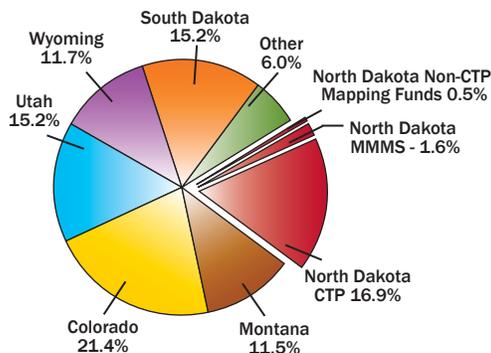


North Dakota MMMS – Business Plan Summary

Data based on information provided by the North Dakota State Water Commission (NDSWC) dated September 1, 2006, and other FEMA sources

REGIONAL AND STATE VIEW

Federal FY06 Region VIII Funding Distribution Total \$8,195,032



Source: State percentage received of total FY06 Flood Map Modernization Regional production budget according to internal FEMA procurement data (PALT). North Dakota 19.0%

PURPOSE OF BUSINESS PLAN SUMMARY

The Map Modernization Management Support (MMMS) Business Plan Summary was compiled by reviewing the Federal Fiscal Year (FY) 2005-2009 MMMS Business Plans and FY 2007 updates. These business plans were submitted to the Department of Homeland Security's Federal Emergency Management Agency (FEMA) by FEMA's MMMS partners.

The spring 2007 Business Plan Summary is being published at the crossroads of FEMA's mid-program evaluation and the end-state conditions of Map Modernization. This year, the summary reflects the MMMS partners' approach to and the effects of FEMA's mid-course adjustment, in addition to outlining their accomplished and planned MMMS activities, highlighting the MMMS partner's approach to meeting the goals of and program vision for Map Modernization. FEMA's mid-course adjustment is a redirection of improving and updating the Nation's flood hazard identification maps. FEMA will now focus on developing flood maps that meet new higher standards for

mapping and for a greater allocation of resources to those communities at greatest flood risk. The "end state conditions" refer to how successful the flood mapping effort is at the end of Map Modernization in FY 2010.

STATE VISION FOR MAP MODERNIZATION AND IMPLEMENTATION

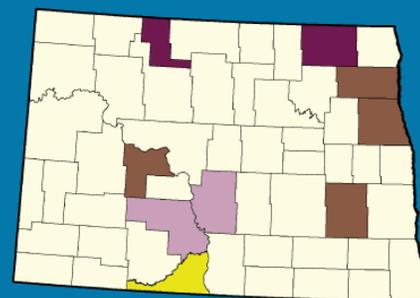
The objectives of Map Mod in North Dakota align with FEMA's Map Mod goals for Region VIII.

1. Establish and maintain a premier data collection and delivery system – The NDSWC continues to explore possibilities regarding data collection and a delivery system to better serve North Dakota's public.
2. Achieve effective program management – The NDSWC is committed to achieving effective program and project management for North Dakota Map Mod Projects.
3. Build and maintain mutually beneficial partnerships – The NDSWC recognizes the importance of positive working relationships and partnerships in order to make Map Mod a success in North Dakota.
4. Expand and better inform the user community – Through effective outreach, the NDSWC is able to reach and inform a broad public audience on Map Mod and the effects on the end users of the digital flood maps.

SIGNIFICANT ACCOMPLISHMENTS AND STRENGTHS OR SUCCESS STORIES

The NDSWC floodplain management staff (three persons with one supervisor) currently consists of two individuals with Certified Floodplain Manager (CFM) certifications and two individuals with CFM certifications as well as Professional Engineer (P.E.) licenses.

