29/15 17:28 CST | | 0 | Hail (0.88 in) |
| | 06/29/15 17:28 CST | | 0 | Source: Public |

Large hail fell over portions of northeast Iowa during the late afternoon of June 29th. The storms moved south out of Minnesota and dropped hail over the northeast half of Allamakee County before moving into Wisconsin. The largest hail reported was quarter sized near Lansing and Harpers Ferry (Allamakee County).

MINNESOTA, Southeast

MOWER COUNTY --- 1.0 E MAPLEVIEW [43.68, -92.96], 0.5 ENE MAPLEVIEW [43.68, -92.97], 1.0 ESE AUSTIN ACRES [43.65, -92.98], 1.5 SSW AUSTIN [43.65, -92.94], 0.8 SSW AUSTIN [43.66, -92.94], 0.6 NW AUSTIN [43.68, -92.94]

| | | | | |
|--|--------------------|--|-----|---------------------------------|
| | 06/22/15 06:30 CST | | 10K | Flash Flood (due to Heavy Rain) |
| | 06/22/15 08:30 CST | | 0 | Source: Law Enforcement |

Interstate 90 in Austin was closed as parts of it became submerged by flood waters. A car was totaled after running into a fire truck on the flooded portion of Interstate 90. U.S. Highway 218 on the east side of Austin also had water on the road and there were numerous reports of street flooding.

MOWER COUNTY --- 0.7 WNW AUSTIN [43.68, -92.94], 1.0 WNW AUSTIN [43.67, -92.95], 1.0 WNW AUSTIN [43.67, -92.95], 0.7 NW AUSTIN [43.68, -92.94], 0.7 NW AUSTIN [43.68, -92.94], 0.6 NW AUSTIN [43.68, -92.94], 0.6 NW AUSTIN [43.68, -92.94], 0.7 NW AUSTIN [43.68, -92.94]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 06/22/15 12:25 CST | | 0 | Flood (due to Heavy Rain) |
| | 06/22/15 17:20 CST | | 0 | Source: River/Stream Gage |

Locally heavy rains caused Dobbins Creek in Austin to go out of its banks. The creek crested less than a half foot above the flood stage at 11.9 feet.

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]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 06/22/15 22:15 CST | | 0 | Flood (due to Heavy Rain) |
| | 06/23/15 10:30 CST | | 0 | Source: River/Stream Gage |

Locally heavy rains caused Turtle Creek near Austin to go out of its banks. The creek crested less than a half foot above the flood stage at 10.66 feet.

A line of thunderstorms with very heavy rain moved across southeast Minnesota during the early morning of June 22nd. In the Austin (Mower County) area, over three inches of rain fell in about three hours. This rain overwhelmed the drainage systems in the city causing considerable urban flooding to occur. Interstate 90 was closed as parts of it became completely submerged in water and U.S. Highway 218 on the east side of the city also had water on it.

WINONA COUNTY --- 2.0 SE HOMER [44.00, -91.54]

| | | | | |
|--|--------------------|--|---|--------------------------------|
| | 06/29/15 15:36 CST | | 0 | Hail (1.00 in) |
| | 06/29/15 15:36 CST | | 0 | Source: Fire Department/Rescue |

Quarter sized hail was reported east of Pickwick.

WINONA COUNTY --- 2.1 N NODINE [43.93, -91.45]

| | | | | |
|--|--------------------|--|---|----------------|
| | 06/29/15 15:55 CST | | 0 | Hail (0.75 in) |
| | 06/29/15 15:55 CST | | 0 | Source: Public |

HOUSTON COUNTY --- 2.0 W RIVER JCT [43.83, -91.36]

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| | 06/29/15 16:11 CST | | 0 | Hail (1.00 in) |
| | 06/29/15 16:11 CST | | 0 | Source: Broadcast Media |

Quarter sized hail fell west of La Crescent.

