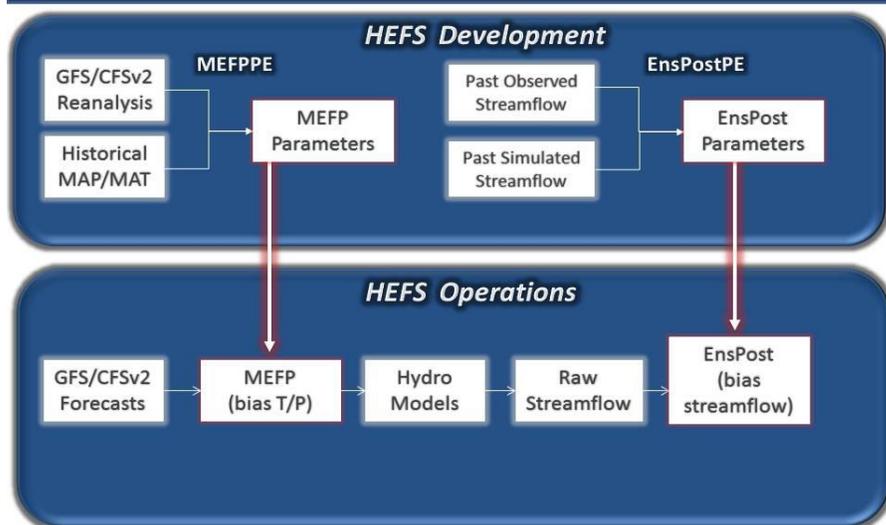


What are HEFS River Forecasts?

River Forecasts created from the Hydrologic Ensemble Forecast System utilize a bias corrected GEFS and CFSv2 precipitation and temperature data. The Hydrologic model uses this data to generate streamflow forecasts. These streamflow forecasts are then corrected to account for biases in the hydrologic model. HEFS river forecasts can be run for any length of time but generally are run from 7 days out to one year.

Hydrologic Ensemble Forecast System (HEFS)



What is the forecast period for HEFS forecasts at the Southeast River Forecast Center?

The forecast period is for 10 days for the short-term graphics published on AHPS. Future additional forecasts will include longer time periods.

How often are HEFS forecasts updated?

The HEFS forecasts are once a day at this time. More frequent updates are possible in the future.

When did the Southeast River Forecast Center begin issuing HEFS forecasts?

The Southeast River Forecast Center began issuing some forecasts in 2021 and expects to have the entire region completed in 2022.

How can I use HEFS river forecasts?

HEFS river forecasts are the first of its kind in that both the precipitation inputs and streamflow output are corrected for potential biases in the forecast process. The forecasts provide information on the uncertainty of the forecast.

Where can I find HEFS forecasts?

The 10-day short-term forecasts are available for parts of the Southeast at this time and they can be found, if available, under the AHPS Probability Information drop down called "Short-term Probabilistic Guidance". All river forecast locations in the southeast region will have the HEFS forecasts by the end of 2022.

