

Storm Data and Unusual Weather Phenomena - February 2011

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

IOWA, Northeast

(IA-Z011) ALLAMAKEE, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

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|--|--------------------|--|---|--------------|
| | 02/01/11 15:00 CST | | 0 | Winter Storm |
| | 02/02/11 08:30 CST | | 0 | |

(IA-Z019) CHICKASAW

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|--|--------------------|--|---|----------------|
| | 02/01/11 15:00 CST | | 0 | Winter Weather |
| | 02/02/11 05:00 CST | | 0 | |

A strong low pressure system tracked across the Central Plains States and the Great Lakes region on February 1st and into the morning hours of the 2nd. This spread heavy snow across portions of northeast Iowa. In addition, sustained wind speeds of 15 to 25 miles per hour with gusts up to 35 miles per hour caused considerable blowing and drifting snow in open areas. Numerous roads became impassable with several accidents (16 in Clayton County) and vehicles stuck in the road or ditches (35 in Fayette County). Two stranded motorists had to be rescued in Fayette County and many schools were closed. Some of the higher reported snowfall amounts were 12 inches near St. Olaf (Clayton County), 8.5 inches at Guttenberg (Clayton County), 8 inches at Edgewood (Clayton County) and 7 inches at Oelwein (Fayette County).

(IA-Z030) CLAYTON

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|--|--------------------|--|-----|-----------|
| | 02/16/11 07:00 CST | | 12K | Dense Fog |
| | 02/16/11 10:00 CST | | 0 | |

Dense fog blanketed parts of northeast Iowa on the morning of February 16th. Four people on board a school bus were injured in a four vehicle accident at the intersection of U.S. Highway 18 and Echo Road near Monona (Clayton County). One other person not on the bus was also injured. The automated weather observing equipment at the Prairie du Chien airport reported a visibility of a quarter of a mile or less in the fog from 7 a.m. until 10 a.m. on the 16th.

(IA-Z018) FLOYD, (IA-Z029) FAYETTE

| | | | | |
|--|--------------------|--|-------|----------------|
| | 02/20/11 04:45 CST | | 0.24M | Winter Weather |
| | 02/21/11 19:45 CST | | 0 | |

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z019) CHICKASAW, (IA-Z030) CLAYTON

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|--|--------------------|--|-----|--------------|
| | 02/20/11 05:00 CST | | 12K | Winter Storm |
| | 02/21/11 20:45 CST | | 0 | |

A winter storm came out of the southwest United States and brought freezing rain and a little bit of snow to northeast Iowa from February 20th into the 21st. The freezing rain created ice accumulations that ranged from a tenth of an inch up to a quarter of an inch. Snow accumulations over the 2 days ranged from 1 to 4 inches. In addition to the freezing rain and snow, strong winds hit the area with sustained winds of 20 to 25 mph and gusts between 30 and 35 mph. Ice accumulations of a quarter of an inch were reported in Mitchell, Howard, Winneshiek, Clayton and Allamakee Counties. The ice accumulations were responsible for downed power and telephone lines, vehicle accidents and school cancellations. The highest reported snow amount was 3.6 inches in Fayette (Fayette County). As the freezing rain moved in, it was accompanied by some lightning strikes that sparked an explosion at a feed plant north of Oelwein (Fayette County).

MINNESOTA, Southeast

(MN-Z094) MOWER

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|--|--------------------|--|----|----------------|
| | 02/02/11 11:45 CST | | 2K | Winter Weather |
| | 02/02/11 11:45 CST | | 0 | |

The driver of a vehicle was killed when he was unable to stop on an icy road and slid into the path of an approaching train. The accident occurred on County Road 4 south of Austin (Mower County) on February 2nd.

(MN-Z087) OLMSTED

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|--|--------------------|--|----|----------------|
| | 02/03/11 10:00 CST | | 4K | Winter Weather |
| | 02/03/11 10:00 CST | | 0 | |

A two vehicle accident occurred on a snow covered road near Oronoco (Olmsted County) on February 3rd. A person was killed in the

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accident and another sustained injuries.

(MN-Z095) FILLMORE

| | | | | |
|--|--------------------|--|----|----------------|
| | 02/11/11 21:38 CST | | 8K | Winter Weather |
| | 02/11/11 21:38 CST | | 0 | |

One person was killed and two others were injured in a four vehicle crash on February 11th. The accident occurred on an icy U.S. Highway 63 south of Spring Valley (Fillmore County).

