



NAVIGABLE WATERWAYS,  
MISSISSIPPI VALLEY DIVISION



WATERWAY	MILES OF PROJECT CHANNEL	PROJECT DIMENSIONS	HEAD OF NAVIGATION	REMARKS
Mississippi River, III. - Mo.	0 - 195.0	Cario to St. Louis (Mi. 191), 9 ft. deep; 300 ft. wide; St. Louis to Mouth Missouri River (Mi. 195), 9 ft. deep, 200 ft. wide.		Cario to Mouth of Missouri River: Project depth and width maintained by dredging as necessary during low water. Increased depths available during higher river stages. Navigation channel marked by buoys, shore lights, and day marks.
Chain of Rocks Canal, Lock & Dam	184 - 194	Main lock 110 ft. x 1200 ft. Auxiliary lock 110 ft. x 600 ft. Canal controlling depth over 9 ft.		Bypasses Chain of Rocks reach of Mississippi River.
Mississippi River, III. - Mo.	195.0 - 301.0	Mouth Missouri River - Lock and Dam No. 22; 9 ft. deep; adequate width.		Navigation channel marked by buoys, shore lights, and day marks.
Illinois Waterway, III.	0 - 80.15	Mouth Illinois River - Mi. 89.15. 9 ft., deep; 300 ft. wide (9-ft. depth maintained).		Illinois River - Mi. 80.15. 9-ft. minimum depth maintained; 300 ft. minimum width maintained. Navigation channel marked by buoys, shore lights, and day marks.
Kaskaskia River, III.	0 - 36.2	Mouth to Fayetteville, II. (mile 36.2) Lock 84 ft. x 600 ft. 9 ft. deep; 225 ft. wide.	Grade Control Structure 36.0 miles above mouth.	Navigation pool maintained at elevation 368.0 ft. N.G.V.D. Navigation channel marked by day marks.
Missouri River*, Kan. - Mo. - Iowa - Neb.	0 - 762.5	Mouth - Sioux City, 9 ft. deep; 300 ft. wide.		Mouth to Kansas city - A channel 6 1/2 to 7 ft deep and 200 ft. wide is available throughtout the navigation season, 15 March to 30 November. A 6-foot channel available between Kansas City and Omaha, Nebraska.
Ohio River**, Ky., - III., Ind. - Ohio - Penn.	0 - 974	Mouth - Pittsburgh 9 ft. deep.		Mouth Ohio River - Pittsburgh, 9-ft. minimum depth maintained; controlling depth on miter sill Lock & Dam No. 13, McMechen, W. Va., 9.5ft. Navigation channel marked by buoys, shore lights and day marks.
MISSISSIPPI RIVER, Mo., III., Ky., Tenn., Ark., Miss., and La.	955.8 - 233.4 233.4 - 104.0 104.0 - 86.7 86.7 - 0 0 - 14.2 B.H.P. 0 - 21.2 B.H.P.	Cairo - Baton Rouge; 12 ft. deep, 300 ft. wide. Baton Rouge to New Orleans; 45 ft. deep, 500 ft wide. Port Limits of New Orleans; 45 ft. deep by 750 ft. wide channel within limits of the 35 ft. deep by 1500 ft. wide channel. New Orleans to Head of Passes; 45 ft. deep by 750 ft. wide. Head of Passes to Mouth of South Pass. 30 ft. deep by 450 ft. wide. 30 ft. deep by 600 ft. wide over bar. Head of Passes - Mouth of Southwest Pass. 45 ft. deep by 750 ft. wide with 45 ft. deep by 600 ft. wide over bar.		Cario to Baton Rouge, 9-ft. depth maintained by dredging during low water, increased depths available during higher river stages. Navigation channel marked by buoys, lights and day marks.  Maintained to 17 feet.
