

HEFS Training Workshop #5

Seminar G

HEFS Products and Information

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February 26, 2014

HEFS Products and Info Rqmts Team

- *Identified need for team to define requirements for HEFS product suite*
- *Team established*
 - *Paul Miller (CBRFC)*
 - *Mike Money Penny (WFO – Raleigh)*
 - *Donna Page (OHD)*
 - *Wendy Pearson (Central Region)*
 - *Greg Shelton (WGRFC)*
 - *Dave Streubel (APRFC)*
 - *Ernie Wells (HSD)*

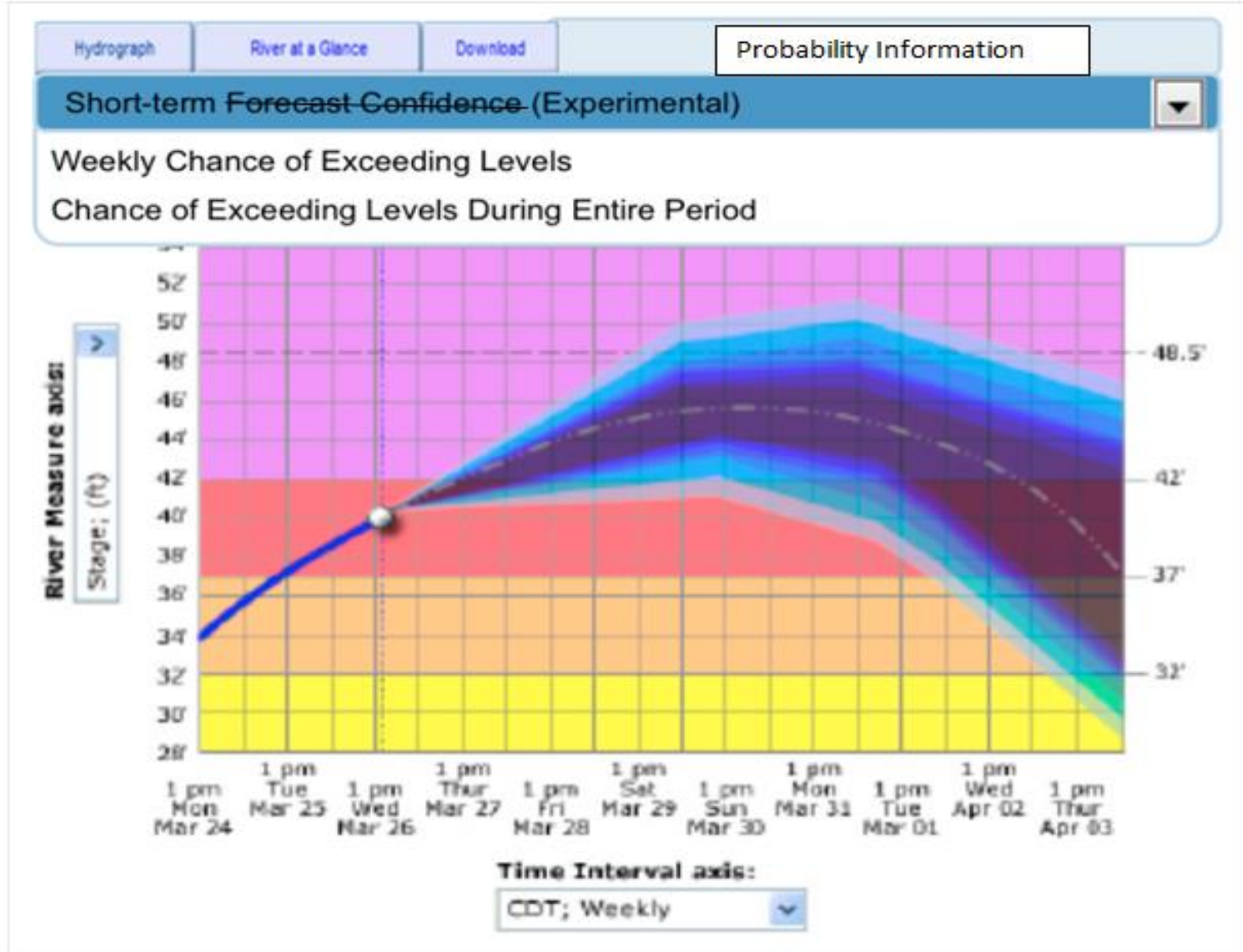
HEFS Products and Info Rqmts Team

- *Team Charter Goals/Deliverables*
 - *Requirements for an initial experimental short-range probabilistic product for AHPS*
 - *Requirements for a standard suite of short to long-range HEFS products and information*