(MN-Z087) OLMSTED

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|--|--------------------|--|----|-----------|
| | 02/16/11 19:00 CST | | 5K | Dense Fog |
| | 02/17/11 13:15 CST | | 0 | |

Dense fog blanketed much of southeast Minnesota from the evening of February 16th into the afternoon of the 17th. A three vehicle accident at the intersection of U.S. Highway 63 and State Highway 30 north of Stewartville (Olmsted County) was responsible for non-life threatening injuries to three people. The automated weather observing equipment at the Rochester airport reported a visibility of a quarter of a mile or less in the fog from 7 p.m. on the 16th until 1 p.m. in the 17th.

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

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|--|--------------------|--|---|--------------|
| | 02/20/11 07:30 CST | | 0 | Winter Storm |
| | 02/21/11 20:45 CST | | 0 | |

A winter storm came out of the southwest United States and brought snow and sleet to southeast Minnesota from February 20th into the 21st. Snow accumulations over the 2 days ranged from 5 to 11 inches. Sleet accumulations were minor and less than a tenth of an inch and mainly confined to the area south of Interstate 90. In addition to the snow, strong winds hit the area with sustained winds of 25 to 35 mph and gusts between 35 and 40 mph. The highest reported snowfall amounts were 10.8 inches in Theilman (Wabasha County) and 10 inches in Lake City (Wabasha County).

WISCONSIN, Southwest

(WI-Z054) CRAWFORD, (WI-Z055) RICHLAND

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|--|--------------------|--|---|--------------|
| | 02/01/11 16:00 CST | | 0 | Winter Storm |
| | 02/02/11 09:30 CST | | 0 | |

(WI-Z061) GRANT

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|--|--------------------|--|---|----------|
| | 02/01/11 19:00 CST | | 0 | Blizzard |
| | 02/02/11 04:00 CST | | 0 | |

A strong low pressure system tracked across the Central Plain States and the Great Lakes region on February 1st and into the morning hours of the 2nd. This spread heavy snow across parts of southwest Wisconsin. In addition, sustained wind speeds of 20 to 30 miles per hour with gust up to 45 miles per hour caused considerable blowing and drifting snow across ridge tops and open areas. Blizzard conditions were observed across Grant County with the Platteville airport reporting a visibility of a quarter mile or less with wind gusts up to 45 mph for four hours. In cooperation with the Grant County emergency manager, a civil emergency message was issued advising people to remain at their current location and that snow plows had been pulled off the roads. 20 motorists were stranded across Grant County when their vehicles became stuck in the snow. Elsewhere across southwest Wisconsin, near whiteout conditions occurred, several roads were closed and dozens of vehicles were abandoned or slid off roadways. A snow emergency was declared by the Governor of Wisconsin in 29 counties across southern Wisconsin, including Grant County. Some of the higher reported snowfall amounts were 14 inches near Sinsinawa (Grant County), 12 inches at Cuba City (Grant County), 11.6 inches at Platteville (Grant County) and 7.2 inches at Prairie du Chien (Crawford County).

(WI-Z029) CLARK

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|--|--------------------|--|-----|-----------|
| | 02/17/11 00:00 CST | | 20K | Dense Fog |
| | 02/17/11 17:00 CST | | 0 | |

Dense fog blanketed much of north central Wisconsin for a good share of February 17th. A nine vehicle accident at the intersection of State Highway 29 and County Road P east of Owen (Clark County) was responsible for the death of one person and injuries to nine others. The automated weather observing equipment at the Medford airport reported a visibility of a quarter of a mile or less in the fog from midnight until 5 p.m.

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| <hr/> | | | | |
| (WI-Z061) GRANT | 02/20/11 05:45 CST | | 0 | Winter Weather |
| | 02/21/11 21:00 CST | | 0 | |
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| (WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND | 02/20/11 06:00 CST | | 6K | Winter Storm |
| | 02/21/11 23:00 CST | | 0 | |

A winter storm came out of the southwest United States and brought snow, sleet and freezing rain to western Wisconsin from February 20th into the 21st. The freezing rain mainly fell across southwest Wisconsin and created ice accumulations up to a quarter of an inch in Crawford County. The sleet mainly occurred in the Interstate 90 corridor of western Wisconsin with amounts up to a half inch reported in Holmen (La Crosse County). Snow accumulations over the 2 days ranged from around an inch for southwest Wisconsin up to a foot across the central and north central part of the state. In addition to the precipitation, strong winds hit the area with sustained winds of 20 to 25 mph and gusts between 30 and 35 mph. The highest report snowfall amount was 12 inches west of Medford (Taylor County) and in Rock Dam (Clark County).