

CW DMAG Update - September 4, 2007

Low Inflow Protocol (LIP) Drought Indicators

The following is a brief summary of the September 4, 2007, CW-DMAG conference call:

1. Attending Organizations:

Organization

NCDENR (DWR)

SCDNR

SCDHEC

USGS

City of Morganton

City of Lenoir

City of Hickory

CMUD

Lincoln County

City of Gastonia

City of Belmont

City of Lincolnton

Catawba Water Treatment Plant

Bowater

Invista

Licensee

2. LIP Trigger Update

Ed Bruce provided the following update of the Low Inflow Protocol (LIP) drought indicators as of September 4, 2007:

Storage Index (SI):	51.06%
Target Storage Index =	75.00%
Ratio =	68.08% (Supports Stage 2)

Trend Data:

SI on July 30, 2007=	64.36%
SI on August 27, 2007=	53.54%
SI on August 31, 2007=	52.58%
SI on September 4, 2007=	51.08%
Loss Rate since July 30, 2007=	2.58% per week
Loss Rate since August 27, 2007=	2.15% per week

Streamflow Indicator (six-month average versus historical six-month average):

Ratio on August 27, 2007= 64%

Ratio on September 4, 2007= 57.5% (Supports Stage 2)

US Drought Monitor (three-month average)

Three-month Numeric Average = +2.00 (Supports Stage 2)

Ed Bruce noted that August rainfall ended at less than one inch and that the year-to-date deficit is now around 14 inches.

Ed Bruce noted that the next LIP trigger update will be on Friday, September 7, 2007.

3. Duke Operations Update

George Galleher provided a brief update on Duke's operations of the Catawba-Wateree Project. Within the limits of the existing equipment available, Duke is targeting 807 cfs release from the Wateree Development, 650 cfs from the Wylie Development and 101 cfs from the Bridgewater (Lake James) Development. These flows would be daily average flows attained through pulsing of the existing units.

Duke meteorology staff is predicting no significant rainfall at least through next Monday. Without significant rainfall, lake levels at Lake James, Lake Norman and Lake Wylie are predicted to continue to decline.

4. Miscellaneous Discussion

- Ed Bruce thanked the Public Water Suppliers for their cooperation during this drought.
- Hope Mizzell (SCDNR) reminded the group that South Carolina has a drought response meeting on Wednesday, September 5, 2007.
- Next week's conference call will review what actions would be required under Stage 3 of the CW LIP.
- Larry Turner requested that Duke send an electronic version of the LIP to the CW-DMAG. Attached is a copy of the document.