HYDROLOGY MODEL RESULTS

CalSimII Hydrology Model
What we have: Input and output (dss) files, Excel workbook of results for many components.
What is most useful: Excel workbook, but we can ask Derek to mine inputs or results for whatever we like.

DSM2 Hydrodynamic and Water Quality Model
What we have: Input and output files; Excel file of compiled results for flow and EC (salinity).
What is most useful: The Excel file.

DSM2 HYDRO (NOT DELIVERED AS OF 3/12/19)
What we have: Flow and velocity analyses at specific locations we provided.
What is most useful:

Velocity Density Plots
What we have: Data for and figures showing overlap of velocity distributions (as modeled by DSM2) at locations for PA vs COS at Delta locations.
What is most useful: The figures (the "Camel plots").

TEMPERATURE MODEL RESULTS

HEC-5Q Temperature Model
What we have: Input and output files from HEC-5Q model. Excel workbook of model results. For Sacramento, American, Stanislaus, Feather Rivers.
What is most useful: The Excel file named:
Reclamation_ROConLTO_Trend_Reporting_rev02cy_Temp_3sty_ELTQ5_HEC5Q_RECTEMP__WOA11_COS6_PA5(woVSA)_011519.xlsm

HABITAT MODEL RESULTS

Forthcoming

BIOLOGICAL MODEL RESULTS

CVPIA SIT: South Delta Survival THIS HAS AN ERROR, DO NOT USE UNTIL FURTHER NOTICE
What we have: Excel file of survival values for each month of the model period for COS and PA. Is based on fall-run studies so application to other salmonids has limitations. Characterizes monthly survival values for two sizes of fish (81 mm and 140 mm) originating from the following regions: South Delta, Calaveras River, Consumnes and Mokelumne River, and North Delta.
What is most useful: The Excel file.

Delta Passage Model
What we have: Excel files of mean and range of survival results for each year for winter, spring, fall, and late fall run for all scenarios.
What is most useful: The Excel file.

IOS
What we have: Excel files of annual egg survival, fry survival, delta survival, and escapement for winter run.
What is most useful: The Excel file.

SacSalMort
What we have: Egg mortality model (NOT Anderson or Martin) results for Sacramento (fall, late fall, spring, winter), American (fall), and Stanislaus (fall).
What is most useful: PDFs of tables and figures of annual mortalities.
S:\2019-02-05 Final BA\Data files\Temperature_And_Egg_Mortality\SacSalMort

Salvage Density Model
What we have: Excel files of projected salvage for salmonids (fall, late fall, spring, winter, steelhead) and green sturgeon.
What is most useful: The Excel file.

Temperature-Related Egg Mortality
What we have: Results for Anderson and Martin models applied to winter run in the Upper Sacramento; run and provided by Reclamation; mortality values for each year.
What is most useful: The Excel/csv file of mortalities.
S:\2019-02-05 Final BA\Data files\Temperature_And_Egg_Mortality\Martin_Anderson_Egg_Mortality_BA\Mortalities_012519\from_steve\Mortalities.csv

SALMOD
What we have: Sacramento River for fall, late fall, winter, spring run.
What is most useful: PDFs of tables and figures of annual production, production by life stage, mortality and life stage mortality by mortality sources.

SWFSC Winter Run Chinook Life Cycle Model
FORTHCOMING
What we have:
What is most useful: