

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

February 8, 1984

TIDE NOTE FOR HYDROGRAPHIC SHEET

Marine Center: Atlantic

OPR: A166

HYDROGRAPHIC SHEET: H - 10097

Locality: Penobscot Bay, Maine

Time Period: June 15 - August 4, 1983

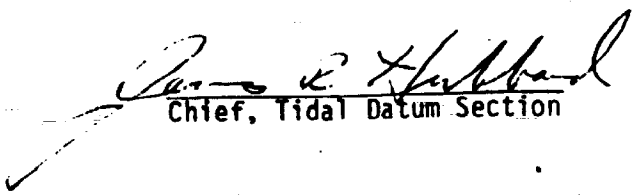
Tide Station Used: 841-4888, Pulpit Harbor, Maine

Plane Of Reference (Mean ~~Lower~~ Low Water): 2.70 Ft.

Height Of Mean High Water Above Plane Of Reference: 9.8 Ft.

Remarks: Recommended Zoning:

Zone Direct


Chief, Tidal Datum Section

NOAA SHIP MT. MITCHELL H-10097
200 WEST YORK STREET
NORFOLK, VIRGINIA 23510

07 SEP 83

To : Chief, Tides and Water Levels Branch, N/08612

From : *[Signature]*
Commanding Officer
NOAA Ship Mt. Mitchell S-222

Subj. : Tidal Data for Hydrographic Survey H-10097
OPR-A166-MI-83, Penobscot Bay, Maine

It is requested that verified hourly heights of Tides, using Coordinated Universal Time, from the Operating Tide Gages listed below, be forwarded to the Processing Division (MOA23), Atlantic Marine Center, Norfolk, VA. 23510

<u>GAGE NAME</u>	<u>NUMBER</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>
ROCKLAND, ME (Control)	841-5490	44°06.2'N	069°06.1'W
PULPIT HARBOR, ME.	841-4888	44°09.4'N	068°53.2'W
PORTLAND, ME. (Reference)	877 (Tide- Tables)	43°40.0'N	070°15.0'W

It is requested that the Time and Height Correctors for each Gage be as per Project Instructions for the area described within the following points;

44°11'48"N, 68°36'24"W; 41°11'48"N, 69°03'15"W; 44°19'00"N, 69°03'15"W;
44°19'00"N, 68°56'24"W.

15 June 0000 GMT through 23 June 2359 GMT, 1983.

24 July 0000 GMT -2359 GMT, 1983.

15 August 0000 GMT - 2359 GMT, 1983.

FIELD TIDE NOTE

Field tide reduction of soundings were based on Predicted Tides from Portland, Maine, and were corrected to Pulpit Harbor, Maine, utilizing a PDP8/E Computer and Program RK500. All times of both Predicted and Recorded Tides are Universal Coordinated Time (GMT).

The number and type of Tide Gages installed, their geographic locations, dates of installation/removal, Leveling, Plane of Reference and period of operation are appended to this note, along with a copy of a letter to OA/C23 requesting verified hourly heights of tides from gages listed in this report.

The respective gages reportedly operated properly/improperly during this Project, with any exceptions noted under "REMARKS" on the appended Tide Gage Sheets.

FIELD TIDE NOTE

TIDE GAGE REPORT

NOS TIDE TABLE NUMBER: 773 TIME MERIDIAN 60 ° WGEOGRAPHIC LOCALE: Coast Guard Base Rockland, MaineNAME: Rockland, Maine STATION NUMBER: 841-5490LATITUDE: 44 06.2' N, LONGITUDE: 069 06.1' WTYPE OF GAGE: ☒ ADR, ☒ BUBBLER, ☐ OTHER ()PLANE OF REFERENCE: ☐ MLW, ☒ MLLW, ☐ GCLWD, ☐ OTHER, CORRESPONDSTO FEET ON THE TIDE STAFF FOR THE PERIOD TO DATED INSTALLED: 28 Oct 77 BY: AMC Tides PartyDATE REMOVED: BY: DATE LEVELED: 19 May 83 BY: NOAA Ship MT MITCHELL
2 Sep 83 NOAA Ship MT MITCHELLREMARKS: Rockland was the primary tide station for all survey work.

TIDE GAGE REPORT

REMARKS: The gage was replaced on 31 May 83 before the start of
hydrographic survey operations.