II. RiverWare Software Maintenance

**Releases , Patches and Snapshots**

RiverWare 6.7 Pre-release was sent to all RiverWare Users on July 17, 2015 for testing and acceptance. This involved writing release notes, regenerating the help PDFs, updating the builds areas, creating the release executable, updating the website, and sending out the release notification. Release notes can be found on the RiverWare.org website.

**Regression Tests**

The regression tests continue to be maintained on a daily basis. This involves updating the regression tests to exercise new developments in the code. Also, as new code is added to the development area, the model comparisons performed in the nightly regression tests usually show differences (for example, because a new method category may have been added). When this occurs, the regression tests need to be updated to reflect the current state of the development area so model comparisons do not fail. In addition, every week, the daily history of each regression test is analyzed to determine if the run time or model size has significantly changed because of new development.

**Bug Fixes:**

Bug 5660: Negative Diversion due to Soil Moisture. A new slot Soil Moisture Gain Loss was added to track the soil moisture water lost when the irrigated acreage is reduced from the previous timestep. (Neumann)