



**09-003, Spring Flooding
April 13, 2009
1:00 p.m. CDT
Incident Summary Report #44**

Incident Overview

Summaries are published once daily approximately at noon. Continuous evaluation of operations will take place to determine required publication changes in the future.

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 I (Full Activation)

Significant Events

- **Deaths/Injuries** – as reported by the N.D. Department of Health
 - Deaths – 2
 - Injuries – 205 (155 during the week of March 30)
 - Illnesses – 58 (47 during the week of March 30)
- **Rescues**
 - Rescues – 132
 - Animal Rescues -- 33
- **Ice Jams**
 - No recent updates.
- **Evacuations/Sheltering**
 - **Barnes County**
 - Valley City officials issued a voluntary evacuation of approximately 700 residents after problems developed with the southwest portion of the Valley City dike. .—April 13
 - About 20 families were evacuated when a portion of the Valley City dike began seeping Sunday afternoon. A voluntary evacuation was ordered at 5:53 p.m. when the dike started to seep. At 6:11 p.m. mandatory evacuation was issued to residents as a precautionary measure.
 - The American Red Cross established a shelter at the Eagles Club.
 - The High Soaring Eagle Ranch evacuated eleven residents to the Legacy Place assisted living facility due to water over access roads. – April 10
 - Eight sisters who required skilled care were evacuated from Maryvale to the Sheyenne Care Center due the future possibility of water over access roads. – April 10
 - As a precautionary measure, Mercy Hospital relocated or discharged eight patients as follows:

- 2 -- Patients were discharged to their homes
- 1 -- Sheyenne Care Center
- 3 -- Jamestown Hospital
- 2 -- Oakes Community Hospital

- **Hettinger County**

- Hettinger County will be evacuating residents from West Mott at 9:30 am. – April 13
- The Cannonball River in Mott is within one or two feet from flooding. Surveillance will continue through the night. – April 12

- **Statewide**

Animal Shelters currently open – 5

- A temporary shelter managed by Prairie Paws Rescue in Jamestown is still open. The shelter is set up for approximately 100 animals and is currently housing 8 animals from different parts of the state.
- Animals presently sheltered - 181 – April 9

➤ **Dike Breach**

Barnes County

- On April 12, a contractor began constructing a ring dike around the seepage area near the Town and Country Golf Course. – April 12
- Additional seepage areas occurred on April 11, one at a lift station where a pipe was located; another area was reinforced. There was one spot where cracking was occurring; concrete was dropped to repair the crack. Another spot near the interstate that had settled is being built a foot higher.– April 12

➤ **Flooding**

- Preliminary data from the N.D. Geological Survey indicated historical maximum levels were exceeded at 16 gauging sites on the Red, Sheyenne, Cannonball, Knife, James and Maple Rivers, and Antelope, Beaver, Pipestem and Spring Creeks. The highest amount of departure from previous historical high water levels occurred at the gauge near Thompson with a chance of 3.56 feet. A final report will be issued at the conclusion of the 2009 spring flood response. – April 11
- **Bottineau County**
 - Officials reported major overland flooding in Newburg on April 12. Four fuel tanks are impacted but are not breached. One tank is starting to tilt; there is no access to it and the water is starting to recede. Water is surrounding the bottom of a 20,000-gallon propane tank.
 - Officials cut a county road to expedite the water movement. A crane is on standby in case additional road cuts are needed.
 - Water had flowed into the Newburg sewer and is now receding.
- **Dunn County**
 - Three miles north of the Dunn-Stark county line near Hwy 22, water from snow melt ran into an oil pit causing it to overflow and run into Spring Creek. - April 12
- **LaMoure County**
 - The U.S. Army Corps of Engineers (USACE) developed plans and awarded an emergency contract on Saturday to construct an emergency levee in the city of LaMoure. – April 11.
- **Stutsman County**
 - The city of Ypsilanti experienced overland flooding the afternoon of April 12. Three houses were threatened by flood waters. Volunteers assisted with the placement of sandbags to channel the water away from the homes. – April 13

- There is overland flooding in multiple locations, township roads were being inundated with water. – April 13

