



**US Army Corps
of Engineers®
Memphis District**

Oct. 12, 2012

Published every
Tuesday and Friday



Mississippi River

Low Water Update

Our Mission

The Memphis District, U.S. Army Corps of Engineers, will continuously and proactively plan for and execute actions in order to ensure authorized navigation channels and harbors are sustained. We will collaborate with all relevant Corps elements, navigation and port partners, and other stakeholders as part of a unified region, and leverage all available resources and capabilities.

Purpose of this newsletter

To inform the public and our partners on the status of harbors, the navigation channel, and current and future operations.

Memphis District Harbor Conditions - Oct. 12, 2012

Harbor	River Mile	Last Survey Date		Last Dredged	Dredging Schedule	Harbor Status
Elvis Stahr (Hickman), KY	921.0	August 22, 2012		AUG 2012	22 July - 15 August	OPEN
Northwest TN	899.0	April 4, 2012			TBD	CLOSED
New Madrid City, MO	886.0	June 12, 2012		SEP 2012	3 - 8 September	OPEN
New Madrid County, MO	885.0	September 4, 2012		AUG 2012	26 Aug - 2 Sept	OPEN
Caruthersville, MO	850.0	September 26, 2012		SEP 2012	10 - 21 September	OPEN
Osceola, AR	785.0	October 4, 2012		OCT 2012	22 Sept - 7 Oct	OPEN
Wolf River, TN	736.0	May 3, 2012		OCT 2011	29 Oct - 3 Nov	6' depth at -7 Memphis gage
McKellar Lake, TN	725.0	August 21, 2012		JUL 2012	10 Sept - 13 Nov	OPEN - currently dredging
Helena, AR	663.0	October 2, 2012		AUG 2010	9 - 15 October	CLOSED - currently dredging
Phillips County, AR	652.0	October 2, 2012		SEP 2010	17 - 24 October	CLOSED
Color key						
Controlling Depth						
Greater Than	11'		Green			
Between	9' and 11'		Yellow			
Less Than	9'		Red			

District Commander: Col. Vernie Reichling • Chief of Operations: Mr. Russ Davis

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U.S. Army Corps of Engineers - Memphis District, 167 N Main St. B202, Memphis, TN 38103

Dredge and Floating Plant locations in Memphis District and status as of Oct. 12, 2012

USACE Dredge Hurley: Currently at Redman Bar, mile 741 LMR. Scheduled to go to Armstrong, mile 718 LMR, approximately Oct. 15.

Contract Dredge Venture: At Helena Harbor, Ark., mile 663.2 LMR until approximately Oct. 18, then scheduled to move to Phillips County Harbor, Ark., mile 652.2 LMR.

Contract Dredge Pontchartrain: Currently at McKellar Lake, Memphis. Scheduled to remain at this location through Nov. 10.

Riverbank Stabilization Mat Sinking Unit: Milliken Bend, mile 453.3 LMR.

Funding status as of Oct. 12, 2012

Mainstem Mississippi River channel dredging: \$21.4 million received, \$17.4 million obligated.

Harbor dredging: \$17.0 million received, \$15.9 million obligated.

Additional information

General conditions: Light rains have occurred in the confluence area but Ohio River flows have decreased to the point where changes have been made to aid navigation. Due to these changes, the Cairo stage this morning was 8.1. Through the weekend, light rains will continue helping keep Cairo stages about 7.6 by Wednesday. At Memphis, the gage was minus 6.5 feet today dropping to minus 9.1 by Wednesday. Rainfall models continue to show rain across the basin every few days but amounts are not significant enough to reverse the current trend.

Useful links

NWS Ohio and Lower Mississippi River 5 Day Forecast:

<http://www.srh.noaa.gov/lmrfc/?n=lmrfc-mississippiandohioriverforecast>

NWS Extended Streamflow 28 Day Prediction:

<http://www.riverwatch.noaa.gov/forecasts/ORNESPORN.php>

Corps of Engineers Regional Common Operating Picture:

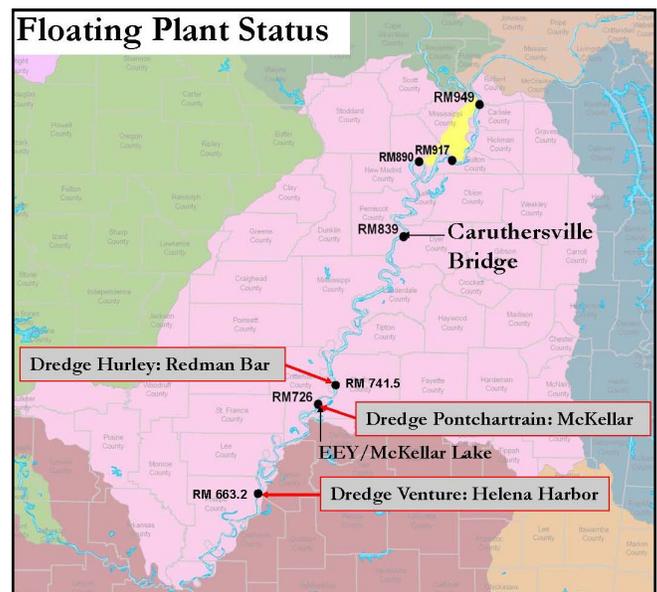
http://www.mvd.usace.army.mil/gis/2012_low_water/MVD_82912_Drought_email.pdf

Memphis District, U.S. Army Corps of Engineers:

<http://www.mvm.usace.army.mil/>

USCG Sector Lower Mississippi River, Memphis:

<http://www.uscg.mil/d8/sectlmr/>



Your suggestions welcomed

If you have an idea of how we can improve this newsletter, make it more useful to you or provide additional information, please let us know. You can email us at MemphisPAO@usace.army.mil or call the Memphis District Public Affairs Office at 901-544-3005.