

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 7

LOW POOL ELEV. 249.0
 NUN DISCHARGE: 10,000
 CAN DISCHARGE: 10,000
 CFS @ TIME: 01:25 P.M.
 CFS @ TIME: 10:35 A.M.

BY: BOAT: S/V PEEVY OPER: NUN DATE: 12-05-22
 CAN DATE: 12-05-22

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				
155.9 154.5	10.4		12.8	T/W @ LOCK #8 249.62	249.60	DOWN SHAPE OF LEFT SHORELINE & DIKE BELOW LOCK & DAM 8 TO BELK CORNER LT (154.5LB) PASSING 0 NUN & 0 CAN BUOYS.	
154.5 151.9	17.6		18.6	W/S @ N.M. 152.5 249.6	249.6	FROM BELK CORNER LT (154.5LB) DOWN SHAPE OF LEFT SHORELINE TO STANLEY BAR LT. (151.9LB), PASSING HWM 154.3LB, HWM 152.8RB, HWM 152.1RB, 0 NUN & 4 CAN BUOYS.	
151.9 150.6	14.9		14.8	W/S @ N.M. 150.9 249.6	249.6	FROM STANLEY BAR LT (151.9LB) TO HICKMAN BEND LT (150.6RB), PASSING HWM 151.4RB, HWM 150.9LB, 2 NUN & 2 CAN BUOYS.	
150.6 146.8	12.5		13.6	W/S @ N.M. 148.4 249.5	249.5	FROM HICKMAN BEND LT (150.6LB) DOWN SHAPE OF RIGHT SHORELINE TO BIGLOW LOWER LT (146.8RB), PASSING HWM'S 150.1LB, 149.8LB, 149.4RB, 149.1LB, 149.0RB, 147.6LB, 147.3RB, 147.8RB, 6 NUN & 0 CAN BUOYS.	
146.8 143.2	11.3		12.7	W/S @ N.M. 146.2 249.5	249.5	FROM BIGELOW LOWER LT (146.8RB) DOWN SHAPE OF RIGHT SHORELINE TO TRI-COUNTY LT (143.2RB), PASSING HWM 146.1RB, 8 NUN & 3 CAN BUOYS.	
143.2 141.8	9.6		10.8	W/S N.M. 142.6 249.5	249.5	FROM TRI-COUNTY LT (143.2RB) TO BENEDICT REACH LT(141.8LB), PASSING HWM 142.5RB, 1 NUN & 3 CAN BUOYS.	
141.8 140.5	14.4		11.1	W/S N.M. 141.3 249.4	249.4	FROM BENEDICT REACH LT (141.8LB) DOWN SHAPE OF LEFT SHORELINE TO BEAVER DAM CREEK LT (140.5LB), PASSING HWM 141.4RB, 1 NUN & 4 CAN BUOYS.	

NAV. MILE	MINIMUM DEPTH			WATER	WATER	SAILING INSTRUCTIONS	REMARKS
	NUN	C/L	CAN	NUN ELEV.	CAN ELEV.		
140.5 139.5	15.9		12.1	249.4	249.4	FROM BEAVER DAM CREEK LT (140.5LB) DOWN SHAPE OF LEFT SHORELINE TO DEVILS BEND LT (139.5LB), PASSING 0 NUN & 1 CAN BUOYS.	
139.5 138.4	18.6		13.4	249.4	249.4	FROM DEVILS BEND LT (139.5LB) TO ROLAND LT (138.4RB), PASSING HWM 138.7LB, 2 NUN & 2 CAN BUOYS.	
138.4 137.3	16.2		14.6	249.4	249.4	FROM ROLAND LT (138.4RB) TO FLETCHER BEND LT (137.3LB), PASSING HWM 138.7LB, 2 NUN & 1 CAN BUOYS.	
137.3 136.2	19.4		12.6	W/S @ N.M. 136.9 249.4	249.4	FROM FLETCHER BEND LT (137.3LB) DOWN SHAPE OF LEFT SHORELINE DIKES TO 75 YDS OPEN ON PALARM LT (136.2LB), PASSING 1 NUN & 3 CAN.	
136.2 134.4	14.8		14.8	W/S @ N.M. 135.4 249.3	249.3	FROM 75 YDS OPEN ON PALARM LT (136.2LB) TO MILL BAYOU LT (134.4RB), PASSING 3 NUN & 1 CAN BUOYS.	
134.4 133.0	21.3		28.7	W/S @ N.M. 133.7 249.3	249.3	FROM MILL BAYOU LT (134.4RB) DOWN SHAPE OF RIGHT SHORELINE & SUBMERGED DIKE (CAUTION: CAN BUOYS MARK SUBMERGED DIKE) TO MAUMELLE RIVER LT (133.0RB), PASSING HWM 134.0RB, 133.7RB, MAUMELLE RIVER UPPER D/M (133.5RB), 4 NUN & 0 CAN BUOYS.	
133.0 131.5	17.6		19.2	W/S @ N.M. 131.6 249.3	249.3	FROM MAUMELLE RIVER LT (133.0RB) TO RECTOR BREAK LT (131.4LB), PASSING HWM 131.6RB, 2 NUN & 1 CAN BUOYS.	
131.5 130.1	16.3		13.9	W/S @ N.M. 130.7 249.3	249.3	FROM RECTOR BREAK LT (131.4LB) TO PENAL FARM LT (130.1RB), PASSING HWM'S 131.3RB, 130.7LB, 130.6LB, 130.1LB, 2 NUN & 4 CAN BUOYS	
130.1 127.7	18.6		19.7	W/S @ N.M. 128.8 249.3	249.3	FROM PENAL FARM LT (130.1RB) TO ROSENBAUM LT (127.7LB), PASSING 6 NUN & 4 CAN BUOYS.	
127.7 126.6	20.6		14.6	W/S @ N.M. 127.2 249.3	249.3	FROM ROSENBAUM LT (127.7LB) TO THE CHANNEL SPAN OF I-430 (126.6), PASSING HWM 127.3RB, 2 NUN & 2 CAN BUOYS.	
126.6 125.4	21.6		16.2	H/W @ LOCK #7 249.30	249.30	FROM THE CHANNEL SPAN OF I-430 (126.6) TO LOCK & DAM 7, PASSING TEMP. MOORING FACILITIES, HWM'S 125.9RB, 125.5RB, 2 NUN & 0 CAN BUOYS.	

MINIMUM DEPTH OF CHANNEL AT LOW POOL (ELEV 249.0)

NAV. MILE	MINIMUM DEPTH		
	NUN	C/L	CAN
155.9	9.8	-	12.2
154.5			
154.5	17.0	-	18.0
151.9			
151.9	14.3	-	14.2
150.6			
150.6	12.0	-	13.1
146.8			
146.8	10.8	-	12.2
143.2			
143.2	9.1	-	10.3
141.8			

NAV. MILE	MINIMUM DEPTH		
	NUN	C/L	CAN
141.8	14.0	-	10.7
140.5			
140.5	15.5	-	11.7
139.5			
139.5	18.2	-	13.0
138.4			
138.4	15.8	-	14.2
137.3			
137.3	19.0	-	12.2
136.2			
136.2	14.5	-	14.5
134.4			

NAV. MILE	MINIMUM DEPTH		
	NUN	C/L	CAN
134.4	21.0	-	28.4
133.0			
133.0	17.3	-	18.9
131.5			
131.5	16.0	-	13.6
130.1			
130.1	18.3	-	19.4
127.7			
127.7	20.3	-	14.3
126.6			
126.6	21.3	-	15.9
125.4			