



**09-003, Spring Flooding
May 8, 2009
12:00 p.m. CDT
Incident Summary Report #66**

Incident Overview

Summaries are published after 12:00 p.m., Monday through Friday.

Updated information is in red.

The following is a summary of key issues related to the 2009 spring flood for the Red River of the North, Souris, Devils Lake, James, and Sheyenne River Basins.

State Emergency Operations Center (SEOC) Activation – Level III (Monitoring Activation). The SEOC will be staffed daily from 7:00 a.m. to 5:00 p.m. by N.D. Division of Homeland Security (NDHLS) personnel. The Duty Officer will be responsible for incident-related calls between 5:00 p.m. and 7:00 a.m.

Significant Events

- **Deaths/Injuries/Illnesses** – as reported by the N.D. Department of Health (NDDoH) and the N.D. Highway Patrol (NDHP)
 - Deaths – 3; two were caused by cardiac arrest, as reported by NDDoH; the NDHP classified the third as a traffic fatality.
 - Injuries – 249
 - Illnesses – 70
- **Rescues**
 - Rescues – 139
 - Animal Rescues – 135
- **Livestock loss and producer impact reports** – May 7
 - Calf losses – 19,318
 - Cattle losses– 4,262
 - Horse losses – 29
 - Other livestock losses – 208
 - Stranded livestock – 31
 - Access to feed blocked – 2,639
 - Depleted feed – 1,157
- **Sewage System Problems**
 - No current updates

➤ **Power Outages – May 8**

▪ **ND Rural Electric Cooperatives:**

- The ND Rural Electric Cooperative Association provided the following outage reports as of May 7:
 - Nodak Electric of Grand Forks reports 22 members are without power, but personnel are unable to restore service because of high water.
 - KEM Electric of Linton has one line still down, but it only feeds a few pasture wells. They plan to build around the water in the near future.
 - Northern Plains Electric Cooperative of Cando/Carrington reported the following outages:
 - 1 meter at Spiritwood Lake five miles east of Jamestown,
 - 3 meters in Maza and Atkins townships in Towner County,
 - 1 meter at the Jamestown Reservoir (lake),
 - 3 meters at the Jamestown Reservoir Marina,
 - 3 meters at the Jamestown Dam and Westtown areas, and
 - 4 meters at Smokey's Landing on the Jamestown Reservoir that feed many seasonal accounts.
 - Dakota Valley Electric Cooperative in Edgeley/Milnor reported 55 meters are disconnected at the seasonal camp ground at Lake LaMoure because of flooding awaiting inspection approval.

➤ **Dams –May 7**

▪ **Pipestem Dam:**

- Current reservoir level – 1,487.1 feet (-0.6 feet / 24 hours)
- Spillway elevation - 1,496.3 feet
- Spillway flows – None expected
- Current reservoir inflow – 376 cfs
- Current reservoir release – 1,400 cfs

▪ **Jamestown Dam:**

- Current reservoir level – 1,453.40 feet (minimal change last 24 hours)
- Spillway elevation - 1,454 feet
- Spillway flows – small spillway flows expected May 8 to May 10
- Current reservoir inflow – 850 cfs
- Current reservoir release – 1,800 cfs

▪ Combined releases into the James River are currently 3,200 cfs

▪ **Baldhill Dam**

- Current reservoir level – 1,268.1 feet.
- Spillway elevation - 1,271 feet
- Current reservoir inflow – 2,378 cfs
- Current reservoir release – 2,410 cfs

