

The advanced flash flood monitoring and prediction system

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FFMPA (Flash Flood Monitoring and Prediction - Advanced) is a Decision Support tool developed by the Decisions Assistance Branch (DAB) of the Meteorological Development Laboratory (MDL) at NWS Headquarters, in the AWIPS system environment, and is used by many WFOs in the NWS to assist with Flash Flood warning decisions. It has been in service for many years, but was re-designed in 2007-2008 to provide more flexibility and to hopefully be a more valuable tool, in regards to flood and flash flood evaluations. The strengths of the new design will be reviewed and highlighted, a few lesser known capabilities will be noted, and possible future directions will be listed.