

January 1, 2022: LIP Stage -1 Normal

High Rock HWEL = NME plus 8.4 = 622.3 USGS Datum (NGVD29), 653.4 YAD

Current 3-mo rolling avg. inflows = 2,018 cfs

| | USGS Gage | | | |
|------------|--|---|--|--|
| | Yadkin River at Yadkin College 2116500 | South Yadkin River Mocksville 2118000 | Abbotts Creek at Lexington 2121500 | Rocky River near Norwood 2126000 |
| October | 1813 | 209 | 51 | 277 |
| November | 1429 | 176 | 38 | 153 |
| December | 1384 | 185 | 53 | 287 |
| 3 mo. avg. | 1542 | 190 | 48 | 239 |

Hist. 3-mo rolling average inflows = 4,000 cfs (Inflow Ratio = 0.51)

Drought Index Ratio = $(0+1+2)/3$ = 1.00

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 < $\frac{1}{2}$ of NME minus CRWE **AND** US Drought Monitor => 4 **NO**
OR High Rock HWEL < $\frac{1}{2}$ of NME minus CRWE **AND** Average Inflow < 0.30 **NO**

Evaluation Criteria for Recovery (If Previous LIP Stage \neq 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.