Deaths &

Property &

Event Type and Details

Date/Time

Location

| | | juries Crop Dmg | | |
|---|---|-----------------------|--|--|
| IORTH DAKOTA, Central and W | /est | | | |
| RENVILLE COUNTY 3.1 SSE NORMA | [48.66101.74] | | | |
| | 08/06/24 17:45 CST | 50K | Hail (2.50 in) | |
| | 08/06/24 17:50 CST | 0 | Source: Public | |
| he hail combined with thunderstorm wind | d gusts to damage the roof and siding on a h | nome. | | |
| RENVILLE COUNTY 5.0 W TOLLEY [4 | 8.73, -101.93] | | | |
| - | 08/06/24 17:55 CST | 0.20M | Thunderstorm Wind (EG 70 kt) | |
| | 08/06/24 17:59 CST | 0 | Source: Public | |
| Seven hopper style bins were blown over | | | | |
| ENVILLE COUNTY 7.3 W TOLLEY [4 | 8.74, -101.98] | | | |
| - | 08/06/24 17:58 CST | 0.10M | Hail (1.75 in) | |
| | 08/06/24 18:04 CST | 0 | Source: Public | |
| The hail combined with thunderstorm wind | d gusts to destroy a wheat field. | | | |
| RENVILLE COUNTY 1.1 NW NORMA [| 48.71, -101.79] | | | |
| | 08/06/24 18:00 CST | 0.15M | Thunderstorm Wind (EG 70 kt) | |
| | 08/06/24 18:07 CST | 0 | Source: Public | |
| A roof was blown off of a pole barn, and th | ne walls were also damaged. | | | |
| · | | | | |
| RENVILLE COUNTY 3.9 SW NORMA [| 48.66, -101.83] 08/06/24 18:05 CST | 0 | Hail (1.00 in) | |
| | 08/06/24 18:10 CST | 50K | Source: Public | |
| The hail combined with thunderstorm wind | d gusts to cause crop damage in the area. | | | |
| | | | | |
| BURKE COUNTY 6 2 S LIGNITE 148 79 | a _102 561 | | | |
| BURKE COUNTY 6.2 S LIGNITE [48.79 | 9, -102.56] 08/06/24 18:10 CST | 0 | Hail (1.00 in) | |
| BURKE COUNTY 6.2 S LIGNITE [48.79 | · | 0 | Hail (1.00 in) Source: Public | |
| | 08/06/24 18:10 CST 08/06/24 18:13 CST | | | |
| | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] | 0 | Source: Public | |
| | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST | 0 | Source: Public Hail (1.50 in) | |
| | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] | 0 | Source: Public | |
| BURKE COUNTY 1.1 SW POWERS LA | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] | 0 0 0 | Source: Public Hail (1.50 in) Source: Public | |
| BURKE COUNTY 1.1 SW POWERS LA | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST | 0 | Source: Public Hail (1.50 in) Source: Public Hail (1.00 in) | |
| BURKE COUNTY 1.1 SW POWERS LA | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] | 0 0 0 | Source: Public Hail (1.50 in) Source: Public | |
| BURKE COUNTY 1.1 SW POWERS LA | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] 08/06/24 18:40 CST 08/06/24 18:45 CST | 0 0 0 | Source: Public Hail (1.50 in) Source: Public Hail (1.00 in) | |
| BURKE COUNTY 1.1 SW POWERS LA | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] 08/06/24 18:40 CST 08/06/24 18:45 CST | 0 0 0 | Source: Public Hail (1.50 in) Source: Public Hail (1.00 in) | |
| BURKE COUNTY 1.1 SW POWERS LA | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] 08/06/24 18:40 CST 08/06/24 18:45 CST | 0 0 0 | Source: Public Hail (1.50 in) Source: Public Hail (1.00 in) Source: Trained Spotter | |
| BURKE COUNTY 1.1 SW POWERS LA | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] 08/06/24 18:40 CST 08/06/24 18:45 CST 59, -102.11] 08/06/24 18:45 CST 08/06/24 18:48 CST | 0 0 0 0 | Source: Public Hail (1.50 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in) | |
| BURKE COUNTY 1.1 SW POWERS LA | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] 08/06/24 18:40 CST 08/06/24 18:45 CST 59, -102.11] 08/06/24 18:45 CST 08/06/24 18:48 CST | 0 0 0 0 | Source: Public Hail (1.50 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in) | |
| BURKE COUNTY 1.1 SW POWERS LA | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] 08/06/24 18:40 CST 08/06/24 18:45 CST 59, -102.11] 08/06/24 18:45 CST 08/06/24 18:48 CST | 0 0 0 0 | Source: Public Hail (1.50 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in) Source: Public | |
| BURKE COUNTY 1.1 SW POWERS LA BURKE COUNTY 7.0 ESE POWERS L WARD COUNTY 5.0 NW COULEE [48. | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] 08/06/24 18:40 CST 08/06/24 18:45 CST 59, -102.11] 08/06/24 18:45 CST 08/06/24 18:48 CST AFB [48.42, -101.33] 08/06/24 18:55 CST 08/06/24 18:58 CST | 0 0 0 0 0 | Source: Public Hail (1.50 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in) Source: Public | |
| BURKE COUNTY 6.2 S LIGNITE [48.79 BURKE COUNTY 1.1 SW POWERS LA BURKE COUNTY 7.0 ESE POWERS L WARD COUNTY 5.0 NW COULEE [48. | 08/06/24 18:10 CST 08/06/24 18:13 CST AKE [48.56, -102.65] 08/06/24 18:34 CST 08/06/24 18:37 CST AKE [48.55, -102.48] 08/06/24 18:40 CST 08/06/24 18:45 CST 59, -102.11] 08/06/24 18:45 CST 08/06/24 18:48 CST AFB [48.42, -101.33] 08/06/24 18:55 CST 08/06/24 18:58 CST | 0 0 0 0 0 | Source: Public Hail (1.50 in) Source: Public Hail (1.00 in) Source: Trained Spotter Hail (1.75 in) Source: Public | |

