CRSS Documentation

Currently, the development of comprehensive CRSS documentation is ongoing. This document lists the disparate sources for existing documentation.

# Overview Documentation

* The 2012 Colorado River Basin Water Supply and Demand Study [appendix G2](https://www.usbr.gov/lc/region/programs/crbstudy/finalreport/Technical%20Report%20G%20-%20System%20Reliability%20Analysis%20and%20Evaluation%20of%20Options%20and%20Stategies/TR-G_Appendix2_FINAL.pdf) includes a comprehensive set of assumptions used in CRSS. The current official CRSS includes many of these assumptions, however; appendix G2 includes assumptions for modeling options and portfolios, which are not included in the official CRSS.
* The 2007 Interim Guidelines [Final Environmental Impact Statement appendix A](https://www.usbr.gov/lc/region/programs/strategies/FEIS/AppA.pdf) also includes a comprehensive set of assumptions. The Basin Study assumptions supersede some assumptions included here, though this provides documentation for many of the Powell and Mead operating rules.
* Each CRSS package includes a word document (CRSS.ModelingAssumptions.[MonthYear].docx) that lists the high level assumptions, e.g., initial elevations for Powell and Mead, used for each model run. This document also includes changes to the model, ruleset, and supporting data/files that were made since the last official CRSS package was released.

# User Guides and Detailed Documentation

* Each CRSS model package includes a word document (RunningCRSS-[yearmonthday].docx), which includes detailed instructions for setting up CRSS on a local computer, as well as instructions for performing runs with CRSS.
* Each CRSS model package includes a word document (RiverSMART Notes\_v[x].docx) with some notes on using RiverSMART with CRSS. More detailed instructions for RiverSMART are found at riverware.org and a intro video is available at <http://www.riverware.org/tutorials/RiverSmart/index.html>.
* Detailed documentation for certain rules and functions are included within CRSS. These “reports” can be generated by going to the Output Manager in RiverWare, selecting the “Model Report” outputs, and then selecting “Generate”. The reports will then show up as HTML files in the $CRSS\_DIR/ruleset directory.