09-003, Spring Flooding
May 13, 2009
12:00 p.m. CDT
Incident Summary Report #69

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 8:00 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 8:00 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 – 252
  - Illnesses – 71
- Rescues
  - Rescues – 139
  - Animal Rescues – 135
- Livestock loss and producer impact reports - May 13
  - Calf losses – 19,982
  - Cattle losses– 4,455
  - Horse losses – 29
  - Other livestock losses – 208
  - Stranded livestock – 31
  - Access to feed blocked – 2,639
  - Depleted feed – 1,158
- Home and Business Damage
  - No recent updates
- Power Outages
  - Cass County currently has 46 electric meters out of service. In the city of Linton (Emmons County) there are approximately 20 meters without electricity and there is one

line down in Emmons County that supplies power to pasture wells. Cando (Towner County) and Carrington (Foster County) have reported 15 meters out of service. Grand Forks County has 22 meters out of service. All outages are storm related. – May 13

- Dams –May 13
  - **Pipestem Dam:**
    - Current reservoir level – 1,484.4 feet (-0.4 feet in the past 24 hours)
    - Spillway elevation - 1,496.3 feet
    - Current reservoir inflow – 582 cfs
    - Current reservoir release – 1,400 cfs
  - **Jamestown Dam:**
    - Current reservoir level – 1,452.4 feet (-0.3 feet in the past 24 hours)
    - Spillway elevation - 1,454 feet
    - Spillway flows – none expected
    - Current reservoir inflow – 731 cfs
    - Current reservoir release – 1,800 cfs
  - Combined releases into the James River are currently 3,200 cfs
  - **Baldhill Dam**
    - Current reservoir level – 1,267.47 feet.
    - Spillway elevation - 1,271 feet
    - Current reservoir inflow – 1,697 cfs
    - Current reservoir release – 2,370 cfs
- Roads

The following is the ND Department of Transportation road report as of May 13:

- The following highways are closed due to water damage:
  - ND-9 nine miles west of Kensal.
  - ND-46 one mile west of Kindred at mile marker 110.

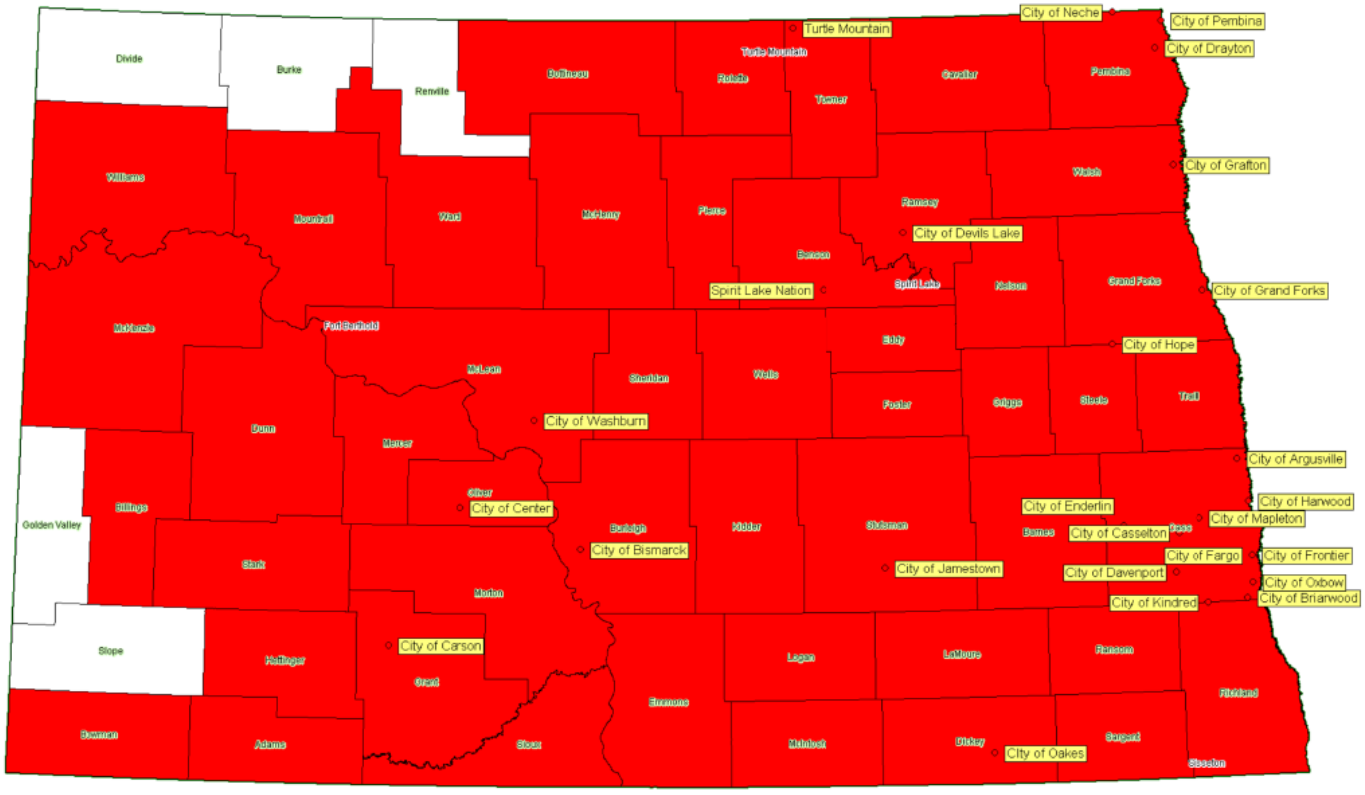
The following highways are closed due to water over the roadway:

