

Station Analysis Template: Reservoir Stage-Contents Records

Analysis Period: *Dates of record associated with this analysis*

Analyst: *Name of record-period analyst*

Gage Height or Elevation Record: *State the quality of the gage height or elevation record (good, fair, poor) for the analysis period. State the range of stage or elevation experienced during analysis period (min and max). Included general discussion of periods with any problems (missing record, for example).*

Datum: *Provide the date of the most recent levels. If run during analysis period, discuss the results of the level run, provide the reasoning / justification for any datum correction, and explain how the datum correction was applied, include dates.*

Backup Data: *Describe where the backup data came from, the quality of the backup data, why there was a gap in the primary time-series, and the period that contains the merged data*

Ice Affected: *Provide dates for periods when recorded gage heights or elevations are affected by ice.*

Edits: *Discuss all edits to the recorded gage heights, including reasoning for the erroneous values and methods used in making edits. Provide dates for any gaps in recorded gage heights.*

Gage-Height Corrections: *Clearly describe the reasoning and timing for any gage height corrections. Blanket statements for small instrument drift can be provided. Larger corrections need detailed discussion.*

Other Corrections: *Provide the reasoning and application period for any flushing, purge, or drawdown corrections. Provide detailed discussion on any other types of corrections that were developed, their period of applicability, and why they were deemed necessary for the analysis period. (Note: corrections that vary by stage such as drawdown corrections require a well defined relationship built upon direct observations of the reference gage and recorder over range of stage. Document(s) with supporting plots/analyses/discussions should be referenced and properly stored in accordance with WSC policy)*

Estimates: *If required, provide dates for estimated periods. Describe methods used in developing estimated unit value gage heights or elevations.*

Stage-Contents Rating: *Indicate rating(s) by number that are active for analysis period. Include information on when the rating was initially activated and by whom and when it was created. Provide general assessment of the relevance of the current rating.*

Reservoir Contents Record: *State the quality (excellent, good, fair, poor) of the computed contents record for the analysis period. Included general discussion of uncertainty in the computed contents for the analysis period. This discussion should incorporate the quality of the recorded gage height, and the quality of the stage-contents relation for the computed range of volume of the analysis period.*

Estimates: *If required, provide dates for estimated periods. Describe methods used in developing estimated unit value reservoir volumes.*

Comments: *Provide any pertinent remarks or comments for the analysis period that are not contained in the above sections.*