



**09-003, Spring Flooding  
May 20, 2009  
12:00 p.m. CDT  
Incident Summary Report #73**

**Incident Overview**

*Summaries are published after 12:00 p.m., Monday, Wednesday and 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
- **Livestock loss and producer impact reports** - May 15
  - Calf losses – 20,198
  - Cattle losses– 4,618
  - Horse losses – 33
  - Other livestock losses – 448
  - Stranded livestock – 31
  - Access to feed blocked – 2,639
  - Depleted feed – 1,158
- **Home and Business Damage**
  - **A resident of Erie, ND, notified the State Emergency Operations Center (SEOC) of mold and plumbing problems resulting from flooding. The N.D. Department of Health, Cass/Fargo Health District and the Cass County Emergency Manager have been notified. – May 20**
- **Dams –May 20**
  - **Pipestem Dam:**
    - **Current reservoir level – 1,478.9 feet (-0.7 feet in the past 24 hours)**

- Spillway elevation - 1,496.3 feet
- Current reservoir inflow – 328 cfs
- Current reservoir release – 1,300 cfs
- **Jamestown Dam:**
  - Current reservoir level – 1,450.9 feet (-0.1 ft in the past 24 hours)
  - Spillway elevation - 1,454 feet
  - Current reservoir inflow – 454 cfs
  - Current reservoir release – 1,800 cfs
- Combined releases into the James River are currently 3,100 cfs
- **Baldhill Dam**
  - Current reservoir level – 1,266.03 feet
  - Spillway elevation - 1,271 feet
  - Current reservoir inflow – 518 cfs
  - Current reservoir release – 720 cfs

➤ **Roads**

The following is the ND Department of Transportation road report as of May 20:

- 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-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.

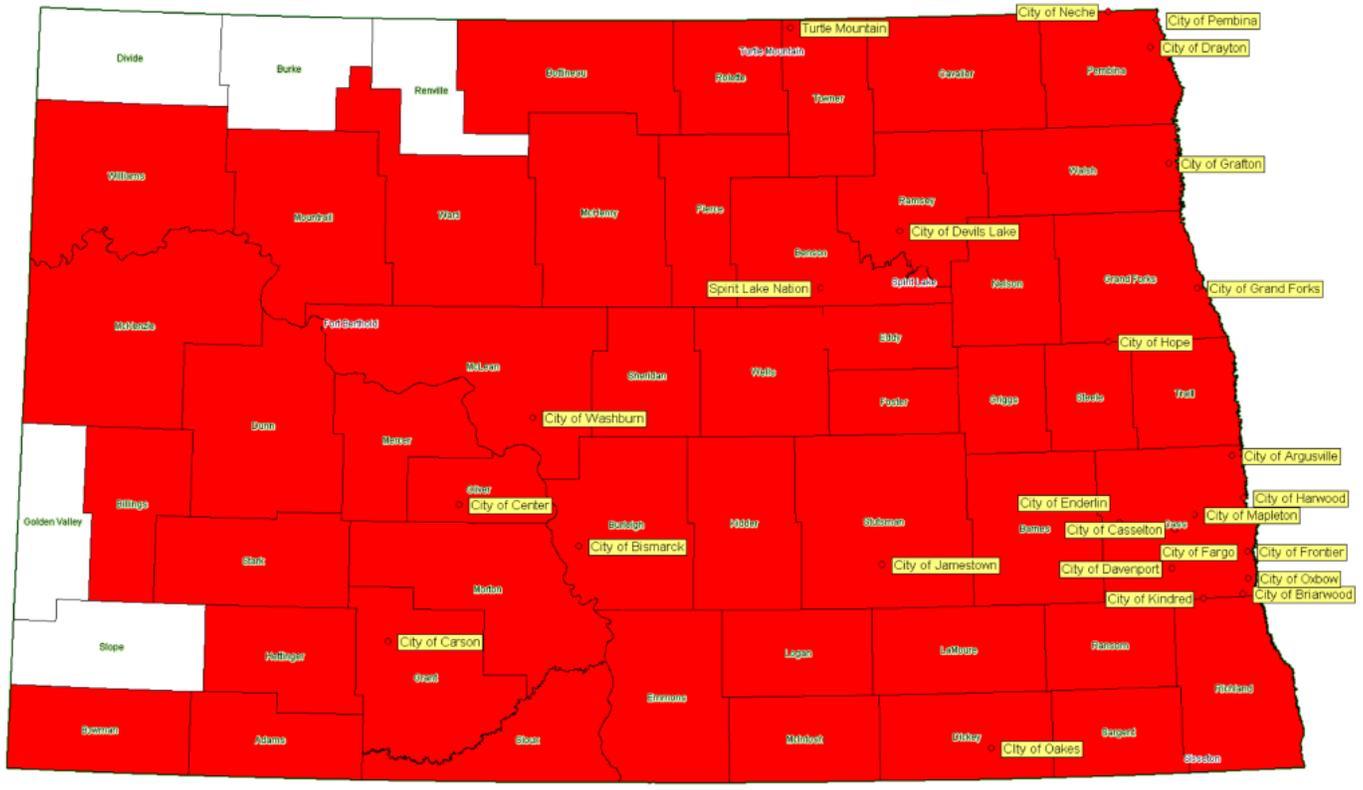
- The following highways have water in one lane, reducing the roadway to one lane of traffic.
  - US-2 eastbound lane 12 miles west of Devils Lake at mile post 257.
  - ND-13 eastbound lane three miles west of Verona.

➤ **Declarations (See map)**

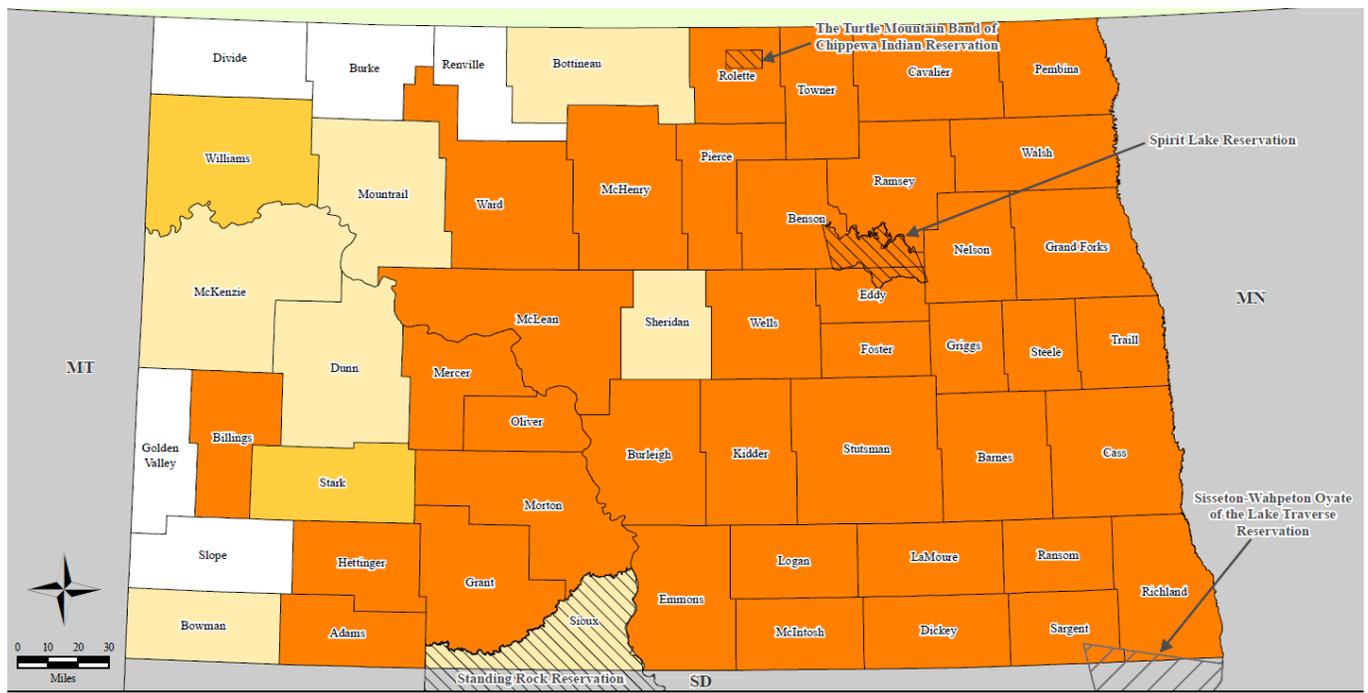
- On May 15 the Presidential Disaster Declaration for the State of North Dakota was amended to include seven additional counties for the Individual Assistance Program. Individual Assistance additions include the following: Benson, Cavalier, Eddy, McLean, Pembina, Rolette and Wells counties.
- Governor 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:** 41 counties, 3 Tribal Reservations
  - **Fifth Amendment Date:** May 15, 2009
  - **IA Add-On Counties and Tribes:** 7 counties
  - **Public Assistance (PA) Declaration Date:** March 24, 2009
  - **PA:** 34 counties and 2 Indian Reservations
  - **Fourth Amendment Date:** May 13, 2009
  - **PA Add-On Counties and Tribes:** 3 counties and 1 Indian Reservation