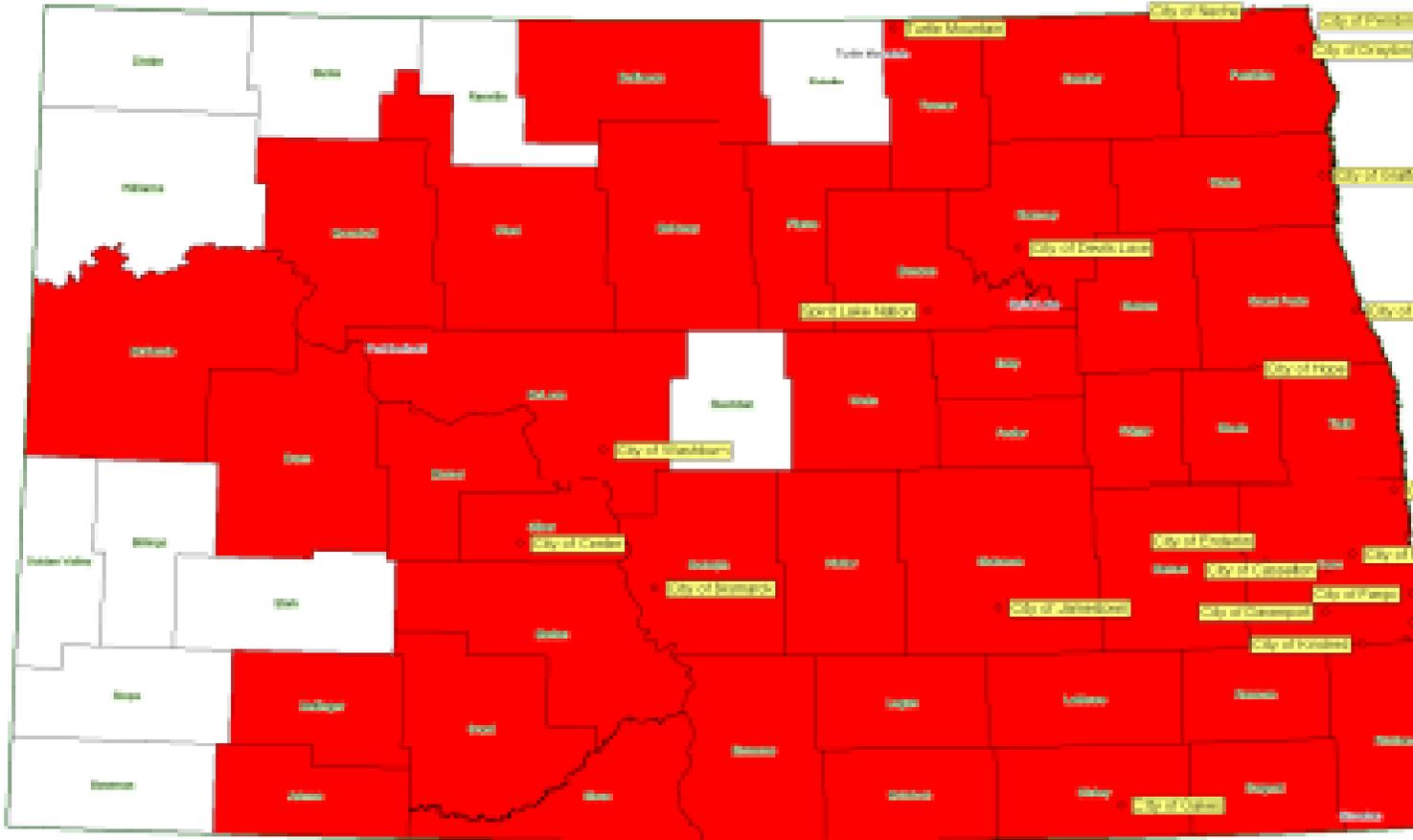
➤ Dam Releases

- In expectation of high runoff this weekend within the city of Jamestown, the U.S. Army Corps of Engineers (USACE) reduced releases from Pipestem Reservoir as runoff increased within the city of Jamestown. Due to high runoff on Saturday within the city of Jamestown, releases from Jamestown Reservoir were reduced from 1000 cfs to 600 cfs at 8:00 p.m. Saturday. – April 11
- At 9:15 a.m. April 12, releases from Pipestem Dam were reduced from 400 cfs to 200 cfs. At 1:00 p.m. April 12, releases from Jamestown Dam were reduced from 600 cfs to 400 cfs. These reduced totals of 600 cfs allows for up to 1200 cfs to be added through the City of Jamestown from snow melt run off for a combined total of 1800 cfs. - April 12
- Pipestem Reservoir  April 13, 2009
 - Current reservoir level – 1,468.3 feet 
 - Forecast reservoir level – 1,487 feet to 1,497 feet
 - Forecast crest – Last week of April 2009
 - Current Reservoir Release – 400 cfs 
- Jamestown Reservoir  April 13, 2009
 - Current reservoir level – 1,440.57 feet 
 - Forecast reservoir level – 1,453 feet to 1,458 feet
 - Forecast crest – Last week of April 2009
 - Current Reservoir Release – 600 cfs 

Roads

- The following highways are closed due to water over the roadway: - April 10
 - I-29 mile post 179 east of Grafton - Alexander Henry rest area closed due to flooding.
 - ND-66 from ND- 44 to the Red River crossing
 - ND-54 from I-29 to the Red River - open to local traffic only.
 - US-2 Business Loop, Sorlie Bridge in Grand Forks.
 - 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, Mile post 332 to 335.
 - ND-200 near Hazen from the ND-200A junction to the ND-1806 junction.
 - ND-200A north of Washburn to the junction of Hwy 200.
 - ND-200 from Bowden to junction of ND-52.
 - ND -27 closed until further notice directly east of Jct. ND-32 in Lisbon.
 - ND-13 near LaMoure.
- Cass County
 - Water on I-94 between Tower City and Oriska.
- LaMoure County
 - No travel is advised on county and township roads in Lamoure County due to rising waters. – April 12
- Mercer County
 - No travel is advised on secondary roads due to flooding.
- Morton County
 - No travel is advised in western Morton County due to water over the roadways. Many stretches of roads are washed out. – April 12
- Pembina County
 - County Road 55 is closed from ND-18 to the west side of I-94 due to ice on the road. Only emergency and local vehicles are allowed. – April 9

