



1. SOUNDED DECEMBER 28, 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

DECEMBER 28, 2020
 INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 10:00	WSE @ 12:00	LWRP 2014	LWRP DIF @ 10:00	LWRP DIF @ 12:00
182	379.61	379.67	376.38	3.23	3.29
183	379.89	379.96	376.38	3.51	3.58



GAGE RECORD	
GPS OBSERVATION 1	L&O 27 LOWER
ZERO N.A.V.D.	349.49
MILE	185.0 (OLD CHANNEL)
LWRP 2014	376.38
ZB DEC 2020	30.48(800) 30.58(800) - 52(800) - 49(200)

U.S. ARMY ENGINEER DIVISION	Survey Date:	Reviewed by:
CORPS OF ENGINEERS	DECEMBER 28, 2020	X
ST. LOUIS, MISSOURI	Drawn by:	X
UPPER MISSISSIPPI RIVER BASIN	Checked by:	X
MISSISSIPPI RIVER	Submitted:	X
	Approved:	X

120 METERS
 400 FEET
 200
 0

PRE DREDGE SURVEY
 RIVER MILES 183.0 - 182.4

PLATE NUMBER
 XX
 SHEET 1 OF 1