



ILLINOIS

ILLINOIS

MISSOURI

1. SOUNDED SEPTEMBER 15, 2020 BY BOWEN ENGINEERING AND SURVEYING.
 2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83). COORDINATES SHOWN ARE MISSOURIEAST 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

SEPTEMBER 15, 2020
 INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 11:00	WSE @ 13:00	LWRP 2014	LWRP DIF @ 11:00	LWRP DIF @ 13:00
15	296.52	296.74	286.35	10.17	10.39
16	297.03	297.24	287.03	10.00	10.21
17	297.54	297.74	287.74	9.80	10.00



COMMERCE NO	PREC'S. LANDING	THOMPSON LANDING	BIRDS POINT
10160	298.95	279.03	273.91
39.5	28.2	20.2	2.0
3012	294.35	289.54	280.38
15 SEP 2020	X	20.141000 20.30133001	15.9711000 16.31133001

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	Survey Date SEPTEMBER 15, 2020	Reviewed by:
UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER	Drawn by: X Ckd by: X	APPROVED: X

240 METERS
 800 FEET
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER THE GENERAL CONDITIONS OF CONTRACT NO. 15-15-00000-0001 FOR PRE DREDGE SURVEY RIVER MILES 16.2 - 15.0

PLATE NUMBER
 XX

SEE PLATE NO. 91

BUDDER TOWHEAD
 WEIR 10.0(R)
 WEIR 10.0(R)

DIKE 17.4(R)

DIKE 16.7(R)

THOMPSON CHUTE
 DIKE 16.0(R)

INDEFINITE BOUNDARY

DIKE 15.5(R)

DIKE 15.1 (R)

DIKE 14.9 (R)

DIKE 14.7 (R)

DIKE 14.5 (R)

MISSOURI SISTER

DIKE 1

GREEN BUOY