

CHANNEL REPORT

BELOW 70,000 CFS

SAILING INSTRUCTIONS CONTAINED HEREIN ARE BASED UPON DISCHARGE OF LESS THAN 70,000 CUBIC FEET PER SECOND (C.F.S). DEPTHS LISTED ARE IN FEET BELOW WATER SURFACE SHOWN. THIS REPORT SHOULD BE USED IN CONJUNCTION WITH CORRECTED CORPS OF ENGINEER NAVIGATION MAPS, LATEST MISSISSIPPI RIVER SYSTEM LIGHT LIST (CG-161) VOLUME V, COAST GUARD LOCAL NOTICE TO MARINERS, AND CORPS OF ENGINEERS NOTICE TO NAVIGATION INTERESTS.

ISSUED BY:

CORPS OF ENGINEERS
RUSSELLVILLE SITE OFFICE
1598 LOCK AND DAM ROAD
RUSSELLVILLE, ARKANSAS 72802
ATTN: SURVEY SECTION



POOL 10

NAVIGATION POOL ELEV. 336

NUN DISCHARGE: 41,600
CAN DISCHARGE: 30,700

CFS @ TIME: 09:00 A.M.
CFS @ TIME: 03:22 P.M.

BY: SMITH

BOAT: S/V PEEVY
OPR: PORTER

NUN DATE: 01-13-25
CAN DATE: 01-13-25

THE INFORMATION DEPICTED ON THIS REPORT REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE(S) INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

NAV. MILE	MINIMUM DEPTH			WATER NUN ELEV.	WATER CAN ELEV.	SAILING INSTRUCTIONS	REMARKS
	NUN	C/L	CAN				
256.8	16.1		15.4	T/W @ LOCK #12		FROM LOCK 12 SHORT WALL (256.8LB) DOWN LB TO GUTHRIE ISLAND LT (255.0LB) PASSING 0 NUN & 2 CAN BUOYS.	Can buoy barely above water surface at 255.8 Day board at NM 255.0 needs new numbers
255.0				339.71	338.98		
255.0	18.0		16.7			FROM GUTHRIE ISLAND LT. (255.0LB) TO MOORES CREEK LT (253.8RB), PASSING HWM 254.1LB, 0 NUN & 1 CAN BUOYS.	Day board at NM 254.0 is gone
253.8				339.7	338.9		
253.8	15.1		13.7	W/S @ N.M. 251.7		FROM MOORES CREEK LT (253.8RB) DOWN SHAPE OF RIGHT BANK OF O'KANE ISLAND LT (248.5RB) PASSING HWM 248.8RB, 10 NUN & 1 CAN BUOYS.	Day board at NM 251.5 Top is missing and needs new numbers
248.5				339.5	338.9		
248.5	13.7		14.4	W/S @ N.M. 247.6		FROM O'KANE ISLAND LT (248.5RB) TO ALIX BOTTOM LT (247.4LB), PASSING 1 NUN & 1 CAN BUOYS.	Day board at NM 248.5 Top is Destroyed needs new numbers
247.4				339.3	338.9		
247.4	21.7		16.5			FROM ALIX BOTTOM LT (247.4LB) DOWN LB TO COUNTY LINE LT (246.8LB), PASSING 0 NUN & 1 CAN BUOYS.	Day board at NM 247.4 is gone Day board at NM 246.8 Destroyed
246.8				339.1	338.9		
246.8	15.7		15.1	W/S @ N.M. 246.2		FROM COUNTY LINE LT (246.8LB) TO KALAMAZOO LT (245.8LB), PASSING 1 NUN & 2 CAN BUOYS.	Day board at NM 246.3 Destroyed
245.8				339.0	338.9		
245.8	20.3		18.2			FROM KALAMAZOO LT (245.8LB) DOWN RIGHT BANK TO McCLEAN BOTTOM LT (244.7RB), PASSING 2 NUN & 0 CAN BUOYS.	Nun Buoy barely above water surface at NM 345.6 Day board at NM 245.8 need new numbers
244.7				339.0	338.9		
244.7	19.7		14.4	W/S/ @ N.M. 244.1		FROM McCLEAN BOTTOM LT (244.7RB) TO McCLEAN CUTOFF LT (243.5LB), PASSING HWM 244.1RB, 3 NUN & 0 CAN BUOYS.	Day board at NM 244.7 need new numbers
243.5				339.0	338.9		
243.5	18.6		12.9	W/S @ N.M. 242.5		FROM McCLEAN BOTTOM CUTOFF LT (243.5LB) DOWN LB TO HARTMAN BOTTOM LT (241.9LB), PASSING 0 NUN & 5 CAN BUOYS.	Day board at NM 243.5 and NM 241.9 need new numbers
241.9				338.8	338.9		