HOUSTON COUNTY --- 2.0 W RIVER JCT [43.83, -91.36]

| | | | | |
|--|--------------------|--|---|-------------------------|
| | 06/29/15 16:15 CST | | 0 | Hail (1.50 in) |
| | 06/29/15 16:15 CST | | 0 | Source: Broadcast Media |

Golfball sized hail fell west of La Crescent. The damage from the hail completely destroyed the apple crop at an orchard.

HOUSTON COUNTY --- 3.0 W BROWNSVILLE [43.70, -91.34]

| | | | | |
|--|--------------------|--|---|----------------|
| | 06/29/15 16:28 CST | | 0 | Hail (1.00 in) |
| | 06/29/15 16:28 CST | | 0 | Source: Public |

Quarter sized hail was reported west of Brownsville.

HOUSTON COUNTY --- 2.1 S BROWNSVILLE [43.67, -91.28]

| | | | | |
|--|--------------------|--|---|----------------|
| | 06/29/15 16:38 CST | | 0 | Hail (0.88 in) |
| | 06/29/15 16:38 CST | | 0 | Source: Public |

OLMSTED COUNTY --- 3.1 NNW ROCHESTER [44.07, -92.50]

| | | | | |
|--|--------------------|--|---|-------------------------|
| | 06/29/15 18:51 CST | | 0 | Hail (0.88 in) |
| | 06/29/15 18:51 CST | | 0 | Source: Broadcast Media |

OLMSTED COUNTY --- 1.5 SSW ROCHESTER [44.01, -92.48]

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 06/29/15 19:02 CST | | 0 | Hail (1.00 in) |
| | 06/29/15 19:04 CST | | 0 | Source: Amateur Radio |

Up to quarter sized hail fell in Rochester.

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

| | | | | |
|--|--------------------|--|---|-------------------------|
| | 06/29/15 19:06 CST | | 0 | Hail (1.00 in) |
| | 06/29/15 19:06 CST | | 0 | Source: Trained Spotter |

Quarter sized hail fell just south of Rochester.

OLMSTED COUNTY --- 3.5 N (RST) ROCHESTER MUNI [43.97, -92.50]

| | | | | |
|--|--------------------|--|---|-------------------------|
| | 06/29/15 19:07 CST | | 0 | Hail (1.50 in) |
| | 06/29/15 19:07 CST | | 0 | Source: Trained Spotter |

Walnut sized hail was reported near the Rochester airport.

OLMSTED COUNTY --- 1.2 NE (RST) ROCHESTER MUNI [43.93, -92.48]

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 06/29/15 19:16 CST | | 0 | Hail (0.75 in) |
| | 06/29/15 19:16 CST | | 0 | Source: COOP Observer |

Large hail fell over portions of southeast Minnesota during the late afternoon and evening of June 29th. The storms moved south out of western Wisconsin and started dropping hail over the eastern portions of Winona County. The storms continued south across Houston County before exiting into Iowa. Additional storms developed that dropped large hail in Rochester (Olmsted County). The largest hail reported was golfball ball sized near La Crescent (Houston County).

WISCONSIN, Southwest

MONROE COUNTY --- 0.2 SSW LEON [43.88, -90.83]

| | | | | |
|--|--------------------|--|----|------------------------------|
| | 06/09/15 22:03 CST | | 5K | Thunderstorm Wind (EG 38 kt) |
| | 06/09/15 22:03 CST | | 0 | Source: Public |

Around a half dozen large and healthy trees were snapped off by the winds from a thunderstorm. A trailer was also moved by the winds and sustained damage when a tree fell on it.

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|----------|-----------|-------------------|---------------------|------------------------|

Isolated wind damage from a thunderstorm occurred near Leon (Monroe County) during the late evening of June 9th. The winds snapped off at least a half dozen large trees and a trailer was moved and sustained damage when one of the trees fell on it.

LA CROSSE COUNTY --- 1.4 N CALVERT [43.77, -91.22]

| | | | | |
|--------------------|--|---|--|----------------|
| 06/15/15 11:35 CST | | 0 | | Heavy Rain |
| 06/15/15 14:52 CST | | 0 | | Source: Public |

On the south side of the city of La Crosse, 2.41 inches of rain fell.