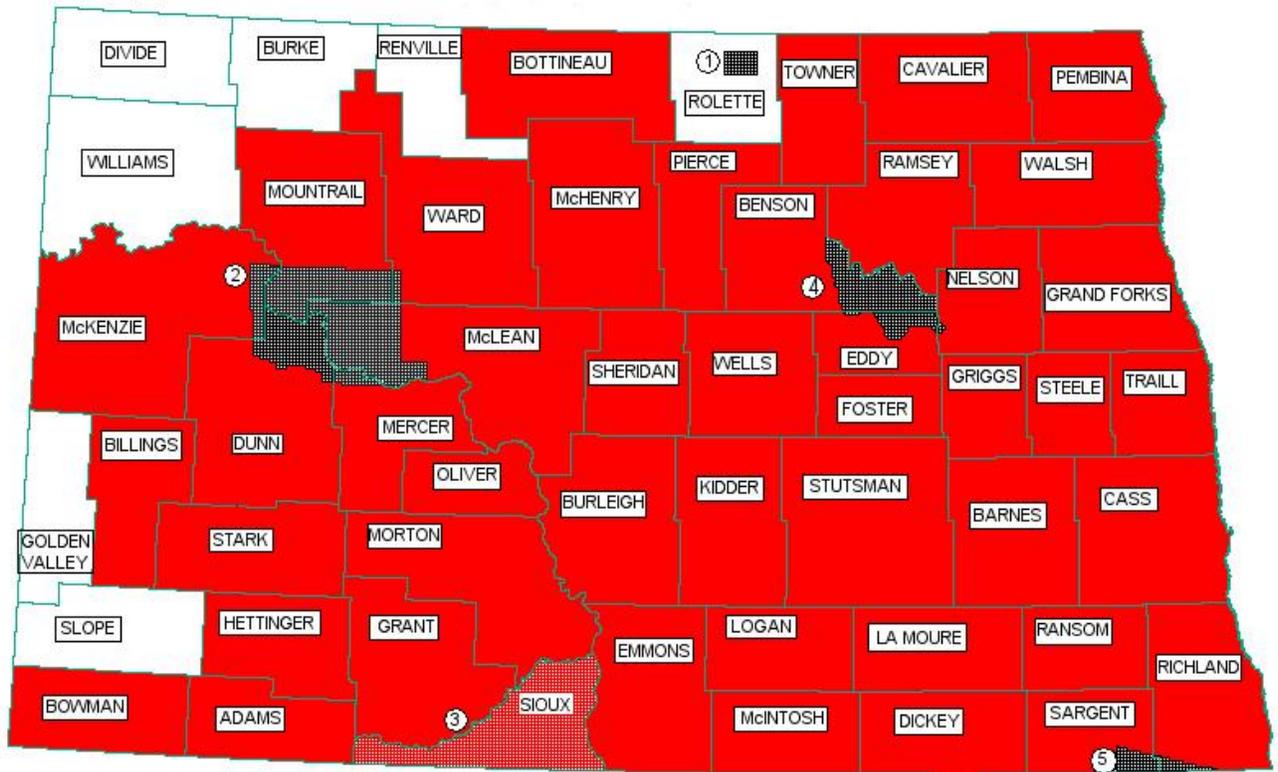
➤ **Roads**

The following is the ND Department of Transportation road report as of May 8:

- The following highways are closed due to water damage:
 - ND-9 nine miles west of Kensal.
 - ND-200 near Hazen from the junction of ND-200A to the junction of ND-1806.
 - ND-46 one mile west of Kindred at mile marker 110.
 - ND-18 from the ND-5 junction to the Canadian border.
- The following highways are closed due to water over the roadway:

- o ND-27 directly east of the junction of ND-32 in Lisbon.
- o ND-66 from ND-44 to the Red River crossing.
- o ND-54 from I-29 to the Red River.
- o ND-17 bridge over the Red River east of Grafton at mile post 138.
- o ND-5 from I-29 to the Red River east of Jolliette from mile post 332 to 335.
- The following highways have water over the roadway but traffic is allowed.
 - o ND-46 at mile post 6, four miles west of Gackle.
 - o ND-13 three miles west of Verona.
 - o ND-1 at the South Dakota border.
 - o US-2 east bound lanes 12 miles west of Devils Lake at mile post 257.
- The following highways have water in one lane, reducing the roadway to one lane of traffic.
 - o US-52 twelve miles east of Velva at mile post 129.5.
 - o ND-13 two miles east of Lehr at mile post 244.
 - o ND-14 approximately four miles north of Upham.
- **Declarations (See map)**
 - Governor John Hoeven issued a statewide emergency declaration on March 13.
 - The state was granted a Presidential Disaster Declaration for 34 counties and two Tribal Nations in North Dakota on March 24. The declaration was since amended as follows:
 - o **Individual Assistance (IA) Declaration Date:** April 10, 2009
 - o **IA:** 26 counties
 - o **IA Amendment Date:** April 23, 2009
 - o **IA Add-On Counties and Tribes:** 7 counties and 2 Indian Reservations
 - o **Public Assistance (PA) Declaration Date:** March 24, 2009
 - o **PA:** 34 counties and 2 Indian Reservations
 - o **PA Amendment Date:** April 23, 2009
 - o **PA Add-On Counties and Tribes:** 12 counties and 1 Indian Reservation
 - o **PA Additional Categories (A and C-G):**
 - o 31 counties and 2 Indian Reservations
 - o **Hazard Mitigation Grant Program (HMGP):** All declared counties and tribes are eligible
 - County Declarations – 46 counties
 - City Declarations – 41 counties
 - Tribal Declarations - 2 tribal nations

