Riverside
April 2010

Flood DSS Work Activity Description

Task	Activity
Task 1 Project Kickoff	1.1 None – task is complete.
Task 2 Level of Data Collection	2.1 None – task is complete.
Task 3.1 Evaluation of Alternative Technologies	3.1.1 None – task is complete.
Task 3.2 System Development	3.2.1 Developed initial functionality for quick search, find by attribute, select by rectangle, and select by polygon features. 3.2.2 Completed login functionality. 3.2.3 Added feature to show user update date for real-time flow, SNOTEL, and SWE layers.
Task 4 Data Inventory	4.1.1 Finalized the data inventory memo.
Task 5.1 Statewide Data Collection	5.1 None – task is complete.
Task 5.2 County Data Collection	5.2.1 None – task is complete.
Task 5.3 Digitizing Data	5.3.1 None.
Task 6.1 Real-Time Flow Data	6.1.1 Continued to work with DWR on the service that will provide real-time flow information. DWR has written a stored procedure that provides current conditions and alerts. For testing DWR needs to help update Riverside's database with related database tools that are currently only defined at the state. A script has been developed to run the stored procedure and push data to the Flood DSS server.
Task 6.2 Flood Outlook and Snow Data	6.2.1 Contacted HDR for status update on obtaining test products. No test products obtained to date. 6.2.2 Modified script to create an event table of current SNOTEL SWE conditions; began testing the automated process on the development machine. 6.2.3 Modified script that processes SNODAS SWE grids and produces current SWE, 24-hr change, and 7-day change grids; began testing the automated process on the development machine. 6.2.4 Created a map to display current SWE, 24-hr change, and 7-day change grids.
Task 6.3 Link to SMS Alert System	6.3.1 See task 6.1.1.

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Task 6.4 Data Quality Assessment and Utility for Web Serving	6.4.1 Created metadata for layers obtained from CWCB. 6.4.2 Developed initial metadata functionality.
Task 6.5 Data Preprocessing	6.5.1 Updated icons for watershed restoration layers. 6.5.2 Modified the SNOTEL layer to use the Lakewood color scheme for symbolization. 6.5.3 Created map services for restricted statewide (e.g., DWR dams) and restricted county layers (e.g., preliminary DFIRMs). 6.5.4 Continued responding to CWCB review comments. 6.5.5 Added web services for real-time weather and alerts to map viewer 6.5.6 Added Fort Collins web services to map viewer.
Task 7 Access to Non-Spatial Data	7.1 Added hyperlinks for mitigation plan availability layer.
Task 8 Access to Laserfiche Data	8.1 None.
Task 9 Installation and Testing	9.1 Confirmed with CWCB that system will be AGS 9.3 SP1, not 9.3.1. 9.2 Worked with CWCB to obtain remote access for initial system install.
Task 10 Training and Documentation	10.1 Updated the data inventory based on the final data layers in the Flood DSS.
Task 11 System Evaluation	11.1 None.
Task 12 Project Management	12.1 Managed work activities. 12.2 Submitted March invoice and monthly reports. 12.3 Held March progress meeting on April 20 via teleconference.