MONROE COUNTY --- 0.9 NE SPARTA [43.94, -90.81]

| | | | | |
|--------------------|--|---|--|--------------|
| 06/15/15 11:55 CST | | 0 | | Heavy Rain |
| 06/15/15 15:42 CST | | 0 | | Source: AWOS |

The automated weather observing equipment at the Sparta airport measured 2.8 inches of rain.

LA CROSSE COUNTY --- 1.7 N CALVERT [43.77, -91.22], 1.7 N CALVERT [43.77, -91.22], 1.3 NNE CALVERT [43.77, -91.21], 1.1 NNE CALVERT [43.76, -91.21], 1.1 NNE CALVERT [43.76, -91.21], 1.3 NNE CALVERT [43.77, -91.21]

| | | | | |
|--------------------|--|---|--|---------------------------|
| 06/15/15 12:15 CST | | 0 | | Flood (due to Heavy Rain) |
| 06/15/15 13:45 CST | | 0 | | Source: Social Media |

Heavy rainfall rates overcame the drainage system on the south side of the city of La Crosse causing street flooding to occur along U.S. Highways 14/61.

LA CROSSE COUNTY --- 1.5 S BANGOR [43.88, -91.00], 1.7 S BANGOR [43.88, -91.00], 1.6 S BANGOR [43.88, -90.99], 1.4 S BANGOR [43.88, -91.00]

| | | | | |
|--------------------|--|---|--|---------------------------------|
| 06/15/15 14:15 CST | | 0 | | Flash Flood (due to Heavy Rain) |
| 06/15/15 15:15 CST | | 0 | | Source: Law Enforcement |

Heavy rain caused a mudslide that blocked both lanes of traffic on State Highway 162 south of Bangor.

LA CROSSE COUNTY --- 0.6 SE BANGOR [43.89, -90.99], 0.7 SSE BANGOR [43.89, -90.99], 0.7 SSE BANGOR [43.89, -90.99], 0.6 SE BANGOR [43.89, -90.99]

| | | | | |
|--------------------|--|-----|--|---------------------------------|
| 06/15/15 14:45 CST | | 20K | | Flash Flood (due to Heavy Rain) |
| 06/15/15 15:45 CST | | 0 | | Source: Social Media |

Heavy rains caused Dutch Creek to quickly go out of its banks and take out a pedestrian bridge in Veterans Memorial Park and a snowmobile bridge . The pedestrian bridge was destroyed while the snowmobile bridge was designed to be moveable and only sustained minor damage.

Thunderstorms with very high rainfall rates and heavy rain moved across western Wisconsin during the afternoon hours of June 15th. The rainfall resulted in a mudslide south of Bangor (La Crosse County) that blocked both lanes of traffic on State Highway 162. The rain also caused Dutch Creek to come out of its banks and take out a snowmobile trail bridge and a pedestrian bridge in Bangor. The high rainfall rates overcame the drainage system on the south side of the city of La Crosse (La Crosse County) resulting in street flooding.

CRAWFORD COUNTY --- 0.9 SE PRAIRIE DU CHIEN [43.04, -91.14]

| | | | | |
|--------------------|--|---|--|----------------|
| 06/22/15 06:13 CST | | 0 | | Hail (0.75 in) |
| 06/22/15 06:13 CST | | 0 | | Source: Public |

CRAWFORD COUNTY --- 0.9 NE PRAIRIE DU CHIEN [43.06, -91.14]

| | | | | |
|--------------------|--|---|--|----------------|
| 06/22/15 06:15 CST | | 0 | | Hail (1.00 in) |
| 06/22/15 06:15 CST | | 0 | | Source: Public |

Multiple reports of quarter sized hail were received from the north side of Prairie du Chien.

CRAWFORD COUNTY --- 1.7 ENE CRAWFORD [43.04, -91.10]

| | | | | |
|--------------------|--|---|--|-------------------------|
| 06/22/15 06:19 CST | | 0 | | Hail (1.50 in) |
| 06/22/15 06:19 CST | | 0 | | Source: Law Enforcement |

Half dollar sized hail fell just northeast of Prairie du Chien.

