**October 1, 2023: LIP Stage -1 Normal**

High Rock HWEL = NME plus 1.3 = 621.2 USGS Datum (NGVD29), 652.3 YAD

Current 3-mo rolling avg. inflows = 3,005 cfs

|  |  |
| --- | --- |
|  | USGS Gage |
| Yadkin River at Yadkin College2116500 | South Yadkin River Mocksville2118000 | Abbotts Creek at Lexington2121500 | Rocky River near Norwood2126000 |
| July | 2480 | 259 | 46 | 449 |
| Aug | 2535 | 216 | 37 | 351 |
| Sep | 2187 | 145 | 54 | 253 |
| 3 mo. avg. | 2401 | 207 | 46 | 351 |

Hist. 3-mo rolling average inflows = 3,200 cfs (Inflow Ratio = 93.9)

Drought Index Ratio = (0+1+2)/3 = -1.0

Last Month LIP Stage = Stage -1

***Evaluation Criteria for LIP Stage Implementation:***

The LIP *must* be implemented beginning at Stage 0 and, if the combination of conditions becomes more severe, the Stages *must* increase in one Stage increments.

Stage 0: High Rock HWEL < NME minus 0.5 **NO**

 **OR** High Rock HWEL < NME minus 0 **AND** US Drought Monitor => 0 **NO**

 **OR** High Rock HWEL < NME minus 0 **AND** Average Inflow < 0.48 **NO**

Stage 1: High Rock HWEL < NME minus 1 **AND** US Drought Monitor => 1 **NO**

 **OR** High Rock HWEL < NME minus 1 **AND** Average Inflow < 0.41 **NO**

Stage 2: High Rock HWEL < NME minus 2 **AND** US Drought Monitor => 2 **NO**

 **OR** High Rock HWEL < NME minus 2 **AND**  Average Inflow < 0.35 **NO**

Stage 3: High Rock HWEL < NME minus 3 **AND** US Drought Monitor => 3 **NO**

 **OR** High Rock HWEL < NME minus 3 **AND**  Average Inflow < 0.30 **NO**

Stage 4: High Rock HWEL < ½ of NME minus CRWE **AND** US Drought Monitor => 4 **NO**

 **OR** High Rock HWEL < ½ of NME minus CRWE **AND**  Average Inflow < 0.30 **NO**

***Evaluation Criteria for Recovery (If Previous LIP Stage ≠ Stage -1)***

Recovery from this LIP will be triggered by any of the three following conditions:

* Condition 1: If all three triggers associated with a lower numbered LIP Stage are met on the first of the month, the LIP recovery will be a general reversal of the staged approach on the first of each month.

**OR**

* Condition 2: If High Rock Reservoir water elevations return to at or above the NME PLUS 2.5 ft, the LIP will be discontinued immediately.

**OR**

* Condition 3: If High Rock Reservoir water elevations return to at or above the NME for 2 consecutive weeks, the LIP will be discontinued immediately.