August 1, 2019: LIP Stage -1 Normal

High Rock HWEL = NME plus 2.5 = 622.4 USGS Datum (NGVD29), 653.5 YAD

Current 3-mo rolling avg. inflows = 5,944 cfs

		USGS Gage			
		Yadkin River at Yadkin College 2116500	South Yadkin River Mocksville 2118000	Abbotts Creek at Lexington 2121500	Rocky River Near Norwood 2126000
	May	3985	436	153	955
	June	6856	624	457	525
	July	3101	289	134	319
	3 mo. avg.	4647	450	248	600

Hist. 3-mo rolling average inflows = 4,200 cfs (Inflow Ratio = 1.42)
Drought Index Ratio = (-1-0-0)/3 = -0.33
Last Month LIP Stage = Stage 0

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.