- **Wells County**
 - No travel is advised on Townships Roads due to flooding.
 - ND Hwy 200 1.5 miles east of Bowdon is closed due to water over the road.
 - County Hwy 5 West of Hamburg closed due to water over the road.
 - The paved road between Heaton and ND Hwy 200 is closed due to water over the road.
 - Old Hwy 52 between Fessenden and Harvey is closed due to water on the road.
- **Williams County**
 - Township officials reported several roads are washed out, particularly in the northern portion of the county where snow was heavy in an area from Alamo to Ray. The Winter Township Chair identified two in his county; roads have been signed. The Little Muddy River rose substantially, contributing to the damages. – April 11
- **Damages to Homes/Businesses**
 - **Stutsman County**
 - Twenty-five homes in Jamestown have been damaged due to overland flooding. Nineteen homes received various levels of water damage. Six homes received significant damage and were evacuated. - April 10
- **Livestock Losses – April 10**
 - 223 cattle
 - 679 calves
 - 3 sheep
 - 20 lambs
- **Declarations (See map)**
 - 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
 - The state was granted a Presidential Disaster Declaration for 34 counties and two Tribal Nations in North Dakota. – March 25
 - Governor John Hoeven issued a statewide emergency declaration on March 13.
 - 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, Sioux, Steele, Stutsman, Traill, Walsh, Ward and **Wells**.
 - City Declarations – Argusville, Bismarck, Briarwood, Casselton, Center, Davenport, Devils Lake, Drayton, Enderlin, Frontier, Fargo, Frontier, Grafton, Grand Forks, Harwood, Hope, Jamestown, Kindred, Leonard, Mapleton, Napoleon, North River, Prairie Rose, Oakes, Oxbow, Neche, Pembina, **Reiles Acres**, **Towner**, and Valley City.
 - Tribal Declarations - Turtle Mountain Band of Chippewa and Standing Rock Indian Reservation.



Weather Forecast: WESTERN AND CENTRAL NORTH DAKOTA:

Today: Becoming mostly cloudy, with a high near 61 and a west wind around 6 mph.

Tonight: Mostly cloudy, with a low around 37 and a south wind between 3 and 6 mph.

Tuesday: Partly sunny, with a high near 64 and a south wind between 5 and 15 mph, with gusts as high as 21 mph.

Tuesday Night: Mostly cloudy, with a low around 42 and a southeast wind between 15 and 18 mph, with gusts as high as 25 mph.

Wednesday: A 40 percent chance of showers and cloudy, with a high near 54 and a south wind between 16 and 18 mph, with gusts as high as 26 mph.

Wednesday Night: A 50 percent chance of showers and cloudy, with a low around 41.

Thursday: Showers likely and cloudy, with a high near 51. Chance of precipitation is 60%.

Friday: A chance of showers and cloudy, with a high near 52.

Weather Forecast: EASTERN NORTH DAKOTA:

Today: Mostly cloudy, with a high near 56 and a south wind around 10 mph. New rainfall amounts of less than a tenth of an inch possible.

Tonight: Mostly cloudy, with a low around 37 and a south wind around 8 mph.

Tuesday: Partly sunny, with a high near 63 and a south wind between 8 and 13 mph.

Tuesday Night: Partly cloudy, with a low around 38 and a south southeast wind between 9 and 11 mph.

Wednesday: Partly sunny, with a high near 61 and a south southeast wind between 13 and 18 mph, with gusts as high as 24 mph.

Wednesday Night: A 20 percent chance of showers and mostly cloudy and breezy, with a low around 41.

Thursday: Scattered showers and cloudy, with a high near 54. Chance of precipitation is 50%.

Friday: Scattered showers and cloudy, with a high near 54.

River Forecasts

Rising= Steady= Falling=

Major Flood Stage

Red River Basin

- Red River at Wahpeton——15.11 ft—Flood Stage 10 ft—Crest 15 ft on Apr 13
- Red River at Fargo——32.30 ft—Flood Stage 18 ft—Crest 39.3 ft on Apr 15
- Sheyenne River at W.F. Div——22.53 ft—Flood Stage 18 ft—Crest 23 ft on Apr 15
- Red River at Harwood ——891.20 msl—Flood Stage 884 msl—Crest 892 Apr 14-18
- Red River at Oslo——37.31 ft— Flood Stage 26 ft—Crest 37.9 ft on Apr 18
- Red River at Drayton ——43.20 ft—Flood Stage 32 ft—Crest 43+ ft thru Apr 18
- Red River at Pembina ——53.28 ft—Flood Stage 42 ft—Crest 52.5 Apr 15-19
- Wild Rice River at Abercrombie——20.31 ft—Flood Stage 10 ft—Crest 26 ft on Apr 14.