Page 1 of 6 Printed on: 10/29/2024

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|---|----------------------|---------------------------|---|
| | 08/06/24 19:18 CST | | 0 | Hail (1.00 in) |
| | 08/06/24 19:20 CST | | 0 | Source: Public |
| MCHENRY COUNTY 0.5 W NORWICH [48 | 8.25, -100.99] | | | |
| • | 08/06/24 19:20 CST | | 0 | Hail (1.25 in) |
| | 08/06/24 19:23 CST | | 0 | Source: Public |
| MOUNTRAIL COUNTY 7.7 S TAGUS [48.2 | 24, -101.96] | | | |
| | 08/06/24 19:37 CST | | 0 | Hail (1.25 in) |
| | 08/06/24 19:42 CST | | 0 | Source: Public |
| NARD COUNTY 0.8 SW MAKOTI [47.96, | -101.81] | | | |
| | 08/06/24 20:03 CST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 08/06/24 20:06 CST | | 0 | Source: Trained Spotter |
| A few tree branches blew down. | | | | |
| MCLEAN COUNTY 8.3 N TURTLE LAKE | - | | | |
| | 08/06/24 21:02 CST | | 0.20M | Thunderstorm Wind (EG 70 kt) |
| | 08/06/24 21:10 CST | | 0 | Source: Emergency Manager |
| Multiple trees were uprooted at Crooked Lak | e. Small sheds were destroyed, fe | ences were blown o | down, and pontoon | s were flipped and some damaged. |
| MOLEAN COUNTY OF NAME THEFT ELA | VE 147 F7 400 001 | | | |
| MCLEAN COUNTY 3.6 NNW TURTLE LA | KE [47.57, -100.92] 08/06/24 21:09 CST | | 0 | Thunderstorm Wind (MG 64 kt) |
| MCLEAN COUNTY 3.6 NNW TURTLE LA | | | 0 | Thunderstorm Wind (MG 64 kt) Source: Mesonet |
| | 08/06/24 21:09 CST 08/06/24 21:12 CST | | | · |
| | 08/06/24 21:09 CST 08/06/24 21:12 CST | | | · |
| | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] | | 0 | Source: Mesonet |
| MCLEAN COUNTY 8.5 NNE TURTLE LAP | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST | | 0 50K | Source: Mesonet Thunderstorm Wind (EG 70 kt) |
| MCLEAN COUNTY 8.5 NNE TURTLE LAN | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST In by the thunderstorm wind gusts. | | 0 50K | Source: Mesonet Thunderstorm Wind (EG 70 kt) |
| MCLEAN COUNTY 8.5 NNE TURTLE LAN | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST In by the thunderstorm wind gusts. | | 0 50K | Source: Mesonet Thunderstorm Wind (EG 70 kt) |
| MCLEAN COUNTY 8.5 NNE TURTLE LAN | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST In by the thunderstorm wind gusts. | | 0 50K 0 | Source: Mesonet Thunderstorm Wind (EG 70 kt) Source: Public |
| MCLEAN COUNTY 8.5 NNE TURTLE LAN Three large grain bins were partially caved ir MCLEAN COUNTY 1.7 NW TURTLE LAK | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST In by the thunderstorm wind gusts. E [47.54, -100.92] 08/06/24 21:12 CST 08/06/24 21:17 CST | | 0 50K 0 | Source: Mesonet Thunderstorm Wind (EG 70 kt) Source: Public Thunderstorm Wind (EG 70 kt) |