- **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](#)



**Legend**

Designated Counties	Designated Reservations
No Designation	Public Assistance
Public Assistance	Individual Assistance and Public Assistance
Individual Assistance and Public Assistance	
Individual Assistance and Public Assistance (Category B)	

*All counties are eligible for Hazard Mitigation*

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

**Today:** A 20 percent chance of showers and thunderstorms. Mostly cloudy, with a high near 70. Breezy, with a north wind between 16 and 22 mph, with gusts as high as 29 mph.

**Tonight:** A slight chance of showers before 1:00 a.m. Mostly cloudy, with a low around 41. Breezy, with a north wind 18 to 21 mph decreasing to between 6 and 9 mph. Winds could gust as high as 26 mph. Chance of precipitation is 20 percent.

**Thursday:** Mostly sunny, with a high near 67. North wind between 6 and 10 mph.

**Thursday Night:** Partly cloudy, with a low around 42. South wind between 6 and 9 mph.

**Friday:** Mostly sunny, with a high near 73. South wind 5 to 13 mph becoming west.

**Friday Night:** Mostly cloudy, with a low around 42.  
**Saturday:** Mostly sunny, with a high near 69.  
**Saturday Night:** Partly cloudy, with a low around 45.  
**Sunday:** Partly sunny, with a high near 72.  
**Sunday Night:** Partly cloudy, with a low around 48.  
**Memorial Day:** Partly sunny, with a high near 73.  
**Monday Night:** Mostly cloudy, with a low around 48.  
**Tuesday:** Mostly sunny, with a high near 71.

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

**Today:** Isolated showers and thunderstorms. Mostly cloudy, with a high near 66. North northwest wind between 14 and 18 mph, with gusts as high as 24 mph. Chance of precipitation is 20 percent.

**Tonight:** Isolated showers before 1:00 a.m. Mostly cloudy, with a low around 41. North northwest wind between 7 and 14 mph, with gusts as high as 18 mph. Chance of precipitation is 20 percent.

**Thursday:** Mostly sunny, with a high near 60. Northwest wind between 10 and 15 mph, with gusts as high as 20 mph.

**Thursday Night:** Partly cloudy, with a low around 39. West northwest wind 6 to 11 mph becoming southeast.

**Friday:** Mostly sunny, with a high near 66. Southeast wind around 8 mph becoming northwest.

**Friday Night:** Partly cloudy, with a low around 39.

**Saturday:** Mostly sunny, with a high near 66.

**Saturday Night:** Partly cloudy, with a low around 44.

**Sunday:** Partly sunny, with a high near 70.

**Sunday Night:** A slight chance of showers and thunderstorms. Partly cloudy, with a low around 49.

**Memorial Day:** Partly cloudy, with a high near 70.

**Monday Night:** Partly cloudy, with a low around 45.

**Tuesday:** Mostly sunny, with a high near 67.

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

Rising= Steady= Falling=

Red River of the North

- Red River at Fargo  —17.95 ft— **has dropped below the 18 foot flood stage** — Crested 34 ft on Apr 16
- Red River at Oslo  — 25.18 ft— **has dropped below the 26 foot flood stage** — Crested at 37.4 ft on Apr 13
- Red River at Drayton  —33.42 ft—Flood Stage 32 ft—Crested at 43.09 ft Apr 16
- Red River at Pembina  — 41.59 ft— **has dropped below the 42 foot flood stage** — Crested at 52.57 ft Apr 16

