



**09-003, Spring Flooding
April 28, 2009
12:00 p.m. CDT
Incident Summary Report #58**

Incident Overview

Summaries are published once daily at 12:00 p.m.

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, Sheyenne and Missouri River Basins.

State Emergency Operations Center (SEOC) Activation – **Level II (Partial Activation)**. The SEOC will be staffed daily from 7:00 a.m. to 8:00 p.m. by the N.D. Division of Homeland Security (NDHLS). The Duty Officer will be responsible for incident-related calls between 8:00 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 – 246
 - Illnesses – 69
- **Rescues**
 - Rescues – 139
 - Animal Rescues – 135
- **Confirmed livestock loss reports received from County Extension agents in 22 of 53 counties. – April 24**
 - Calves – 18,555
 - Cattle – 4,012
 - Horses – 27
 - Other Livestock - 120
- **Evacuations/Sheltering**
 - Local shelters on stand by - April 23
 - Oriska School
 - Sacred Heart Church, Sanborn
 - Lisbon School (independent shelter)
 - Jamestown High School
 - First Assembly of God (also backup registration center)
 - State Shelters on stand by -April 20

- Horizon Middle School
- Charity Lutheran Church
- Century High School
- Hughes Administration Building
- Simile Middle School
- Bismarck High School
- Mandan Jr. High School
- Mandan High School
- State Reception Center on Stand-By
 - NDDoH Environmental Health Training Facility, Bismarck
 - Jamestown YMCA, Jamestown
- Pet Shelters
 - Four animal shelters are open; a total of 27 pets are being sheltered. – April 28
- Sewage System Failure
 - No recent updates.
- Dike Reports
 - No recent updates.
- Flooding
 - No recent updates.

Dams

- Jamestown – Pipestem Dams (Stutsman County)
 - The U.S. Army Corps of Engineers (USACE) increased releases by 50 cfs to 1,750 cfs on April 28. On April 27, the USACE increased releases from the Jamestown Reservoir twice by 100 cfs each time. Pipestem Dam releases remain at 1,400 cfs for a combined release from both dams of 3,150 cfs. Inflows into Pipestem Reservoir measure 718 cfs, and 1,785 cfs into the Jamestown Reservoir.
 - Small spillway flows are expected at the Jamestown Reservoir between April 27 and May 10. – April 27

Roads

The following is the ND Department of Transportation road report as of April 28:

- The following highways are closed due to water damage:
 - ND-8 between the junction of US-12 and ND-21 at mile post 16.
 - 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.
- 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 Joliette from mile post 332 to 335.
 - ND-18 from the junction of ND-5 to the Canadian border.
- The following highways have water over the roadway but traffic is allowed.
 - ND-9 mile post 35 one mile west of Wimbledon.
 - ND-9 at mile post 41 south of Wimbledon.
 - ND-46 westbound lane at mile post 6, four miles west of Gackle.
 - ND 14 approximately 4 miles north of Upham.
 - ND-13 three miles west of Verona.
 - ND-1 at the South Dakota border.

