TVA System Status Update

2017 Summary
January 1 – December 31, 2017

**CYTD Observed Rainfall vs. Normal**
- **Above Chatt**: Observed 51.89, Normal 47.04, 110.33%
- **Below Chatt**: Observed 58.66, Normal 54.49, 107.65%
- **System**: Observed 55.15, Normal 50.64, 108.90%

**CYTD Observed Runoff vs. Normal**
- **Above Chatt**: Observed 19.46, Normal 22.22, 87.60%
- **Below Chatt**: Observed 22.39, Normal 21.79, 102.74%
- **System**: Observed 20.87, Normal 22.01, 94.81%
Tributary System Storage for 2017

- Flood Guide
- SMOG
- Primary Balancing Guide
- 2017

Volume (1,000 DSF)

- Winter elevation
- Summer elevation
- Secondary Balancing Guide - Minimum Level to Protect Water Supplies

Months: Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec
Fontana 2017
Hiwassee 2017
Nottely 2017
TVA System Status Update

2018 To Date
**TVA**

**Drought Classifications:**

- **D0** – Abnormally Dry
  - 30-20% (Percentiles)
- **D1** – Moderate Drought
  - 20-10%
- **D2** – Severe Drought
  - 10-5%
- **D3** – Extreme Drought
  - 5-2%
- **D4** – Exceptional Drought
  - 2-0%
January 1 – April 5, 2018

**CYTD Observed Rainfall vs. Normal**

<table>
<thead>
<tr>
<th>Location</th>
<th>Observed (in)</th>
<th>Normal (in)</th>
<th>Normal (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Above Chatt</td>
<td>13.94</td>
<td>12.93</td>
<td>107.86%</td>
</tr>
<tr>
<td>Below Chatt</td>
<td>17.84</td>
<td>16.49</td>
<td>108.21%</td>
</tr>
<tr>
<td>System</td>
<td>15.82</td>
<td>14.65</td>
<td>107.98%</td>
</tr>
</tbody>
</table>

**CYTD Observed Runoff vs. Normal**

<table>
<thead>
<tr>
<th>Location</th>
<th>Observed (in)</th>
<th>Normal (in)</th>
<th>Normal (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Above Chatt</td>
<td>9.82</td>
<td>9.82</td>
<td>100.09%</td>
</tr>
<tr>
<td>Below Chatt</td>
<td>12.69</td>
<td>10.79</td>
<td>117.64%</td>
</tr>
<tr>
<td>System</td>
<td>11.20</td>
<td>10.29</td>
<td>108.91%</td>
</tr>
</tbody>
</table>
*Nottely is located in GA, but releases from Nottely affect Hiwassee Reservoir and flows in NC.