

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

APRIL 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

APRIL 2012

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	20-Apr-12	125	0.0	12	2.5	8.0	10.0	★
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	4-Apr-12	125	13.8	12	9.0	11.5	1.5	★
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	☐

APRIL 2012

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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	☐

APRIL 2012

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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	19-Apr-12	125	10.0	12	9.8	9.8	9.5	★
Light 40 to City Basin	19-Apr-12	125	6.2	12	10.0	10.4	4.0	★
City Basin	19-Apr-12	150	0.1	12	11.0	12.0	12.0	★
Entrance Channel to Municipal Basin	19-Apr-12	400-130	0.1	12	9.8	11.0	11.8	★
Municipal Basin	19-Apr-12	240	0.2	12	11.7	11.8	11.8	★
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	⊠

APRIL 2012

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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	☐

APRIL 2012

PROJECT DIMENSIONS

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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	☐

APRIL 2012

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					Left 1/4 Channel (Feet)	Middle 1/2 Channel (Feet)	Right 1/4 Channel (Feet)	
Houston Ship Channel, Tributary Channels								
Cedar Bayou								
Houston Ship Channel to U.S. Steel Dock	24-Apr-12	100	5.5	11	6.7	7.1	5.6	★
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	⊠

APRIL 2012

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					Left 1/4 Channel (Feet)	Middle 1/2 Channel (Feet)	Right 1/4 Channel (Feet)	
Usable Depths in Other Small Active Channels								
Channel to Port Bolivar		200	0.1	14				
Dickinson Bayou								
Light 2 to Light 27	25-Apr-12	60	9.9	6	6.2	5.6	5.3	★
Light 27 to Highway 146 Bridge	25-Apr-12	60	1.5	6	0.7	1.1	2.1	★
Channel to Liberty								
Houston Ship Channel to Smith Point	18-Apr-12	150	6.4	9	1.2	1.6	1.9	★
Anahauc	23-Jun-11	100	6.4	6	6.3	6.3	3.5	★
Anahauc Channel to Texas Gulf Sulphur Slip	23-Jun-11	100	11.3	6	0.7	0.3	0.3	★
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	6-Jun-11	75	3.3	9	6.3	6.4	6.4	★
North Fork Channel		60	0.7	7	0.0	0.0 ft by 60'	0.0	⊠
Clear Lake Channel	6-Jun-11	60	2.8	7	2.6	2.9	2.6	★
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	18-Apr-12	100-567	2.9	10	2.0	6.0	8.0	★
Connecting Channel	13-Apr-12	275	0.4	10	7.5	7.8	6.1	★
Canal "A"	13-Apr-12	100-125	0.9	10	8.5	8.5	8.5	★
Turning Basin	13-Apr-12	275	0.1	10	10.3	10.7	11.0	★

APRIL 2012

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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	⊠

Notes:

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