Sheyenne River

- Sheyenne River at W.F. Div  — 17.71 ft— **has dropped below the 18 foot flood stage** — Crested 22.54 ft on Apr 13
- Sheyenne River at Harwood  —882.9 msl— **has dropped below the 884 msl flood stage** —Crested 891.25 Apr 13

### James River Basin

- James River at Kensal  — 13.24 ft—Flood Stage 9 ft—Crest (no forecast)
- Jamestown Dam  — 1,451.02 msl — Spillway elevation is 1,454 msl.
- James River at Jamestown  — 13.88 ft—Flood Stage 12 ft—Crest (no forecast)
- James River at Ludden Dam  — 15.00 ft—Flood Stage 12 ft—Crest 18.2 ft on Apr 24

### Devils Lake Basin

- Devils Lake  — 1,450.22 ft — continuing its record rise.
- Stump Lake  — 1,449.7 ft — continuing its record rise.

### Souris River Basin

- Souris River at Westhope  — 12.48 ft—Flood Stage 10 ft—Crest 16.2 ft on Apr 29

### ➤ Resource/Assistance Requests

- The State Emergency Operations Center has processed 618 requests for assistance since March 12, 2009.
- LaMoure County  
NDNG to provide a specialized tool for removing Rapid Deployment Flood Wall (RDFW) from the city of LaMoure (#618)
  - ASSIGNED – NDNG

**Detailed Reports**

*Refer to previous Incident Summaries, as necessary.*

### LOCAL

#### Benson County

- The city of Leeds received over two inches of rain earlier this week washing out storm drains most likely damaged during the spring runoff. The county also received reports of basement wall damages due to water runoff.
- Land near a drainage culvert on Iverson Road, north of Leeds, has been washing out causing the culvert to drop below the road surface. The road, which is a road acting as a dam, has been closed with barricades. It is expected this road will be breached by continued erosion. The county water board has been notified. – May 20

#### Stutsman County

- City of Jamestown officials in collaboration with N.D. National Guard officials on Tuesday, May 19, agreed to a reduction of 30 soldiers between the dike patrol mission and the Quick Reactionary Force (QRF)/Evacuation mission. The remaining 74 soldiers will be combined into a single Dike Patrol/QRF/Evacuation mission by Friday, May 29, as follows:
  - 8 Public Works Support - assigned to Public Works (no change)
  - 52 combined Dike Patrol/Quick Reactionary Force/Evacuation (a reduction of 30 between the separate missions)
  - 8 Logistical Support (checking pumps, etc) (no change)
  - 6 Traffic Control - (no change)

- The National Guard currently has a Blackhawk helicopter and crew stationed in Bismarck available to return to Jamestown within 35 minutes of a request for assistance. The purpose of the Blackhawk would be to place one-ton sandbags as the need arises. City officials believe short response time is no longer necessary and that a response time of up to four hours will be adequate. The change in response time should take place no later than Friday, May 29.

