AADF Lag Time Sensitivity Analysis

David Hoekema, Hydrologist, Swan Falls Technical Working Group
10/20/2015
Estimated Lags for the AADF Calculation

1) Swan Falls—2 hrs

2) CJ Strike—10 hrs

3) Bliss—33 hrs

4) Lower Salmon Falls—35 hrs

95% Confidence Interval (2 Standard Deviations)

<table>
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<tr>
<th>[cfs]</th>
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<th>CJ Strike</th>
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<td>1-hour lag</td>
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<td>157</td>
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<td>21</td>
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<td>--</td>
<td>239</td>
<td>11</td>
<td>33.2</td>
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February: Swan Falls Headwater

February AADF: Swan Falls 1-hour lag Sensitivity
March: Swan Falls Headwater

March AADF: Swan Falls 1-hour lag Sensitivity
July AADF: Swan Falls 1-hour lag Sensitivity
February

February AADF: CJ Strike 1-hour and 2-hour lag Sensitivity

[Graphs showing flow and headwater levels over the days of February]
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