Wolf River, (Memphis Harbor) Tenn.	0 - 3	Project (based on modification of previous project as provided in 1958 Flood Control Act) provides for a channel 9 ft. deep at low water from mouth to Mi. 3 with bottom widths of 250 ft. from Keel Ave. (Mi. 1.75) and 200 ft. from Kell Ave. to Mi. 3.		9 feet at low water maintained from harbor mouth to Mi. 3 near North Second Stree (closure dam).
◦St. Francis River, Ark.	0 - 45	None	Mouth of Round Pond Cutoff, 45 miles above mouth.	During low water period, depths do not exceed 1 to 2 feet.
White River, Ark.	0 - 169	None	Branson, Mo., 520 miles above mouth.	Mouth to Peach Orchard Bluff, Ark., a navigable depth of more than 4.5 feet for 8 months and less than 4.5 feet for 4 months.
Arkansas and Verdigris Rivers, Ark., Okla.	0 - 72.5 (1) 72.5 - 436.6 (2)	Channel widths are generally 300 feet on the White River and Arkansas Post Canal, 250 feet on the Arkansas River and 150 feet on the Verdigris River. The channel has a minimum depth of 9 feet throughout.	Catoosa, Oklahoma on the Verdigris River. Mouth of White to entrance to Arkansas and Vedigris Rivers, 386.3 Mi., to Catoosa, Oklahoma, 436.6 Mi.	Navigation channel marked by buoys, shore lights and day marks. There are 17 locks, 12 in Arkansas and 5 in Oklahoma. All lock chambers are 110 feet wide by 600 feet long.
Yazoo River	0 - 188.1	A 9 ft. depth is presently available about 5 months, with controlling depths of 3 to 4 feet over the bars during low water periods.	Confluence Yalobusha and Tallahatchie Rivers, Mi. 188.1.	A 9-foot minimum depth by 150-foot minimum width channel is authorized from the mouth of Greenwood, Miss. Construction of the authorized project has not been initiated.
Big Black River, Miss.	0 - 71.9	None	Illinois Central RR Bridge, Mi 71.9.	Between January and June the depth will exceed 4 ft., remainder of year controlling depth is 1 to 2 ft.
Red River, Waterway, La., Tex., Ark., Okla.	0 - 294	9' x 200' channel Miss. River to Shreveport, La. and thence to Dangerfield, Tex. via Twelvemile and Cypress Bayous.	Dangerfield, Tex., Mi. 373	Maximum stages from spring floods on the Red River are 61.6 feet above Mean Sea Level at Old River and 169.8 feet above Mean Sea Level at Shreveport.
Overton - Red River Waterway Lower 31 Miles, La.	0 - 31	Authorized Project 9 ft. by 200 ft.	Mouth of Black River, Mi.	The planned route of the lower thirty-one miles of the Red River provided a navigable channel 9 ft. deep and 200 ft. wide for barge traffic, with complementary bank stabilization, from the junction of Mississippi and Old Rivers to Mile 31 of the Red River.
Ouachita and Black Rivers, La., Ark.	0 - 417.1	9 ft. deep by 100 ft. wide Mi. 0 - 351.0 (1939 Mileage). Width of lock chambers, 55 ft. (Lock Nos. 6 and 8), 84 ft. (Columbia and Jonesville Locks).	Arkadelphia, Ark., Mi. 417.1	6.5 ft. depth maintained from Sterlington, La., Mi. 208 to Camden, Ark., Mi. 351 by locks and dams and low water dredging. Authorized Project 9 ft. by 100 ft. has been completed to Sterlington, La. Locks are under construction to complete authorized project to Camden, Ark. Mile 351 to Mile 417.1 are navigable only during high stages.