| MCLEAN COUNTY 8.5 NNE TURTLE LAN Three large grain bins were partially caved ir MCLEAN COUNTY 1.7 NW TURTLE LAK A center pivot irrigation system was flipped o | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST by the thunderstorm wind gusts. E [47.54, -100.92] 08/06/24 21:12 CST 08/06/24 21:17 CST over and damaged. KE [47.57, -100.92] | | 0 50K 0 30K 0 | Source: Mesonet Thunderstorm Wind (EG 70 kt) Source: Public Thunderstorm Wind (EG 70 kt) Source: Public |
| MCLEAN COUNTY 8.5 NNE TURTLE LAN Three large grain bins were partially caved ir MCLEAN COUNTY 1.7 NW TURTLE LAK A center pivot irrigation system was flipped o | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST In by the thunderstorm wind gusts. E [47.54, -100.92] 08/06/24 21:12 CST 08/06/24 21:17 CST over and damaged. KE [47.57, -100.92] 08/06/24 21:15 CST | | 0 50K 0 30K 0 | Source: Mesonet Thunderstorm Wind (EG 70 kt) Source: Public Thunderstorm Wind (EG 70 kt) Source: Public |
| MCLEAN COUNTY 8.5 NNE TURTLE LAN Three large grain bins were partially caved ir MCLEAN COUNTY 1.7 NW TURTLE LAK A center pivot irrigation system was flipped o | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST by the thunderstorm wind gusts. E [47.54, -100.92] 08/06/24 21:12 CST 08/06/24 21:17 CST over and damaged. KE [47.57, -100.92] | | 0 50K 0 30K 0 | Source: Mesonet Thunderstorm Wind (EG 70 kt) Source: Public Thunderstorm Wind (EG 70 kt) Source: Public |
| MCLEAN COUNTY 8.5 NNE TURTLE LAW Three large grain bins were partially caved in MCLEAN COUNTY 1.7 NW TURTLE LAK A center pivot irrigation system was flipped of | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST In by the thunderstorm wind gusts. EE [47.54, -100.92] 08/06/24 21:12 CST 08/06/24 21:17 CST over and damaged. KE [47.57, -100.92] 08/06/24 21:15 CST 08/06/24 21:15 CST | | 0 50K 0 30K 0 | Source: Mesonet Thunderstorm Wind (EG 70 kt) Source: Public Thunderstorm Wind (EG 70 kt) Source: Public |
| MCLEAN COUNTY 3.6 NNW TURTLE LAW MCLEAN COUNTY 8.5 NNE TURTLE LAW Three large grain bins were partially caved in MCLEAN COUNTY 1.7 NW TURTLE LAW A center pivot irrigation system was flipped of MCLEAN COUNTY 3.6 NNW TURTLE LAW BURLEIGH COUNTY 9.9 NNW WING [47. | 08/06/24 21:09 CST 08/06/24 21:12 CST KE [47.63, -100.82] 08/06/24 21:10 CST 08/06/24 21:15 CST In by the thunderstorm wind gusts. EE [47.54, -100.92] 08/06/24 21:12 CST 08/06/24 21:17 CST over and damaged. KE [47.57, -100.92] 08/06/24 21:15 CST 08/06/24 21:15 CST | | 0 50K 0 30K 0 | Source: Mesonet Thunderstorm Wind (EG 70 kt) Source: Public Thunderstorm Wind (EG 70 kt) Source: Public |