#### Ward County

- One-hundred pregnant sheep were stranded when the Souris River overflowed its banks near Logan during flood response in the first week of May. As a result of the rescue, the Roosevelt Park Zoo received two lambs born from the group of rescued ewes. The lambs will be part of the Roosevelt Park Zoo's petting farm this year. Rescuers included local neighbors, the North Dakota Game and Fish Department, City of Minot Animal Control, the Roosevelt Park Zoo Director and several Zoo Staff. – May 20

### **STATE**

#### N.D. Department of Agriculture (NDDA) – May 20

- Livestock producers who incurred certain extraordinary feed-related expenses or losses because of this year's harsh winter or spring flooding may be eligible for compensation through the 2009 North Dakota Livestock Feed Transportation Program. Program details are as follows:
  - Producers may qualify for compensation if they experienced unusual losses of feed due to flooding, additional costs for transporting feed or had to pay extra for snow removal in order to reach feed or livestock.
  - Losses or costs incurred between Jan. 1 and May 31, 2009, must exceed 125 percent in at least one of the categories in the prior three-year average for the same time period.
  - The program does not cover cost of purchased feed. Payments will be based on a per-head basis to producers who meet established loss/cost criteria.
  - Producers must submit applications via the internet by June 15 at [www.agdepartment.com](http://www.agdepartment.com). Producers without a computer should contact the North Dakota State University Extension Service offices, North Dakota Stockmen's Association, lenders, or can use computers at local schools and libraries.
  - Producers may email questions about filling out the form to [ndda@nd.gov](mailto:ndda@nd.gov).
  - Funds will be distributed by August 15, following completion of audits.

#### N.D. Division of Homeland Security (NDHLS) – May 20

- North Dakota has been designated as a managing state for spring flood recovery programs. The state has been a managing state for the Hazard Mitigation Grant Program since 1997 and for the Public Assistance Program since 2002. The Division of Homeland Security administers federal disaster recovery programs and the Homeland Security Grant Program. Under the State Management of Disasters initiative, state or tribal governments, acting as their own grantee, may manage the Federal Emergency Management Agency (FEMA) Public Assistance program. Key elements of both are as follows:

#### **Public Assistance**

- The state conducts the program under a management plan with FEMA.
- The state provides field inspectors, who send in worksheets containing the information state data coordinators need to prepare project worksheets.
- The state processes project worksheets (specific scopes of work for disaster-related repairs).
- The state completes field inspections and monitors projects.

- FEMA does quality assurance/quality control reviews, including environmental compliance checks, and is the final approval authority for funding. FEMA obligates funding to the state as in other disasters.
- Benefit to the state include:
  - Staff is familiar with the territory and the local officials;
  - Faster program delivery.

#### **Hazard Mitigation Grant Program**

- A Memorandum of Understanding (MOU) between FEMA and the state outlines provisions for training of personnel and minimizes the need for FEMA review.
- The state is responsible for eligibility determination, cost benefit analysis and environmental review.
- FEMA is the final approval authority.
- The state allocates funds up front on approved small projects costing less than \$64,200.
- Large projects are paid on the basis of invoices submitted after the work is done.
- FEMA does not provide any additional funding to the state to manage the program.

#### **N.D. National Guard (NDNG)**

- **Current Missions: May 20**
  - Nelson County:
    - Provide personnel to assemble and place HESCO barriers at Stump Lake State Park.
  - Stutsman County:
    - Continue flood support operations.
  - Morton County:
    - Morton County cattle recovery missions. Mission completion is expected on May 22.
  - 1-112th Aviation Battalion:
    - One UH-60 helicopter with aircrew is on 24/7 standby in Bismarck for general aviation support and emplacement of 1-ton sand bags in Jamestown.

### **FEDERAL**

#### **U.S Army Corps of Engineers (USACE)**

- The USACE and the Bureau of Reclamation announced plans to reduce outflows by approximately 100 cubic feet per second (cfs) every other day, which began May 19 at Pipestem, with cuts at Jamestown scheduled to begin about May 25. The schedule will be maintained until the release rate totals 1,800 cfs by mid-June; 600 cfs at Pipestem and 1,200 cfs at Jamestown. Combined releases are currently 3,200 cfs.

