

ORIGINAL



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Office of Ocean and Earth Sciences
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: July 13, 1993

MARINE CENTER: Pacific

OPR: J259

HYDROGRAPHIC SHEET: H-10448

LOCALITY: Choctawhatchee Bay, Florida, Hogtown Bayou to Basin Bayou

TIME PERIOD: November 11, 1992 - March 9, 1993

TIDE STATION USED: 872-9376 Santa Rosa, Hogtown Bayou, Fl.
Lat. $30^{\circ} 23.9'N$ Lon. $86^{\circ} 13.7'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = 1.09 feet

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 0.6 foot

TIDE STATION USED: 872-9381 Basin Bayou, Fl.
Lat. $30^{\circ} 29.8'N$ Lon. $86^{\circ} 14.4'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = 2.37 feet

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 0.4 foot

TIDE STATION USED: 872-9435 Big Hammock Point, Fl.
Lat. $30^{\circ} 27.9'N$ Lon. $86^{\circ} 21.1'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = 2.20 feet

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 0.5 foot

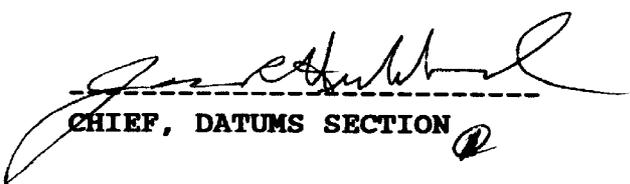
REMARKS: RECOMMENDED ZONING

1. In Hogtown Bayou (south of a line between Fourmile Point and Live Oak Point), times and heights are direct on Hogtown Bayou, Fl. (872-9376).
2. In Choctawhatchee Bay between longitudes $86^{\circ} 13.0'W$ and $86^{\circ} 17.0'W$, (not including Hogtown Bayou and Basin Bayou) times and heights are direct on Big Hammock Point, Fl. (872-9435).



3. In Basin Bayou, times and heights are direct on the staff readings provided for Basin Bayou, Fl. (872-9381).

NOTE: Hourly heights are tabulated on Central Standard Time.



CHIEF, DATUMS SECTION 

Basin Bayou, Choctawhatchee Bay, Fl. (872-9381)

In support of OPR J259, a staff was installed in lieu of the reinstallation of a tide gage. Staff readings were taken on December 3, 1992, and placed on station datum on the basis of the staff of June 28, 1977. Elevations are thus compatible with the datums derived from the tidal series of August - November 1977. These staff readings will be used in place of hourly height data in this location for December 1992.

PLANE OF REFERENCE (MEAN LOWER LOW WATER): = 2.37 feet
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: = 0.4 foot

Greenwich time Local time Height in feet on station datum

15 15	09 15	2.7 feet
15 20	09 20	2.7 feet
15 25	09 25	2.7 feet
15 30	09 30	2.7 feet
15 35	09 35	2.7 feet
15 40	09 40	2.7 feet
15 45	09 45	2.7 feet
16 00	10 00	2.7 feet
16 15	10 15	2.7 feet
16 30	10 30	2.7 feet
16 45	10 45	2.7 feet
17 00	11 00	2.7 feet
17 15	11 15	2.6 feet
17 30	11 30	2.6 feet
17 45	11 45	2.6 feet
18 00	12 00	2.6 feet
18 10	12 10	2.6 feet
18 20	12 20	2.7 feet
18 30	12 30	2.7 feet
18 40	12 40	2.7 feet
18 50	12 50	2.7 feet
19 00	13 00	2.7 feet
19 10	13 10	2.7 feet
19 20	13 20	2.7 feet
19 30	13 30	2.7 feet
19 40	13 40	2.7 feet

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