Sheyenne River Basin

- Sheyenne River at Valley City ——20.10 ft—Flood Stage 15 ft—Crest 22.2 ft Apr 14-16

Missouri River Basin

- Beaver Creek at Linton—— 14.80 ft—Flood Stage 9 ft — Crest 15.5 ft on Apr 12

Moderate Flood Stage

Red River Basin

- Red River at Grand Forks——44.25 ft—Flood Stage 28 ft—Crest 50 ft on Apr 18
- Maple River at Mapleton ——908.31 msl —Flood Stage 905 msl—Crest 909.5 Apr 14-18
- Maple River at Enderlin——12.84 ft —Flood Stage 9.5 ft—Crest 14.5 ft on Apr 14

Sheyenne River Basin

- Sheyenne River at Lisbon ——19.10 ft—Flood Stage 15 ft—Crest 22.6 ft on Apr 18
- Sheyenne River at Kindred——21.07 ft—Flood Stage 16 ft—Crest 22 ft Apr 14-19

James River Basin

- Pipestem Creek at Pingree——11.84 ft—Flood Stage 9 ft — Crest 11.7 ft on Apr 12
- James River at Ludden Dam—— 14.84 ft—Flood Stage 12 ft—Crest 14.8 ft on Apr 13-16

Souris River Basin

- Willow Creek at Willow City——15.14 ft—Flood Stage 10 ft—Crest 16 ft on Apr 15

Minor Flood Stage

Red River Basin

- Goose River at Hillsboro——12.16 ft—Flood Stage 10 ft —Crest 15 ft on Apr 15

James River Basin

- James River at Kensal —— 11.03 ft—Flood Stage 9 ft——Crest (no forecast)

Missouri River Basin

- Apple Creek at Menoken——17.1.00 ft—Flood Stage 15 ft—Crest 16.8 ft on Apr 15
- Cannonball River at Breien ——18.30 ft—Flood Stage 10 ft—Crest 15.6 ft on Apr 12
- Little Muddy River at Williston——10.34 ft—Flood Stage 10 ft—At Crest
- Knife River at Zap—— 15.20 ft — Flood Stage 14 ft — Crest 16 ft on Apr 13

Near Flood Stage

Red River Basin

- Park River at Grafton  —12.73 ft—Flood Stage 12 ft— Crest 15.5 ft. on Apr 15
- Forest River at Minto  —5.02 ft—Flood Stage 6 ft—Crest 8 ft on Apr 15

James River Basin

- James River at Grace City  —11.77 ft —Flood Stage 12 ft—Crest 15.9 ft on Apr 15
- James River at Jamestown  —10.22 ft— Flood Stage 12 ft—Crest (no forecast)
- James River at LaMoure  —14.88 ft— Flood Stage 14 ft—Crest 18 ft on Apr 15
- Heart River at Mandan  — 18.8 ft— Flood Stage 17ft—Crest 19 ft by Apr 14

Souris River Basin

- Souris River at Westhope  — 9.65ft — Flood Stage 10 ft —Crest 10.6 ft on Apr 14

Devils Lake Basin

- Stump Lake  is at a record stage of 1,447.96 msl—Crest 1,448 on Apr 17

Most Likely Effects on Flooding

- Daytime highs generally ranging in the 50s with nighttime lows starting to remain above freezing will increase the rate of snowpack melt. This will increase local flows from the tributaries into the main river valleys causing these areas to begin to rise.

Most Dangerous Effects on Flooding

- The current projections are modeled using only a snowmelt forecast scenario without figuring additional precipitation. Significant rain could make many areas vulnerable to additional flooding and increase projected crests considerably; influencing new record levels of flooding throughout many areas of North Dakota.

Resource/Assistance Requests

Federal Emergency Management Agency (FEMA)

- FEMA has requested air support from Air Operations to transport the FEMA Region VIII Director from Fargo to Bismarck on Thursday, April 9, 2009. (#336)
 - COMPLETED – SEOC Air Operations Branch
- Reconnaissance flight of the Red River. (#325)
 - ASSIGNED – SEOC Air Operations Branch

U.S. Department of Agriculture (USDA)

- The United States Department of Agriculture is requesting a flight over the Linton/Beaver Creek area for a photojournalist, NDSU Extension Service Videographer, representatives from the Farm Service Agency, Natural Resources Conservation Service, Rural Development and Extension Service. (#312)
 - ASSIGNED – SEOC Air Operations Branch

N.D. Board of Animal Health (NDBoAH)

- Requested aerial pictures of Emmons County to locate dead cattle. (#333)
 - ACCEPTED – SEOC Air Operations Branch

N.D. Highway Patrol

- Requested six soldiers per shift to provide 24-hour coverage for traffic control at various locations in the Fargo area. Soldiers are needed for approximately one week. (#350)
 - ASSIGNED – NDNG