#### **Federal Emergency Management Agency (FEMA)**

- State and federal announced the opening of the Ramsey County Disaster Recovery Center (DRC) in Devils Lake, at the Ramsey Armory Meeting Room, 417 5<sup>th</sup> St. NE, Devils Lake, ND. **Residents are urged to register for assistance before visiting the DRC.** Residents can register for assistance by calling **1-800-621-FEMA (3362)** or **TTY 1-800-462-7585** or visiting [www.DisasterAssistance.gov](http://www.DisasterAssistance.gov) online. The registration line is open daily from 6:00 a.m. – midnight CDT until further notice. Customer service representatives from the U.S. Small Business Administration (SBA) will also be available to answer questions about the SBA disaster-loan program and assist with disaster loan applications. FEMA mitigation specialists are also scheduled to be on hand at the DRC to provide information and answer questions about cost-effective rebuilding and repair techniques to reduce property damage in future disasters. – May 20
- Officials plan to open Disaster Recovery Centers in additional counties as the recovery continues.

- The Grafton and Minot DRCs will close at 7:00 p.m. on Wednesday, May 20.
- DRCs across the state of North Dakota will be closed on Memorial Day, Monday, May 25. DRCs will resume usual business hours (Monday – Saturday, 9:00 a.m. – 7:00 p.m. local time, and closed on Sundays) on Tuesday, May 26.
- FEMA's registration line and helpline will remain open on Memorial Day to assist residents. The line now has new operational hours. The hours are 7:00 a.m. – 11:00 p.m. CDT, or 6:00 a.m. – 10:00 p.m. MDT.
- The deadline to register for individual disaster assistance has been extended to August 10 for individuals and business owners in 41 North Dakota counties and three Indian Reservations. The additional 60 days will provide North Dakotans in all declared areas the opportunity to register for assistance. – May 18
- DRC Locations:
  - **Barnes County**, Barnes County Courthouse, 230 4<sup>th</sup> St. NW, Valley City;
  - **Cass County**, Cass County Courthouse Annex, 1010 2<sup>nd</sup> Ave. South, Fargo;
  - **Ramsey County**, Ramsey Armory Meeting Room, 417 5<sup>th</sup> St. NE, Devils Lake;
  - **Spirit Lake Nation**, Dakota Tribal Industries, Main Lobby, 1 Main St., Fort Totten;
  - **Stutsman County**, Buffalo Mall, 2400 8<sup>th</sup> Ave. SW, Suite B, Jamestown;
  - **Walsh County**, Walsh County Courthouse, Farmers Room, 600 Cooper Ave., Grafton.
  - **Ward County**, Minot Municipal Auditorium, 420 3<sup>rd</sup> Ave. SW, Rm 201;
- FEMA Cumulative Individual Assistance Registrations: 4,279 – May 15
  - Small Business Administration Approvals: 101
  - Eligible Requests for Public Assistance: 189
  - Disaster Unemployment Assistance Claims Received: 951
  - Dollar Amounts Approved:
    - Individual and Household Program: \$4,904,599
    - Disaster Unemployment Assistance: \$102,813
    - SBA Applications: \$4,225,900
    - Public Assistance Obligated: \$6,463,164

## **VOLUNTARY AGENCIES**

### **Voluntary Organizations Active in Disaster (VOAD)**

- North Dakota's Long Term Recovery Committee, as well as other local unmet needs committees, is available to North Dakota flood victims who have registered with FEMA and have exhausted other means of obtaining help. Those needing assistance can call 2-1-1. In addition, 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. These agencies can supply individuals with an application for consideration of Unmet Needs through the long term recovery process.
- VOAD members providing support included: Adventist Community Services, American Red Cross, Catholic Charities ND, Church of Jesus Christ of Latter Day Saints, Church World Service Emergency Response Program, Citizen Corps, Public Health Emergency Volunteer/Medical Reserve Corps, Civil Air Patrol, First Link, Lutheran Disaster Response, Mental Health America of North Dakota – 211, NECHAMA – Jewish Response to Disaster, Presbyterian Disaster Response, N.D. Psychological Association Disaster Response Network, Red River Radio Amateurs, The Salvation Army, United Church of Christ and United Methodist Disaster Response.

## Other Voluntary and Private Organizations

- The following organizations provided assistance to those impacted by flooding: American Cancer Society, AmeriCorps, BEK Communications, Convoy of Hope, Circle of Friends, Florida Search and Rescue, Lutheran Church in LaMoure, Operation Blessing and Fargo Walgreens.

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

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