southeast into northwest and north central North Dakota where elevated instability and strong deep layer shear were present. The storms contained a mix of large hail and severe winds initially, then towards the end of the episode severe winds prevailed. Over western Renville County, one severe storm caused extensive damage to crops and structures with hail to the size of tennis balls and winds gusting to 80 mph. Late in the episode, winds gusting to 80 mph caused extensive damage around the Turtle Lake area of McLean County, including around Crooked Lake where trees were uprooted, pontoons were flipped, and sheds were destroyed.

| BURLEIGH COUNTY 9.1 NW BISMARC | K [46.91, -100.88], 1.9 WSW (BIS)BISMARCH | K MUNI A [46.77, -100.79], | 4.3 SW FT LINCOLN [46.77, -100.66], |
|-----------------------------------|---|----------------------------|-------------------------------------|
| 7.7 NNE BISMARCK [46.91, -100.72] | | | |
| | 08/13/24 16:14 CST | 8M | Flash Flood (due to Heavy Rain) |

08/13/24 19:00 CST 0 Source: Emergency Manager

Page 2 of 6 Printed on: 10/29/2024

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|---|--|--|--|
| sewer and drainage systems in the cit inventory along with business losses of pouring in from two side streets that de- | o and five inches of rain moved through y were overwhelmed by the intense rain due to inaccessibility and time taken to r amaged an MRI machine. The city of B vater damage, particularly in basements | the Bismarck area a rates. Many downto ecover. One of the p ismarck government | as a very slow mo own businesses to orimary medical ce | ook on water, resulting in damaged enters in the downtown area had water |
| passed over. Storm sewer and drain- took on water, resulting in damaged primary medical centers in the down level, particularly to an MRI machine caused to the MRI machine. The City which included damage to property, basements. One homeowner near th basement. An apartment complex in | two and five inches of rain moved throage systems in the city were overwhel inventory along with business losses town area had up to two inches of floo. This facility alone suffered damages of Bismarck government services su infrastructure, and equipment. Many lee Elks swimming pool, which is just we central Bismarck had three feet of wath of Bismarck, in Falconer Estates, the | med by the intense due to inaccessibil oding on the main f in excess of 5 milli ffered approximate homes also sustain rest of downtown, r ter in the lower leve | rain rates. Many ity and time taked loor, which cause on dollars, primally a quarter-millioed water damage eported up to fivel, with occupants | downtown businesses In to recover. One of the Indicate the lower Indicate the damage I |
| | MARCK [46.79, -100.79], 0.8 S BISMAI | RCK [46.79, -100.77 |], 1.2 W (BIS)BISN | MARCK MUNI A [46.78, -100.78], 1.7 |
| SW BISMARCK [46.78, -100.80] | 08/14/24 12:00 CST | | 25K | Flash Flood (due to Heavy Rain) |
| | 08/14/24 13:30 CST | | 0 | Source: Law Enforcement |
| Between 1.5 and 2.5 inches of rain fel | I. | | | |
| flooding was no where near as sever | ed to the second episode of flash floore as the day before (13th) and was costome basements took on water and so | ncentrated on the s | outh side of the | city. Several feet of water |
| | 08/14/24 17:35 MST | | 0 | Thunderstorm Wind (MG 52 kt) |
| | 08/14/24 17:38 MST | | 0 | Source: AWOS |
| severe, producing 60 mph wind gust | ugh northwestern North Dakota during | | and evening hou | rs. One storm became |
| WARD COUNTY 6.4 SSE SOUTH F | PRAIRIE [47.97, -101.23] 08/21/24 23:21 CST | | 0 | Hail (0.88 in) |
| | 08/21/24 23:23 CST | | 0 | Source: Public |
| A thunderstorm moving through sou | theast Ward County produced nickel | size hail. | | |
| SIOUX COUNTY 2.3 SSW SELFRIC | OGE [46.00, -100.95], 3.1 SSE SELFRID | GE [45.99, -100.91] | | |
| | 08/28/24 15:41 MST | | 9K | Tornado (EF1, L: 2.19 mi , W: 300 yd) |
| poles which appeared to be aged. The | 08/28/24 15:51 MST field south of Selfridge and moved to the tornado then proceeded into an open to the estimated to be approximately 100 | ield with no other st | | Source: Storm Chaser tornado broke three wooden power . Based on the damage done the tornado |
| SIOUX COUNTY 1.7 NE SELFRIDG | | | | |
| | 08/28/24 16:00 MST | | 0 | Hail (1.00 in) |
| | 08/28/24 16:03 MST | | 0 | Source: Public |
| MORTON COUNTY 6.3 N BREIEN | [46.47, -100.91] | | | |
| | 08/28/24 16:49 CST | | 0 | Hail (2.00 in) |
| | 08/28/24 16:52 CST | | 0 | Source: Public |
| SIOUX COUNTY 3.7 NW FT YATES | [46.12, -100.68] | | | |
| | 08/28/24 16:55 MST | | 0 | Thunderstorm Wind (EG 56 kt) |
| | 00/20/24 46 E0 MCT | | • | Course Trained Chatter |