N.D. State Emergency Operations Center (SEOC)

- Air support to transport the Homeland Security Director, USACE, FEMA and NDNG officials to Valley City, Jamestown and Devils Lake. – (# 315)
 - ACCEPTED – SEOC Air Operations Branch
- North Dakota National Guard preparations to execute evacuations of isolated farmsteads (possibly up to 10) along the Sheyenne River, downstream of Valley City. In addition, be prepared to assist with destruction and/or removal of any ice jams on the Sheyenne River. (#303)
 - ON STAND BY – NDNG

N.D. National Guard

- Requested 290 soldiers, 15 HMMWV, five 20-ton dump trucks, four 5-ton dump trucks, two Light Medium Tactical Vehicles (LMTVs), one Blackhawk helicopter and one Chinook helicopter. (#356).
 - ASSIGNED – EMAC (Minnesota)

N.D. State Park and Recreation

- Requested one, six inch pump. (#383)
 - ACCEPTED / In Progress - SWC

Barnes County

- Requested 40, one ton sand bags. (#382)
 - ASSIGNED – NDNG
- Requested fifty soldiers and a 35-passenger bus for possible evacuation. (#381)
 - ASSIGNED – NDNG
- Resources from the Cass County Sheriff's Department needed for water rescue. The Cass and Barnes County Sheriffs agreed upon what is needed. (#380)
 - ASSIGNED – Cass County Sheriff
- Twenty soldiers and two HEMMTs to assist with security, dike patrol, and extrication; for the duration of the flooding. (#369)
 - ASSIGNED – NDNG
- Six 6-inch diesel pumps along with 50 feet of hose for each. (#355)
 - ASSIGNED – USACE, St Paul District
- Fifty soldiers to patrol dikes and pumps within Valley City, ten soldiers to assist with traffic control, and two rapid reaction teams comprised of ten soldiers each. Both teams need to be equipped with a Bobcat and dump truck to repair dikes as needed. (#341)
 - ASSIGNED – NDNG
- Four diesel 4-inch pumps and two diesel 6-inch pumps and hoses for Valley City. (#327)
 - ACCEPTED – USACE, St Paul District
- 100 National Guard men from April 8 -11, to help finish work on the dikes. The NDNG soldiers are to report to the Winter Show Building and no equipment is required. (#301)
 - ACCEPTED– NDNG

Burleigh County

- National Guard assistance to help with equipment needs to build the dike at Prairie Rose Elementary School, Bismarck. (#379)
 - ON STAND BY - NDNG
- Requested Corps of Engineers expertise to design a dike at Prairie Rose Elementary School, Bismarck. (#376)
 - ACCEPTED – USACE, Omaha District
- A FEMA trailer parking site has been identified at the city landfill. Sixteen FEMA trailers must be removed from the Bismarck Civic Center parking lot before Tuesday, April 14th. (#347)
 - ASSIGNED – FEMA
- Two USCG Cutter boats medium, 20 ft flat bottom open bow watercraft with twin 50 hp engines along with command and control staff. (#346)
 - ASSIGNED – SEOC Air Operations Branch
- Four U.S. Coast Guard (USCG) airboats with personnel; two USCG Disaster Assistance Response Teams (DARTs); two USCG Cutter Boats, size medium with personnel; and command personnel for the above assets. Request one Coast Guard air asset deployed for rescue/evacuation and two additional air assets placed on standby for deployment early next week. (#344)

- ASSIGNED – USCG
- Requested one additional field operations supervisor; twelve Customs and Border Patrol (CBP) assets, and two additional all-terrain vehicle assets. (#343)
- ASSIGNED – USCBP
- Re-mobilize US Fish & Wildlife Service assets effective 8:00 a.m. April 13, 2009. The request is for six boats with crew, plus a spare, including support staff (2 mechanics) and two supervisors to insure continuity of command. (#316)
- ASSIGNED – USFWS
- ND National Guard Quick Response Forces (QRF) for evacuation, rescue and support. Additional resources needed include: three LCTV Troop transport vehicles (deuce and a half) and one medical equipped Humvee.
 - ND National Guard assets to be assigned to the Cass County Sheriff's Office Tactical Operations Center to be used as Quick Response Forces (QRF) for evacuation, rescue and support: six additional LCTV troop transport vehicles (deuce and a half).
 - Request the following personnel be assigned to the Cass County operations: Captain Grant Larson assigned to the Sheriff's Office Tactical Operations Center; Major Greg McDonald assigned to the Cass County EOC. (#320)
- ASSIGNED – NDNG

Emmons County

- Two National Guard personnel for assessment of area. (#373)
 - COMPLETE – NDNG
- Six-inch pump and hose for the city of Strasburg (#357)
 - ASSIGNED - SWC

Grand Forks County

- Grand Forks County requested two airboats with crews and mechanic, one airboat without crew and one overhead. The airboats are needed April 13, 2009 through April 20, 2009. (#311)
 - ACCEPTED – USFWS