  - ND-27 directly east of the junction of ND-32 in Lisbon.
  - ND-66 from ND-44 to the Red River crossing.
  - ND-54 from I-29 to the Red River.
  - ND-17 bridge over the Red River east of Grafton at mile post 138.
  - ND-5 from I-29 to the Red River east of Jolliette from mile post 332 to 335.
  - ND-46 at mile post 6, four miles west of Gackle.
- The following highways have water over the roadway but traffic is allowed.
  - ND-13 one mile east of Lehr and five miles east of Lehr.
  - ND-1 at the South Dakota border.
- The following highways have water in one lane, reducing the roadway to one lane of traffic.
  - US-2 eastbound lane 12 miles west of Devils Lake at mile post 257.
  - ND-13 eastbound lane three miles west of Verona.
- Declarations (See map)
  - Governor John Hoeven submitted a letter to FEMA Region VIII requesting to add-on three counties and one Indian Reservation for Public Assistance and nine counties and one Indian Reservation for Individual Assistance programs. – May 12
  - 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:
    - **Individual Assistance (IA) Declaration Date:** April 10, 2009

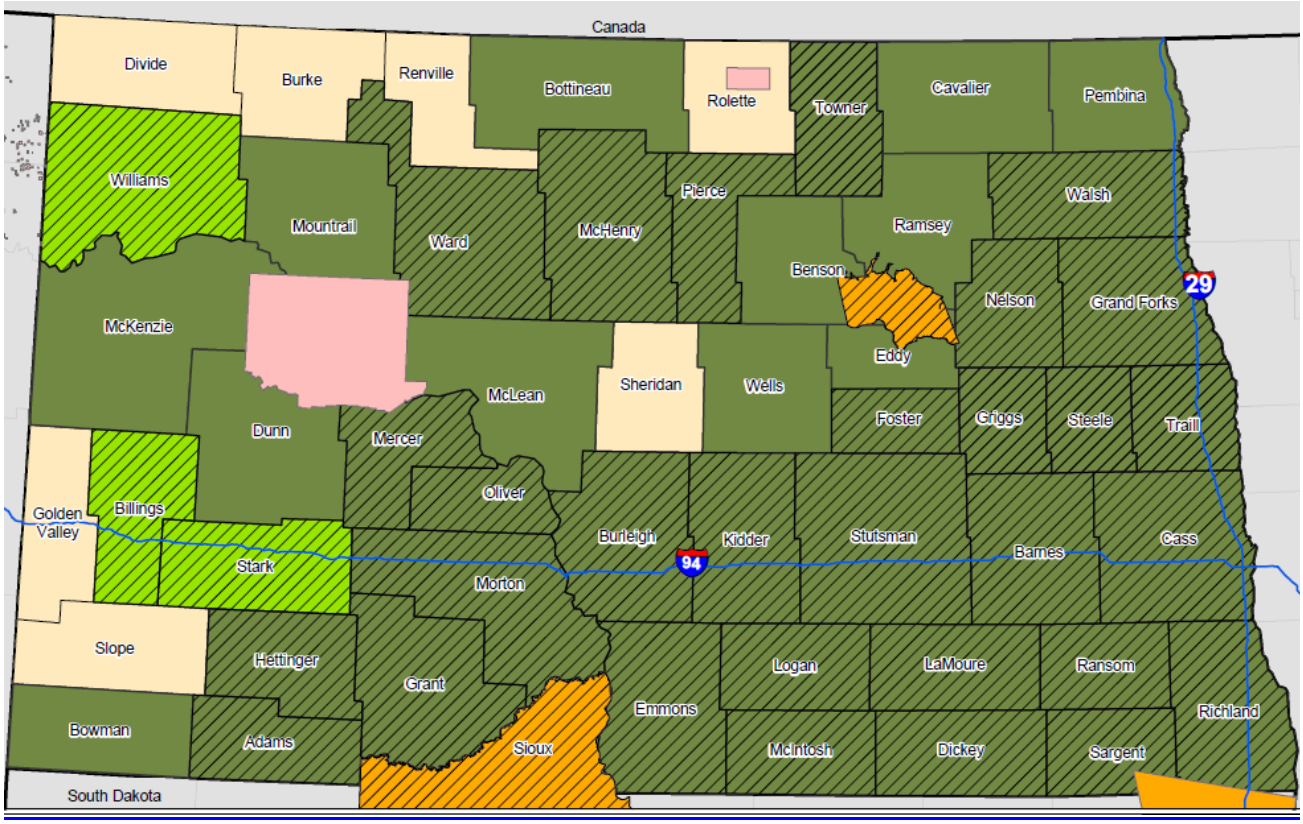
- **IA:** 26 counties
- **IA Amendment Date:** April 23, 2009
- **IA Add-On Counties and Tribes:** 7 counties and 2 Indian Reservations
- **Public Assistance (PA) Declaration Date**: March 24, 2009
- **PA:** 34 counties and 2 Indian Reservations
- **PA Amendment Date:** April 23, 2009
- **PA Add-On Counties and Tribes:** 12 counties and 1 Indian Reservation
- **PA Additional Categories (A and C-G):**
- 31 counties and 2 Indian Reservations
- **Hazard Mitigation Grant Program (HMGP):** All declared counties and tribes are eligible