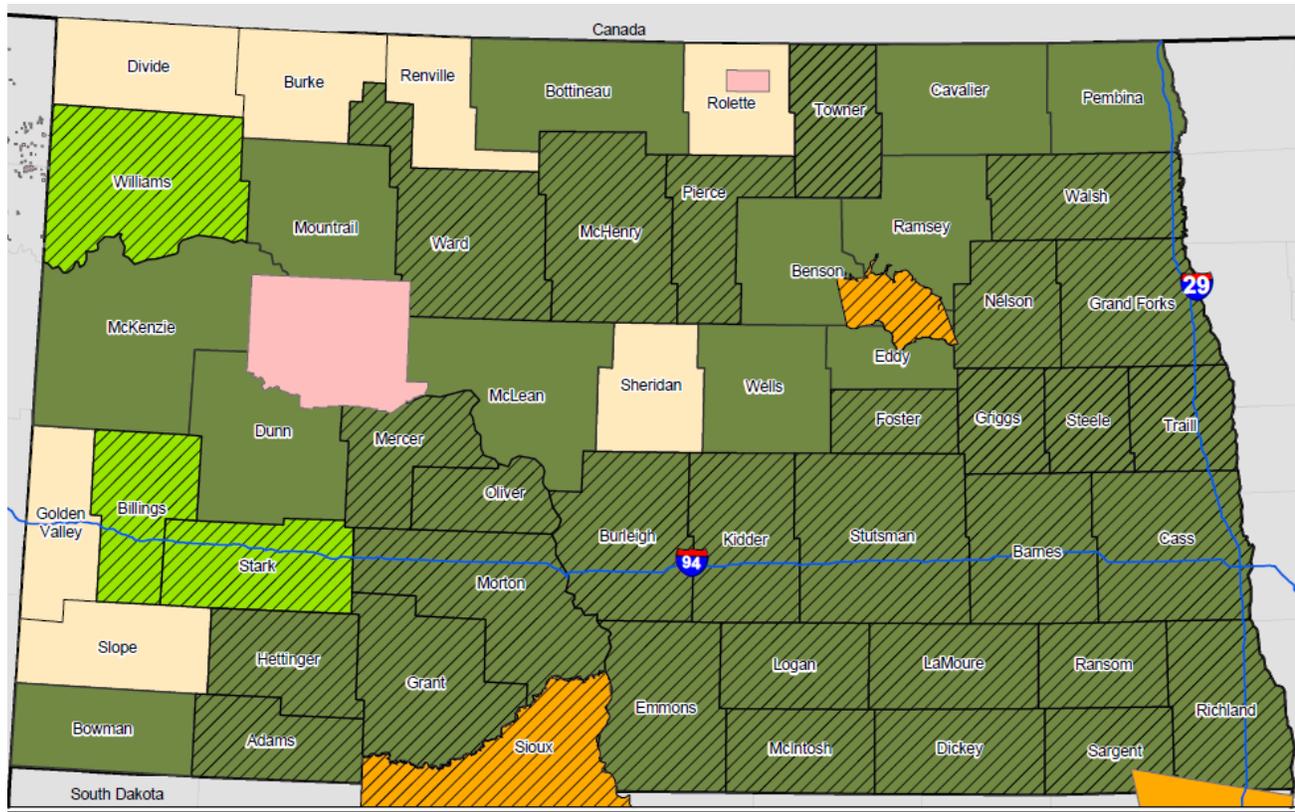
[Current County Declaration Map](#)



2009 Flood Declarations

- 1 Turtle Mountain
- 2 Three Affiliated Tribes
- 3 Standing Rock Sioux
- 4 Spirit Lake
- 5 Sisseton

[Current FEMA-DR-1829-ND Declaration Map](#)



Legend

-  IA Declared
-  Tribal
-  Tribal Public Assistance
-  Public Assistance (Category A-G)
-  Public Assistance (Category B)
-  North Dakota Counties

All counties in the State of North Dakota are eligible to apply for assistance under the Hazard Mitigation Grant Program.

[Weather Forecast: WESTERN AND CENTRAL NORTH DAKOTA:](#)

Today: Scattered showers. Cloudy, with a high near 53. North wind between 9 and 14 mph, with gusts as high as 20 mph. Chance of precipitation is 50%.

Tonight: Mostly cloudy, with a low around 35. North wind between 6 and 14 mph, with gusts as high as 20 mph.

Saturday: Partly sunny, with a high near 59. Wind chill values as low as 30 early. North wind between 6 and 10 mph.

Saturday Night: Partly cloudy, with a low around 34. North wind between 3 and 9 mph.
Sunday: Partly sunny, with a high near 64. North wind between 3 and 9 mph.
Sunday Night: Mostly cloudy, with a low around 40.
Monday: Partly sunny, with a high near 71.
Monday Night: A chance of showers and thunderstorms. Mostly cloudy, with a low around 46.
Tuesday: A chance of showers and thunderstorms. Mostly cloudy, with a high near 68.
Tuesday Night: A chance of rain. Mostly cloudy, with a low around 42.
Wednesday: A chance of showers. Mostly cloudy, with a high near 59.
Wednesday Night: Mostly cloudy, with a low around 38.
Thursday: Partly sunny, with a high near 60.

[Weather Forecast: EASTERN NORTH DAKOTA:](#)

Today: Mostly cloudy, with a high near 49. North northwest wind between 9 and 15 mph, with gusts as high as 20 mph.
Tonight: Mostly cloudy, with a low around 31. North northwest wind between 8 and 17 mph, with gusts as high as 23 mph.
Saturday: Mostly cloudy, with a high near 50. Wind chill values as low as 24 early. North northwest wind around 9 mph.
Saturday Night: Mostly cloudy, with a low around 32. North northwest wind between 5 and 9 mph.
Sunday: Partly sunny, with a high near 56. North northwest wind around 6 mph.
Sunday Night: Mostly cloudy, with a low around 39.
Monday: Partly sunny, with a high near 67.
Monday Night: A slight chance of showers. Mostly cloudy, with a low around 43.
Tuesday: A chance of showers and thunderstorms. Mostly cloudy, with a high near 66.
Tuesday Night: A chance of showers. Mostly cloudy, with a low around 42.
Wednesday: A chance of showers. Mostly cloudy, with a high near 58.
Wednesday Night: A chance of showers. Mostly cloudy, with a low around 37.
Thursday: Mostly cloudy, with a high near 58.

[River Forecasts by River Basin – Listing Includes Rivers Above Flood Stage](#)

Rising= Steady= Falling=

Red River of the North

- Red River at Fargo  —21.55 ft—Flood Stage 18 ft—Crested 34 ft on Apr 16
- Red River at Grand Forks  —33.74 ft—Flood Stage 28 ft—Crested 44.27 ft on Apr 13
- Red River at Oslo  —32.94 ft— Flood Stage 26 ft—Crested at 37.4 ft on Apr 13
- Red River at Drayton  —39.84 ft—Flood Stage 32 ft—Crested at 43.09 ft Apr 16
- Red River at Pembina  —48.2 ft—Flood Stage 42 ft—Crested at 52.57 ft Apr 16

Sheyenne River

- Sheyenne River at Lisbon  —14.37 ft—**has dropped below the 15 ft flood stage—**
Crested at 22.84 ft on Apr 16
- Sheyenne River at Kindred  —20.51 ft —Flood Stage 16 ft—Crested at 21.22 ft on Apr 27
- Sheyenne River at W.F. Div  —21.82 ft—Flood Stage 18 ft—Crested 22.54 ft on Apr 13
- Sheyenne River at Harwood  —888.37 msl—Flood Stage 884 msl—Crested 891.25 Apr 13

James River Basin

- James River at Kensal ↓ — 15.59 ft—Flood Stage 9 ft—Crest (no forecast)
- Pipestem Dam ↓ — 1486.51 msl—Spillway elevation is 1,496.3 msl.
- Jamestown Dam ↓ — 1,453.28 msl — Spillway elevation is 1,454 msl.
- James River at Jamestown → — 14.02 ft—Flood Stage 12 ft—Crest (no forecast)
- James River at Ludden Dam ↓ — 15.45ft—Flood Stage 12 ft—Crest 18.2 ft on Apr 24

Devils Lake Basin

- Devils Lake → — 1,449.73 ft — continuing its record rise.
- Stump Lake → — 1,449.21 ft — continuing its record rise.