Grant County

- Second extension of assignment requested for soldiers and equipment presently on site and a D-7 dozer through Friday, April 17 to assist with building a road. - (#322)
 - ACCEPTED – NDNG

LaMoure County

- Requested assistance from the U.S. Army Corps of Engineers to enhance dike construction in the City of LaMoure. (#348)
 - ASSIGNED – USACE, Omaha District
- Two power take off (PTO) driven pumps, 20,000 sand bags, and technical assistance. Delivery of the sand bags and pumps to the city of LaMoure. (#326)
 - ACCEPTED – USACE, Omaha District
- Transport two PTO driven pumps, 20,000 sand bags from Bismarck to LaMoure. (#332)
 - ACCEPTED – NDNG

Mercer County

- Requested twelve barricades with flashing lights for various locations. (#378)
 - ACCEPTED / In Progress - NDDOT

Pembina County

- Flatbed Trailer for transporting sandbags. (#364)
 - COMPLETED - NDDOT
- Four soldiers to assist with dike patrol. (#349)
 - ASSIGNED – NDNG

- Technical assistance for installation of 400 feet of Hesco Bastion. (#328)
 - ACCEPTED – NDNG
- Air reconnaissance to obtain an aerial view of water, ice jams, and dams when an aircraft is available. – (#321)
 - ACCEPTED – NDNG
- 10 National Guard personnel to assist dike security. Soldier's assistance is needed from April 5 –15, 2009. (#307)
 - ACCEPTED – NDNG

Ransom County

- One tanker of 91 octane fuel to be positioned in Enderlin for USCG Rescue Boats. (#370)
 - ASSIGNED – SEOC - Air Operations Branch
- Mark Johnson with the Veterans Home requested four mini vans. (#365)
 - ACCEPTED - NDDOT
- Five 60-Kilovolt-amp (KVA) or larger generators on standby for the EOC, a shelter, and various public infrastructure sites. (#363)
 - ASSIGNED - NDNG
- Ten Humvees, ten soldiers with gear/road guard vests, life vests; ten soldiers for evacuation purposes only; eight 5-ton trucks or 2.5-ton trucks for evacuation and medical attention; (2-4) medics; (2-4) Joint Tactical Operations Center (JTOC) personal; and ten military police. (#361)
 - ASSIGNED - NDNG
- One commander, one field supervisor, ten deputies, and any available boats and marine equipment from the Cass County Sheriff's Department as needed in the event of evacuation. (#351)
 - ASSIGNED – CASS COUNTY EM
- Twelve soldiers for dike patrol in the city of Lisbon, April 12 – 26. (#337)
 - ACCEPTED – NDNG
- Technical assistance regarding recurring ice jams and debris buildup at bridges along the Sheyenne River. (#324)
 - ACCEPTED - SWC

Stutsman County

- National Guard assistance for 24 hour dike patrol for 3 to 4 days. (#371)
 - ASSIGNED – NDNG
- Requested a representative of the National Guard to attend an interagency planning meeting. (#372)
 - ASSIGNED – NDNG

Ward County

- Requested helicopter surveillance of the Souris River from Velva to Minot. (#377)
 - ACCEPTED / In Progress - NDNG
- Mission change for on-site N.D. Guard to include: two ground evacuation/rescue teams each consisting of two high-profile vehicles, one command and control vehicle and 2 to 3 quick response force (QRF) elements with capability for levy repair consisting of 3 dump trucks, one command and control vehicle, and two bobcats. (#367)
 - ASSIGNED - NDNG
- Extension of NDNG personnel on current assignment for sandbagging mission to monitor levy systems throughout Ward County and the city of Minot. (#362)
 - ASSIGNED - NDNG
- Five soldiers to assist with sandbag levee construction in the city of Burlington. (#360).
 - ASSIGNED - NDNG

- Aerial reconnaissance and photography sorties on Saturday, Sunday and possibly Monday. (#358)
 - ACCEPTED – SEOC Air Operations Branch
 - Transport 40 pallets of 3 feet Hesco Bastion to Minot from Fargo. (#354)
 - COMPLETED – NDDOT
 - Air reconnaissance support to identify potential sites of ice jams. Sorties would start on Saturday, April 11, 2009. (#353)
 - ASSIGNED – SEOC - Air Operations Branch
 - Request reconnaissance flight of Souris river and Des Lacs River complex. (#352)
 - ACCEPTED - CAP
 - Fifty soldiers to augment ongoing sandbag placement and production, as well as construction of 3,000 feet of dike in the city of Burlington. (#345)
 - ASSIGNED - NDNG
 - Fifteen to twenty additional soldiers to augment ongoing sand bag placement and production efforts in Minot and Burlington. – (#342)
 - ASSIGNED – NDNG
 - Transport four, 6-inch pumps from Crookston, MN. to the Burlington Fire Department. (#340)
 - ASSIGNED – NDDOT
 - Transport Hesco Bastion and polyurethane sheeting from the Air National Guard Facility in Fargo to the Burlington Fire Department. (#339)
 - ASSIGNED – NDDOT
 - 1,600 linear feet (2 ½ feet high); 1,000 linear feet (3 feet high); 70 linear feet (4 feet high); 3,000 linear feet (3 feet high) of Hesco Bastion; 200,000 sandbags; 10,000 feet of polyurethane; and USACE technical assistance. (#338)
 - ACCEPTED – USACE, St. Paul District
 - Four 6-inch trash pumps (not for use in sewers) for the city of Burlington. (#334)
 - ACCEPTED – USACE, St. Paul District
 - Four small emplacement excavators for the city of Burlington (#335)
 - ACCEPTED – NDNG
- Well County
- Requested road closure signs for flooded and washed out roads. (#384)
 - ACCEPTED / In Progress - DOT

Detailed Reports

Refer to previous Incident Summaries, as necessary.

LOCAL

Barnes County

- In response to the April 12 dike seepage in Valley City, agencies providing technical assistance include the U.S. Army Corps of Engineers, Valley City Fire Department, Valley City Ambulance, N.D. National Guard, the N.D. Highway Patrol and Strata Construction. Responders asked the National Guard to bring tarps, bags and trucks to the scene. The NDNG Blackhawk Helicopters in Fargo were put on alert.

- The N.D. Department of Human Services and the N.D. Department of Health have been notified. – April 12
- County officials met on April 12. Access to five bridges has been lost, isolating approximately 60 homes along the river between Valley City and the Ransom County line. Approximately half of the homeowners refused to leave. There are eight to 10 inches of water running over the bridges. Barricades have been put in place. – April 12
- A few of the emergency routes are being reconfigured based on washouts of township roads. – April 12
- The county cleared a back road for the Maryville Convent. National Guard Cooks have been moved to the site and will remain until floodwaters recede.

Bottineau County

- Twenty people are responding to flooding in Newburg, including the Chair of the Bottineau County Water Board, who is directing the closure of gated culverts. – April 12.
- Based on an on-site assessment by the emergency manager, no homes are in jeopardy of flooding in the Willow Creek area, – April 12.

Burleigh County

- Two locations have been established for sandbag disposal.
 - Burleigh County Fairgrounds, parking lot south of the 4-H Building (area has been marked off in red paint on the ground). - April 9
 - Bismarck State College main campus parking lot (northwest corner) south of Canary Avenue and west of Schafer Street. Residents are asked to break open their sandbags and dump the sand in an area indicated by signage. - April 9

Cass County

- At the Sheriff's request, the U.S. Coast Guard Command Control team has returned to assist with search and rescue operations in Fargo. – April 9

Dickey County

- Ambulances are assisting in returning evacuated vulnerable populations to Fargo. - April 13
- The James River emergency release protection is complete. - April 13
- There is a continuous effort to re-open roads and bridges and assist with providing access to homes in the central and west regions of the county. – April 13
- Approximately 6,000 sandbags are in storage in the City of Oakes and approximately 12,000 are in storage in the city of Ellendale. The emergency manager is receiving calls from county residents who have water in their basements. – April 9

Emmons County

- The Bismarck City Commission approved teams of structural engineers (6-8 personnel) to conduct home inspections in the city of Linton April 8-9.

Hettinger County

- Officials are monitoring rises on the Cannonball River at Regent and Mott. Officials will alert residents to the potential for flooding in the Mott area. Five additional feet could cause flooding in Mott.

LaMoure County

- Officials are working with USACE to prepare for potential storm sewer impacts in the city of LaMoure. In addition, there is concern that lagoons are being saturated. The city's lift station is being overwhelmed with the volume of water forecasted. The SEOC provided contact information for potable water and spiffy biffs to the emergency manager. –April 10

Morton County

- Water level on Sweet Briar Creek is nearing the top of bridge. A USGS gauging station was almost 12 feet which indicates a near record. - April 13

McHenry County

- The Mouse (Souris) River at Velva may reach 15.7 feet which will cause some bridges to become impassable. The cities of Karlsruhe, Towner and Upham are considered to be in good shape at the present time. – April 9
- There was a report of a major log jam that is damaging a dike protecting a farm. The sheriff is en-route to survey the ice jam. - April 12
- As of 4-12-09, the sheriff and emergency manager reported the ice jam consists of ice and logs; they believe the jam will clear naturally. They are also checking on a few farmstead residents who have voiced concerns in regard to 300-400 head of cattle that may be in danger of being isolated due to flooding. April 12

Pembina County

- NWS gauges at Walhalla and Neche have risen quickly. Walhalla is currently above flood stage at 13.93 feet and projected to crest at 14.7 feet Monday or Tuesday. Neche is currently above flood stage at 18 feet and projected to crest and hold at 20.8 feet in next couple days. - April 13
- One inch of water was reported over the south bound lane on I-29 just north of the overpass by Pembina. – April 12
- A representative from Hesco arrived today to train personnel regarding proper installation of Hesco Bastion. – April 9
- The Civil Air Patrol took aerial pictures of Drayton, Pembina, Neche, Walhalla, and three dams that control tributaries of the Red River in Pembina County. – April 9
- The Drayton City Mayor requested National Guard soldiers remain stationed in Drayton through the anticipated second crest. – April 9
- Officials reported water over ND-Highway 55, westbound, just west of the I-29 intersection; the road is passable. – April 9