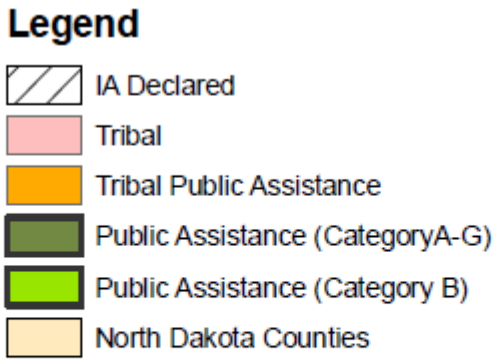
- County Declarations – 48 counties
- City Declarations – 41 counties
- Tribal Declarations - 2 tribal nations

Current County Declaration Map



Current FEMA-DR-1829-ND Declaration Map





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: Showers likely, mainly after 1pm. Mostly cloudy, with a temperature rising to near 50 by noon, then falling to around 45 during the remainder of the day. Windy, with a west wind between 28 and 31 mph, with gusts as high as 44 mph. Chance of precipitation is 60%.
Tonight: A 20 percent chance of showers before 1am. Cloudy, then gradually becoming partly cloudy, with a low around 29. Blustery, with a northwest wind 26 to 29 mph decreasing to between 6 and 9 mph. Winds could gust as high as 40 mph.
Thursday: Mostly sunny, with a high near 63. Wind chill values as low as 25 early. Calm wind becoming south between 11 and 14 mph. Winds could gust as high as 20 mph.
Thursday Night: Mostly cloudy, with a low around 44. South wind between 11 and 16 mph, with gusts as high as 23 mph.
Friday: Partly sunny, with a high near 60. Breezy, with a northwest wind 7 to 10 mph increasing to between 18 and 21 mph. Winds could gust as high as 29 mph.
Friday Night: Partly cloudy, with a low around 35.
Saturday: Mostly sunny, with a high near 61.
Saturday Night: Partly cloudy, with a low around 42.
Sunday: Mostly sunny, with a high near 65.
Sunday Night: Partly cloudy, with a low around 46.
Monday: Mostly sunny, with a high near 63.
Monday Night: Partly cloudy, with a low around 40.
Tuesday: A chance of showers and thunderstorms. Mostly cloudy, with a high near 59.

Weather Forecast: EASTERN NORTH DAKOTA:
Today: Showers likely before 1pm, then a chance of showers and thunderstorms between 1pm and 2pm, then showers likely after 2pm. Cloudy, with a high near 56. Windy, with a west wind between 22 and 31 mph, with gusts as high as 40 mph. Chance of precipitation is 60%. New rainfall amounts between a tenth and quarter of an inch, except higher amounts possible in thunderstorms.
Tonight: A 40 percent chance of showers before 1am. Cloudy, then gradually becoming partly cloudy, with a low around 34. Wind chill values as low as 25. Windy, with a northwest wind 29 to 32 mph decreasing to between 18 and 21 mph. Winds could gust as high as 41 mph. New rainfall amounts of less than a tenth of an inch possible.

Thursday: Mostly sunny, with a high near 52. Wind chill values as low as 24 early. Northwest wind 8 to 15 mph becoming southwest. Winds could gust as high as 20 mph.
Thursday Night: A 20 percent chance of showers after 1am. Mostly cloudy, with a low around 40. Southeast wind between 9 and 16 mph, with gusts as high as 20 mph.
Friday: A 20 percent chance of showers and thunderstorms before 1pm. Mostly cloudy, with a high near 51. Breezy, with a southeast wind 17 to 22 mph becoming west. Winds could gust as high as 26 mph.
Friday Night: Mostly cloudy and breezy, with a low around 33.
Saturday: Mostly sunny, with a high near 53.
Saturday Night: Partly cloudy, with a low around 39.
Sunday: Mostly sunny, with a high near 64.
Sunday Night: A slight chance of showers and thunderstorms. Partly cloudy, with a low around 41.
Monday: A chance of showers and thunderstorms. Mostly cloudy, with a high near 62.
Monday Night: A slight chance of showers and thunderstorms. Mostly cloudy, with a low around 37.
Tuesday: A chance of showers and thunderstorms. Mostly cloudy, with a high near 59.

River Forecasts by River Basin – Listing Includes Rivers Above Flood Stage
Rising=⇧ Steady=⇨ Falling=⇩

Red River of the North
- Red River at Fargo⇩————18.92 ft—Flood Stage 18 ft—Crested 34 ft on Apr 16
- Red River at Grand Forks⇩——28.93 ft—Flood Stage 28 ft—Crested 44.27 ft on Apr 13
- Red River at Oslo⇩———— 29.28 ft— Flood Stage 26 ft—Crested at 37.4 ft on Apr 13
- Red River at Drayton ⇩——— 38.21 ft—Flood Stage 32 ft—Crested at 43.09 ft Apr 16
- Red River at Pembina ⇩———46.36 ft—Flood Stage 42 ft—Crested at 52.57 ft Apr 16

Sheyenne River
- Sheyenne River at Kindred⇩——17.49 ft —Flood Stage 16 ft—Crested at 21.22 ft on Apr 27
- Sheyenne River at W.F. Div⇩— 21.21 ft—Flood Stage 18 ft—Crested 22.54 ft on Apr 13
- Sheyenne River at Harwood⇩ —886.75 msl—Flood Stage 884 msl—Crested 891.25 Apr 13

James River Basin
- James River at Kensal⇩ —— 14.96 ft—Flood Stage 9 ft——Crest (no forecast)
- Jamestown Dam⇩——1,452.44 msl — Spillway elevation is 1,454 msl.
- James River at Jamestown⇧ ——13.98 ft—Flood Stage 12 ft—Crest (no forecast)
- James River at Ludden Dam⇨— 15.24 ft—Flood Stage 12 ft—Crest 18.2 ft on Apr 24

Devils Lake Basin
- Devils Lake⇧— 1,450.15 ft — continuing its record rise.
- Stump Lake⇧ —1,449.42 ft — continuing its record rise.

Souris River Basin
- Souris River at Westhope⇩———14.08 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, and along the Cannonball River from Breien to Oahe. (#611)(#615)(#616)
  - ACCEPTED – NDNG, NDDA, NDDoH

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

LaMoure County

- USACE assistance with dike removal along Highway 13 coming into the city of LaMoure and along County Road 60 south of the LaMoure airport. (#613)
  - 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

- Removal of temporary sandbag dikes and levees in the city of Jamestown. (#614)
  - ASSIGNED – USACE, St Paul District

Detailed Reports

Refer to previous Incident Summaries, as necessary.

LOCAL

No current updates

STATE

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

- Livestock producers whose operating facilities were damaged by spring flooding are urged to consider the Livestock Pollution Prevention Program (LP3) before starting or contracting repair work. LP3 provides technical and financial assistance to help producers develop manure management systems that comply with federal and state environmental regulations. LP3 can provide cost-share assistance up to 60 percent for lagoons, run-off ponds, clean water diversions, lot sloping, fencing, waterers, stacking pads, heavy use cement cattle aprons, piping, manure pumps, and possible relocation of facilities. Interested producers should contact Jason Wirtz, the LP3 coordinator for the NDDA, at (701) 328-2216. – May 11

N.D. Department of Human Services

- The department has notified FEMA officials the state will not resubmit the short-term disaster crisis counseling grant application. Spring flooding crisis counseling needs exist across the state; however, North Dakota's needs do not meet the federal "definition of need" based on the grant formula. In addition, the grant's time frame does not allow sufficient time to hire a contractor to provide the services.

