

**FINANCIAL IMPACT**

June 2011

June 1: Emergency workers begin arriving in residence halls  
# housed # nights



**Minot State  
UNIVERSITY.**

**Emergency Workers:**

National Guard .....	avg. 50 .....	44
Red Cross .....	16 .....	29
FEMA .....	45 .....	23
SBA .....	2 .....	18
ND Emergency Svcs. ....	2 .....	7
Highway Patrol .....	4 .....	2
Students .....	9 .....	39

**Contractors:**

Zavoral & Sons .....	70 .....	2
Gowan Excavating .....	6 .....	2
Xcel Energy .....	18 .....	1
MDU .....	18 .....	1
Other .....	12 .....	8
Faculty & staff .....	10 .....	47

University subsidized billing (estimate): ..... (\$20,000)

**Flood related expenses—revenue lost**

College for Kids Camps cancelled (11) .....	(\$55,400)
Municipal Finance Officers Institute cancelled .....	(\$25,650)
Athletic Camps cancelled .....	(\$50,000)
<b>Totals:</b> .....	<b>(\$13,105)</b>

**Flood related expenses—direct expenses**

Equipment Rental .....	(\$5,545)
Fuel & Oil — vehicle .....	(\$8,329)
Salaries/OT/Fringes .....	(\$19,385)
Contract Services (dike construction, surveying) .....	(\$85,995)
Expendable Equipment .....	(\$27,199)

*Generators, trash pumps, hoses, adapters, couplers, etc.*

Other operating fees .....

Dike removal: \$88,885

Install of sod: \$39,300

Security: \$32,160

Misc. other .....

*Custodial, electrical, repair parts, ground supplies,  
plumbing supplies, waste disposal, etc.*

**Totals:** .....

FEMA reimbursement approved: ..... \$65,000

Parking Lot Repairs—estimate ..... (\$1,000,000)

Curb/Gutter/Sidewalk—estimate ..... (\$50,000)

Beaver Lodge Housing .....

University Heights .....

(6.5%) Ward Co. enrollment drop ..... (\$1,500,000)

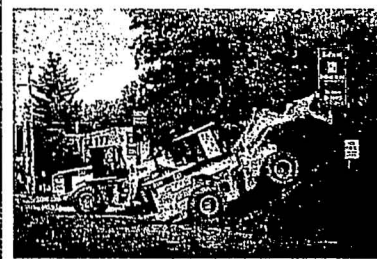
Additional Marketing expenses (anticipated) ..... (\$500,000)

*Based on UND 3-5 yr. enrollment drop prediction \$100,000 per year*

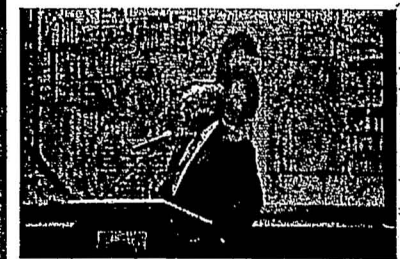
500 University Avenue W  
Minot, ND 58707



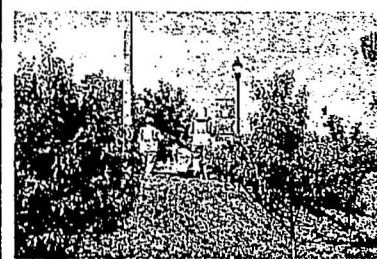
**Minot State  
UNIVERSITY.**

**Mouse River Flood Fight—2011**

Construction crews work tirelessly to complete the "Beaver Dam."



President Fuller speaks to students, faculty and staff during the difficult days of the flood.



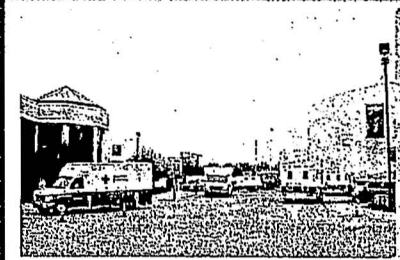
National Guardsmen patrol the dike along the south perimeter of campus on University Avenue.



MSU's "Beaver Dam" accentuates the delicate contrast between safety and harm from the flood waters.



The MSU Dome prepares for the needed refuge for over 200 evacuees.



Hundreds of Red Cross volunteers from around the nation responded to the community's needs.

## History of Flood

- May 31, the Corps of Engineers predicts Mouse River at Minot Broadway Bridge could hit 1,556—one foot over the levee system's safe capacity.
- Mandatory evacuations were enforced for nine zones in the Minot river valley area, forcing more than 11,000 residents out of their homes.
- June 20, penetration maps show new crest predictions of 1563' would infiltrate the south edge of MSU's campus and threaten several buildings.
- The crest of 1,561.72 feet, four feet higher than the previous record set in 1881, was reached at 11 p.m. on June 26.

## Faculty/staff impact

- May 31, 4:30 p.m., MSU closed campus, including all classes (campus, online, MAFB and Bismarck). Only essential personnel were required to report for work.
- June 1 MSU Emergency Assistance Hotline was established to assist faculty/staff needs.
- All employees not impacted by city evacuation orders were asked to report at 8 a.m. June 1, to receive instructions as to how they could assist during the emergency.
- On-campus summer classes adjusted to online or hybrid model to accommodate students' class schedules and personal lives.
- Summer school resumes June 3.
- 116 MSU faculty and staff lost houses or suffered damage and approximately 500 rental units, traditionally leased by MSU students, were devastated.

## Campus Adjustments:

- MSU Dome becomes a Red Cross shelter for evacuees, housing as many as 300 evacuees and serving 2400 meals per day.
- FEMA and SBA established offices on the first floor of the Administration Building at Minot State University.
- Residence halls remained open to accommodate:
  - Red Cross volunteers
  - FEMA workers
  - National Guardsmen
  - SBA employees
  - Faculty and staff
  - ND Emergency workers
  - Highway patrol
  - Contractors
  - Students
  - Utility workers

## Measures taken

- MSU built a 12 ft. dike to protect its facilities and ultimately withstand seven ft. of water at its edge.
- Dike and campus protection required 24-hour security; little damage was sustained on campus or to buildings.
- Extensive sewage backup required extra pumps (14) and 24-hour surveillance.
- MSU invited a UND delegation to advise on flood recovery.
  - 13-member UND group consisted of current or retired employees who were active in UND's recovery from the devastating 1997 Red River Flood.
  - UND advised MSU to prepare for a 10% enrollment drop, based on their experience.
  - They cautioned rebuilding student enrollment would be a three to five year endeavor.
  - MSU enrollment decline, to date, is 6.5%.
- Rob Anderson hired as MSU's ombudsman to assist employees and students with resolving issues arising from the Souris River flood.
- Approximately 3,000 MSU students were contacted as part of a telephone campaign designed to assess student needs for the fall semester and attempt to stem enrollment fallout.
  - Telephone surveys showed 809 students requested on-campus housing; MSU has only 661 beds.
  - Mandatory freshman housing requirement is relaxed for 2011-12 school year to ease housing shortage in residence halls.
- Many faculty experience difficulty in returning to MSU, or moving to Minot as result of insufficient housing options.
- Decision is made to explore temporary housing for students and faculty.
  - MSU purchases 8-plex efficiency apartments for faculty housing.
  - MSU purchases 10 temporary housing units to accommodate 100 students.

