Station Analysis Template: Stage or Elevation 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.*
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> **Backup Data**: *Describe source of the backup data (EDL, etc.), the quality of the backup data, why there was a gap in the primary time-series, and the period that contains the merged data.*
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> **Ice Affected**: *Provide dates for periods when recorded gage heights or elevations are affected by ice.*
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> **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.*
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> **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, 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 and events. Document(s) with supporting plots/analyses/discussions should be referenced and properly stored in accordance with WSC policy)*
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> **Peak Stage**: *Provide the maximum recorded peak stage value, and the independent peak stage value (including assessed uncertainty of the independent peak stage value and the type of independent peak stage device used). The results of the verification procedure should be described including which peak stage value was determined to be the valid maximum stage for the analysis period (See OSW TM 14.06). Finally, indicate how this peak value relates to the previous peaks observed during the water year.*

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

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