CRAWFORD COUNTY --- 2.6 NW WAUZEKA [43.11, -90.91]

| | | | | |
|--------------------|--|---|--|----------------|
| 06/22/15 06:40 CST | | 0 | | Hail (1.00 in) |
| 06/22/15 06:40 CST | | 0 | | Source: Public |

Quarter sized hail fell just northwest of Wauzeka.

Storm Data and Unusual Weather Phenomena - June 2015

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------------|
| GRANT COUNTY --- 3.7 NE MILLVILLE [43.07, -90.88] | | | | |
| | 06/22/15 06:43 CST | | 0 | Hail (1.25 in) |
| | 06/22/15 06:43 CST | | 0 | Source: Public |
| Half dollar sized hail fell just south of Wauzeka. | | | | |
| CRAWFORD COUNTY --- 2.3 NE CRAWFORD [43.06, -91.10] | | | | |
| | 06/22/15 07:36 CST | | 5K | Thunderstorm Wind (EG 57 kt) |
| | 06/22/15 07:36 CST | | 0 | Source: Law Enforcement |
| Multiple power poles were snapped off along State Highway 27 just east of Prairie du Chien. | | | | |
| CRAWFORD COUNTY --- 3.5 SSW STEUBEN [43.14, -90.89], 2.8 SSW STEUBEN [43.14, -90.86] | | | | |
| | 06/22/15 07:50 CST | | 10K | Tornado (EF0, L: 1.32 mi , W: 35 yd) |
| | 06/22/15 07:52 CST | | 0 | Source: NWS Storm Survey |
| A small tornado damaged trees along its path in southern Crawford County between Wauzeka and Steuben. | | | | |
| CRAWFORD COUNTY --- WAUZEKA [43.08, -90.88] | | | | |
| | 06/22/15 07:50 CST | | 75K | Thunderstorm Wind (EG 50 kt) |
| | 06/22/15 07:50 CST | | 0 | Source: Broadcast Media |
| A mobile home was destroyed and another home sustained roof damage in Wauzeka from thunderstorm winds. | | | | |
| GRANT COUNTY --- 0.5 E CASSVILLE [42.72, -90.99] | | | | |
| | 06/22/15 07:59 CST | | 0.20M | Thunderstorm Wind (EG 60 kt) |
| | 06/22/15 07:59 CST | | 0 | Source: Law Enforcement |
| Trees, power lines and a barn were blown down in Cassville. A hangar at the municipal airport was damaged and a fabric covered plane that was inside the hangar was damaged extensively. Downed trees briefly blocked the Burlington Northern Santa Fe railroad tracks. Hundreds of trees were reported to have been blown down across town and several homes near the airport were damaged by the fallen trees. | | | | |
| GRANT COUNTY --- 1.1 SSE CASSVILLE MUNI ARPT [42.71, -90.96], 0.9 SW POTOSI [42.67, -90.73] | | | | |
| | 06/22/15 08:00 CST | | 75K | Thunderstorm Wind (EG 55 kt) |
| | 06/22/15 08:06 CST | | 0 | Source: Newspaper |
| Numerous trees and power lines were blown down along State Highway 133 between Cassville and Potosi. A few farms were also damaged, including one where a large herd of elk was able to get loose. | | | | |
| CRAWFORD COUNTY --- 2.9 E PLUGTOWN [43.21, -90.69], 4.0 SE MT ZION [43.21, -90.67] | | | | |
| | 06/22/15 08:06 CST | | 4K | Tornado (EF0, L: 1.33 mi , W: 40 yd) |
| | 06/22/15 08:08 CST | | 0 | Source: Emergency Manager |
| A tornado caused mainly tree damage in far southeast Crawford County before moving into Richland County. | | | | |
| GRANT COUNTY --- 0.8 NNE POTOSI [42.69, -90.71] | | | | |
| | 06/22/15 08:07 CST | | 3K | Thunderstorm Wind (EG 54 kt) |
| | 06/22/15 08:07 CST | | 0 | Source: Newspaper |
| Trees and power lines were blown down in Potosi. | | | | |
| RICHLAND COUNTY --- 2.1 WNW WESTPORT [43.21, -90.67], 1.1 W BYRDS CREEK [43.22, -90.57] | | | | |
| | 06/22/15 08:08 CST | | 30K | Tornado (EF0, L: 6.06 mi , W: 60 yd) |
| | 06/22/15 08:12 CST | | 0 | Source: Emergency Manager |
| The tornado traveled across rural portions of southwest Richland County north of Westport and Port Andrews . A few homes along County Roads W and M were damaged along with numerous trees. | | | | |
| GRANT COUNTY --- LANCASTER [42.85, -90.72], 2.1 NNW PLATTEVILLE [42.76, -90.50] | | | | |
| | 06/22/15 08:11 CST | | 0.40M | Thunderstorm Wind (EG 60 kt) |
| | 06/22/15 08:18 CST | | 0 | Source: Emergency Manager |