08/28/24 16:59 MST

Thunderstorm wind gusts were estimated by a trained spotter.

Page 3 of 6 Printed on: 10/29/2024

Source: Trained Spotter

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|---|--|---|--|
| MORTON COUNTY 5.7 SSE ST ANTHONY [| [46.54, -100.89] | | | |
| | 08/28/24 17:00 CST | | 0.13M | Hail (4.00 in) |
| | 08/28/24 17:05 CST | | 0 | Source: Broadcast Media |
| Mainly baseball size hail fell at this location, but to vehicles. | t one hailstone was measured a | t 4 inches in diam | eter. Significant da | mage occurred to roofs of buildings and |
| MORTON COUNTY 4.9 ESE ST ANTHONY [| [46.60, -100.82] | | | |
| | 08/28/24 17:02 CST | | 0 | Hail (1.00 in) |
| | 08/28/24 17:06 CST | | 0 | Source: Trained Spotter |
| MORTON COUNTY 0.5 E ST ANTHONY [46. | 62 -100 911 | | | |
| MORTOR COOK 17 0.0 E OT ARTHOR [40. | 08/28/24 17:05 CST | | 0.45M | Thunderstorm Wind (EG 65 kt) |
| | 08/28/24 17:10 CST | | 0 | Source: Public |
| Thunderstorm wind combined with hail to cause siding was severely damaged with holes punch | ed completely through. | es in St. Anthony. | Homes had multipl | e windows completely broken out and |
| MORTON COUNTY 7.0 NE ST ANTHONY [4 | | | 0 | Hoil (4.75 in) |
| | 08/28/24 17:05 CST 08/28/24 17:09 CST | | 0 | Hail (1.75 in) Source: Public |
| | 00/20/24 17:09 031 | | U | Source. Public |
| SIOUX COUNTY 13.2 WSW SELFRIDGE [45 | 5.97, -101.19] | | | |
| | 08/28/24 17:12 MST | | 0 | Hail (1.75 in) |
| | 08/28/24 17:15 MST | | 0 | Source: Public |
| PUDLEICH COUNTY 4 4 W DISMADON 140 | 90 400 901 | | | |
| BURLEIGH COUNTY 1.4 W BISMARCK [46. | 08/28/24 17:25 CST | | 20K | Thunderstorm Wind (EG 61 kt) |
| | 08/28/24 17:29 CST | | 0 | Source: Public |
| A large tree branch broke off a tree and damag | ed a house. | | | |
| BURLEIGH COUNTY 2.4 NNW STERLING [- | 46.85, -100.29] | | | |
| | 08/28/24 17:30 CST | | 1K | Lightning |
| | 08/28/24 17:31 CST | 3 | 0 | Source: Public |
| A NWS meteorologist interviewed one of the vicup their equipment and were walking to their picture able to get up they continued their returnableed and reduced hearing. The second victim sensations in his right foot along with a headact damaged in the incident. | ckup truck close by when all thre to the pickup truck and drove to suffered a large cut in his hand | ee were struck by a hospital emerge along with a flash | lighting. The victimency room in Bisma burn to his eyes. | is were knocked down, and when they arck. One victim suffered a small brain The third victim suffered tingling |
| BURLEIGH COUNTY 0.5 W (BIS)BISMARCI | | | 0 | Thundaretorm Wind (MC 52 kt) |
| | 08/28/24 17:31 CST 08/28/24 17:34 CST | | 0 | Thunderstorm Wind (MG 52 kt) Source: ASOS |
| | 00120124 11.04 031 | | U | Godice. AGGG |
| BURLEIGH COUNTY 2.7 ESE (BIS)BISMAR | CK MUNI A [46.76, -100.70] | | | |
| | 08/28/24 17:32 CST | | 0 | Hail (1.00 in) |
| | 08/28/24 17:35 CST | | 0 | Source: Amateur Radio |
| BURLEIGH COUNTY 3.5 S (BIS)BISMARCK | K MUNI A [46.73, -100.74] | | | |
| | 08/28/24 17:33 CST | | 0 | Hail (1.75 in) |
| | 08/28/24 17:36 CST | | 0 | Source: Public |
| PURI FIGUROUNTY OF FOR (PIONE) | OCK MINI A DAG 77 400 703 | | | |
| BURLEIGH COUNTY 2.5 ESE (BIS)BISMAR | 08/28/24 17:35 CST | | 0 | Hail (1.75 in) |
| | 08/28/24 17:39 CST | | 0 | Source: Trained Spotter |
| | | | | • |

