

DEPARTMENT OF THE ARMY
GALVESTON DISTRICT, CORPS OF ENGINEERS
P.O. BOX 1229
GALVESTON, TEXAS 77553-1229

MARCH 2012
HYDROGRAPHIC BULLETIN

CHANNELS WITH PROJECT DEPTHS UNDER 25 FEET

A report of the depths available for navigation in the Federal Project Waterways of the Galveston District

★ Indicates changes from previous report

● Indicates dredging under contract

★● Indicates changes from previous report and dredging under contract

Distances are in statute miles

Depths are based on Corps of Engineers mean low tide datum

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PROJECT DIMENSIONS

PROJECT CONDITIONS

Shallow Draft Channels	Date of Survey	Feet Width	Miles Length	Feet Depth	Left 1/4 Channel (Feet)	Middle 1/2 Channel (Feet)	Right 1/4 Channel (Feet)	Symbols
								★●☆
Gulf Intracoastal Waterway Main Channel								
Port Arthur - High Island (GIWW continues thru Sabine River)	21-Jun-11	125	53.1	12	3.6	7.9	8.3	☐
High Island - Galveston Bay	19-Nov-11	125	30.0	12	8.6	10.9	8.9	☐
Across Galveston Bay	19-Nov-11	125	7.2	12	8.9	11.5	11.5	☐
Alternate Route via Galv. Ch. (Reopened)	21-May-11	125	10.3	12	9.0	9.0	10.0	☐
Galveston Bay - Chocolate Bayou	7-Dec-11	125	19.0	12	10.1	11.7	14.2	☐
Chocolate Bayou - Freeport Harbor	22-Nov-10	125	19.0	12	10.3	11.2	9.4	☐
Freeport Harbor - Brazos River	6-Aug-11	125	5.9	12	3.2	6.6	9.8	☐
Brazos River Crossing	2-Aug-11	125	0.7	12	8.9	9.1	6.0	☐
Brazos River - San Bernard River	7-Aug-11	125	4.0	12	5.0	9.6	12.1	☐
San Bernard to Colorado River	27-Oct-11	125	35.6	12	9.3	9.8	9.0	☐
Colorado River Crossing	13-May-11	125	1.0	12	13.0	14.0	13.0	☐
Colorado River - Matagorda Bay (Mile 461.6 WHL)	13-May-11	125	20.1	12	4.0	3.0	3.0	☐
Mile 461.6 - Port O'Connor	2-May-07	125	11.1	12	5.0	5.5	9.3	☐
Natural Bay Bottom	14-Mar-11	125	0.0	12	6.0	10.8	10.5	☐
Port O'Connor - San Antonio Bay	27-Nov-10	125	19.0	12	12.0	14.0	10.0	☐
Across San Antonio Bay	5-Jun-11	125-235	8.6	12	15.0	15.0	15.0	☐
San Antonio Bay - Aransas Bay (Light 1)	21-Dec-10	125	10.4	12	5.0	11.5	11.0	☐
Across Aransas Bay	28-Sep-10	125	13.8	12	16.0	16.0	16.0	☐
Aransas Bay to Corpus Christi Ship Channel	19-Mar-10	125	14.4	12	4.8	11.0	9.0	☐
Alternate Route via Lydia Ann Channel:								
Aransas Bay 49 to Light 83	17-Mar-10	125	7.9	12	10.4	11.3	12.3	☐
Light 83 to Corpus Christi Ship Channel	17-Mar-10	125	3.8	12	9.4	8.5	7.6	☐
Corpus Christi Ship Channel to S. Bird Island	8-Mar-11	125	25.2	12	8.0	11.0	10.5	☐
S. Bird Island to Light 175	17-Mar-11	125	22.5	12	7.0	11.0	10.0	☐
Light 175 - Banderia Island	28-Apr-10	125	21.6	12	8.9	10.3	11.4	☐
Banderia Island - Channel to Port Mansfield	5-May-10	125	23.2	12	12.1	11.8	10.0	☐
Channel to Port Mansfield - Arroyo Colorado	21-May-10	125	14.5	12	12.8	13.4	12.6	☐
Arroyo Colorado - Port Brownsville	21-Jan-11	125	37.6	12	6.2	5.9	5.2	☐

