



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

ORIGINAL

DATE: October 18, 1993

MARINE CENTER: Pacific

HYDROGRAPHIC PROJECT: S-H901-AHP

HYDROGRAPHIC SHEET: H-10474

LOCALITY: Biscayne Bay, Florida, Vicinity Boca Chita Key

TIME PERIOD: May 19 - August 12, 1993

TIDE STATION USED: 872-3232 Key Biscayne Yacht Club, Fl.  
Lat.  $25^{\circ} 41.9'N$  Lon.  $80^{\circ} 10.2'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 3.91 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.2 ft.

TIDE STATION USED: 872-3423 Turkey Point, Fl.  
Lat.  $25^{\circ} 26.2'N$  Lon.  $80^{\circ} 19.7'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.89 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.7 ft.

TIDE STATION USED: 872-3962 Key Colony Beach, Fl.  
Lat.  $24^{\circ} 43.1'N$  Lon.  $81^{\circ} 1.1'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 3.22 ft.

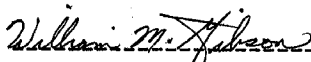
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.9 ft.



REMARKS: RECOMMENDED ZONING

1. In Biscayne Bay, south of  $25^{\circ} 43.0'N$ , and north of  $25^{\circ} 32.5'N$ , times and heights are direct on Key Biscayne, Fl. (872-3232).
2. In Biscayne Bay south of  $25^{\circ} 32.5'N$ , apply a -45 minute time correction, and use heights direct on Turkey Point, Fl. (872-3423). When data is not available for 872-3423, apply a +1 hour 00 minute time correction and a X0.78 range ratio to all heights from Key Biscayne Yacht Club, Fl. (872-3232).
3. In the Atlantic Ocean south of  $25^{\circ} 38.0'N$  and north of  $25^{\circ} 29.0'N$ , apply a -45 minute time correction and a X1.38 range ratio to all heights on Key Colony Beach, Fl. (872-3962).

Note: Times are tabulated in Eastern Standard Time.

  
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ACTING CHIEF, DATUMS SECTION



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ORIGINAL

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: December 15, 1993

MARINE CENTER: Pacific

HYDROGRAPHIC PROJECT: S-H901-AHP

HYDROGRAPHIC SHEET: H-10474 (Amended)

LOCALITY: Biscayne Bay, Florida, Vicinity Boca Chita Key

TIME PERIOD: May 19 - August 12, 1993

TIDE STATION USED: 872-3232 Key Biscayne Yacht Club, Fl.  
Lat.  $25^{\circ} 41.9'N$  Lon.  $80^{\circ} 10.2'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 3.91 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.2 ft.

TIDE STATION USED: 872-3423 Turkey Point, Fl.  
Lat.  $25^{\circ} 26.2'N$  Lon.  $80^{\circ} 19.7'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 2.89 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.7 ft.

TIDE STATION USED: 872-3962 Key Colony Beach, Fl.  
Lat.  $24^{\circ} 43.1'N$  Lon.  $81^{\circ} 1.1'W$

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 3.22 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.9 ft.



REMARKS: RECOMMENDED ZONING

1. In Biscayne Bay, west of a line between Soldier Key and the north point of Sands Key, south of  $25^{\circ} 43.0'N$ , and north of  $25^{\circ} 32.5'N$ , times and heights are direct on Key Biscayne, Fl. (872-3232).
2. In Biscayne Bay, west of a line between Soldier Key and the north point of Sands Key, south of  $25^{\circ} 32.5'N$ , apply a -45 minute time correction, and use heights direct on Turkey Point, Fl. (872-3423). When data is not available for 872-3423, apply a +1 hour 00 minute time correction and a X0.78 range ratio to all heights from Key Biscayne Yacht Club, Fl. (872-3232).
3. In the Atlantic Ocean east of a line between Soldier Key and the north point of Sands Key, south of  $25^{\circ} 38.0'N$  and north of  $25^{\circ} 29.0'N$ , apply a -45 minute time correction and a X1.38 range ratio to all heights on Key Colony Beach, Fl. (872-3962).

Note: Times are tabulated in Eastern Standard Time.

  
CHIEF, DATUMS SECTION