



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

Oct. 23, 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. 23, 2012

| Harbor | River Mile | Last Survey Date | | Last Dredged | Dredging Schedule | Harbor Status |
|---------------------------|------------|--------------------|--------|--------------|---------------------|-----------------------------|
| Elvis Stahr (Hickman), KY | 921.0 | August 22, 2012 | Green | AUG 2012 | 22 July - 15 August | OPEN |
| Northwest TN | 899.0 | April 4, 2012 | Red | | 10 - 17 December | CLOSED |
| New Madrid City, MO | 886.0 | June 12, 2012 | Green | SEP 2012 | 3 - 8 September | OPEN |
| New Madrid County, MO | 885.0 | September 4, 2012 | Green | AUG 2012 | 26 Aug - 2 Sept | OPEN |
| Caruthersville, MO | 850.0 | September 26, 2012 | Green | SEP 2012 | 10 - 21 September | OPEN |
| Osceola, AR | 785.0 | October 16, 2012 | Green | OCT 2012 | 22 Sept - 7 Oct | OPEN |
| Wolf River, TN | 736.0 | October 1, 2012 | Red | OCT 2011 | 29 Oct - 3 Nov | 6' depth at -7 Memphis gage |
| McKellar Lake, TN | 725.0 | August 21, 2012 | Green | JUL 2012 | 10 Sept - 4 Dec | OPEN |
| Helena, AR | 663.0 | October 2, 2012 | Green | OCT 2012 | 9 - 16 October | OPEN |
| Phillips County, AR | 652.0 | October 2, 2012 | Green | OCT 2012 | 17 - 24 October | OPEN - currently dredging |
| 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. 23, 2012

USACE Dredge Hurley: Currently at Ensley Engineer Yard, Memphis, for repairs.

Contract Dredge Venture: At Phillips County Harbor, Ark., mile 652.2 LMR.

Contract Dredge Pontchartrain: Currently expected to complete dredging at McKellar Lake, Memphis today then be released.

Riverbank Stabilization Mat Sinking Unit: Morville Landing, La., mile 353.8 LMR.

Funding status as of Oct. 23, 2012

Mainstem Mississippi River channel dredging: \$21.4 million received, \$17.5 million obligated.

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

Additional information

General conditions: Rainfall last weekend had little or no significant effect on river stages in the region. Today's gage reading at Cairo is 9.4 feet and is forecasted to rise to 11.3 feet by Sunday. The Memphis gage today read minus 7.1 feet and is forecasted to rise to minus 6.8 feet by Sunday. The next significant rainfall event in the valley may come next week. Otherwise, mostly steady conditions are expected to prevail throughout the region.

Useful links

NWS Ohio and Lower Mississippi River 5 Day Forecast:

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

NWS Extended Streamflow 28 Day Prediction:

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

Corps of Engineers Regional Common Operating Picture:

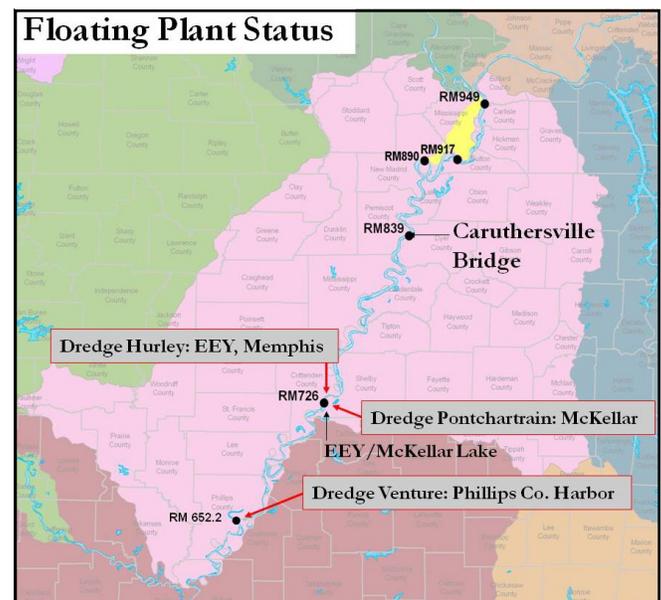
http://www.mvd.usace.army.mil/gis/2012_low_water/MVD_82912_Drought_email.pdf

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.