- o ND-20 one half mile south of Webster.
- 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
- Damages to Homes/Businesses
 - o No recent updates.
- Railroads
 - o No recent updates.
- 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. – March 25
 - The Presidential Disaster Declaration, issued March 24, has been expanded to include FEMA Individual Assistance (IA) for eligible applicants in the following counties: Adams, Barnes, Billings, Burleigh, Cass, Dickey, Emmons, Foster, Grand Forks, Griggs, Hettinger, Kidder, LaMoure, Logan, McIntosh, Mercer, Morton, Nelson, Ransom, Richland, Sargent, Steele, Stutsman, Towner, Traill and Williams. Other counties may be added for Individual Assistance after further evaluation. – April 10
 - An additional 22 counties were added to the Presidential Disaster Declaration on April 10, 2009. Griggs, Steele, Towner and Traill were also added for Individual Assistance only. – April 22
 - County Declarations – Adams, Barnes, Benson, Bottineau, Burleigh, Cass, Cavalier, Dickey, Dunn, Eddy, Emmons, Foster, Grand Forks, Grant, Griggs, Hettinger, Kidder, LaMoure, Logan, McHenry, McIntosh, McKenzie, McLean, Mercer, Morton, Mountrail, Nelson, Oliver, Pembina, Pierce, Ramsey, Ransom, Richland, Sargent, Sheridan, Sioux, Steele, Stutsman, Traill, Walsh, Ward and Wells.
 - City Declarations – Argusville, Bismarck, Briarwood, Casselton, Center, Davenport, Devils Lake, Drayton, Enderlin, Frontier, Fargo, Frontier, Horace, Grafton, Grand Forks, Harwood, Hope, Jamestown, Kindred, Leonard, Mapleton, Napoleon, North River, Prairie Rose, Oakes, Oxbow, Neche, Pembina, Reiles Acres, Towner, Valley City, Wahpeton, Great Bend, Mooreton, Walcott, Barney, Fairmount, Dwight, Wyndmere, and Lidgerwood.
 - Tribal Declarations - Turtle Mountain Band of Chippewa and Standing Rock Indian Reservation.

Wednesday Night: Showers are likely with a low around 37. Expect a southeast wind 8 to 14 mph becoming southwest. Rainfall amounts between a quarter and half of an inch are possible.

Thursday: Mostly cloudy, with a high near 49 and a northwest wind between 7 and 16 mph, with gusts as high as 20 mph. Rainfall amounts of less than a tenth of an inch are possible.

Thursday Night: A slight chance of rain showers before 1:00 a.m. and mostly cloudy, with a low around 33.

Friday: A slight chance of rain and snow showers before 1:00 p.m. with a high near 50.

Friday Night: Mostly cloudy, with a low around 32.

Saturday: A slight chance of showers and mostly cloudy, with a high near 53.

River Forecasts

Rising= Steady= Falling=

Major Flood Stage

Red River Basin

- Sheyenne River at W.F. Div —22.21 ft—Flood Stage 18 ft—Crested 22.54 ft on Apr 13
- Pembina River at Neche —20.75 ft—Flood Stage 18 ft—Crest 21.6 ft on Apr 22.

Sheyenne River Basin

- Sheyenne River at Valley City —17.52 ft—Flood Stage 15 ft—Crested at 20.58 ft Apr 17

James River Basin

- James River at Kensal —16.35 ft—Flood Stage 9 ft—Crest (no forecast)
- Pipestem Dam —At Record Stage—1,491.11 msl
- Jamestown Dam —At Record Stage—1,453.95 msl

Devils Lake Basin

- Devils Lake —1,449.05 ft — continuing a steady rise—Record is 1449.2 ft
- Stump Lake —1,448.67 ft — continuing its record rise.

Moderate Flood Stage

Red River Basin

- Red River at Oslo —35.59 ft— Flood Stage 26 ft—Crested at 37.4 ft on Apr 13
- Red River at Fargo —29.01 ft—Flood Stage 18 ft—Crested 34 ft on Apr 16
- Red River at Drayton —41.28 ft—Flood Stage 32 ft—Crested at 43.09 ft Apr 16
- Red River at Harwood —890.77 msl—Flood Stage 884 msl—Crested 891.25 Apr 13
- Red River at Pembina —50.75 ft—Flood Stage 42 ft—Crested at 52.57 ft Apr 16

Souris River Basin

- Souris River at Bantry —12.73 ft— Flood Stage 11 ft—Crest 14.4 ft Apr 21
- Souris River at Towner —55.10 ft— Flood Stage 52 ft—Cresting today
- Souris River at Westhope —15.88 ft—Flood Stage 10 ft—Crest 16.1 ft on Apr 22

Sheyenne River Basin

- Sheyenne River at Kindred —21.19 ft—Flood Stage 16 ft—Steady at 21 ft thru Apr 24