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								★●☆
Gulf Intracoastal Waterway Tributary Channels								
Adams Bayou Channel								
Channel	21-Jun-11	100	1.6	12	9.9	3.2	5.0	☐
Double Bayou								
4.1 Miles in Bay to Mouth of Bayou	26-May-10	125	4.1	7	0.0	1.0	4.0	☐
Mouth of Bayou to 2 Miles above Mouth	26-May-10	100	2.0	7	1.0	3.0	3.0	☐
Cow Bayou Channel								
Channel	21-Jun-11	100	7.1	13	6.9	6.9	8.4	☐
Orangefield Turning Basin	21-Jun-11	300	0.1	13	8.9	8.4	5.6	☐
Offatts Bayou Channel								
Channel	15-Mar-10	125	2.2	12	5.1	6.1	4.5	☐
Chocolate Bayou Channel								
Bay Channel	9-Jul-11	125	5.6	12	13.7	14.1	13.3	☐
Land Cut	9-Sep-11	125	2.9	12	11.1	14.1	13.6	☐
San Benard River Channel								
Mile 0 to Milw 0.5	11-May-11	1032-100	0.5	9	7.8	3.0	3.6	☐
Mile 0.5 to Mile 3.75	11-May-11	100	3.3	9	8.5	7.4	4.4	☐
Mile 3.75 to Mile 8.0	11-May-11	100	4.3	9	6.5	7.3	5.0	☐
Mile 8.0 to Milw 20.5	11-May-11	100	12.5	9	10.0	6.7	5.7	☐
Mile 20.5 to Mile 25.2	2-Sep-10	100	4.7	9	2.6	5.6	3.7	☐
Mile 25.2 to Mile 26.0	4/15/94	100	0.0	9	n/a	9.0	n/a	☐
Mouth Of The Colorado River								
Mile 0 (Gulf) to Mile 0.8	5/17/11	200	0.8	15	12.4	12.3	11.2	☐
Mile 0.8 to Mile 2.5	5/17/11	100	1.7	12	7.8	5.2	2.2	☐
Mile 2.5 to Mile 7.11 (GIWW)	5/18/11	100	4.6	12	8.3	9.4	5.7	☐

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								★●⊠
Colorado River Channel								
By-Pass Channel	5/17/2011	100	0.9	9	13.4	6.5	0.5	⊠
Mile 0 (GIWW) to Mile 2	10/13/2011	100	2.0	9	10.1	10.1	9.1	★
Mile 2 to Mile 8	10/13/2011	100	6.0	9	7.9	7.9	8.5	★
Mile 8 to Mile 13.5	10/15/2011	100	5.5	9	5.9	5.3	4.0	★
Mile 13.5 to Mile 15.5	10/16/2011	100	2.0	9	5.8	5.1	3.5	★
Turning Basin	10/16/2011	100	0.1	9	9.0	9.1	6.5	★
Channel To Palacios								
Mile (GIWW) to Light 40	22-Mar-12	125	10.0	12	9.2	9.4	9.1	★
Light 40 to City Basin	22-Mar-12	125	6.2	12	10.8	11.8	9.1	★
City Basin	14-Mar-12	150	0.1	12	12.5	12.7	12.3	★
Entrance Channel to Municipal Basin	14-Mar-10	400-130	0.1	12	10.3	10.2	10.2	⊠
Municipal Basin	14-Mar-12	240	0.2	12	11.4	11.6	11.2	★
Channel To Port Lavaca And Red Bluff								
Port Lavaca Channel	4-Mar-10	125	4.1	12	5.5	4.5	3.5	⊠
Lynn Bayou Turning Basin	28-Jun-09	30-300	0.1	12	7.9	7.9	7.7	⊠
Port Lavaca Harbor of Refuge:								
Approach Channel	28-Mar-10	125	2.1	12	5.3	5.2	3.8	⊠
North-South Basin	28-Mar-10	300	0.3	12	9.9	11.1	11.1	⊠
East-West Basin	28-Mar-10	250	0.3	12	11.1	12.1	12.0	⊠
Extension to Red Bluff via Lavaca and Navidad River								
Mile 0 to Mile 6.5	1-May-07	100	6.5	6	1.5	1.5	1.4	⊠
Mile 6.5 to F.M. Rd. 616	15-Jun-99	100	13.7	6	4.0	4.0	4.0	⊠