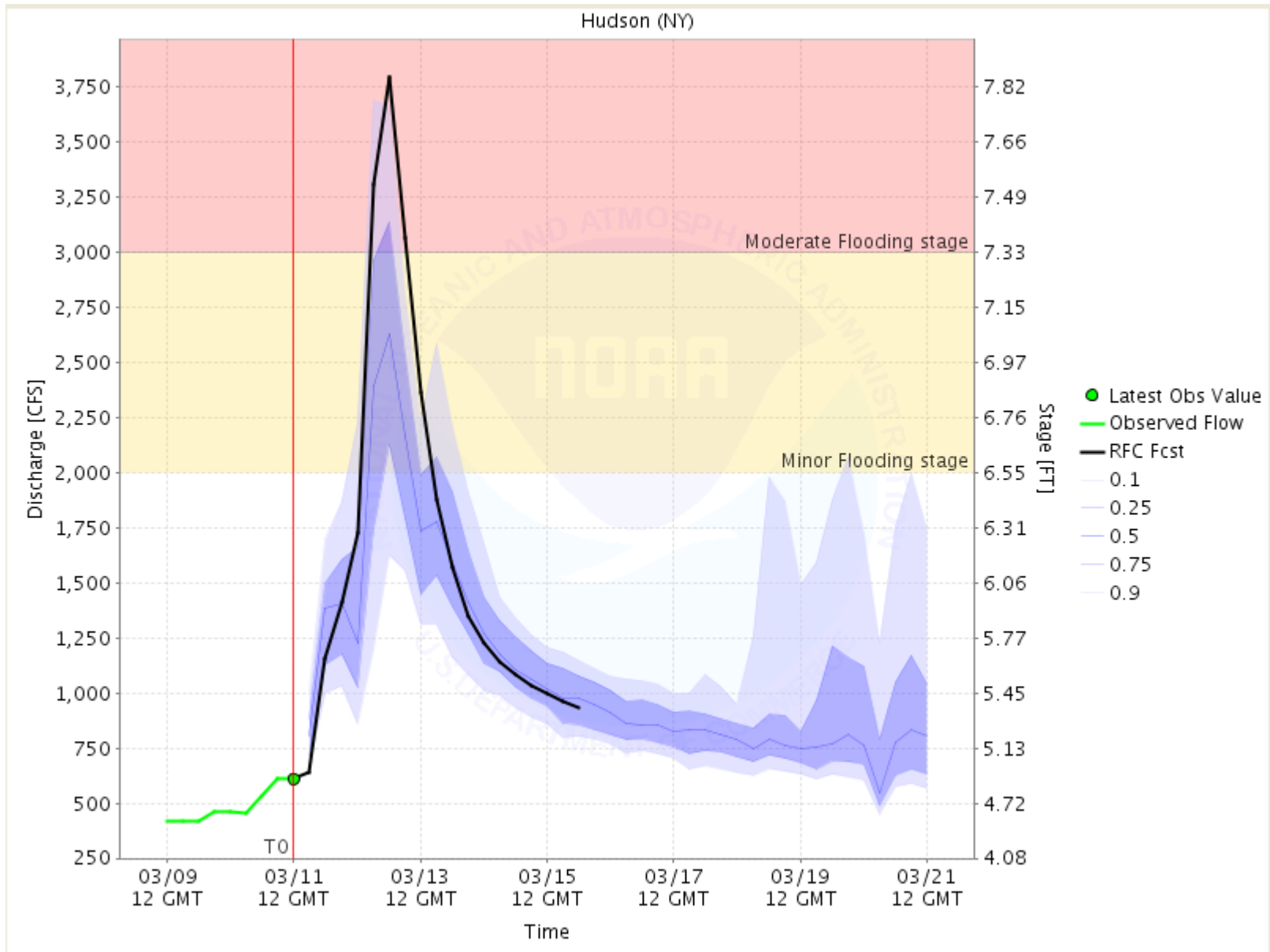
Initial Team Efforts

- *Focus on short-range probabilistic graphic to AHPS*
- *Some 2013 funds for AHPS web page development (Orion)*
- *Finalize AHPS web requirements*
 - *New menus, CMS controls, etc.*
- *Define elements of initial HEFS product via GraphGen*
- *Test end-to-end process*
- *Meet NWS policy requirements (PDD, etc.)*

Option 2 – Add Probability Drop-down Tab to Hydrograph Pages



Initial Example NERFC HEFS Product using GraphGen



Early ABRFC Example on AHPS Dev Site

Weather Forecast Office Norman, OK

Arkansas Red-Basin River Forecast Center

This probabilistic forecast is issued by the [Arkansas Red-Basin River Forecast Center](#).

