

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

OCTOBER 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

| OCTOBER 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 ★●☆ |
| Gulf Intracoastal Waterway Main Channel | | | | | | | | |
| Port Arthur - High Island (GIWW continues thru Sabine River) | 26-Mar-13 | 125 | 53.1 | 12 | 9.2 | 9.3 | 9.1 | ☐ |
| 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 | ☐ |
| Alternate Route via Lydia Ann Channel: | | | | | | | | |
| 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 | ☐ |

| OCTOBER 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 ★●★ |
| Gulf Intracoastal Waterway Tributary Channels | | | | | | | | |
| Adams Bayou Channel | | | | | | | | |
| Channel | 5-Apr-13 | 100 | 1.6 | 12 | 8.3 | 8.2 | 9.7 | ☐ |
| 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 | 2-Apr-13 | 100 | 7.1 | 13 | 7.7 | 7.7 | 7.9 | ☐ |
| Orangefield Turning Basin | 2-Apr-13 | 300 | 0.1 | 13 | 7.3 | 5.8 | 12.5 | ☐ |
| Offatts Bayou Channel | | | | | | | | |
| Channel | 12-Apr-13 | 125 | 2.2 | 12 | 5.6 | 7.3 | 6.1 | ☐ |
| 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 | 7-May-12 | 100 | 0.0 | 9 | 5.0 | 5.0 | 3.0 | ☐ |
| Mouth Of The Colorado River | | | | | | | | |
| 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 | ☐ |

| OCTOBER 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 ★●☆ |
| Colorado River Channel | | | | | | | | |
| 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 | ☐ |
| Channel To Palacios | | | | | | | | |
| 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 | ☐ |
| Channel To Port Lavaca And Red Bluff | | | | | | | | |
| 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 | ☐ |
| Port Lavaca Harbor of Refuge: | | | | | | | | |
| 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 | ☐ |
| 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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|---------------------------------|---------------------------|-------------------|---------------------|-------------------|--------------------------------|----------------------------------|---------------------------------|------------------------|
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| Channel to Victoria | | | | | | | | |
| 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 | ☐ |
| Channel to Fulton | | | | | | | | |
| 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 | ☐ |
| Channel to Rockport | | | | | | | | |
| 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 | ☐ |
| Channel to Aransas Pass | | | | | | | | |
| 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 | ☐ |
| 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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| Houston Ship Channel, Tributary Channels | | | | | | | | |
| Cedar Bayou | | | | | | | | |
| Houston Ship Channel to U.S. Steel Dock | 27-Mar-13 | 100 | 5.5 | 11 | 4.0 | 6.0 | 4.0 | ☐ |
| Atkinson Island | | | | | | | | |
| Barge Mooring Basin | 15-Jan-02 | 100-150 | 1.8 | 12 | 9.4 | 9.5 | 9.3 | ☐ |
| Greens Bayou Channel | | | | | | | | |
| First Bend to Parker Brothers Slip | 24-May-13 | 150-100 | 1.3 | 15 | 8.0 | 10.6 | 5.9 | ☐ |
| Brady Island Channel | | | | | | | | |
| 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 | ☐ |
| 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 | 10-May-12 | 60 | 0.6 | 9 | 8.0 | 5.0 | 6.0 | ☐ |
| | | | | | | | | |

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|---|--------------------|------------|--------------|------------|-------------------------|---------------------------|--------------------------|----------------|
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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 | 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 | ☐ |
| Channel to Liberty | | | | | | | | |
| 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 | ☐ |
| Clear Creek And Clear Lake | | | | | | | | |
| 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 | ☐ |
| Jewel Fulton Canal | | | | | | | | |
| 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 | ☐ |
| Rincon Canal | | | | | | | | |
| 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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| Brownsville Fishing Boat Harbor | | | | | | | | |
| 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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