Page 4 of 6 Printed on: 10/29/2024

Deaths &

Property &

Event Type and Details

Date/Time

Location

| | | Injuries | Crop Dmg | Event Type and Details |
|--|--|---|---|---|
| BURLEIGH COUNTY 2.7 ESE (BIS) | BISMARCK MUNI A [46.76, -100.70] | | | |
| | 08/28/24 17:40 CST | | 0 | Hail (1.75 in) |
| | 08/28/24 17:44 CST | | 0 | Source: Public |
| SURLEIGH COUNTY 2.8 SW STERI | LING [46.79, -100.32], 3.7 SSE STERLIN | IG [46.77, -100.24] | | |
| | 08/28/24 18:04 CST | | 0.30M | Thunderstorm Wind (EG 87 kt) |
| | 08/28/24 18:09 CST | | 0.50M | Source: NWS Storm Survey |
| dislodged and blew to the east-southea | amage in and to the south of Sterling. O ast. South of this location, a large sunflow were broken or significantly damaged of | wer field was signif | icantly damaged v | • |
| BURLEIGH COUNTY 0.7 N REGAN | [47.16, -100.53] | | | |
| | 08/28/24 18:10 CST | | 0 | Hail (1.25 in) |
| | 08/28/24 18:13 CST | | 0 | Source: Broadcast Media |
| (IDDER COUNTY 0.2 NE STEELE [| 46.85, -99.90], 1.0 NNE STEELE [46.86, | -99.89] | | |
| | 08/28/24 18:52 CST | - | 0.60M | Tornado (EF1, L: 0.86 mi , W: 300 yd) |
| | 08/28/24 18:55 CST | | 25K | Source: Trained Spotter |
| east of Steele the tornado crossed the path of with some cars falling north, and some uprooted. The tornado then lifted one n | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da | road cars were kn ed cars, a grove c | ocked off the track | ss . The tracks ran from west to east, |
| east of Steele the tornado crossed the path of with some cars falling north, and some uprooted. The tornado then lifted one n were estimated to be around 110 mph. | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h | ks . The tracks ran from west to east, suffered damage, with a few trees iigh-end EF-1, and from that wind speeds |
| east of Steele the tornado crossed the path of with some cars falling north, and some uprooted. The tornado then lifted one n were estimated to be around 110 mph. | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da100.23] 08/28/24 21:38 CST | road cars were kn ed cars, a grove c | ocked off the track | ks . The tracks ran from west to east, suffered damage , with a few trees high-end EF-1, and from that wind speeds Hail (1.00 in) |
| east of Steele the tornado crossed the path of vith some cars falling north, and some uprooted. The tornado then lifted one n vere estimated to be around 110 mph. | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h | ks . The tracks ran from west to east, suffered damage, with a few trees iigh-end EF-1, and from that wind speeds |
| east of Steele the tornado crossed the path of vith some cars falling north, and some aprooted. The tornado then lifted one n vere estimated to be around 110 mph. | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 | ks . The tracks ran from west to east, suffered damage , with a few trees high-end EF-1, and from that wind speeds Hail (1.00 in) |
| east of Steele the tornado crossed the path of vith some cars falling north, and some aprooted. The tornado then lifted one n vere estimated to be around 110 mph. | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 | ks . The tracks ran from west to east, suffered damage , with a few trees high-end EF-1, and from that wind speeds Hail (1.00 in) |
| east of Steele the tornado crossed the path of vith some cars falling north, and some aprooted. The tornado then lifted one n vere estimated to be around 110 mph. | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 | ks . The tracks ran from west to east, suffered damage , with a few trees sigh-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public |
| east of Steele the tornado crossed the path of vith some cars falling north, and some uprooted. The tornado then lifted one n vere estimated to be around 110 mph. EMMONS COUNTY LINTON [46.27, | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST K [46.42, -100.12] 08/28/24 21:56 CST 08/28/24 21:59 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 0 | ks . The tracks ran from west to east, suffered damage , with a few trees sigh-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public Hail (1.25 in) |
| east of Steele the tornado crossed the path of vith some cars falling north, and some uprooted. The tornado then lifted one n vere estimated to be around 110 mph. EMMONS COUNTY LINTON [46.27, | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST K [46.42, -100.12] 08/28/24 21:56 CST 08/28/24 21:59 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 0 | ks . The tracks ran from west to east, suffered damage , with a few trees sigh-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public Hail (1.25 in) |
