

Experimental Water Resource Outlook Multi-Media Briefing

Part 1 – Mission Connection

a. Product Description – Water resources information, either during times of drought or flood, is critical to both NWS WFOs and SERFC partners such as the U.S. Army Corps of Engineers (USACE), U.S. Geological Survey (USGS), and other water managers. The experimental SERFC Water Resources Outlook (WRO) is an internet-based product that covers the SERFC area of responsibility, which extends across much of the Southeast U.S.

The WRO contains a variety of hydrometeorological information and is recorded by SERFC hydrologists and hydrometeorologists.

Briefings typically provide information on the outlook for water resources over the next month or two. Recordings are usually made for specific areas, either states or river basins.

This product is available via the SERFC web page. The WRO is typically updated bi-weekly.

b. Purpose – A wide variety of water managers need to know the overall water resources outlook over a period of several months. By studying current surface water and ground water conditions, status of water supply and flood control reservoirs, coordination with water management districts on supply and water use, and applying CPC outlook information and SERFC ensemble streamflow predictions, a general hydrologic outlook for a river basin can be produced. Water managers can then use this product to aid in their decision making process.

c. Audience – The target audience for this product is far-ranging. It is envisioned that users will be: the Army Corps of Engineers (COE), the US Geological Survey (USGS), emergency management agencies (federal, state, and local), state water management districts, power companies, water supply entities, recreational interests, state natural resources departments, and the general public.

d. Presentation Format – The SERFC Hydrometeorological Briefing is available via the web. It is a multi-media movie file containing both audio and graphics. The typical length is 5 to 8 minutes.

An example of a SERFC multi-media hydrometeorological briefing can be found at the following URL:

<http://www.srh.noaa.gov/alr/wro/default.html>

e. Feedback Method – Comments regarding the SERFC WRO should be sent to the feedback e:mail address on the webpage containing the product. Comments may also be provided to:

Southeast River Forecast Center
4 Falcon Drive
Peachtree City, GA 30269
Attn: John Feldt

Feedback can also be provided via email or telephone to John Feldt, Hydrologist-in-Charge.

Email: John.feldt@noaa.gov

Telephone: (770) 486-0028 X 322

Experimental Feedback Period: February 29, 2008 – January 31, 2009

Part II – Technical Description

a. Format and Science Basis – Hydrometeorologists at the SERFC will consider existing surface and groundwater conditions, reservoir storage volumes, water information from other federal and state agencies, ensemble streamflow predictions, and updates from CPC to determine the hydrologic outlook for the upcoming two months for major basins across the SERFC area of responsibility.

b. Product Availability – This product is available via the SERFC web page. The WRO is updated bi-weekly.

c. Additional Information – Contact John Feldt (John.Feldt@noaa.gov) or Todd Hamill (Todd.Hamill@noaa.gov) at the SERFC (770) 486-0028

CRITICAL WATER WATCH

(Click on State for more Information)

Water Resources Outlook

Informational Summaries by State on Water Resources across the Southeastern United States



**Provided by the
Water Resource Team
Southeast River Forecast Center
National Weather Service**

Screen Capture of the main SERFC Water Resources Page. This is an example of a longer-lead hydrometeorological briefing.