NAV. MILE	MINIMUM DEPTH			WATER NUN ELEV.	WATER CAN ELEV.	SAILING INSTRUCTIONS	REMARKS
	NUN	C/L	CAN				
241.9	12.1		13.9	W/S @ N.M. 240.8		FROM HARTMAN BOTTOM LT (241.9LB) TO SIX MILE CREEK LT (240.6RB), PASSING HWM 241.0LB, 2 NUN & 2 CAN BUOYS.	Day board at NM 240.6 need new numbers
240.6				338.6	338.6		
240.6	13.1		12.0	W/S @ N.M. 239.3		FROM SIX MILE CREEK LT (240.6RB) TO SCRANTON LT (236.9RB), PASSING HWM 239.8LB, 10 NUN & 2 CAN BUOYS.	Day board at NM 239.3 is gone
236.9				338.4	338.4		
236.9	16.3		16.8	W/S @ N.M. 236.3		FROM SCRANTON LT (236.9RB) TO TICK HILL LT (235.2LB), PASSING HWM 236.3RB, HWM 235.4RB 3 NUN & 2 CAN BUOYS.	
235.2				338.2	338.2		
235.2	19.7		16.6	W/S @ N.M. 235.2		FROM TICK HILL LT (235.2LB) TO HORSEHEAD CREEK LT (234.1LB), PASSING THROUGH CHANNEL SPAN OF HWY 109, 0 NUN & 1 CAN BUOYS.	Day board at NM 235.2 need new numbers
234.1				338.0	337.9		
234.1	11.5		14.0	W/S @ N.M. 232.5		FROM HORSEHEAD CREEK LT (234.1LB) TO CANE CREEK LT (232.5RB), PASSING 3 NUN & 3 CAN BUOYS.	Day board at NM 234.2 is gone
232.5				338.0	337.9		
232.5	7.3		19.9			FROM CANE CREEK LT (232.5RB) DOWN RIGHT BANK TO RAGON MT. LT (230.6RB), PASSING 5 NUN & 0 CAN BUOYS.	Don't run reds;Have not been moved
230.6				338.0	337.9		
230.6	15.4		16.2	W/S @ N.M. 229.7		FROM RAGON MT. LT (230.6RB) TO 100 YDS OPEN ON SPADRA CREEK LT (228.9LB), PASSING 3 NUN & 1 CAN BUOYS.	
228.9				338.0	337.9		
228.9				W/S @ N.M. 228.9		FROM 100 YDS OPEN ON SPADRA CREEK LT	