Souris River Basin

- Souris River at Towner ↓ — 52.08 ft— Flood Stage 52 ft – Crested at 55.1 ft on Apr 27
- Souris River at Bantry ↓ — 11.01 ft— Flood Stage 11 ft—Crest 14.4 ft Apr 21
- Willow Creek at Willow City ↓ — 9.95 ft—**has dropped below the 10 ft flood stage** — Crested at 13.97 ft on Apr 16
- Souris River at Westhope ↓ — 14.9 ft—Flood Stage 10 ft—Crest 16.2 ft on Apr 29

Resource/Assistance Requests

N.D. Board of Animal Health

- Carcass removal and disposal operations in Cass, Benson, Kidder, Oliver and Morton Counties. (#588)(#609)(#611)
 - **ACCEPTED - NDNG**

N.D. Department of Health

- **Transportation to remove shelters from Grand Forks, Fargo and Valley City to Bismarck (#612)**
 - **ASSIGNED – NDDOT, Awaiting Additional Information**

N.D. Department of Transportation

- 6,000 linear feet of HESCO barrier to be placed at Geskes Curve in Ramsey County. (#605)
 - **ASSIGNED - NDNG**

N.D. National Guard (NDNG)

- One unit ministry team to work in the city of Jamestown up to two weeks to assist in ministry to troops. (#594)
 - **ACCEPTED – EMAC**

Barnes County

- 60K generator to replace the current 100K generator; the 60K generator will be retained by Valley City State University until May 31. (#600)
 - **ACCEPTED – NDNG**

Dickey County

- Removal of sandbags and HESCO barriers in city of Ludden. (#610)
 - **ASSIGNED - USACE, St. Paul District**

Nelson County

- Protection of Stump Lake Park utilizing HESCO barrier placement by the NDNG. (#604)
 - **ASSIGNED – NDNG, Awaiting Additional Information**

Ransom County

- Three 3-inch Grainger pumps from the NDNG to be operated by city of Lisbon personnel. (#607)
 - **ACCEPTED - NDNG**

Stutsman County

➤ Current NDNG missions in Jamestown are as follows:

- 8 personnel for public works support - assigned to Public Works (a reduction of 2)
- 48 personnel for dike patrol (an increase of 2)
- 54 personnel for Quick Reactionary Force/Evacuation (an increase of 5)
- 8 personnel for Logistical Support (checking pumps, etc., a reduction of 4)
- 6 personnel for traffic control - a new mission (an increase of 6)

The staffing for these missions represents a net reduction of 20 soldiers or a total of 124. (#603)

- ACCEPTED – ASSIGNED - NDNG

Detailed Reports

Refer to previous Incident Summaries, as necessary.

LOCAL

Benson County

- On May 5, state and local officials visited a site near the city of Warwick where 28 cattle and 34 sheep had died due mainly to adverse weather conditions. The animal carcasses will be retrieved and buried on property under the control of the livestock owner. Disposal is planned for May 7 by NDNG personnel. The USDA office in Minnewaukan was informed.
– May 7

Stutsman County

- County, state and federal officials advise Jamestown and Pipestem reservoirs remain closed to all watercraft until further notice. There are significant safety concerns associated with the extremely high water in both reservoirs. Boat ramps and parking areas are under water, saturated ground conditions make access difficult, and debris and underwater obstructions pose safety hazards. – May 8

Wells County

- A contractor found two water line breaks in the city of Cathay water system. One break was under the Rocky Run Creek requiring temporarily running a water line above the creek. The second break was located under a local residence. The modular home had been moved five inches off its footings and will need to be reset. The city used water supplied by the city of Carrington. The water supply system became operational on May 8.