\* Missouri River Division

\*\* Ohio River Division

◦ Mileage and navigation has changed on the St. Francis River due to numerous cutoffs. Different versions as to mileage, etc., are in existence.

(1) Mileage in LMVD.

(2) Mileage in SWD.



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Atchafalaya River, La. (Miss River to Morgan City)	123.0	12 ft. deep and 125 ft. wide from Mississippi River, Mi. 304 AHP to Morgan City, La.	Connects with Mississippi River, via Old River Lock Opposite Angola, La., (Mi. 304 AHP).	Project completed February 1956. 12.0 ft. depth maintained.
(Morgan City to Gulf of Mexico)	33.5	20 ft. deep and 200 ft. wide, from -20 ft. contour in Atchafalaya Bay to -20 ft. contour in Gulf of Mexico.		The 20 foot contour in Gulf of Mexico is located 25 miles from mouth of river.
Intracoastal Waterway Gulf Section	302.4 (via Harvey Lock) 303.5 (via Algiers Lock) 64.1 (to Port Allen Lock) 9.0 (to Plaquemine Lock)	Lake Borgne Lt. No. 29 to New Orleans, La., 12 ft. deep x 150 ft. wide; Harvey Canal, 12 ft. deep x 125 ft. wide; Mississippi River via Algiers Lock (New Orleans, La.), via Houma By-Pass to Lower Atchafalaya River (Morgan City, La.) 16 ft. x 150 ft. wide; Morgan City, La. to Sabine River, 16 ft. x 200 ft. wide.		Plaquemine Lock was permanently closed to navigation on 29 September 1961. Operation of the highway and railroad bridges immediately downstream from the lock was discontinued as of the same date. A channel of interim section (8ft. by 50 ft.) connects with Franklin, La. (5.8 miles) Work has not been initiated on enlarging the existing 12' x 125' channel to 16' x 150' and 16' x 200' between Mississippi River via Algiers Lock (New Orleans, La.) to Sabine River.
Baton Rouge Harbor (Devil's Swamp)	5.0	12 ft. deep and 300 ft. wide.	2.5 Miles above mouth at Mississippi River.	The harbor is completed to Mi. 2.5 and maintained to a depth of -12.0 M.L.W. and 150 ft. interim width. The harbor is to be extended to Mi. 5.0 when and as needed.
Waterway from Intracoastal Waterway to Bayou Dulac (Bayous Grand Cailou and Le Carpe, La.)	16.3	Bayou Grand Caillou, 5 ft. deep and 40 ft. wide; * Bayou Le Cape, 10 ft. deep and 45 ft. wide.	Confluence of Bayou Le Carpe at Gulf Intracoastal Waterway (1.5 miles south-east of Houma, La.)	
Houma Navigation Canal, La.	40.5 with 14.5 miles in Terrebonne Bay	15 ft. deep and 150 ft. wide; Cat Island Pass 18 ft. deep and 300 ft. wide.	Confluence of Houma Navigation Canal and Gulf Intracoastal Waterway (Approx. Mile 59.6, west of Harvey Lock).	
The Inland Waterway (From Franklin to the Mermentau River, La.)	90	Depth 5 ft., width 40 ft.		Hanson Canal and Lock, between Bayou Teche and G.I.W.W., donated in fee to St. Mary Parish Police Jury. Other portions of project replaced by G.I.W.W. and Mermentau River, La., Project.
The Inland Waterway (From Vermilion Bay, La. to Mermentau River, La.)	47.6	Depth 5ft., width 40 ft.		
Bayous Petit Anse Tigre and Carlin, La.	16.1	Bayou Petit Anse, 9 ft. deep by 80 ft. wide; McIlhenny Canal (Avery Canal), 7 ft. deep by 60 ft. wide; Bayou Carlin, 9 ft. deep by 80 ft. wide. Mooring area 9 ft. deep by 1300 ft. long, width varying from 125 ft. to 200 ft. along right bank of Bayou Carlin below the south edge of Delcambre, La.	Bayou Petit Anse at Highway bridge north of Avery Island, La., 9.1 miles to Vermilion Bay. 0 mile is at Intercoastal Waterway; Bayou Carlin at Lake Peigneur 1.5 miles north of Delcambre, La., 7.6 miles to mouth of Bayou Petit Anse.	
Bayou Teche and Vermilion River, La.	51.0	Bayou Teche; Mi. 0 to 54.4, Mouth to New Iberia 8 ft. deep, 80 ft. wide; Mi. 54.5 to 72.5, New Iberia to Keystone Lock, 6 ft. deep, 60 ft. wide; Mi. 72.5 to 106.5, Keystone Lock to Arnaudville, 6 ft. deep, 50 ft. wide. Vermilion River: 8 ft. deep and 80 ft. wide from Vermilion Bay to the Intracoastal Waterway; 9 ft. deep and 100 ft. wide from Intracoastal Waterway to Mi. 52 at Lafayette, La.	McIlhenny Canal (Avery Canal) at Intracoastal Waterway (mi. 0) to Vermilion Bay (Mi. 2).  Mi. 52.0, Lafayette, La.	
Mermentau River, La. (Above G.I.W.W.)	34.0	9-ft. by 100-ft. channel, junction of Bayous Des Cannes and Nezpique to the Intracoastal Waterway, Gulf Section.	Junction of Bayou Des Cannes and Nezpique, 2.25 miles above Mermentau, La.	12' x 125' & 200' authorized.
Freshwater Bayou, La. Channel	19.85 3.22 Mi. Bar Channel	Channel 12 ft. deep and 125 ft. wide from the Gulf Intracoastal Waterway at mile 161.2 west of Harvey Lock to the 12 foot depth contour in the Gulf of Mexico with increased width to 250 feet in the Gulf approach as may be found advisable; jetties from the shoreline to the 6 foot depth contour in the Gulf of Mexico; and a lock 84 ft. wide and 600 ft. long near the Gulf of Mexico.	Junction with Gulf Intracoastal Waterway (mile 161.2 west of Harvey Lock).	Freshwater Bayou Lock opened to navigation 27 July 1968.
Calcasieu River and Pass, La.	122.5	Channel 35 ft. deep by 250 ft. wide from vicinity of U. S. Highway 90 to the wharves at Port of Lake Charles. Channel 40 ft. deep by 400 ft. wide from the wharves at Lake Charles to the jettied channel at Gulf of Mexico, including Clooney Island Loop, 40 ft. x 400 ft., and Coon Island Ship Channel 40 ft. x 200 ft. Channel 43 ft. deep by 800 ft. wide from the jettied channel to the 42 ft. depth contour in the Gulf of Mexico.	Phillips Bluff, La., 85.9 miles to mouth in the Gulf of Mexico.	



