**Observed Stage Data**

<table>
<thead>
<tr>
<th>Station</th>
<th>Variable</th>
<th>on 8/19/2022</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>WCA-3A (Average for Site 63, 64 and 65)</td>
<td>Average Daily Stage</td>
<td></td>
<td>9.55</td>
<td>ft-NGVD29</td>
</tr>
<tr>
<td>NESRS2</td>
<td>Average Daily Stage</td>
<td></td>
<td>8.03</td>
<td>ft-NGVD29</td>
</tr>
<tr>
<td>Regulatory Stage WCA-3A</td>
<td>Average Daily Stage</td>
<td></td>
<td>10.02</td>
<td>ft-NGVD29</td>
</tr>
</tbody>
</table>

**Observed Flow Data**

<table>
<thead>
<tr>
<th>Station</th>
<th>Variable</th>
<th>From 8/13/2022 to 8/19/2022</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-12A</td>
<td>7-day Average Daily Flow</td>
<td>0 cfs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S-12B</td>
<td>7-day Average Daily Flow</td>
<td>0 cfs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S-12C</td>
<td>7-day Average Daily Flow</td>
<td>264 cfs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S-12D</td>
<td>7-day Average Daily Flow</td>
<td>369 cfs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S-333</td>
<td>7-day Average Daily Flow</td>
<td>547 cfs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S-333N</td>
<td>7-day Average Daily Flow</td>
<td>609 cfs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S-334</td>
<td>7-day Average Daily Flow</td>
<td>0 cfs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S-12s Total</td>
<td>7-day Average Daily Flow</td>
<td>633 cfs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S333 + S333N - S334</td>
<td>7-day Average Daily Flow</td>
<td>1156 cfs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Flow to ENP</td>
<td>7-day Average Daily Flow</td>
<td>1789 cfs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Meteorological Data**

<table>
<thead>
<tr>
<th>Forecasted</th>
<th>From 8/20/2022 to 8/26/2022</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>WCA3 7-day Quantitative Precipitation Forecast (QPF)</td>
<td></td>
<td>2.04</td>
<td>in</td>
</tr>
<tr>
<td>3AS3WX - 7-day Total Forecasted PET</td>
<td></td>
<td>1.17</td>
<td>in</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Observed</th>
<th>From 8/13/2022 to 8/19/2022</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>WCA-3 7-day Total Observed NEXRAD Rainfall</td>
<td></td>
<td>1.07</td>
<td>in</td>
</tr>
<tr>
<td>3AS3WX 7-day Total Observed PET</td>
<td></td>
<td>1.17</td>
<td>in</td>
</tr>
</tbody>
</table>

**TTFF Application**

1. Previous week target flow (calculated with forecasted 7-day QPF and PET) 1692 cfs
2. Previous week target flow (recalculated with observed rainfall and PET) 1651 cfs
3. Adjustment for forecast (2-1) -41 cfs
4. This week calculated target flow 1550 cfs
5. This week target flow with adjustment (3 + 4) 1509 cfs

- Average Daily Target Flow $^2$ 1509 cfs

<table>
<thead>
<tr>
<th>TTFF formula coefficients</th>
</tr>
</thead>
<tbody>
<tr>
<td>WCA-3A Average Stage (β1)</td>
</tr>
<tr>
<td>3.1842</td>
</tr>
</tbody>
</table>

Target flow is distributed from east to west (S-333, S-12D, S-12C, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

- S333 + S333N - S334 becomes zero if the sum of S-333 and S-333N is less than S-334 flow. Calculation is done daily.

- Actual discharges may vary from target discharges because of changing hydrologic conditions.