  ND DHS will continue to monitor counseling needs through its existing public mental health system of regional human service centers. Other counseling and support resources are also available to serve those in need.

  Staff from the Central Office, Regional Human Service Center, and County Social Service Offices remain involved in recovery efforts. The Department will continue to review information received from the Disaster Recovery Centers, Voluntary Organizations Active in Disasters (VOAD), and other sources. Based on the ongoing assessment, the ND DHS may apply for long term disaster crisis counseling funds at a later date. – May 12

N.D. National Guard (NDNG)

- Current missions are as follows: - May 13
  - STUTSMAN COUNTY: Flood operations support.
    - Total personnel - 176 in Jamestown
- 164 Engineering Battalion: Cattle recovery missions
  - Haul equipment from Minot to Dickinson.
  - MORTON COUNTY:
    - Execute carcass recovery for approximately 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.

FEDERAL

Federal Emergency Management Agency (FEMA)

- Residents of the following declared counties/tribal nations are eligible for assistance: Adams, Barnes, Billings, Burleigh, Cass, Dickey, Emmons, Foster, Grand Forks, Grant, Griggs, Hettinger, Kidder, LaMoure, Logan, McHenry, McIntosh, Mercer, Morton, Nelson, Oliver, Pierce, Ransom, Richland, Sargent, Sioux, Spirit Lake, Stark, Steele, Stutsman, Towner, Traill, Walsh, Ward, and Williams. – May 13
- DRC Locations: **Ward County,** Minot Municipal Auditorium, 420 3rd Ave. SW, Rm 201; **Stutsman County,** Buffalo Mall, 2400 8th Ave. SW, Suite B, Jamestown; **Barnes County,** Barnes County Courthouse, 230 4th St. NW, Valley City; **Cass County,** Cass County Courthouse Annex, 1010 2nd

Ave. South, Fargo; **Ransom County,** Fair Grounds Expo Center (New Addition), 612 Prospect St., Lisbon; **Spirit Lake Nation,** Dakota Tribal Industries, Main Lobby, 1 Main St., Fort Totten; **Walsh County,** Walsh County Courthouse, Farmers Room, 600 Cooper Ave., Grafton.

- Individuals are urged to register for assistance before stopping at the DRC by calling **1-800-621-FEMA (3362)** or **TTY 1-800-462-7585**. Online, visit www.DisasterAssistance.gov . Online registration is available daily from 6 a.m. – midnight CDT and 5 a.m. – 11 p.m. MDT until further notice.
- A series of community mitigation workshops have been scheduled to allow federal, state and local officials to educate North Dakotans about flood maps, flood-fighting home improvement projects, benefits of flood insurance and other issues. Three workshops have already been scheduled:
  - Minot, May 13, at the Minot City Auditorium: 420 3rd Ave. SW
  - Dickinson, May 14, at the Dickinson City Hall: 99 E. 2nd St
- FEMA Cumulative Individual Assistance Registrations: 3,938 – May 13
  - Small Business Administration Approvals: 88
  - Eligible Requests for Public Assistance: 168
  - Disaster Unemployment Assistance Claims Received: 951
  - Dollar Amounts Approved:
    - Individual and Household Program: $4,777,626
    - Disaster Unemployment Assistance: $102,813
    - SBA Applications: $3,622,000
    - Public Assistance Obligated: $5,431,830

VOLUNTARY AGENCIES

North Dakota Voluntary Agencies Active in Disaster (NDVOAD)

- Local flood assistance hotlines for both volunteers and for those needing assistance include: Jamestown, 701-251-6241; Valley City, 701-845-8017; Fargo/Moorhead, 2-1-1; Emmons County, 701-254-4811; Mercer County, 701-873-4397 or 701-873-4348, and all others, 800-366-9841 (Lutheran Disaster Response). Individuals may also seek additional assistance from the United Way, American Red Cross or Salvation Army.
- The State of North Dakota has established a donations management web site, www.nd.gov/des/donations/ and hotline, 1-877-422-0062, to help connect people who want to volunteer or donate to voluntary agencies in need of their donations. – May 12

Division of Homeland Security
Greg M. Wilz, Director

Division of State Radio
Mike Lynk, Director