



November RBC Meeting Review

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Agenda Item 3

Future Sedimentation Projections for USACE Reservoirs



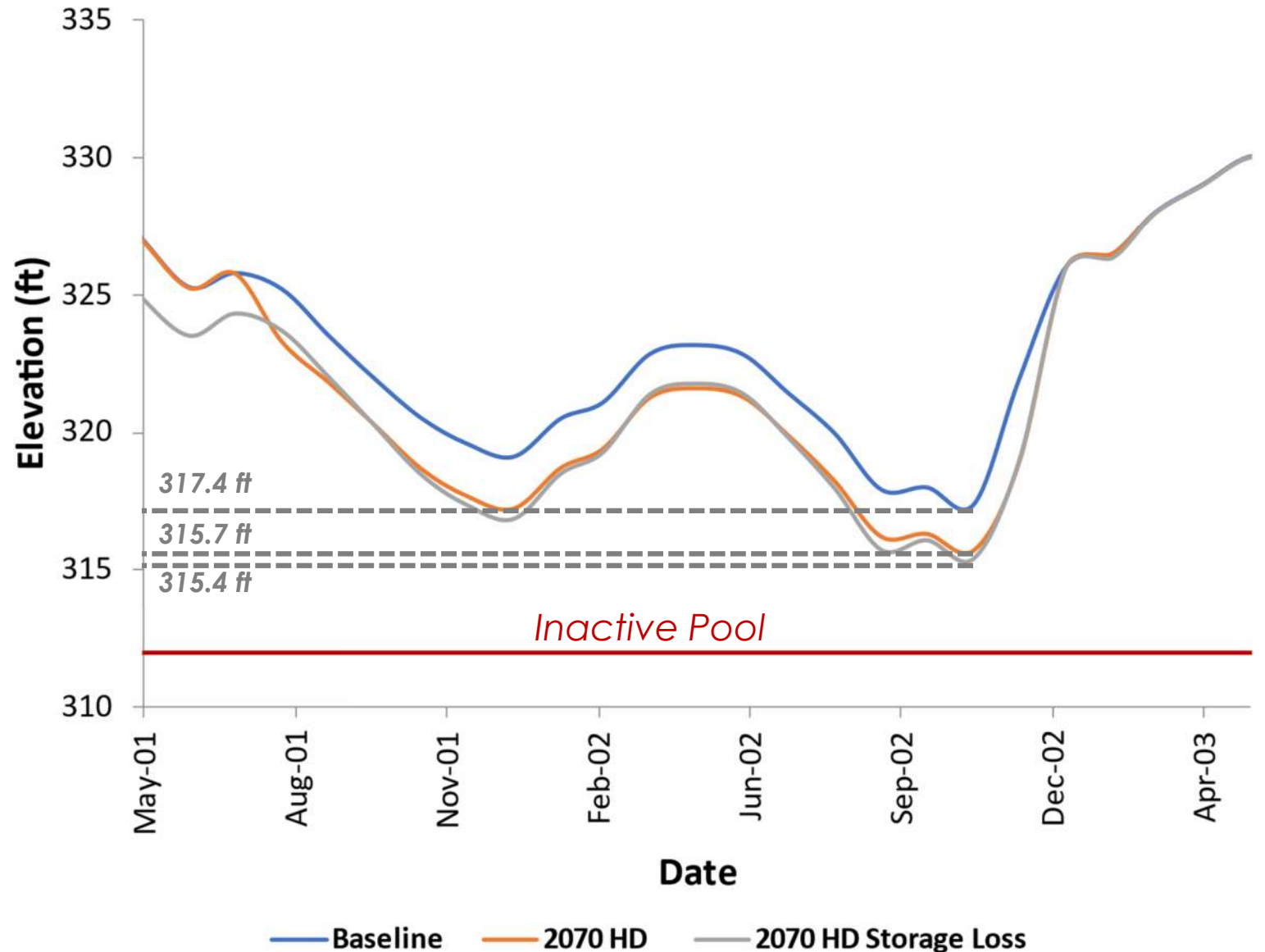
Reservoir	Estimated Storage Loss since Construction	Projected Storage Loss Since Construction through year 2072
Lake Hartwell	14%	25%
Lake Russell	10%	28%
Lake Thurmond	7%	12%

Future Sedimentation Projections for USACE Reservoirs




Results

- Projected storage loss has a minor impact on water availability, and there continue to be no projected shortages on the Savannah River mainstem.




Lake Thurmond Level (ft)
2002 Drought Period



RBC-Adopted Technical Recommendations

-  **Fund all existing and future state agency recommended streamflow gage locations**
-  **South Carolina should request for and cost-share in the completion of Phase 2 of the USACE Comprehensive Study and Drought Plan Update.** The RBC encourages USACE to be more proactive and incorporate forecasting into drought decision-making.
-  **Additional fish and invertebrate data should be collected to enable development of flow-ecology relationships in the Blue Ridge Province.**

RBC-Adopted Policy, Legislative, or Regulatory Recommendations

-  **The South Carolina Legislature authorize recurring funding for state water planning activities, including river basin planning.** Currently, nearly all the funding for the river basin planning process has come from the legislature.
-  **Establish a grant program to help support the implementation of the actions and strategies identified each RBC's River Basin Plan.** One example is Georgia's Regional Water Plan Seed Grant Program which supports and incentivizes local governments and other water users as they undertake their Regional Water Plan implementation responsibilities.
-  **The South Carolina Surface Water Withdrawal, Permitting, Use, and Reporting Act should allow for reasonable use criteria to be applied to all new surface water withdrawals, like those that currently exist for groundwater withdrawals.** The Act should include measures to improve water use efficiency. The Act should allow for the reallocation of water resources to where they are needed.