MAP OF EFFECTIVE DFIRMS



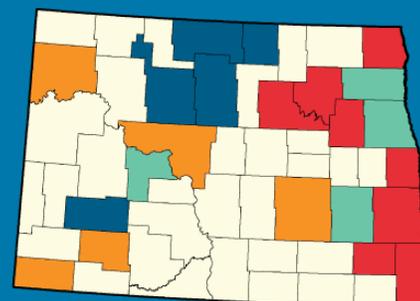
LEGEND

Map of Effective DFIRMs



Source: FEMA Regional Flood Study Sequencing by County – March 2007

MAP OF PRELIMINARY DFIRMS



LEGEND

Map of Preliminary DFIRMs



Source: FEMA Regional Flood Study Sequencing by County – March 2007



FEMA

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SIGNIFICANT COOPERATIVE EFFORTS WITH PARTNERS

The NDSWC expressed a desire to play a more active role in creating and maintaining up-to-date flood hazard data for the state. Already housing the National Flood Insurance Program (NFIP), the NDSWC was an ideal agency to take on the tasks involved with the flood hazard identification process. As a result, the NDSWC entered into a Cooperating Technical Partners (CTP) Partnership Agreement with FEMA on October 18, 2004.

As a CTP, the NDSWC serves as the local and centralized state agency for Map Mod in North Dakota. As a CTP for Map Mod, the NDSWC is committed to the goals of this program which include updating and modernizing the current Flood Insurance Rate Maps to Digital Flood Insurance Rate Maps.

IMPEDIMENTS TO MAP ADOPTION

The NDSWC MMMS Coordinator works very closely with the North Dakota NFIP coordinator regarding compliance and map adoption. This ensures that proper procedures are followed when a new map is released. Also, the NFIP coordinator recently sent out model ordinances to NFIP participating communities in an effort to assist communities in updating their ordinances.

The NDSWC contacted the North Dakota Attorney General's office regarding automatic map adoption. An opinion was delivered to the NDSWC on October 29, 2004. It was the opinion of the Attorney General that a township, city or county may not automatically adopt a flood hazard map.

The NDSWC has not contacted the North Dakota Attorney General regarding adopting digital map data in lieu of paper maps. The NDSWC will pursue this issue in the future.

UNMET NEEDS OF NORTH DAKOTA'S MAP MODERNIZATION PROGRAM

Because the Mapping Information Platform (MIP) project status results are performed using earned value calculations, the NDSWC MMMS staff requests training in earned value management systems. This would equip the NDSWC with the knowledge to accurately evaluate the project status dashboard of the MIP.

The NDSWC continues to explore the capability to store digital flood hazard data on a public access server. This may require additional funding, perhaps in a cost-share capacity, in the future to implement.

As more and more preliminary maps become available for distribution, additional public communication and meeting planning and

coordination will be needed. As a result, the NDSWC may request additional funding for an additional part-time staff position or additional assistance from FEMA.

LEVEE STRATEGY

Currently, the NDSWC identifies levees in the pre-scoping and scoping phases of Map Mod projects. If a levee is identified, then the appropriate certification and maintenance information is requested. The NDSWC provides assistance in contacting the appropriate agency for the certification documents. If the certification documents are not available, the stream area with the levee is identified and new study needs are documented.

The NDSWC is currently developing a strategy for handling the levee certification issue for upcoming flood studies which will adhere to FEMA's Guidelines for Studies including levees.

ACCOMPLISHED ACTIVITIES FY06

- NDSWC prepared for and conducted scoping meetings for 7 counties
- Conducted a digital base map inventory and collected base map information for 11 counties
- Collected mapping needs
- Performed outreach activities including informational mailings and meetings and continuous web site updates
- Conducted a Letter of Map Change workshop for two counties
- Employed a full-time MMMS Coordinator
- Assisted communities with compliance and distributed model ordinances
- Managed the CTP mapping projects

MMMS ACTIVITIES PLANNED FY07

- Project management activities
- Conduct outreach for prospective and ongoing study projects
- Provide training opportunities
- Collect mapping needs
- Update state business plan
- Foster mutually beneficial partnerships
- Provide map adoption assistance