

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

JUNE 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

JUNE 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)	20-May-12	125	53.1	12	10.1	10.1	10.2	⊠
High Island - Galveston Bay	12-Apr-12	125	30.0	12	9.1	12.5	12.5	★
Across Galveston Bay	12-Apr-12	125	7.2	12	16.0	16.0	14.8	★
Alternate Route via Galv. Ch. (Reopened)	15-Jun-12	125	10.3	12	8.0	9.0	8.0	★
Galveston Bay - Chocolate Bayou	12-Apr-12	125	19.0	12	13.4	14.6	13.5	★
Chocolate Bayou - Freeport Harbor	12-Apr-12	125	19.0	12	9.9	11.8	9.6	★
Freeport Harbor - Brazos River	12-Apr-12	125	5.9	12	0.1	5.4	8.2	★
Brazos River Crossing	12-Apr-12	125	0.7	12	9.7	8.8	5.8	★
Brazos River - San Bernard River	12-Apr-12	125	4.0	12	9.4	11.7	9.1	★
San Bernard to Colorado River	12-Apr-12	125	35.6	12	8.0	9.3	7.1	★
Colorado River Crossing	12-Apr-12	125	1.0	12	9.4	13.4	9.9	★
Colorado River - Matagorda Bay (Mile 461.6 WHL)	12-Apr-12	125	20.1	12	7.0	10.2	9.9	★
Mile 461.6 - Port O'Connor	27-Mar-12	125	11.1	12	1.0	0.8	0.9	★
Natural Bay Bottom	20-Apr-12	125	0.0	12	2.5	8.0	10.0	★
Port O'Connor - San Antonio Bay	2-Apr-12	125	19.0	12	7.5	11.0	9.0	★
Across San Antonio Bay	5-Apr-12	125-235	8.6	12	15.0	15.0	15.0	★
San Antonio Bay - Aransas Bay (Light 1)	2-Apr-12	125	10.4	12	2.0	13.3	12.0	★
Across Aransas Bay	4-Apr-12	125	13.8	12	11.5	11.5	1.5	★
Aransas Bay to Corpus Christi Ship Channel	12-Apr-12	125	14.4	12	6.0	12.6	9.4	★
Alternate Route via Lydia Ann Channel:								
Aransas Bay 49 to Light 83	10-Apr-12	125	7.9	12	14.0	14.0	14.0	★
Light 83 to Corpus Christi Ship Channel	10-Apr-12	125	3.8	12	14.0	13.8	11.6	★
Corpus Christi Ship Channel to S. Bird Island	30-Apr-12	125	25.2	12	5.0	11.0	5.0	★
S. Bird Island to Light 175	8-May-12	125	22.5	12	10.7	11.7	11.6	★
Light 175 - Banderia Island	9-May-12	125	21.6	12	9.7	12.6	12.0	★
Banderia Island - Channel to Port Mansfield	15-May-12	125	23.2	12	10.7	9.6	10.0	★
Channel to Port Mansfield - Arroyo Colorado	11-May-12	125	14.5	12	10.1	11.0	9.7	★
Arroyo Colorado - Port Brownsville	26-Apr-12	125	37.6	12	10.1	10.7	11.0	★

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								★●⊠
Gulf Intracoastal Waterway Tributary Channels								
Adams Bayou Channel								
Channel	12-May-12	100	1.6	12	4.6	3.8	6.6	★
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	12-May-12	100	7.1	13	7.3	7.3	7.3	★
Orangefield Turning Basin	12-May-12	300	0.1	13	6.7	6.7	6.4	★
Offatts Bayou Channel								
Channel	1-Jun-12	125	2.2	12	5.2	5.2	4.0	★
Chocolate Bayou Channel								
Bay Channel	11-Apr-12	125	5.6	12	11.0	12.0	11.0	★
Land Cut	11-Apr-12	125	2.9	12	11.0	12.0	11.0	★
San Benard River Channel								
Mile 0 to Milw 0.5	2-May-12	1032-100	0.5	9	4.0	7.0	4.0	★
Mile 0.5 to Mile 3.75	3-May-12	100	3.3	9	9.0	9.0	6.0	★
Mile 3.75 to Mile 8.0	4-May-12	100	4.3	9	7.0	9.0	5.0	★
Mile 8.0 to Milw 20.5	5-May-12	100	12.5	9	9.0	9.0	6.0	★
Mile 20.5 to Mile 25.2	6-May-12	100	4.7	9	10.0	10.0	5.0	★
Mile 25.2 to Mile 26.0	5/7/2012	100	0.0	9	5.0	5.0	3.0	★
Mouth Of The Colorado River								
Mile 0 (Gulf) to Mile 0.8	5/1/2012	200	0.8	15	10.0	14.0	12.0	★
Mile 0.8 to Mile 2.5	5/1/2012	100	1.7	12	10.0	10.0	8.0	★
Mile 2.5 to Mile 7.11 (GIWW)	5/2/2012	100	4.6	12	8.0	8.0	8.0	★

