

Estimated Water Supply in Harlan County Lake.txt

From: William Peck [WPECK@gp.usbr.gov]
Sent: Wednesday, August 01, 2007 8:04 AM
To: kbid@courtl and.net
Subject: Estimated Water Supply in Harlan County Lake

Good Morning Kenny,

Put together a rough estimate of the water supply in Harlan County Lake based on the end of July numbers. Will probably be a couple of days before we get the final July numbers from the COE, but estimate should be close. The previous estimate that was sent earlier this month needed a little refinement. Anyway, here is what we have for the end of July.

78,800 acre-feet for Kansas Bostwick Irrigation District
38,500 acre-feet for Bostwick in Nebraska

The total release from H.C. was approximately 14,300 acre-feet.
The estimated amount of water bypassed through H.C. (F-V & Riverside water) was 2,100 acre-feet.
The estimated amount of F-C water protected to the lake was approximately 11,600 acre-feet.
Water supply estimate includes moving the 12,500 acre-feet of storage from Bostwick in Nebraska to Kansas Bostwick.

Rain/runoff events continue to add to the overall water supply in Harlan County Lake. Adding the current water supply of 117,300 acre-feet to the 14,300 acre-feet released gives us 131,600 acre-feet of total supply so far. Hard to believe we started with 0 acre-feet in January.

The release from Harry Strunk Lake (26,000 acre-feet) is predicted to end around August 11th.

As of yesterday, we had released approximately 21,500 acre-feet from Lovewell into Courtland Canal.

Let me know if you have questions or need additional information.

Bill