

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

NOVEMBER 2013  
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

NOVEMBER 2013	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)	24-Sep-13	125	53.1	12	8.8	9.0	9.9	★
High Island - Galveston Bay	22-Mar-13	125	30.0	12	8.2	11.3	5.0	☐
Across Galveston Bay	28-May-13	125	7.2	12	7.9	11.6	9.4	☐
Alternate Route via Galv. Ch. (Reopened)	15-Jun-12	125	10.3	12	8.0	9.0	8.0	☐
Galveston Bay - Chocolate Bayou	10-Apr-13	125	19.0	12	11.7	13.5	12.0	☐
Chocolate Bayou - Freeport Harbor	12-Apr-12	125	19.0	12	9.9	11.8	9.6	☐
Freeport Harbor - Brazos River	26-Apr-13	125	5.9	12	9.6	12.2	8.0	☐
Brazos River Crossing	26-Apr-13	125	0.7	12	13.4	12.3	6.2	☐
Brazos River - San Bernard River	29-Apr-13	125	4.0	12	13.9	14.5	10.4	☐
San Bernard to Colorado River	25-Apr-13	125	35.6	12	8.5	10.3	6.4	☐
Colorado River Crossing	30-Apr-13	125	1.0	12	14.5	16.6	16.0	☐
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	16-Apr-13	125	11.1	12	10.6	11.3	10.9	☐
Natural Bay Bottom	14-Feb-13	125	0.0	12	9.7	12.0	12.0	☐
Port O'Connor - San Antonio Bay	21-Mar-13	125	19.0	12	13.3	13.2	4.0	☐
Across San Antonio Bay	23-Mar-13	125-235	8.6	12	8.5	10.8	7.0	☐
San Antonio Bay - Aransas Bay (Light 1)	3-May-13	125	10.4	12	7.5	9.3	6.6	☐
Across Aransas Bay	2-Apr-13	125	13.8	12	8.8	12.7	10.2	☐
Aransas Bay to Corpus Christi Ship Channel	4-May-13	125	14.4	12	11.8	9.7	7.8	☐
<b>Alternate Route via Lydia Ann Channel:</b>								
Aransas Bay 49 to Light 83	4-May-13	125	7.9	12	10.8	13.0	9.7	☐
Light 83 to Corpus Christi Ship Channel	4-May-13	125	3.8	12	11.1	9.3	9.4	☐
Corpus Christi Ship Channel to S. Bird Island	14-Apr-13	125	25.2	12	10.0	11.0	9.2	☐
S. Bird Island to Light 175	10-Apr-13	125	22.5	12	7.5	12.4	10.9	☐
Light 175 - Banderia Island	10-Apr-13	125	21.6	12	9.5	13.5	12.5	☐
Banderia Island - Channel to Port Mansfield	29-Mar-13	125	23.2	12	8.7	10.0	5.4	☐
Channel to Port Mansfield - Arroyo Colorado	28-Mar-13	125	14.5	12	7.5	9.0	5.7	☐
Arroyo Colorado - Port Brownsville	22-Mar-13	125	37.6	12	4.6	6.5	5.9	☐

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<b>Gulf Intracoastal Waterway Tributary Channels</b>								
<b>Adams Bayou Channel</b>								
Channel	23-Oct-13	100	1.6	12	2.5	3.2	3.4	★
<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	23-Oct-13	100	7.1	13	8.2	5.2	8.8	★
Orangefield Turning Basin	23-Oct-13	300	0.1	13	8.2	6.1	9.6	★
<b>Offatts Bayou Channel</b>								
Channel	12-Apr-13	125	2.2	12	5.6	7.3	6.1	☐
<b>Chocolate Bayou Channel</b>								
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	☐
<b>San Benard River Channel</b>								
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	7-May-12	100	0.0	9	5.0	5.0	3.0	☐
<b>Mouth Of The Colorado River</b>								
Mile 0 (Gulf) to Mile 0.8	1-May-12	200	0.8	15	10.0	14.0	12.0	☐
Mile 0.8 to Mile 2.5	1-May-12	100	1.7	12	10.0	10.0	8.0	☐
Mile 2.5 to Mile 7.11 (GIWW)	1-May-12	100	4.6	12	8.0	8.0	8.0	☐