Storm Data and Unusual Weather Phenomena - June 2015

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|-----------|-------------------|---------------------|------------------------|
| Numerous trees and power lines were blown down from Lancaster to Platteville along State Highway 133. Farm buildings were also severely damaged and homes sustained roof damage from the strong winds. | | | | |

GRANT COUNTY --- 0.9 NE ANNATON [42.93, -90.62]

| | | | | |
|--------------------|--|--|----|------------------------------|
| 06/22/15 08:12 CST | | | 2K | Thunderstorm Wind (EG 53 kt) |
| 06/22/15 08:12 CST | | | 0 | Source: Public |

Trees were blown down in Stitzer.

GRANT COUNTY --- 4.8 WNW UNION [42.85, -90.61]

| | | | | |
|--------------------|--|--|----|------------------------------|
| 06/22/15 08:12 CST | | | 5K | Thunderstorm Wind (EG 53 kt) |
| 06/22/15 08:12 CST | | | 0 | Source: Public |

Numerous power lines were blown down north of Ellenboro.

GRANT COUNTY --- 3.8 ESE ELLENBORO [42.75, -90.56]

| | | | | |
|--------------------|--|--|-----|------------------------------|
| 06/22/15 08:14 CST | | | 30K | Thunderstorm Wind (EG 58 kt) |
| 06/22/15 08:14 CST | | | 0 | Source: Newspaper |

A barn was blown down west of Platteville.

GRANT COUNTY --- 3.0 WNW PLATTEVILLE [42.75, -90.54]

| | | | | |
|--------------------|--|--|-----|------------------------------|
| 06/22/15 08:15 CST | | | 25K | Thunderstorm Wind (EG 59 kt) |
| 06/22/15 08:15 CST | | | 0 | Source: Newspaper |

A tree was blown onto a house west of Platteville creating holes in the roof.

RICHLAND COUNTY --- 1.0 W BYRDS CREEK [43.22, -90.57]

| | | | | |
|--------------------|--|--|-----|------------------------------|
| 06/22/15 08:18 CST | | | 10K | Thunderstorm Wind (EG 54 kt) |
| 06/22/15 08:18 CST | | | 0 | Source: Amateur Radio |

Trees were blown down and a barn was damaged by wind gusts north of Port Andrew.

GRANT COUNTY --- 0.7 N PLATTEVILLE [42.74, -90.48]

| | | | | |
|--------------------|--|--|-----|------------------------------|
| 06/22/15 08:20 CST | | | 80K | Thunderstorm Wind (EG 61 kt) |
| 06/22/15 08:20 CST | | | 0 | Source: Trained Spotter |

Several trees were blown down in Platteville by an estimated 70 mph wind gust. The roof was blown off the dairy barn and another barn had a 100 square foot hole in the roof on the University of Wisconsin-Platteville campus. Several of the downed trees landed on houses and a church. Power was not restored to downtown Platteville until after 5 p.m.