James River Basin

- James River at Jamestown —14.15 ft—Flood Stage 12 ft—Crest (no forecast)
- Sheyenne River at Lisbon —17.92 ft—Flood Stage 15 ft—Crested at 22.84 ft on Apr 16
- James River at Ludden Dam —15.85 ft—Flood Stage 12 ft—Crest 18.2 ft on Apr 24

Minor Flood Stage

Red River Basin

- Red River at Grand Forks —38.62 ft—Flood Stage 28 ft—Crested 44.27 ft on Apr 13
- Red River at Wahpeton —10.53 ft—Flood Stage 10 ft—Crested 15.2 ft on Apr 12
- Maple River at Mapleton —905.51 msl —Flood Stage 905 msl—Crested at 908.54 Apr 17
- Pembina River at Walhalla —11.26 ft—Flood Stage 11 ft—Crest today at 16.9 ft

James River Basin

- James River at LaMoure ↓ — 14.50 ft — Flood Stage 14 ft — Crested at 17.3 ft on Apr 16

Souris River Basin

- Willow Creek at Willow City ↓ — 11.07 ft — Flood Stage 10 ft — Crested at 13.97 ft on Apr 16

Missouri River Basin

- Little Missouri at Medora ↓ — 13.89 ft — Flood Stage 15 ft — Crest 17 ft on Apr 19

Near Flood Stage

Red River Basin

- Wild Rice River at Abercrombie ↓ — 9.29 ft — Flood Stage 10 ft — Crested 20.32 ft on Apr 13
- Maple River at Enderlin ↓ — 8.32 ft — Flood Stage 9.5 ft — Crested 13.02 ft on Apr 14

James River Basin

- Pipestem Creek at Pingree ↓ — 8.11 ft — Flood Stage 9 ft — Crested Apr 15 at 13.41 ft

Missouri River Basin

- Apple Creek at Menoken ↓ — 13.59 ft — Flood Stage 15 ft — Crested at 17.23 ft on Apr 14

Souris River Basin

- Wintering River at Karlsruhe ↓ — 6.34 ft — Flood Stage 7 ft — Crested at 9.19 ft on Apr 17

Resource/Assistance Requests

N.D. Board of Animal Health

- Mission 1- A backhoe and a truck to Oliver County for livestock burial.
Mission 2- A loader and a truck to Cass County for livestock burial. (#588)
 - ASSIGNED - NDNG
- One backhoe and one truck for carcass burial in Oliver County. Carcasses include: one horse, 18 dairy/beef cows, 20 dairy calves, 8 Yearlings, and 14 Bred Heifers. (#582)
 - 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

N.D. State Emergency Operation Center (SEOC)

- The Homeland Security Director requested a search and rescue (SAR) helicopter to back fill the USCG helicopter in Jamestown. (#595)
 - ACCEPTED – SEOC – Air Operations

Barnes County

- NDNG mobile shower (bathing) unit for residents. (#530)
 - ACCEPTED – NDNG

Cass County

- Assistance from the Corps of Engineers with dike removal in multiple locations. (#596)
 - ASSIGNED - USACE, St. Paul District
- USACE assistance to remove temporary levees and dikes in the city of Harwood. (#557)
 - ASSIGNED - USACE, St. Paul District
- The city of Argusville requested USACE assistance in the removal of temporary levees and dikes. (#554)
 - ACCEPTED – USACE, St. Paul District

Grand Forks County

- The city of Grand Forks is requesting technical assistance to evaluate the means and methods of clay removal and disposal from the levee. (#568)
 - ASSIGNED - USACE, St. Paul District
- USACE assistance to remove temporary levees and dikes. (#553)

- ACCEPTED – USACE, St. Paul District

Kidder County

- Carcass removal and burial of 30 cows, 25 calves and 15 yearlings, some animals are still in the lake. (#590)
 - ASSIGNED – NDNG

