



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

Dec. 11, 2012

Published every
Tuesday



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 - Dec. 11, 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		DEC 2012	22 Nov - 8 Dec	OPEN
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 16, 2012		OCT 2012	22 Sept - 7 Oct	OPEN
Wolf River, TN	736.0	October 1, 2012		OCT 2012	29 Oct - 7 Nov	OPEN
McKellar Lake, TN	725.0	August 21, 2012		JUL 2012	15 Dec - 9 Jan	OPEN
Helena, AR	663.0	October 2, 2012		OCT 2012	9 - 16 October	OPEN
Phillips County, AR	652.0	October 2, 2012		OCT 2012	17 - 24 October	OPEN
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 Dec. 11, 2012

USACE Dredge Hurley: Currently dredging at Booths Point, mile 838 LMR.

Contract Dredge Venture: Currently in tow to McKellar Lake, Memphis.

Contract Dredge Wallace McGeorge: Currently dredging at Commerce, mile 695 LMR.

Riverbank Stabilization Mat Sinking Unit: Currently at Marchand, La., mile 180.1 LMR.

Funding status as of Dec. 11, 2012

Mainstem Mississippi River channel dredging: \$23.4 million received, \$20.2 million obligated.

Harbor dredging: \$17.3 million received, \$15.9 million obligated.

Additional information

General Conditions: Showers and possibly thunderstorms are forecasted for Friday night thru Sunday night with rainfall amounts ranging for $\frac{1}{4}$ " to $\frac{3}{4}$ " predicted. Another moisture-producing system will move into the confluence area around Dec. 18 with preliminary estimates for about 1" over the basin. The gage at Cairo this morning was 16.6 feet and is forecasted to rise to 25.0 feet by Sunday. Current river forecast models have Cairo cresting about Dec. 19. The Memphis gage this morning was minus 5.2 feet and is expected to rise to plus 3.6 feet by Sunday.

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/>



Mississippi Valley Division commander Maj. Gen. John Peabody (in uniform) recently met with (left to right) Don Mayer (Chief of Navigation Branch), Wade Channel (also in Navigation Branch) and Frank Segree (Master of the Dredge Hurley) at our Ensley Engineer Yard in Memphis to discuss low water conditions.

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.