

DATE: 7/6/84

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE

TIDE NOTE FOR HYDROGRAPHIC SHEET

Marine Center: Atlantic

OPR: D218

Hydrographic Sheet: H-10112

Locality: Delaware River

Time Period: August 24 - November 1, 1983

Tide Station Used: 853-7961, Sinnickson Landing, NJ  
853-7979, Salem, Salem River, NJ  
855-1702, Pea Patch Island, DE

Plane of Reference (Mean Lower Low Water):  
853-7961 = 2.01 ft.  
853-7979 = 2.84 ft.  
855-1702 = 1.95 ft.

Height of Mean High Water Above Plane of Reference:  
853-7961 = 5.5 ft.  
853-7979 = 4.4 ft.  
855-1702 = 5.8 ft.

Remarks: Recommended Zoning:

1. In Delaware River
  - a. North of latitude  $39^{\circ}33.0'$  Zone Direct on 855-1702.
  - b. South of latitude  $39^{\circ}33.0'$  to  $39^{\circ}30.0'$  Zone on 855-1702 and apply -20 minute time correction and x1.03 range ratio.
2. In Salem River, NJ
  - a. From Salem River Entrance to latitude  $39^{\circ}34.8'$  Zone Direct on 853-7961.

  
Chief, Tidal Datums Section

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2. In Salem River, NJ (continued)

- b. From latitude  $39^{\circ}48.8'$  North and East along Salem River to latitude  $39^{\circ}48.8'$  Zone on 853-7961 and apply +20 minute time correction and x0.90 range ratio.
- c. From latitude  $39^{\circ}48.8'$  South and East along Salem River to longitude  $75^{\circ}28.8'$  Zone on 853-7961 and apply +40 minute time correction and x0.81 range ratio.
- d. East of longitude  $75^{\circ}28.8'$  along Salem River, Zone Direct on 853-7979.