

The *OverTheLoop* Streamflow Forecast Demonstration Project

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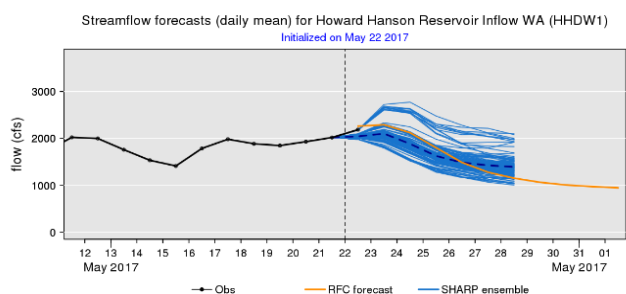
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Short to Medium Range Streamflow Forecasts

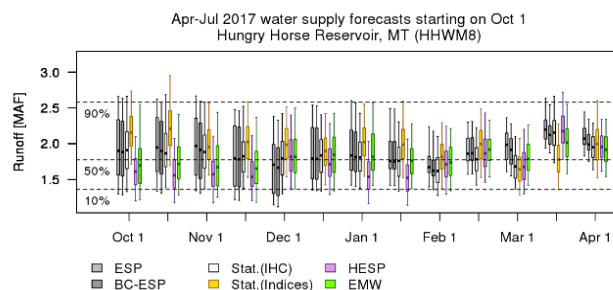
Streamflow forecasts from hours out to 15 days (ie, 'short to medium range') are used for flood control and other daily reservoir operations that achieve water management objectives such as hydropower generation, stream temperature control, navigation support, and irrigation scheduling, among others. [Latest Medium-Range Forecasts](#)



Short/medium range reservoir inflow forecast, including both deterministic and ensemble predictions

Seasonal Streamflow Forecasts

In many parts of the world, and particularly where reservoirs supply water needs during a dry season, or where rivers are fed by snowmelt (giving long-lead predictability), seasonal streamflow forecasts are a critical prediction. A common example is the probabilistic seasonal runoff volume forecast, which supports high-value seasonal to annual water system allocation decisions for agriculture and water supply among other uses. [Latest Seasonal Forecasts](#)



Seasonal reservoir inflow volume forecast evolution plot

Access *OverTheLoop* at
<http://hydro.rap.ucar.edu/hydrofcst/index.html>