

## **Inundation Maps on National Weather Service Websites**

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The National Weather Service (NWS) began posting flood inundation maps on line in October 2007 as part of its Advance Hydrologic Prediction Service (AHPS). Currently, there are 47 inundation maps available at NWS river forecast locations in 4 out of the 50 states.

The inundation maps provide a graphical depiction of where the water will go when a flood occurs and tells a user how deep the water will be. The maps are available for fast download (image only), a more detailed version (orthophoto background) or in two GIS compatible formats (shapefiles or kmz). The maps have many other display features including, NWS flood categories and NAVD88 Vertical Datum information, etc. The inundation maps can be used for flood mitigation efforts, emergency operations during a flood, and for post flood assessment efforts. NWS inundation maps are online at: <http://water.weather.gov/ahps/inundation.php>

NWS has been able to provide these maps through partnerships and external funding sources.