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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)	
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	4/27/2012	100	2.0	9	14.0	14.0	10.0	★
Mile 2 to Mile 8	4/27/2012	100	6.0	9	7.0	10.0	8.0	★
Mile 8 to Mile 13.5	5/2/2012	100	5.5	9	6.0	6.0	4.0	★
Mile 13.5 to Mile 15.5	5/2/2012	100	2.0	9	5.0	7.0	5.0	★
Turning Basin	5/2/2012	100	0.1	9	6.0	6.0	7.0	★
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	10-Apr-12	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	31-Mar-12	125	2.1	12	5.1	4.9	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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								★●⊠
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	18-May-12	100	0.5	12	7.7	8.2	7.1	★
Turning Basin	18-May-12	200	0.2	12	6.0	7.5	5.2	★
Channel to Rockport								
Channel	18-May-12	100	6.8	9	2.5	9.7	3.6	★
Harbor Basin	18-May-12	350	0.2	9	0.5	8.7	8.7	★
Channel to Aransas Pass								
Channel	7-Apr-12	125-175	6.1	14	12.5	11.2	10.0	★
Turning Basin	7-Apr-12	300	0.4	14	15.5	14.9	14.6	★
Connecting Channel	7-Apr-12	125	0.1	14	16.3	16.4	16.4	★
Connecting Brown Harbor	7-Apr-12	50-510	0.4	14	13.9	13.9	15.2	★
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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PROJECT CONDITIONS

Shallow Draft Channels	Date of Survey	Feet Width	Miles Length	Feet Depth	Left	Middle	Right	Symbols
					1/4 Channel (Feet)	1/2 Channel (Feet)	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	24-May-12	150-100	1.3	15	8.1	10.3	5.9	★
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	10-May-12	60	0.8	10	14.0	14.0	11.0	★
69th Street Bridge to Lockwood Drive Bridge	10-May-12	60	1.5	10	12.0	12.0	12.0	★
Lockwood Drive Bridge to Jensen St. Bridge	10-May-12	60	1.7	10	11.0	10.0	10.0	★
Turkey Bend Channel	10-May-12	60	0.8	10	12.0	12.0	11.0	★
Jensen Street Bridge to Southern Pacific Dock	5/10/2012	60	0.6	9	8.0	5.0	6.0	★

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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	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	22-May-12	100	6.4	6	3.7	3.9	3.5	★
Anahauc Channel to Texas Gulf Sulphur Slip	22-May-12	100	11.3	6	-0.3	1.0	3.2	★
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	10-May-12	75	3.3	9	6.2	6.3	6.3	★
North Fork Channel		60	0.7	7	0.0	0.0 ft by 60'	0.0	⊠
Clear Lake Channel	10-May-12	60	2.8	7	2.3	3.0	2.5	★
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	6-Apr-12	100	0.9	16	9.1	16.3	16.4	★
Basin	6-Apr-12		0.1	16	9.1	16.3	16.4	★
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	⊠

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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)	
Brownsville Fishing Boat Harbor								
Entrance Channel	1-May-12	100	0.2	15	17.6	17.2	16.5	★
Connecting Channel	1-May-12	265	0.2	15	14.3	14.4	14.0	★
West Connecting Channel	1-May-12	265	0.2	15	14.4	15.5	14.3	★
West Basin	1-May-12	305-370	0.3	15	14.7	14.6	14.5	★
Middle Basin	1-May-12	305-370	0.2	15	14.9	15.1	13.4	★
East Basin	1-May-12	305-370	0.1	15	12.3	13.7	13.7	★

Notes:

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