



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

ORIGINAL

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: May 24, 1994

MARINE CENTER: Pacific

HYDROGRAPHIC PROJECT: OPR-J223-AHP

HYDROGRAPHIC SHEET: H-10521

LOCALITY: Perdido Bay, Florida, Nix Point to Eleven Mile Creek

TIME PERIOD: December 6, 1993 - January 14, 1994

TIDE STATION USED: 872-9840 Pensacola, Fl.
Lat. $30^{\circ} 24.2'N$ Lon. $87^{\circ} 12.8'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 8.28 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.2 ft.

TIDE STATION USED: 872-9949 North Perdido River, U.S. Hwy. 90, Fl.
Lat. $30^{\circ} 31.4'N$ Lon. $87^{\circ} 26.6'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.76 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.8 ft.

TIDE STATION USED: 872-9962 Perdido Heights, Perdido Bay, Fl.
Lat. $30^{\circ} 23.6'N$ Lon. $87^{\circ} 25.5'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.52 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.7 ft.

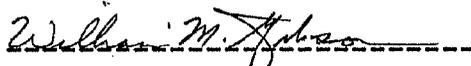


Remarks: RECOMMENDED ZONING

1. Northeast of a line between Grassy Point and Double Point in Perdido Bay, apply a +15 minute time correction and heights are direct on Perdido Heights, Fl. (872-9962). When data is not available for Perdido Heights, Fl., apply a -45 minute time correction and heights are direct on North Perdido River, Fl. (872-9949). When data is not available for either of the above stations, apply a +3 hour 15 minute time correction, and a X0.60 range ratio to Pensacola, Fl. (872-9840).
2. Southwest of a line between Grassy point and Double Point in Perdido Bay, times and heights are direct on Perdido Heights, Fl. (872-9962). When data is not available for Perdido Heights, Fl., apply a -1 hour time correction and heights are direct on North Perdido River, Fl. (872-9949). When data is not available for either of the above two stations, apply a +3 hour 00 minute time correction, and a X0.60 range ratio to Pensacola, Fl. (872-9840).

Note: North Perdido River, Fl. (872-9949) and Pensacola, Fl. (872-9840) are used to provide data during periods when the station required for the survey area (Perdido Bay) had invalid data causing breaks in the series. Zoning correctors are based on general time and range differences. However, these may not represent conditions over the entire series. Also, river influences and localized meteorological conditions in Perdido River and Pensacola Bay may have a different effect on the water levels from Perdido Bay. Therefore, data from Perdido River and Pensacola Bay should be used with caution.

Note: Times are tabulated in Central Standard Time.



CHIEF, DATUMS SECTION