

December 6, 1983

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

TIDE NOTE FOR HYDROGRAPHIC SHEET

Processing Division: Atlantic Marine Center:

Hourly heights are approved for

Tide Station Used (NOAA Form 77-12): 855-4399 Mahon River Entrance, DE
855-5388 Murderkill River Entrance, DE
855-6198 Mispillion River Entrance, DE

Period: March 6 - April 22, 1983

HYDROGRAPHIC SHEET: H-10079

OPR: D219

Locality: Delaware Bay

Plane of reference (mean lower low water): 855-4399 = 1.68 feet
855-5388 = 2.71 feet
855-6198 = 2.40 feet

Height of Mean High Water above Plane of Reference is
855-4399 = 5.8 feet
855-5388 = 5.1 feet
855-6198 = 4.6 feet

REMARKS: Recommended Zoning:

A) West of Longitude 75°20.0'

1. North of latitude 39°07.0' zone direct on 855-4399.
2. South of 39°07.0' zone direct on 855-5388.

B) East of Longitude 75°20.0'

1. North of latitude 39°05.0' zone on 855-4399 and apply a -10 minute time correction and x 0.98 range ratio.
2. South of 39°05.0' to 39°00.5' zone on 855-5388 and apply a -10 minute time correction and x 1.04 range ratio.
3. South of 39°00.5' zone direct on 855-6198. For times of hydrography when tide station 855-6198 was inoperative, zone on 855-5388 and apply a -25 minute time correction and x 0.98 range ratio.

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