Morton County

- Cattle carcass disposal in Morton County for seven cows and 30 calves. (#598)
 - ASSIGNED - NDNG

Pembina County

- Retain the 10 soldiers and equipment presently on site in the city of Pembina until the river level drops below 48 feet. (#584)
 - ASSIGNED - NDNG

Ramsey County

- Aerial photos of Ramsey County. (#580)
 - ASSIGNED - CAP

Ransom County

- Removal of clay, sandbag levees and woody debris that was cut down at the City of Fort Ransom. (#578)
 - ACCEPTED - USACE, St. Paul District
- Removal of clay, sandbags, and HESCO levees at the City of Lisbon. (#577)
 - ACCEPTED - USACE, St. Paul District
- A mobile FEMA Assistance Unit to assist elderly and citizens unfamiliar with FEMA processes. (#561)
 - ASSIGNED – DES RECOVERY GROUP

Stutsman County

- 25 soldiers for river, dike walking and inspection. (#574)
 - ASSIGNED – NDNG

Detailed Reports

Refer to previous Incident Summaries, as necessary.

LOCAL

Stutsman County

- During a special session, the Jamestown City Council agreed to cancel the AMVETS wrestling tournament scheduled for Friday and Saturday since the tournament would have created an 80-room shortage for the N.D. National Guard and USACE personnel.
- The Stutsman County Commission was scheduled to discuss road and other infrastructure repairs with the 62 organized townships.
- Personnel from the Stutsman County Sheriff's Office and N.D. Game and Fish Department are working to remove debris from the Jamestown and Pipestem Dams.
- The Public Information Center continues to operate from 7:00 a.m. to 11:00 p.m. while the EOC continues 24/7 operations. – April 28

STATE

Governor's Office

- Governor John Hoeven announced the White House has approved his request for an expansion of the Presidential Disaster Declaration issued on March 24. The expanded

declaration includes a range of new assistance programs designed to help the state recover from severe flooding this spring.

- Governor John Hoeven, Sen. Byron Dorgan, Sen. Kent Conrad, and Rep. Earl Pomeroy of North Dakota, and Governor Tim Pawlenty, Representative Colin Peterson and Senator Amy Klobuchar of Minnesota will meet Tuesday, May 5 in Washington, D.C. with the U.S. Army Corps of Engineers in an effort to advance a permanent flood protection project in the Red River basin. – April 25

N.D. Board of Animal Health

- Veterinarians are coordinating carcass removal efforts in Morton County with the N.D. National Guard. – April 28

N.D. Division of Homeland Security (NDHLS)

- NDHLS and Federal Emergency Management Agency (FEMA) officials announced the opening of a Disaster Recovery Center in the LaMoure Civic Center from 9:00 a.m. to 7:00 p.m. Monday through Saturday and 1:00 p.m. until 7:00 p.m., on Sunday. – April 28

N.D. National Guard (NDNG)

- The NDNG received notification from the SEOC, after consultation with the Cass County Emergency Manager, to release all assets in Cass County by Wednesday, April 29. – April 28
- The South Dakota National Guard has been requested to assign a Ministry Team (1 chaplain and 1 assistant chaplain) to Jamestown. – April 27

FEDERAL

FEMA

- All U.S. Coast Guard (USCG) and U.S. Fish and Wildlife (USFW) boats were demobilized on 04/24/2009. One USCG helicopter remains on 24-hour standby. All other Coast Guard helicopters have been released. The Mission Assignment for Coast Guard search and rescue support remains open. Four USFW boats permanently located in North Dakota are on standby to assist if needed. – April 27

VOLUNTARY AGENCIES

The American Red Cross (ARC)

- ARC is attempting to locate storage facilities for Jamestown residents who voluntarily evacuated their homes. – April 26

Division of Homeland Security
Greg M. Wilz, Director

Division of State Radio
Mike Lynk, Director