<b>NOVEMBER 2013</b>	<b>PROJECT DIMENSIONS</b>				<b>PROJECT CONDITIONS</b>			
<b>Shallow Draft Channels</b>	<b>Date of Survey</b>	<b>Feet Width</b>	<b>Miles Length</b>	<b>Feet Depth</b>	<b>Left 1/4 Channel (Feet)</b>	<b>Middle 1/2 Channel (Feet)</b>	<b>Right 1/4 Channel (Feet)</b>	<b>Symbols ★●☆</b>
<b>Colorado River Channel</b>								
By-Pass Channel	17-May-11	100	0.9	9	13.4	6.5	0.5	☐
Mile 0 (GIWW) to Mile 2	27-Apr-12	100	2.0	9	14.0	14.0	10.0	☐
Mile 2 to Mile 8	27-Apr-12	100	6.0	9	7.0	10.0	8.0	☐
Mile 8 to Mile 13.5	2-May-12	100	5.5	9	6.0	6.0	4.0	☐
Mile 13.5 to Mile 15.5	2-May-12	100	2.0	9	5.0	7.0	5.0	☐
Turning Basin	2-May-12	100	0.1	9	6.0	6.0	7.0	☐
<b>Channel To Palacios</b>								
Mile (GIWW) to Light 40	6-Mar-13	125	10.0	12	10.5	10.2	9.5	☐
Light 40 to City Basin	6-Mar-13	125	6.2	12	8.6	9.0	8.9	☐
City Basin	6-Mar-13	150	0.1	12	11.0	12.0	12.0	☐
Entrance Channel to Municipal Basin	6-Mar-13	400-130	0.1	12	9.8	11.0	11.8	☐
Municipal Basin	6-Mar-13	240	0.2	12	11.7	11.8	11.8	☐
<b>Channel To Port Lavaca And Red Bluff</b>								
Port Lavaca Channel	29-May-13	125	4.1	12	4.0	5.6	3.0	☐
Lynn Bayou Turning Basin	29-May-13	30-300	0.1	12	7.5	7.9	7.5	☐
<b>Port Lavaca Harbor of Refuge:</b>								
Approach Channel	27-Mar-13	125	2.1	12	6.9	6.7	6.9	☐
North-South Basin	3-Apr-13	300	0.3	12	9.6	9.6	10.0	☐
East-West Basin	3-Apr-13	250	0.3	12	11.3	12.0	11.7	☐
<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	☐

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<b>Channel to Victoria</b>								
Mile 0 (GIWW) to Mile 11	30-May-13	125	11.0	12	12.1	14.3	11.1	☐
Easterly Connecting "Y" Channel	30-May-13	125	0.8	12	13.7	13.0	14.1	☐
Westerly connecting 'Y' Channel	30-May-13	125	0.8	12	11.9	12.0	12.5	☐
Mile 11 to Mile 14	17-May-13	125	3.0	12	14.9	15.2	15.0	☐
Mile 14 to Mile 29	17-May-13	125	15.0	12	5.3	14.4	10.9	☐
Mile 29 to Mile 34.7	17-May-13	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	17-May-13	100	2.0	9	6.0	6.5	6.6	☐
Seadrift Turning Basin	17-May-13	230	0.0	9	10.8	12.0	12.0	☐
<b>Channel to Fulton</b>								
Channel	16-May-13	100	0.5	12	6.9	8.2	7.1	☐
Turning Basin	16-May-13	200	0.2	12	4.9	7.7	5.8	☐
<b>Channel to Rockport</b>								
Channel	16-May-13	100	6.8	9	2.3	8.5	8.2	☐
Harbor Basin	16-May-13	350	0.2	9	1.8	9.0	8.0	☐
<b>Channel to Aransas Pass</b>								
Channel	16-May-13	125-175	6.1	14	8.8	11.7	10.0	☐
Turning Basin	16-May-13	300	0.4	14	14.6	14.8	14.0	☐
Connecting Channel	2-May-13	125	0.1	14	14.9	15.2	15.8	☐
Connecting Brown Harbor	16-May-13	50-510	0.4	14	15.2	16.0	14.2	☐
<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	☐



