



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: June 11, 1996

HYDROGRAPHIC SECTION: Hydrographic Surveys Division, (Headquarters)

HYDROGRAPHIC PROJECT: OPR-G364-CN

HYDROGRAPHIC SHEET: H-10647

LOCALITY: St. John's River, Fl. - Drummond Point to One Mile West
of Commodore Point

TIME PERIOD: September 21 - 27, 1995

TIDE STATION USED: 872-0242 Long Branch, St. Johns River, Fl.
Lat. 30° 21.5'N Lon. 81° 37.2'W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): -1.86 ft.

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.7 ft.

REMARKS: RECOMMENDED ZONING

Area 3 (bounded by polygon points)

Longitude (west) Latitude (north)

81.595	30.409167
81.6025	30.406667
81.623056	30.395556
81.625	30.390833
81.619444	30.396389
81.609444	30.400833
81.603056	30.403333
81.592778	30.408889

Apply a -6 minute correction to times and a X1.18 range ratio to heights using Long Branch, Fl. (872-0242).

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Area 4 (bounded by polygon points)

Longitude (west) Latitude (north)

81.623611	30.398333
81.628611	30.394722
81.632222	30.388333
81.633056	30.383611
81.633611	30.383611
81.633333	30.383056
81.632222	30.383333
81.629444	30.381111
81.623611	30.398333

Apply a -6 minute correction to times and a X1.13 range ratio to heights using Long Branch, Fl. (872-0242).

Area 5 (bounded by polygon points)

Longitude (west) Latitude (north)

81.613889	30.363611
81.615833	30.368056
81.617222	30.370833
81.620556	30.368889
81.620556	30.3675
81.615833	30.363889
81.616389	30.361667
81.613611	30.361944

Times and heights are direct on Long Branch, Fl. (872-0242).

Area 6 (bounded by polygon points)

Longitude (west) Latitude (north)

81.616389	30.361667
81.621111	30.338056
81.611944	30.345556
81.613611	30.361944

Times and heights are direct on Long Branch, Fl. (872-0242).

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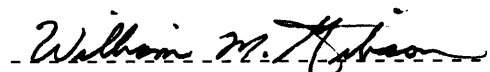
Area 7 (bounded by polygon points)

Longitude (west) Latitude (north)

81.628611	30.317222
81.633333	30.316944
81.640833	30.319444
81.644444	30.316389
81.634444	30.3125
81.629444	30.312222
81.625556	30.312778

Apply a +24 minute correction to times and a X0.88 range ratio to heights using Long Branch, Fl. (872-0242).

- Notes:**
1. Times are tabulated in Greenwich Mean Time.
 2. Data for Long Branch, Fl. (872-0242) are temporarily stored in file #672-0242.
 3. Latitude and longitude are in decimal degrees.


CHIEF, DATUMS SECTION