Cottonwood Island

Copperfield Lt. (290.0)

Fl(2)R 5s

North Fritz Island Head Lt. (289.0)

Fl(2)R 5s

289

North

March 23, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 09:00	WS 11:00	MP DIFF 09:00	MP DIFF 11:00
New Mundy					
294.0	449.00	452.15	452.15	3.15	3.15
291.0	448.95	451.33	451.33	2.38	2.38
290.0	448.93	451.05	451.05	2.13	2.13
289.0	448.91	450.78	450.78	1.87	1.87
288.0	448.89	450.51	450.51	1.61	1.61
Louisianna					
282.9	448.80	449.11	449.11	0.31	0.31

North

Scale: 1 Inch = 400.00 Feet

250 500 1000 1500 2000 Feet

< 9.00
9.00
11.00
13.00
>= 15.00

PRE DREDGE SURVEY

1. Sounded 23 March, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Missouri East, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publicatios/us-chart-1.html
5. Depths shown are below Minimum Pool (MP)
   Red depths are between 9 feet, Minimum Pool (MP) and the surface.
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

PRELIMINARY

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 23 March, 2023
New Mundy 09:00 = 10.3 11:00 = 10.3
Louisianna 09:00 = 11.78 11:00 = 11.78

DATES OF SURVEY: 23 March, 2023

FILE NO.:
REQUEST NO.:

SCALE: ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Abednego Nkem
PHOTOGRAMMETRY

Approved: Jarrett Langer
CHIEF, SURVEY & MAPPING SECTION

Approved: Jarrett Langer
CHIEF, SURVEY & MAPPING SECTION

Approved: Darren Forgy
CHIEF, ENGINEERING DIVISION

Date: 23 March, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL. 62236

MIDDLE MISSISSIPPI RIVER
PRE DREDGE SURVEY
RIVER MILES 290.1 - 289.0

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