GRANT COUNTY --- 2.0 SE PLATTEVILLE [42.71, -90.45]

| | | | | |
|--------------------|--|--|-----|------------------------------|
| 06/22/15 08:21 CST | | | 75K | Thunderstorm Wind (EG 55 kt) |
| 06/22/15 08:21 CST | | | 0 | Source: Newspaper |

Two dairy farms southeast of Platteville had every building damaged, with four completely destroyed. Animals on the farms were injured as barns and calf hutches were blown apart.

GRANT COUNTY --- 0.5 W HAZEL GREEN [42.53, -90.44]

| | | | | |
|--------------------|--|--|---|----------------|
| 06/22/15 08:25 CST | | | 0 | Hail (0.75 in) |
| 06/22/15 08:25 CST | | | 0 | Source: Public |

GRANT COUNTY --- 0.5 W HAZEL GREEN [42.53, -90.44]

| | | | | |
|--------------------|--|--|-------|------------------------------|
| 06/22/15 08:25 CST | | | 0.11M | Thunderstorm Wind (EG 56 kt) |
| 06/22/15 08:25 CST | | | 0 | Source: Public |

An estimated wind gust of 65 mph blew down trees and powerlines in and around Hazel Green. The winds also damaged farm buildings and homes.

An early morning squall line moved across southwest Wisconsin on June 22nd. This squall line produced winds of 60 to 70 mph and two small tornadoes. The first tornado damaged trees along its path north of Wauzeka (Crawford County). The second tornado damaged a few homes and numerous trees along its path north of Westport and Port Andrews (Crawford & Richland Counties). As the squall line moved across southwest Wisconsin it produced wind damage across the southern sections of Crawford and Richland Counties and over much of Grant County. Trees, power lines and at least one barn were blown down near Casseville (Grant County), multiple power

Storm Data and Unusual Weather Phenomena - June 2015

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

lines were snapped east of Prairie du Chien (Crawford County), barns were damaged north of Port Andrew (Richland County) and 65 to 70 mph winds with damage were reported in Hazel Green and Platteville (Grant County).

BUFFALO COUNTY --- 7.7 ENE MONTANA [44.40, -91.53]

| | | | | |
|--------------------|--|--|---|----------------|
| 06/29/15 14:28 CST | | | 0 | Hail (0.75 in) |
| 06/29/15 14:28 CST | | | 0 | Source: Public |

TREMPEALEAU COUNTY --- 4.4 NW ARCADIA ARPT [44.36, -91.52]

| | | | | |
|--------------------|--|--|---|----------------|
| 06/29/15 14:28 CST | | | 0 | Hail (1.00 in) |
| 06/29/15 14:34 CST | | | 0 | Source: Public |

Up to quarter sized hail fell for about 10 minutes and covered the ground west of Independence.

TREMPEALEAU COUNTY --- 3.0 WNW ARCADIA ARPT [44.33, -91.51]

| | | | | |
|--------------------|--|--|---|----------------|
| 06/29/15 14:39 CST | | | 0 | Hail (1.00 in) |
| 06/29/15 14:39 CST | | | 0 | Source: Public |

Quarter sized hail fell southwest of Independence.

TREMPEALEAU COUNTY --- 2.1 WSW ARCADIA ARPT [44.31, -91.49]

| | | | | |
|--------------------|--|--|---|----------------|
| 06/29/15 14:45 CST | | | 0 | Hail (1.25 in) |
| 06/29/15 14:45 CST | | | 0 | Source: Public |

Quarter to half dollar sized hail fell north of Arcadia.

TREMPEALEAU COUNTY --- 0.5 E ARCADIA [44.25, -91.49]

| | | | | |
|--------------------|--|--|---|-------------------------|
| 06/29/15 14:55 CST | | | 0 | Hail (1.50 in) |
| 06/29/15 14:55 CST | | | 0 | Source: Broadcast Media |

Walnut sized hail was reported in Arcadia.