| east of Steele the tornado crossed the path of with some cars falling north, and some uprooted. The tornado then lifted one n were estimated to be around 110 mph. EMMONS COUNTY LINTON [46.27, | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST K [46.42, -100.12] 08/28/24 21:56 CST 08/28/24 21:59 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 0 | ks. The tracks ran from west to east, suffered damage, with a few trees high-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public Hail (1.25 in) Source: Trained Spotter |
| east of Steele the tornado crossed the path of with some cars falling north, and some uprooted. The tornado then lifted one n were estimated to be around 110 mph. EMMONS COUNTY LINTON [46.27, | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST K [46.42, -100.12] 08/28/24 21:56 CST 08/28/24 21:59 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 0 | ks . The tracks ran from west to east, suffered damage , with a few trees aigh-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public Hail (1.25 in) Source: Trained Spotter |
| Steele the tornado crossed the path of Steele the tornado crossed the path of vith some cars falling north, and some aprooted. The tornado then lifted one newere estimated to be around 110 mph. EMMONS COUNTY LINTON [46.27, EMMONS COUNTY 7.1 ENE TEMVIII KIDDER COUNTY 15.2 S CRYSTAL Gome crop damage occurred. | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST K [46.42, -100.12] 08/28/24 21:56 CST 08/28/24 21:59 CST SPGS [46.66, -99.48] 08/28/24 22:57 CST 08/28/24 23:00 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 0 | ks . The tracks ran from west to east, suffered damage , with a few trees aigh-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public Hail (1.25 in) Source: Trained Spotter |
| EMMONS COUNTY 15.2 S CRYSTAL Some crop damage occurred. | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST K [46.42, -100.12] 08/28/24 21:56 CST 08/28/24 21:59 CST SPGS [46.66, -99.48] 08/28/24 22:57 CST 08/28/24 23:00 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 0 | ks . The tracks ran from west to east, suffered damage , with a few trees aigh-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public Hail (1.25 in) Source: Trained Spotter |
| east of Steele the tornado crossed the path of with some cars falling north, and some uprooted. The tornado then lifted one n were estimated to be around 110 mph. EMMONS COUNTY LINTON [46.27, EMMONS COUNTY 7.1 ENE TEMVII KIDDER COUNTY 15.2 S CRYSTAL Some crop damage occurred. | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST K [46.42, -100.12] 08/28/24 21:56 CST 08/28/24 21:59 CST SPGS [46.66, -99.48] 08/28/24 22:57 CST 08/28/24 23:00 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees s rnado was rated h 0 0 0 | ks . The tracks ran from west to east, suffered damage , with a few trees high-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public Hail (1.25 in) Source: Trained Spotter Hail (1.00 in) Source: Trained Spotter |
| east of Steele the tornado crossed the path of with some cars falling north, and some uprooted. The tornado then lifted one n were estimated to be around 110 mph. EMMONS COUNTY LINTON [46.27, EMMONS COUNTY 7.1 ENE TEMVII KIDDER COUNTY 15.2 S CRYSTAL Some crop damage occurred. WELLS COUNTY 1.9 W HARVEY [4 | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST K [46.42, -100.12] 08/28/24 21:56 CST 08/28/24 21:59 CST SPGS [46.66, -99.48] 08/28/24 22:57 CST 08/28/24 23:00 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees a rnado was rated h 0 0 0 0 20K | ks . The tracks ran from west to east, suffered damage, with a few trees high-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public Hail (1.25 in) Source: Trained Spotter Hail (1.00 in) Source: Trained Spotter |
| with some cars falling north, and some | a stopped train and about 40 empty rail falling south. In addition, near the derail nile northeast of Steele. Based on the da -100.23] 08/28/24 21:38 CST 08/28/24 21:41 CST K [46.42, -100.12] 08/28/24 21:56 CST 08/28/24 21:59 CST SPGS [46.66, -99.48] 08/28/24 22:57 CST 08/28/24 23:00 CST | road cars were kn ed cars, a grove c | ocked off the track f hardwood trees a rnado was rated h 0 0 0 0 20K | ks . The tracks ran from west to east, suffered damage, with a few trees high-end EF-1, and from that wind speeds Hail (1.00 in) Source: Public Hail (1.25 in) Source: Trained Spotter Hail (1.00 in) Source: Trained Spotter |

