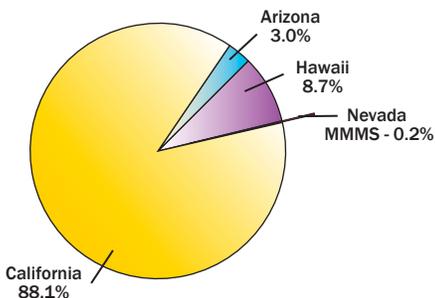


Nevada MMMS – Business Plan Summary

Data based on information provided by the Nevada Division of Water Resources (NDWR), Floodplain Management Program dated August 31, 2006, and other FEMA sources

REGIONAL AND STATE VIEW

Federal FY06 Region IX Funding Distribution Total \$10,757,944



Source: State percentage received of total FY06 Flood Map Modernization Regional production budget according to internal FEMA procurement data (PALT). Nevada 0.2%

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

Current efforts by the Nevada Floodplain Management Program to support FEMA's Map Modernization program have been to act as a point of contact at the state level to provide information about FEMA mapping activities in Nevada. Additionally, to provide communication to FEMA Region IX and its mapping contractor on mapping needs in Nevada communities in the form of the Nevada Flood Mapping Priorities, Phase 1 Mapping Needs Assessment dated June 7, 2002, and completed Mapping Needs Update Support System data worksheets. The Nevada Floodplain Management Program should provide outreach assistance to local communities, by developing and making publicly available via web-access, historical flood history information through a Nevada Flood History Database.

SIGNIFICANT ACCOMPLISHMENTS AND STRENGTHS OR SUCCESS STORIES

The Nevada Flood History database and website, as it addresses the Carson River Watershed, has been operating since July. It promotes understanding of the impact of flood events and eases communication between floodplain managers, residents, and researchers all along the Carson River. The Carson Watershed includes the National Flood Insurance Program (NFIP) communities of Douglas County, Carson City, Lyon County, Churchill County, and Fallon. With its photos, maps, tables,

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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graphs and stories, the Nevada Flood History website is an easily accessible, user-friendly, educational site that holds the user's attention while providing hard data and valuable insights into the patterns of flooding in the Carson River Watershed.

SIGNIFICANT COOPERATIVE EFFORTS WITH PARTNERS

For FY 2005 and FY 2006, the Nevada Division of Water Resources, through a joint funding agreement with the U.S. Geological Survey, developed and is enhancing a Nevada Flood History website which can be accessed by the community. The site is located at <http://nevada.usgs.gov/crflid/>. It is designed to be informative to both the casual web-surfer and to the more technical flood researcher. Because of the abundance of historical technical information available, combined with significant current and future development pressure, FY 2005 MMMS funding was used to address the Carson River Watershed as a pilot effort. In addition to graphs and diagrams based on gauging stations and weather data, the website presents photo documentation of flooding in the Carson River Watershed dating as far back as January 1906 and anecdotal accounts of flood events back to December 1852.

IMPEDIMENTS TO MAP ADOPTION

The NDWR issued a legal opinion to FEMA Region IX that the automatic adoption clause for flood maps is acceptable in Nevada subject to the decision of each local government. Tribal Issues: No Indian Tribes (with Tribal Council locations in Nevada) are enrolled in the NFIP. Other tribes inquire occasionally but to date have decided against joining the NFIP because the floodplain management requirements are not considered culturally appropriate by their leadership. The primary impediments to adoption in Nevada foreseen at this time are the limited time local government staff has to update their ordinances since most floodplain managers and other staff in the smaller communities have multiple jobs. That issue is then combined with the problem of getting the ordinance in on the agenda for the normal adoption process in a timely manner.

UNMET NEEDS OF NEVADA'S MAP MODERNIZATION PROGRAM

The objective of subsequent years' funding was to compile and make available historic flood information for all eight areas of the state. With funding cut from \$120,000 in FY05 to \$25,000 in FY06, this plan has been set aside. Instead of expanding the website to include other watersheds, the FY06 funds are being used to gather stakeholder input and to enhance the presentation of the information available on the Carson Watershed.

LEVEE STRATEGY

NDWR considers inventorying levees as a viable opportunity to assist in the mapping process.

ACCOMPLISHED ACTIVITIES FY06

- Continue to fund the Nevada Flood History Database, Truckee River and Amargosa Valley/Pahrump Valley
- Enhanced the existing NDWR MapGuide WebMap application

MMMS ACTIVITIES PLANNED FY07

- NDWR will help with communication and education, and any research tasks possible
- The state will pursue the acquisition of Assessor's Parcel maps to enhance MapGuide Web Map