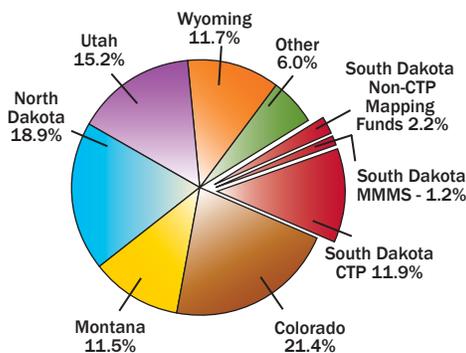


# South Dakota MMMS – Business Plan Summary

Data based on information provided by the South Dakota Office of Emergency Management (SDOEM) dated December 8, 2005, 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). South Dakota 15.3%

## 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

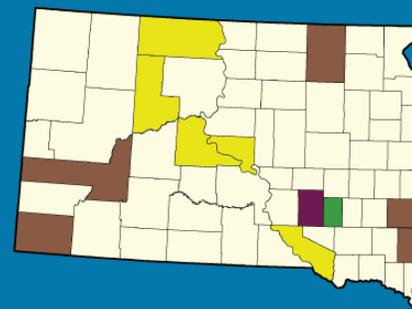
The state intends to become a Cooperating Technical Partner (CTP) for Map Modernization in order to create maps in a timely and cost effective manner.

The state will work closely with FEMA by providing mapping data and products to the Mapping Information Platform (MIP) in a timely manner. Floodplain information will also be mirrored on the state Internet website. Work maps and final maps will be made available to citizens on CD in an open format for communities that do not have high-bandwidth Internet access. The state also has stepped forward and volunteered to manage floodplain mapping within the state. An important component of Map Modernization will be to increase communication with communities as these communities are mapped and during the adoption process. Increased communication will increase public acceptance of the maps, and increase public understanding of flooding risk.

## SIGNIFICANT ACCOMPLISHMENTS AND STRENGTHS OR SUCCESS STORIES

The state has placed all completed digital Flood Insurance Rate Maps (DFIRMs) on the state common drive so everyone in state government can access the FIRMs. This same drive also has all of the existing Q3 data and additional digitized FIRMs. The state has a link to the Map Service Center on the state's website. We have

## MAP OF EFFECTIVE DFIRMS



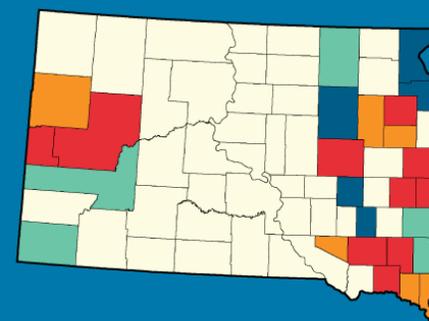
### LEGEND

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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considered developing a website for people to download, but have decided that the cost is too high.

## SIGNIFICANT COOPERATIVE EFFORTS WITH PARTNERS

South Dakota has beneficial partnerships with other state agencies. The state Geographic Information System (GIS) staff has provided maps and data to consultants, cities, and FEMA. The Department of Environment and Natural Resources (DENR) has provided assistance to the mapping process. Staff members of DENR have reviewed hydrology. The state continues to work with planning districts and communities to gather information and existing data.

## IMPEDIMENTS TO MAP ADOPTION

The state of South Dakota has nine tribes within its boundaries. Some of the tribes have recognized reservations and others only have some land allotments. Many of our communities do not require building permits so floodplains permits are hard to enforce. The state does not allow for automatic adoption.

## UNMET NEEDS OF SOUTH DAKOTA'S MAP MODERNIZATION PROGRAM

SDOEM would welcome an engineer to the team; however, SDOEM cannot expand our team at this time. SDOEM has been using the Regional Management Center, FEMA, and the state's DENR to answer engineering questions. Additionally, the state needs training on how to conduct a final meeting.

It is not likely that the State Legislature will allow additional staff even if funded from outside sources. Therefore, the state will use a consultant to cover staffing needs on a per-project basis. Local communities will require training on the use and presentation of digital data and the state will require Mapping Information Platform training.

## ACCOMPLISHED ACTIVITIES FY06

The Governor's Center for Local Government Services conducted the following:

- The state submitted two CTP grant applications to produce new DFIRMs and both were approved. In addition, the state mailed the National Service Provider distributed publications about the MIP to all floodplain administrators.
- The state hired a new Map Mod Coordinator.
- Scheduled scoping meetings with communities.
- The state selected engineering firms to complete DFIRM projects.
- Because only three out of eight DFIRM questionnaires were received from the counties, another distribute outreach materials explaining Map Mod will be sent to all eight counties.