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					Left 1/4 Channel (Feet)	Middle 1/2 Channel (Feet)	Right 1/4 Channel (Feet)	
Channel to Victoria								
Mile 0 (GIWW) to Mile 11	1-Mar-12	125	11.0	12	10.5	10.5	3.5	★
Easterly Connecting "Y" Channel	1-Mar-12	125	0.8	12	10.8	11.4	7.5	★
Westerly connecting 'Y' Channel	1-Mar-12	125	0.8	12	9.0	10.0	9.0	★
Mile 11 to Mile 14	13-Mar-12	125	3.0	12	9.5	13.0	11.3	★
Mile 14 to Mile 29	24-Mar-12	125	15.0	12	2.0	12.0	2.0	★
Mile 29 to Mile 34.7	24-Mar-12	125	5.7	12	11.0	12.0	3.9	★
Turning Basin	11-May-10	125-818	0.2	12	11.9	13.9	11.0	⊠
Connecting Channel to Seadrift	25-Mar-12	100	2.0	9	7.8	8.2	6.0	★
Seadrift Turning Basin	25-Mar-12	230	0.0	9	10.8	12.0	12.0	★
Channel to Fulton								
Channel	8-May-10	100	0.5	12	5.3	6.1	4.6	⊠
Turning Basin	8-May-10	200	0.2	12	5.6	7.5	7.3	⊠
Channel to Rockport								
Channel	8-May-10	100	6.8	9	2.8	4.0	4.6	⊠
Harbor Basin	8-May-10	350	0.2	9	1.6	1.6	1.7	⊠
Channel to Aransas Pass								
Channel	13-May-10	125-175	6.1	14	9.5	7.8	7.5	⊠
Turning Basin	13-May-10	300	0.4	14	13.7	13.3	13.3	⊠
Connecting Channel	13-May-10	125	0.1	14	13.5	14.5	15.7	⊠
Connecting Brown Harbor	13-May-10	50-510	0.4	14	14.0	14.5	15.1	⊠
Channel to Port Aransas								
Channel	17-May-10	100	0.2	12	9.5	9.7	9.7	⊠
Turning Basin	17-May-10	200-400	0.2	12	7.5	9.5	8.2	⊠

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					Left 1/4 Channel (Feet)	Middle 1/2 Channel (Feet)	Right 1/4 Channel (Feet)	
Channel to Port Mansfield								
Entrance Channel	7-Jul-11	250	0.7	16	10.0	10.0	10.0	★
Mile 0.7 to Mile 1.3	19-Jan-11	100-300	0.6	14	11.8	13.3	12.9	⊠
Mile 1.3 to Mile 3	22-May-10	100	1.7	14	9.9	10.3	10.1	⊠
Mile 3 to Mile 6	22-May-10	100	3.0	14	12.3	12.7	12.7	⊠
Mile 6 to Main Channel (GIWW)	22-May-10	100	2.9	14	14.2	14.1	14.2	⊠
Entrance Curves	3-May-10	200	0.6	12	7.4	7.5	7.9	⊠
Main Channel to Turning Basin	21-May-10	125-200	0.9	14	14.7	15.4	14.4	⊠
Turning Basin	21-May-10	200-400	0.7	14	13.1	14.3	13.5	⊠
Shrimp Basin	21-May-10	350	0.3	12	12.1	12.3	12.2	⊠
Channel to Port Harlingen								
North Wye	4-May-11		x	12	4.0	15.0	15.0	⊠
South Wye	4-May-11		x	12	8.0	8.0	10.0	⊠
Mile 0 to Mile 8	2-May-11	200-125	8.0	12	11.0	11.5	11.0	⊠
Mile 8 to Mile 20	16-Apr-11	125	12.0	12	12.5	11.0	10.5	⊠
Mile 20 to Mile 25.9	25-Feb-11	125	5.9	12	7.9	7.9	6.5	⊠
Turning Basin	25-Feb-11	400	0.1	12	8.6	8.5	6.2	⊠
Side Channels at Port Isabel								
60-foot channel	6-Jan-11	60	0.2	12	12.7	12.8	11.9	⊠
125-foot channel	6-Jan-11	125	1.1	12	8.6	8.9	7.2	⊠
125-foot channel - South Leg	6-Jan-11	125	1.1	12	10.0	10.8	10.9	⊠
Port Isabel Small Boat Harbor								
Entrance Channel	19-Apr-10	75	1.5	9	3.4	3.0	2.6	⊠
Harbor Channel	19-Apr-10	50	0.3	7	3.1	3.4	3.7	⊠
Basin	19-Apr-10	50-500	0.3	6	3.8	3.5	3.0	⊠