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Lake Charles Deep Water Channel, La.	24.9	30 ft. deep and 125 ft. wide	Navigable throughout; Mi. 266.0 (G.I.W.W. mileage) at Sabine River south of Orange, Texas.	
Waterway from Empire, La., to the Gulf of Mexico	10.0	9 ft. deep and 80 ft. wide	Mi. 29.5 A.H.P. (Mississippi River mileage) 10 miles above Gulf of Mexico shore line.	
Grand Bayou Pass, La.	--	6 ft. deep and 60 ft. wide entrance bar Gulf of Mexico.		
Barataria Bay Waterway, La.	43.6	Project authorized by River and Harbor Act July 1958. Provides for a 125 ft. by 12 ft. channel from G.I.W. to Grand Isle, and thru Barataria Pass with extension for 4.3 mi., 12 ft x 250 ft. bar entrance channel from Barataria Pass along N. side of Grand Isle thru B. Rigaud.	Junction of Bayou Villars and Bayou Barataria with the Gulf Intracoastal Waterway (Vic. Mile 115.0)	
Mississippi River Gulf Outlet, La.		36 ft. deep and 500 ft. wide to Chandeleur Islands, thence increasing to 38 ft. deep and 600 ft. to the 38 ft. contour in the Gulf of Mexico.		Modification of the Mississippi River - Baton Rouge to the Gulf of Mexico project provides for a tidewater channel from the Inner Harbor Navigation Canal at New Orleans extending southeast as a land and water cut to and through Chandeleur Sound and Islands to the 38 ft. contour in the Gulf of Mexico.
Mississippi River Outlets, Venice, La. (Tiger Pass)		14-ft. deep 150-ft wide to the jettied channel at the Gulf of Mexico (approximately mile 12.5), thence increasing to 16-ft. deep and 250-ft. wide to the 16-ft. contour in the Gulf of Mexico.	Head at Mississippi River, Mile 10.0 A.H.P. (Mississippi River Mileage).	
Mississippi River Outlets, Venice, La. (Baptiste Collette)		14-ft. deep and 150-ft. wide to the jettied channel at Gulf of Mexico (approximately mile 6.0), thence increasing to 16-ft. deep and 250-ft. wide to the 16-foot contour in the Gulf of Mexico.	Head at Mississippi River Mile 11.5 A.H.P. (Mississippi River Mileage).	