227.2	30.2		14.1			(228.9LB) TO 100 YDS OPEN ON CUBA BOTTOM LT (227.2LB), PASSING 3 NUN & 7 CAN BUOYS.	
227.2				338.0	337.9		
227.2	13.7		13.2	W/S @ N.M.	227.2	FROM 100 YDS OPEN ON CUBA BOTTOM LT (227.2LB) HOLD DOWN ON DUBLIN LT (224.7RB), PASSING 6 NUN & 5 CAN BUOYS.	
224.7				338.0	337.9		
224.7	17.4		14.1	W/S @ N.M.	224.2	WHEN 800 YDS ABOVE DUBLIN LT (224.7RB) HOLD DOWN SLOWLY TO 200 YDS OFF MUD CREEK LT (223.0RB), PASSING 4 NUN & 2 CAN BUOYS.	2 Can buoys out of place Day board at NM 223.9 is gone
223.0				338.0	337.9		
223.0	11.8		11.3	W/S @ N.M.	223.0	FROM 200 YDS OFF MUD CREEK LT (223.0RB) PULL DOWN TO 100 YDS COLLINS SHOALS LT (221.7LB), PASSING 10 NUN & 6 CAN BUOYS.	Place additional Nun buoy at NM 221.7 to keep ships from grounding in the channel
221.7				338.0	337.9		
221.7	32.2		27.4			FROM 100 YDS OFF COLLINS SHOALS LT 221.7LB TO 200 YDS OFF SHOAL CREEK LT (220.1RB), PASSING 1 NUN & 1 CAN BUOYS.	
220.1				338.0	337.9		
220.1	24.4		24.4			FROM 200 YDS ABOVE SHOLE CREEK LT 221.0RB TO 200 YDS ABOVE PINEY CREEK LT (216.9LB) PASSING 4 NUN & 0 CAN BUOYS.	
216.9				338.0	337.9		
216.9	29.3		30.3			FROM 400 YDS ABOVE PINEY CREEK LT 216.9LB DOWN SHAPE OF LB 200 YDS OUT TO LONDON LT (213.9LB), PASSING 0 NUN & 2 CAN BUOYS.	
213.9				338.0	337.9		
213.9	23.3		28.1			FROM 200 YDS OPEN ON LONDON LT (213.9LB) TO 200 YDS OPEN ON DELWARE LT (211.7RB), PASSING 3 NUN & 2 CAN BUOYS.	
211.7				338.0	337.9		
211.7	12.2		12.4			FROM 200 YDS OPEN ON DELAWARE LT 211.7RB TO 300 YDS OFF HICKERSON HOLLOW LT 209.7RB PASSING 3 NUN & 3 CAN BUOYS.	
209.7				338.0	337.9		
209.7	15.0		17.8			FROM 300 YDS OFF HICKERSON HOLLOW LT (209.7RB) TO 400 YDS ABOVE RUSSELLVILLE LT (208.0LB), PASSING 3 NUN & 2 CAN BUOYS.	
208.0				338.0	337.9		
208.0	34.5		28.7	H/W @ LOCK #10		FROM 400 YDS ABOVE RUSSELLVILLE LT 208.0LB DOWN SHAPE OF LB 100 YDS OUT TO LOCK & DAM 10 (205.5), PASSING 0 NUN & 0 CAN BUOYS.	
205.5				337.98	337.9		

MINIMUM DEPTH OF CHANNEL AT LOW POOL (ELEV. 336.0)

NAV. MILE	MINIMUM DEPTH		
	NUN	C/L	CAN
256.8	12.4	-	12.4
255.0			
255.0	14.3	-	13.8
253.8			
253.8	11.6	-	10.8
248.5			
248.5	10.4	-	11.5
247.4			
247.4	18.6	-	13.6
246.8			
246.8	12.7	-	12.2
245.8			
245.8	17.3	-	15.3
244.7			
244.7	16.7	-	11.5
243.5			
243.5	15.8	-	10.0
241.9			

NAV. MILE	MINIMUM DEPTH		
	NUN	C/L	CAN
241.9	9.5	-	11.3
240.6			
240.6	10.7	-	9.6
236.9			
236.9	14.1	-	14.6
235.2			
235.2	17.7	-	14.7
234.1			
234.1	9.5	-	12.1
232.5			
232.5	5.3	-	18.0
230.6			
230.6	13.4	-	14.3
228.9			
228.9	28.2	-	12.2
227.2			
227.2	11.7	-	11.3
224.7			

NAV. MILE	MINIMUM DEPTH		
	NUN	C/L	CAN
224.7	15.4	-	12.2
223.0			
223.0	9.8	-	9.4
221.7			
221.7	30.2	-	25.5
220.1			
220.1	22.4	-	22.5
216.9			
216.9	27.3	-	28.4
214.0			
214.0	21.3	-	26.2
211.7			
211.7	10.2	-	10.5
209.7			
209.7	13.0	-	15.9
208.0			
208.0	32.5	-	26.8
205.5			