Thunderstorms developed over southwest into south central North Dakota in an environment of very strong instability and elevated deep layer shear. The atmosphere remained capped until early in the evening when rapid thunderstorm development occurred. The initial severe storm produced a tornado near Selfridge in Sioux County, which broke power poles. Based on the damage done this this tornado was rated EF-1. Additional storms developed ahead of a frontal boundary, producing large hail and damaging winds. One storm over southern Morton County south of St. Anthony produced a four-inch diameter hailstone. In the town of St. Anthony, wind driven hail produced extensive damage to structures, with the siding shredded on some homes. Later in the evening, a storm passed over and to the south of Sterling in Burleigh County, producing 100 mph straight line winds which dislodged a large grain bin, broke or severely damaged 15 power poles, and significantly damaged a large sunflower field. The storm then moved towards Steele in Kidder County where it produced a tornado just to the east of town. The tornado crossed the path of a stopped train and knocked about 40 railroad cars off the tracks. An oats field was destroyed and several hardwood trees were snapped. This tornado was rated EF-1. Additional storms then continued through the evening producing hail over south central and parts of north central North Dakota before moving to

Page 5 of 6 Printed on: 10/29/2024

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

the east and dissipating. Along with the severe weather, three male teenagers were struck by lighting to the north of Sterling in Burleigh County while returning to their vehicle after goose hunting. All three were injured and required medical attention at a hospital emergency room, but were able to quickly recover from their injuries.

Page 6 of 6 Printed on: 10/29/2024