[Hydrograph](#)

[River at a Glance](#)

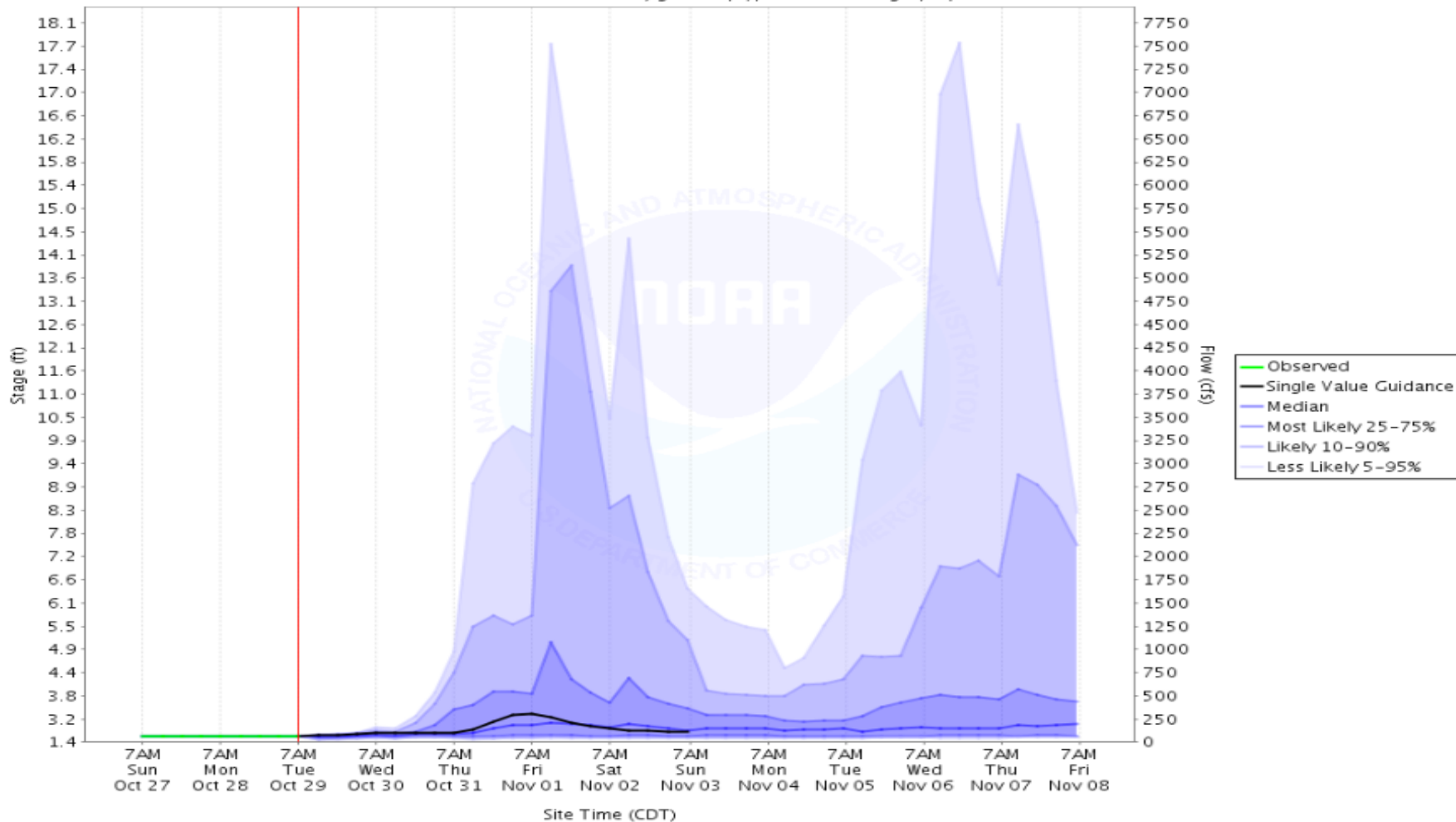
[Download](#)

[Probability Information](#)

[For official forecast click here](#)

Short-term Probabilistic Guidance (Experimental)
BLK02 - CHIKASKIA RIVER AT BLACKWELL 1NE
Data as of 07:00 AM CDT Oct 29

For official forecast, go to <http://water.weather.gov/ahps>



[About this graph](#)

Forecasts for the Chikaskia River near Blackwell are issued routinely year-round.

