

## Flood DSS Work Activity Description

Task	Activity
Task 1 Project Kickoff	Task is complete.
Task 2 Level of Data Collection	Task is complete.
Task 3.1 Evaluation of Alternative Technologies	Task is complete.
Task 3.2 System Development	<ul style="list-style-type: none"> <li>▪ Began development of the WMS identify feature. Development to date implemented a server-side handler to get the WMS capabilities document that is used to map the layer title from the client-side layer list to the layer name. The layer name is a required input parameter to the getFeatureInfo request (which has been implemented as well) to retrieve feature attributes for the FEMA NFHL WMS. Additional development will include parsing the getFeatureInfo response and formatting it for display purposes in the identify information box; moving settings to the configuration file; and investigating whether this feature can be implemented for other WMS.</li> <li>▪ Began development of the print feature, including mash ups of multiple map services; an interface for users to enter a title and to select whether to include the legend, scale bar, date, and footer; and PDF file creation. Additional development will include limiting the number of layers and using the layer names in the legend; flattening the image to reduce the file size; and rendering the image in a browser window.</li> </ul>
Task 4 Data Inventory	Task is complete.
Task 5.1 Statewide Data Collection	<ul style="list-style-type: none"> <li>▪ Completed the reference list population and prioritization. Collected additional flood references.</li> <li>▪ Developed a geo-database with three tables (i.e., references, peak flows, and floods) and two feature classes (i.e., peak flows, floods) to form the basis of the flood layers.</li> <li>▪ Started to populate the geo-database with historical flood information.</li> <li>▪ Evaluated the county data layers to confirm that none should be merged with the statewide flood layer. The local flood layers relate to specific flooding (i.e., basements) and contain little descriptive information.</li> </ul>
Task 5.2 County Data Collection	Task is complete.
Task 5.3 Digitizing Data	Task is obsolete.

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Task 6.1 Real-Time Flow Data	Task is complete.
Task 6.2 Flood Outlook and Snow Data	Task is complete.
Task 6.3 Link to SMS Alert System	<ul style="list-style-type: none"><li>▪ Worked with CWCB and DNR to demonstrate potential problems related to redirection in IIS that may be causing performance issues. The source of the problem has not been identified.</li></ul>
Task 6.4 Data Quality Assessment and Utility for Web Serving	Task is complete.
Task 6.5 Data Preprocessing	Task is complete.
Task 7 Access to Non-Spatial Data	Task is complete.
Task 8 Access to Laserfiche Data	Task is complete.
Task 9 Installation and Testing	<ul style="list-style-type: none"><li>▪ Made updates to the administrator's manual.</li></ul>
Task 10 Training and Documentation	Task is complete.
Task 11 System Evaluation	Task is complete.
Task 12 Project Management	<ul style="list-style-type: none"><li>▪ Managed work activities and tracked schedule, budget.</li><li>▪ Submitted December invoice and monthly reports on Jan 13.</li><li>▪ Held December progress meeting by phone on Jan 19.</li></ul>