▪

STATE

N.D. Department of Agriculture (NDDoAg) Board of Animal Health (NDBoAH)

- NDBoAH, in coordination with the NDDoH, issued a Public Emergency Health Order for removal of a cattle carcass from Beaver Creek in Emmons County. The carcass is located on USACE land, but local officials have accepted responsibility for removal and disposal of the carcass. – May 8

N.D. State Electrical Board

- An electrical inspector along with a representative of the National Electrical Manufacturers Association documented flood-damaged wiring and electrical equipment in southern Cass

County. State inspectors are still trying to contact home owners who have not returned to their homes. – May 7

- An electrical inspector along with a Dakota Valley Electric Cooperative representative evaluated water-damaged equipment and wiring at Lake LaMoure. Fifty-six of 80 sites had power disconnected. – May 7
- An electrical inspector worked with Mor-Gran-Sou and Bureau of Reclamation officials to evaluate property with flood-damaged electrical wiring and equipment at Lake Tschida. Fourteen of 53 sites had power disconnected due to electrical wiring or equipment inundation by flood waters. – May 7
- Cabin owners at Lake LaMoure and Lake Tschida have been directed to contact a North Dakota licensed electrical contractor of their choice to disconnect all electrical wiring and equipment and to replace damaged. Once work has been done, the electrical contractor will issue an electrical wiring certificate to Mor-Gran-Sou certifying the electrical system is safe to energize. A field inspector from the North Dakota State Electrical Board will then perform an inspection of the work performed by the licensed electrical contractor.
- To find a list of licensed electrical contractors, visit the N.D. State Electrical Board website at www.ndseb.com, click on “Licensing” and under *Online Service* click “Find a Licensed Contractor” or refer to various phone directories. – May 7

NDSU Extension Service

- For information about preventing mold growth and other flood recovery efforts, visit NDSU’s flood information Web site at <http://www.ag.ndsu.edu/disaster/flood.html>. - May 7

N.D. Division of Homeland Security (NDHLS)

- The N.D. Division of Homeland Security has scheduled Public Assistance Program and Hazard Mitigation Grant Program applicant briefings as follows:
 - Friday, May 8, 9:00-11:00 MDT, Grand County Fair Building, 220 South Main St., Carson

N.D. National Guard (NDNG)

- Current missions are as follows:
 - STUTSMAN COUNTY: Mission set - Pumps, Traffic Control Points, Dike Patrols, Evacuation and Quick Response Force.
 - **Total personnel - 176 in Jamestown**
- 164 Engineering Battalion: Cattle recovery missions
 - **BENSON COUNTY:**
 - **Carcass Removal Team moved 19 cattle, 12 sheep, and 4 newborn animals to a burial site.**
 - **Recovery of equipment and reset for future cattle missions. – May 8– May 7**
 - **MORTON COUNTY:**
 - **Prepare to execute carcass recovery for approx 17 cattle.**
- 1-112th Aviation Battalion:
 - One UH-60 helicopter in Bismarck (normal duty day) for general aviation support and emplacement of 1-ton sand bags.
- Future Operations:
 - Continue to support flood operations from Jamestown and Bismarck.
 - Continue cattle recovery missions
 - **A total of 330 personnel continue assignments for flood response during the current rotational period.**

FEDERAL

U.S. Army Corps of Engineers (USACE)

- The USACE HESCO removal contract for the city of Oxbow, ND, was awarded to Specialized Contracting Inc. of Fargo, N.D. for \$305,000.00 on May 5, 2009. The company has until June 6, 2009, to complete removal of the HESCO sand barriers from the city of Oxbow. – May 7

Federal Emergency Management Agency (FEMA)

- FEMA will open a Disaster Recovery Center (DRC) in the city of Grafton on Monday, May 11. The DRC will be located at the Walsh County Courthouse, 600 Cooper Avenue.
- The DRC located in the city of Mayville will be closing Saturday, May 9.
- There are seven federal/state Disaster Recovery Centers currently operating in North Dakota to help people find out about their registration status, obtain recovery or mitigation program information, or help filling out SBA packets. – May 5

VOLUNTARY AGENCIES

No current updates

**Division of Homeland Security
Greg M. Wilz, Director**

**Division of State Radio
Mike Lynk, Director**