

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

JANUARY 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

JANUARY 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
								★●☆
<b>Gulf Intracoastal Waterway Main Channel</b>								
Port Arthur - High Island (GIWW continues thru Sabine River)	22-Sep-10	125	53.1	12	8.2	10.8	9.6	☐
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	☐
<b>Alternate Route via Lydia Ann Channel:</b>								
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	☐

JANUARY 2012

PROJECT DIMENSIONS

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								★●☆
<b>Gulf Intracoastal Waterway Tributary Channels</b>								
<b>Adams Bayou Channel</b>								
Channel	11-Jun-11	100	1.6	12	9.9	3.2	5.0	☐
<b>Double Bayou</b>								
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	☐
<b>Cow Bayou Channel</b>								
Channel	19-Oct-10	100	7.1	13	4.8	6.6	7.0	☐
Orangefield Turning Basin	19-Oct-10	300	0.1	13	2.5	2.2	5.0	☐
<b>Offatts Bayou Channel</b>								
Channel	15-Mar-10	125	2.2	12	5.1	6.1	4.5	☐
<b>Chocolate Bayou Channel</b>								
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	☐
<b>San Benard River Channel</b>								
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	☐
<b>Mouth Of The Colorado River</b>								
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	☐

JANUARY 2012

PROJECT DIMENSIONS

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								★●⊠
<b>Colorado River Channel</b>								
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	★
<b>Channel To Palacios</b>								
Mile (GIWW) to Light 40	27-Mar-10	125	10.0	12	9.0	9.1	9.1	⊠
Light 40 to City Basin	8-Jun-10	125	6.2	12	8.4	10.2	9.0	⊠
City Basin	14-Mar-10	150	0.1	12	10.9	11.1	11.6	⊠
Entrance Channel to Municipal Basin	14-Mar-10	400-130	0.1	12	10.3	10.2	10.2	⊠
Municipal Basin	14-Mar-10	240	0.2	12	11.5	11.0	8.2	⊠
<b>Channel To Port Lavaca And Red Bluff</b>								
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	⊠
<b>Port Lavaca Harbor of Refuge:</b>								
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	⊠
<b>Extension to Red Bluff via Lavaca and Navidad River</b>								
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	⊠

JANUARY 2012

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								★●☆
<b>Channel to Victoria</b>								
Mile 0 (GIWW) to Mile 11	7-Mar-11	125	11.0	12	12.0	13.0	10.0	☐
Easterly Connecting "Y" Channel	7-Mar-11	125	0.8	12	12.0	12.0	11.0	☐
Westerly connecting 'Y' Channel	7-Mar-11	125	0.8	12	11.0	10.0	10.0	☐
Mile 11 to Mile 14	19-May-11	125	3.0	12	13.5	14.2	13.7	☐
Mile 14 to Mile 29	19-May-11	125	15.0	12	12.5	14.3	12.9	☐
Mile 29 to Mile 34.7	11-May-10	125	5.7	12	8.2	11.5	3.9	☐
Turning Basin	11-May-10	125-818	0.2	12	11.9	13.9	11.0	☐
Connecting Channel to Seadrift	15-May-10	100	2.0	9	10.6	11.0	10.2	☐
Seadrift Turning Basin	15-May-10	230	0.0	9	10.2	10.2	8.9	☐
<b>Channel to Fulton</b>								
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	☐
<b>Channel to Rockport</b>								
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	☐
<b>Channel to Aransas Pass</b>								
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	☐
<b>Channel to Port Aransas</b>								
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	☐

JANUARY 2012

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								★●☆
<b>Channel to Port Mansfield</b>								
Entrance Channel	19-Jan-11	250	0.7	16	4.4	4.4	4.4	☐
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	☐
<b>Channel to Port Harlingen</b>								
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	☐
<b>Side Channels at Port Isabel</b>								
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	☐
<b>Port Isabel Small Boat Harbor</b>								
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	☐

JANUARY 2012

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<b>Houston Ship Channel, Tributary Channels</b>								
<b>Cedar Bayou</b>								
Houston Ship Channel to U.S. Steel Dock	26-Aug-11	100	5.5	11	8.5	9.5	8.0	☐
<b>Atkinson Island</b>								
Barge Mooring Basin	01/15/02	100-150	1.8	12	9.4	9.5	9.3	☐
<b>Greens Bayou Channel</b>								
First Bend to Parker Brothers Slip	14-Jun-11	150-100	1.3	15	8.3	10.7	11.2	☐
<b>Brady Island Channel</b>								
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	☐
<b>Channel in Buffalo Bayou</b>								
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	☐

JANUARY 2012

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<b>Usable Depths in Other Small Active Channels</b>								
Channel to Port Bolivar		200	0.1	14				
<b>Dickinson Bayou</b>								
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	☐
<b>Channel to Liberty</b>								
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	☐
<b>Clear Creek And Clear Lake</b>								
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	☐
<b>Jewel Fulton Canal</b>								
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	☐
<b>Rincon Canal</b>								
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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		Feet Width	Miles Length	Feet Depth	Left 1/4 Channel (Feet)	Middle 1/2 Channel (Feet)	Right 1/4 Channel (Feet)	
<b>Brownsville Fishing Boat Harbor</b>								
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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