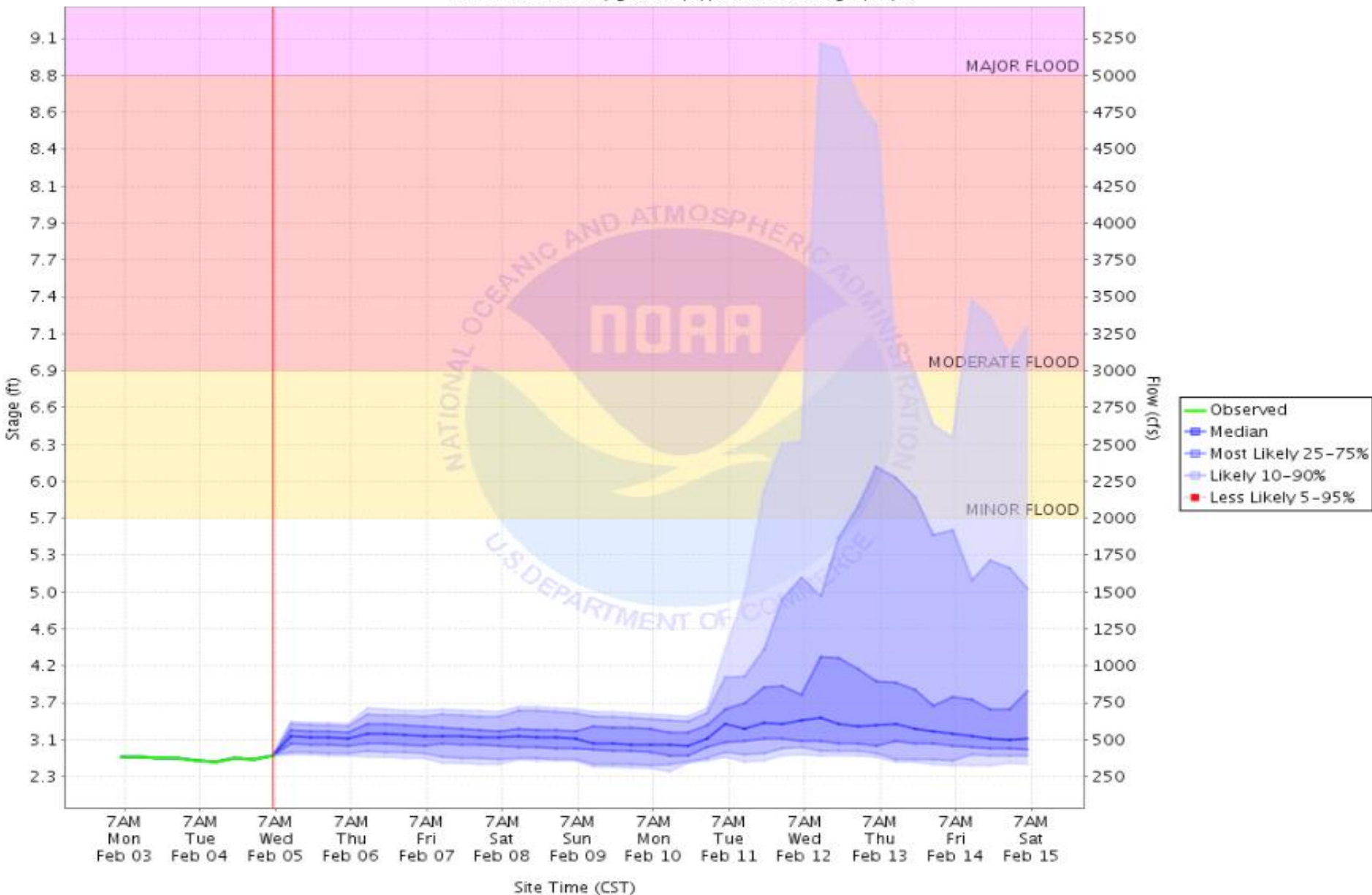
Flow - Short-term Probabilistic Guidance (Experimental) ▾

[Return to Area Map](#)

Recent ABRFC Example on AHPS Dev Site

Short-term Probabilistic Guidance (Experimental)
WTTO2 - ILLINOIS RIVER AT WATTS 2N
Data as of 06:00 AM CST Feb 05

For official forecast, go to <http://water.weather.gov/ahps>



Review AHPS Development Web Page

Next Steps

- *Deeper coordination with HEFS Development, Testing, Implementation activities*
 - *ConOps*
 - *Validation*
 - *Service Limitations*
 - *Feedback re: readiness of test RFCs produce and disseminate new products*
 - *Evaluation of specific product output at test locations*
- *Need more feedback re: additional info/products*
 - *Verification, Ensemble traces, Hindcasts, etc.*