TREMPEALEAU COUNTY --- 2.8 N CENTERVILLE [44.11, -91.45]

| | | | | |
|--------------------|--|--|---|----------------|
| 06/29/15 15:32 CST | | | 0 | Hail (1.75 in) |
| 06/29/15 15:32 CST | | | 0 | Source: Public |

Golfball sized hail fell north of Centerville. The hail damaged about 30 percent of the apple crop of one orchard near Centerville.

TREMPEALEAU COUNTY --- CENTERVILLE [44.07, -91.45]

| | | | | |
|--------------------|--|--|---|----------------|
| 06/29/15 15:37 CST | | | 0 | Hail (1.75 in) |
| 06/29/15 15:37 CST | | | 0 | Source: Public |

Golfball sized hail fell in Centerville.

TREMPEALEAU COUNTY --- 1.5 NNW TREMPEALEAU [44.02, -91.44]

| | | | | |
|--------------------|--|--|---|----------------|
| 06/29/15 15:47 CST | | | 0 | Hail (1.00 in) |
| 06/29/15 15:47 CST | | | 0 | Source: Public |

Quarter sized hail fell just north of Trempealeau.

TREMPEALEAU COUNTY --- TREMPEALEAU [44.00, -91.43]

| | | | | |
|--------------------|--|--|---|-------------------------|
| 06/29/15 15:48 CST | | | 0 | Hail (1.25 in) |
| 06/29/15 15:48 CST | | | 0 | Source: Broadcast Media |

Half dollar sized hail fell in Trempealeau.

TREMPEALEAU COUNTY --- 2.2 WNW TREMPEALEAU [44.02, -91.47]

| | | | | |
|--------------------|--|--|---|-----------------------------|
| 06/29/15 15:49 CST | | | 0 | Hail (1.00 in) |
| 06/29/15 15:49 CST | | | 0 | Source: Park/Forest Service |

Quarter sized hail fell in Perot State Park near Trempealeau.

CRAWFORD COUNTY --- 2.8 N PRAIRIE DU CHIEN [43.09, -91.14]

Storm Data and Unusual Weather Phenomena - June 2015

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------------|
| | 06/29/15 17:45 CST | | 0 | Hail (1.00 in) |
| | 06/29/15 17:45 CST | | 0 | Source: Public |
| Up to quarter sized hail fell north of Prairie du Chien. | | | | |
| <hr/> | | | | |
| CRAWFORD COUNTY --- 0.9 SE PRAIRIE DU CHIEN [43.04, -91.14] | | | | |
| | 06/29/15 17:53 CST | | 0 | Hail (1.25 in) |
| | 06/29/15 17:53 CST | | 0 | Source: Trained Spotter |
| Up to half dollar sized hail fell in Prairie du Chien. | | | | |
| <hr/> | | | | |
| CRAWFORD COUNTY --- 0.9 SE PRAIRIE DU CHIEN [43.04, -91.14] | | | | |
| | 06/29/15 17:53 CST | | 2K | Thunderstorm Wind (EG 50 kt) |
| | 06/29/15 17:53 CST | | 0 | Source: Trained Spotter |
| Trees were blown down in Prairie du Chien. | | | | |
| <hr/> | | | | |
| CRAWFORD COUNTY --- CRAWFORD [43.03, -91.13] | | | | |
| | 06/29/15 17:55 CST | | 0 | Hail (0.75 in) |
| | 06/29/15 17:55 CST | | 0 | Source: Amateur Radio |
| <hr/> | | | | |
| GRANT COUNTY --- 0.9 NW BLOOMINGTON [42.89, -90.93] | | | | |
| | 06/29/15 18:21 CST | | 0 | Hail (0.75 in) |
| | 06/29/15 18:21 CST | | 0 | Source: Emergency Manager |

Large hail fell over portions of western Wisconsin during the late afternoon and evening of June 29th. The storms started dropping hail along the Buffalo/Trempealeau County line west of Independence while moving south. The storms then exited into Minnesota before coming back into Wisconsin near Prairie du Chien (Crawford County) and then continued into Grant County. The largest hail reported was golf ball sized in Arcadia and Centerville (Trempealeau County). The hail damaged about 30 percent of the apple crop at one orchard near Centerville.