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								★●✪
Houston Ship Channel, Tributary Channels								
Cedar Bayou								
Houston Ship Channel to U.S. Steel Dock	26-Aug-11	100	5.5	11	8.5	9.5	8.0	☐
Atkinson Island								
Barge Mooring Basin	01/15/02	100-150	1.8	12	9.4	9.5	9.3	☐
Greens Bayou Channel								
First Bend to Parker Brothers Slip	14-Jun-11	150-100	1.3	15	8.3	10.7	11.2	☐
Brady Island Channel								
Upstream from Cypress Str. Bridge	3-30-04	50	0.3	10	13.0	12.0	10.0	☐
Downstream from Cypress Str. Bridge	3-30-04	50	0.5	10	7.0	8.0	8.0	☐
Channel in Buffalo Bayou								
Houston Turning Basin to 69th Street Bridge	19-May-10	60	0.8	10	11.5	11.5	11.0	☐
69th Street Bridge to Lockwood Drive Bridge	3-Sep-10	60	1.5	10	13.0	11.0	11.0	☐
Lockwood Drive Bridge to Jensen St. Bridge	31-Jul-09	60	1.7	10	10.0	8.0	7.0	☐
Turkey Bend Channel	3-Sep-10	60	0.8	10	6.0	2.0	1.0	☐
Jensen Street Bridge to Southern Pacific Dock	5/19/2010	60	0.6	9	7.0	4.0	2.0	☐

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								★●☆
Usable Depths in Other Small Active Channels								
Channel to Port Bolivar		200	0.1	14				
Dickinson Bayou								
Light 2 to Light 27	19-May-10	60	9.9	6	6.0	6.0	6.0	☐
Light 27 to Highway 146 Bridge	19-May-10	60	1.5	6	4.0	6.0	4.0	☐
Channel to Liberty								
Houston Ship Channel to Smith Point	14-Mar-07	150	6.4	9	1.0	2.0	2.0	☐
Anahauc	7-Feb-10	100	6.4	6	2.0	2.0	2.0	☐
Anahauc Channel to Texas Gulf Sulphur Slip	26-May-10	100	11.3	6	0.0	0.0	0.0	☐
Texas Gulf Sulphur Slip to Devers Canal		100	9.5	6	0.0	4.0 ft at CL	0.0	☐
Devers Canal to South Liberty Oil Field		100	12.2	6	0.0	+0.4' x 100'	0.0	☐
South Liberty Oil Field to Cut Off Channel		100	2.2	6	0.0	0.1, +2.6, +1.6	0.0	☐
Cut Off Channel to Liberty		100	3.1	6	0.0	0.2, +1.6, +2.6	0.0	☐
Clear Creek And Clear Lake								
Entrance Channel	17-May-10	75	3.3	9	1.0	6.0	7.0	☐
North Fork Channel		60	0.7	7	0.0	0.0 ft by 60'	0.0	☐
Clear Lake Channel	30-Jul-09	60	2.8	7	3.0	3.0	3.0	☐
Clear Creek Channel			3.8		0.0	7.0 ft by 60'	0.0	☐
File Mile Cut	18-May-10	125	1.9	12	6.0	7.0	5.0	☐
Jewel Fulton Canal								
Canal	24-Jun-10	100	0.9	16	7.1	14.8	14.7	☐
Basin	24-Jun-10		0.1	16	7.1	14.8	14.7	☐
Rincon Canal								
Approach Channel	7-May-10	100-567	2.9	10	5.7	7.7	5.9	☐
Connecting Channel	7-May-10	275	0.4	10	11.5	12.0	12.0	☐
Canal "A"	7-May-10	100-125	0.9	10	9.6	10.1	9.6	☐
Turning Basin	7-May-10	275	0.1	10	9.6	10.7	11.3	☐

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Brownsville Fishing Boat Harbor								
Entrance Channel	7-May-10	100	0.2	15	15.5	16.5	14.6	⊠
Connecting Channel	7-May-10	265	0.2	15	14.2	14.1	14.0	⊠
West Connecting Channel	7-May-10	265	0.2	15	13.7	14.4	14.7	⊠
West Basin	7-May-10	305-370	0.3	15	14.6	14.3	14.1	⊠
Middle Basin	7-May-10	305-370	0.2	15	13.6	14.1	13.6	⊠
East Basin	7-May-10	305-370	0.1	15	13.4	13.4	13.6	⊠

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