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<b>Houston Ship Channel, Tributary Channels</b>								
<b>Cedar Bayou</b>								
Houston Ship Channel to U.S. Steel Dock	27-Mar-13	100	5.5	11	4.0	6.0	4.0	☐
<b>Atkinson Island</b>								
Barge Mooring Basin	15-Jan-02	100-150	1.8	12	9.4	9.5	9.3	☐
<b>Greens Bayou Channel</b>								
First Bend to Parker Brothers Slip	24-May-13	150-100	1.3	15	8.0	10.6	5.9	☐
<b>Brady Island Channel</b>								
Upstream from Cypress Str. Bridge	17-Jul-13	50	0.3	10	3.0	3.0	3.0	☐
Downstream from Cypress Str. Bridge	17-Jul-13	50	0.5	10	1.0	1.0	1.0	☐
<b>Channel in Buffalo Bayou</b>								
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	10-May-12	60	0.6	9	8.0	5.0	6.0	☐

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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	23-Apr-13	60	9.9	6	6.5	5.8	5.2	☐
Light 27 to Highway 146 Bridge	23-Apr-13	60	1.5	6	0.3	0.7	2.6	☐
<b>Channel to Liberty</b>								
Houston Ship Channel to Smith Point	23-Apr-13	150	6.4	9	1.4	2.3	2.3	☐
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	2/94	100	9.5	6		4.0 ft at CL.		☐
Devers Canal to South Liberty Oil Field	7/01	100	12.2	6	+0.4	+0.4	+0.4	☐
South Liberty Oil Field to Cut Off Channel	7/01	100	2.2	6	+0.1	+2.6	+1.5	☐
Cut Off Channel to Liberty	7/01	100	3.1	6	3.2	+1.6	+2.6	☐
<b>Clear Creek And Clear Lake</b>								
Entrance Channel	28-Mar-13	75	3.3	9	6.2	6.5	6.2	☐
North Fork Channel	28-Mar-13	60	0.7	7	2.0	2.0	2.0	☐
Clear Lake Channel	28-Mar-13	60	2.8	7	12.0	11.0	10.0	☐
Clear Creek Channel	5/98		3.8		0.0	7.0 ft by 60 ft	0.0	☐
File Mile Cut	16-Aug-13	125	1.9	12	6.0	5.8	4.5	☐
<b>Jewel Fulton Canal</b>								
Canal	17-May-13	100	0.9	16	8.2	18.0	18.8	☐
Basin	17-May-13		0.1	16	7.1	14.9	14.7	☐
<b>Rincon Canal</b>								
Approach Channel	1-May-13	100-567	2.9	10	10.2	12.6	11.8	☐
Connecting Channel	1-May-13	275	0.4	10	11.4	13.0	12.5	☐
Canal "A"	1-May-13	100-125	0.9	10	11.4	13.0	12.5	☐
Turning Basin	1-May-13	275	0.1	10	12.7	13.0	12.4	☐



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<b>Brownsville Fishing Boat Harbor</b>								
Entrance Channel	4-Apr-13	100	0.2	15	15.9	16.8	11.3	☐
Connecting Channel	4-Apr-13	265	0.2	15	14.8	14.2	14.5	☐
West Connecting Channel	4-Apr-13	265	0.2	15	13.2	14.6	15.5	☐
West Basin	4-Apr-13	305-370	0.3	15	13.8	14.4	11.9	☐
Middle Basin	4-Apr-13	305-370	0.2	15	13.0	15.0	13.0	☐
East Basin	4-Apr-13	305-370	0.1	15	14.0	13.5	13.4	☐

- Notes:**
1. Depths on San Bernard river only till Mile 10.5
  2. Cedar Bayou Channel meanders between the toes at 10'
  3. Brady Island controlling depths are located both upstream and downstream of the Cypress St. Bridge
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