

DSM2 82-Year Extension for Common Assumptions Long-term Update

Background

- Common Assumptions main objective is to support the surface storage investigations with common metrics.
- Two major efforts include the development of an analytical framework and Common Model Packages and the characterization and quantification of water.

Surface Storage Investigations

- Shasta Enlargement
- North of Delta Offstream Storage
- In-Delta Storage
- Los Vaqueros Expansion
- Upper San Joaquin Basin Storage

Plan Formulation Report Common Model Package (PFCMP) Application

- Future No-Action Condition
- CALSIM II released in January, 2006
- Extension of DSM2 period of record through 2003 (i.e., 1922-2003)

DSM2 Full-Period (WY 1922-2003) Extension Effort

- DICU 2020 extended through period
- Martinez stage extended through period and there are two modes:
 - Pure astronomical
 - Adjusted astronomical with Golden Gate stage
- Gates operations:
 - CCF Gate operation ~ Priority 3 extension
 - Montezuma Slough Salinity Control Gate seasonal operation extension
 - SDIP Permanent Gates op: Modified Plan C
- Preprocessing scripts modification
- Development of full-period boundary DOC

Current Status

- Test run of both HYDRO & QUAL for the full-period using Pure Astro as Martinez stage has been completed.
- Issues associated with using extended adjusted Martinez stage are under review.
- Boundary DOC extension work is a few weeks away from completion.