Stutsman County

- This weekend two railroad bridges downstream from Jamestown have been filling with debris. Red River Valley and Western Railroad crews cleared the debris. – April 13
- A private bridge owned by the Jamestown Country Club, downstream of Jamestown, has been accumulating debris and is causing a backwater effect. Stutsman County and the city of Jamestown have provided 140,000 sandbags to Homer Township and assisted with volunteers and equipment. – April 13

Walsh County

- There has been reported 193 flood sites identified on the county road system. The county emergency manager is working with the Grafton Emergency Manager to identify critical areas, means of warning, and additional resources needed in the city. – April 9

Ward County

- Residents of Eastside Estates requested sandbags. Water across County Road 19 and Highway 52 was reported. Soldiers have been deployed to bring sandbags to residents. – April 13
- The Foxholm ice jam was cleared. - April 13
- Project Road in Burlington has one home isolated by the rising Des Lacs. The resident does not want to evacuate at this time. Burlington has one road washed out and four other roads at risk of being washed out.
- There has been some damage to private driveways and private property due to sand bag operations in Burlington. – April 11
- State Fair: Sand Bag production operations terminated at 11:00 a.m. on Saturday, Apr 11, 2009.

- The County's North Storage facility has reached its storage capacity with approximately 32,000 filled sandbags. – April 11
- There remains an immediate need for volunteers to help fill sandbags in Minot and Burlington. As of 3:00 p.m. on April 9, volunteers in Burlington filled about 36,575 sandbags; 43,425 sandbags remain to be filled. Volunteers in Minot need to fill 18,725 sandbags. – April 10
- The Burlington levy building project was completed at 12:00 a.m. on Saturday, April 11, 2009.
- The Red Cross has requested help to sandbag residences. If residents can help please call 858-9366. Please call the Red Cross to report any flooding or damage to your property. – April 10

STATE

Civil Air Patrol

- All CAP images from the flood disaster have been consolidated into a single site. All images can be found at <http://tinyurl.com/nd09flood>. – April 9

N.D. Department of Health (NDDoH)

- DOH provided the following statistics on April 11, 2009:
 - Total transferred to hospitals and nursing Homes = 1,183
 - Heart to Heart: 32 seen, 5 transferred to medical facility
 - Disaster Management Assistance Team (DMAT): 17 seen, 7 transferred to a medical facility.
 - State of ND: 21 people seen and all were transferred to nursing homes.
 - In Casselton 144 people were seen.
 - Mary College received 28 people.

N.D. Highway Patrol (NDHP)

- Fargo and Jamestown NDHP units on scene in Valley City. Units directing traffic in Valley City, on the interstate or assisting the police department with calls within Valley City.–April 13

N.D. National Guard (NDNG)

- Provided one driver and a vehicle to transport The Adjutant General. - April 13
- Provided one UH-60 helicopter to transport The Adjutant General from Bismarck to Valley City to Lisbon and back to Bismarck. – April 13
- Provided fifty soldiers and one, 35 passenger bus to Valley City for flood support. - April 13
- Provided forty soldiers and two HEMTTs to the city of Valley City. – April 12
- Provided six soldiers to the city of Jamestown for dike patrol. – April 12
- Provided six, 6 inch pumps and six, 4 inch pumps to Barnes County. – April 12
- Provided two ground evacuation and rescue teams to Ward County. – April 11
- Assigned an additional eight soldiers from the 112th Aviation Unit to flood duty. – April 11
- Provide five, 60-KW generators to Ransom County. – April 11
- Provided eighty soldiers, 2 Bobcats and 2 dump trucks to Barnes County for dike patrol. – April 9
- Relocated 2 UH-60 helicopters with hoists to Minot International Airport. - April 9

FEDERAL

Federal Emergency Management Agency (FEMA)

- No recent updates

United States Army Corps of Engineers (USACE)

- USACE reported current operations in the cities of Jamestown and LaMoure regarding potential flooding and potential increased releases from the Pipestem and Jamestown Dams. USACE will be increasing existing levee protection in LaMoure to 21 feet and will construct

additional levees. Construction is planned to begin Sunday, April 12. Part of the levee construction will require the closure of ND Highway 13 on the west side of LaMoure and possibly one lane of ND Highway 13 on the east side of town, as well as closure of the rail line through town. Transportation Safety Administrator and North Dakota Department of Transportation officials have been notified of the potential closures.

VOLUNTARY AGENCIES

American Red Cross - ARC

- The Sheyenne Care Center in Valley City received cots from the American Red Cross for employees to stay on site.

The Salvation Army

- The Salvation Army has offered to place Valley City residents in hotels, if needed.