



ILLINOIS

ILLINOIS

MISSOURI

1. SOUNDED JULY 21, 2020 BY BOWEN ENGINEERING AND SURVEYING.
2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83), COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
3. VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

Depths shown are below LWRP2014 SURFACE
 Red solid contours are 9' below LWRP2014 SURFACE
 Green dashed contours are 12' below LWRP2014 SURFACE
 Blue dashed contours are 14' below LWRP2014 SURFACE

JULY 21, 2020
 INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE		LWRP 2014	LWRP DIF	
	@ 9:00	@ 15:00		@ 9:00	@ 15:00
15	302.38	302.56	286.35	16.03	16.21
16	303.14	303.30	287.03	16.11	16.27
17	303.90	304.04	287.74	16.16	16.30
18	304.66	304.79	288.32	16.34	16.47



US Army Corps of Engineers
 St. Louis District

COMMERCE NO	PRECED. LANDING	THOMPSON LANDING	BIRDS POINT
10160	298.95	279.03	273.91
39.5	28.2	20.2	2.0
3012	294.38	289.54	280.38
	X	X	X

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	Survey Date: JULY 21, 2020	Reviewed by:
UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER	Drawn by: Bowen Engineering	Approved:
	Submitted:	
	Plot date: File name:	

170 0 100 240 METERS
 400 0 800 FEET
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED BY BOWEN ENGINEERING AND SURVEYING, INC. AS INDICATED BY THE GENERAL CONDITIONS OF CONTRACT.

PRE DREDGE SURVEY
 RIVER MILES 17.4 - 15.3

PLATE NUMBER
 XX

SEE PLATE NO. 91