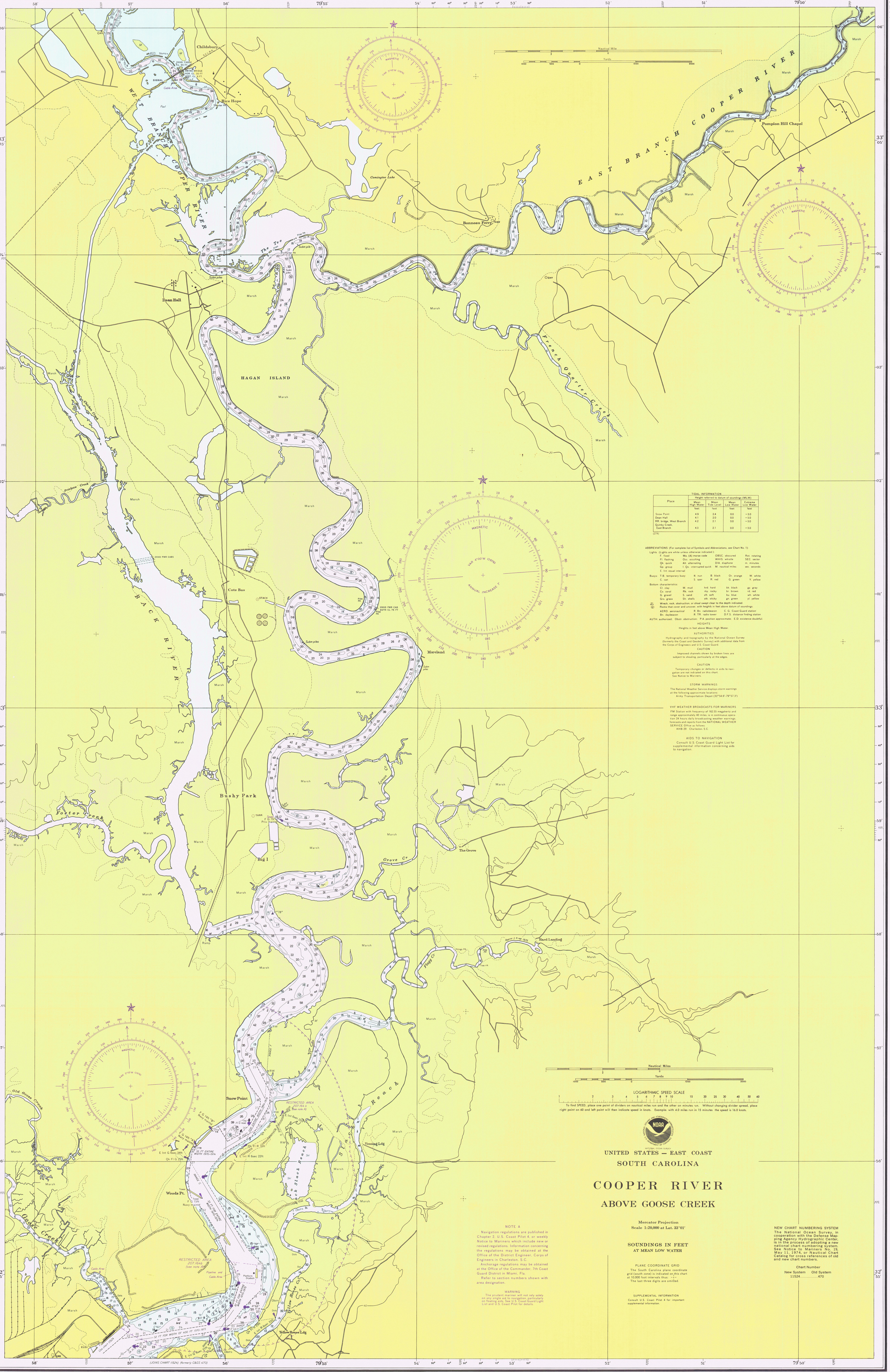

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLW)			
	Mean High Water	Mean Tide Level	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Snow Point	4.9	2.4	0.0	−3.0
Dean Hall	4.1	2.0	0.0	−3.0
RR bridge, West Branch	4.2	2.1	0.0	−3.0
Quinby Creek, East Branch	4.3	2.1	0.0	−3.0

(274)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1):

Lights (Lights are white unless otherwise indicated.):
F. fixed; Mo. (A) morse code; OBSC. obscured; Rot. rotating
Fl. flashing; Occ. occulting; WHIS. whistle; SEC. sector
Qk. quick; Alt. alternating; DIA. diaphone; m. minutes
Gp. group; I. Qk. interrupted quick; M. nautical miles; sec. seconds
E. Int. equal interval

Buoys: T.B. temporary buoy; N. nun; B. black; Or. orange; W. white
C. can; S. spar; R. red; G. green; Y. yellow

Bottom characteristics:
Cl. clay; M. mud; hrd. hard; bk. black; gy. gray
Co. coral; Rk. rock; rky. rocky; br. brown; rd. red
G. gravel; S. sand; sft. soft; bu. blue; wh. white
Grs. grass; Sh. shells; stk. sticky; gn. green; yl. yellow

21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

AERO. aeronautical; R. Bn. radiobeacon; C. G. Coast Guard station
Bn. daybeacon; R. TR. radio tower; D.F.S. distance finding station

AUTH. authorized; Obstr. obstruction; P.A. position approximate; E.D. existence doubtful.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Survey (formerly the Coast and Geodetic Survey) with additional data from the Corps of Engineers and U.S. Coast Guard.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

STORM WARNINGS

The National Weather Service displays storm warnings at the following approximate locations:
Army Transportation Depot (32°54.6'-79°57.3')

VHF WEATHER BROADCASTS FOR MARINERS

FM Station with frequency of 162.55 megahertz and range approximately 40 miles, is in continuous operation 24 hours daily broadcasting weather warnings, forecasts and reports from the NATIONAL WEATHER SERVICE Office as follows:
KHB-29 Charleston, S.C.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

Nautical Miles

Yards

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on nautical miles run and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in knots. Example: with 4.0 miles run in 15 minutes the speed is 16.0 knots.

NOAA

NATIONAL OCEAN SURVEY

UNITED STATES — EAST COAST

SOUTH CAROLINA

COOPER RIVER

ABOVE GOOSE CREEK

Mercator Projection
Scale 1:20,000 at Lat. 33°01'

SOUNDINGS IN FEET
AT MEAN LOW WATER

PLANE COORDINATE GRID

The South Carolina plane coordinate grid (south zone) is indicated on this chart at 10,000 foot intervals thus: -+-
The last three digits are omitted.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4, or weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained at the Office of the District Engineer, Corps of Engineers in Charleston, S.C.

Anchorage regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Fla.

Refer to section numbers shown with area designation.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NEW CHART NUMBERING SYSTEM

The National Ocean Survey, in cooperation with the Defense Mapping Agency Hydrographic Center, is in the process of adopting a new national chart numbering system. See Notice to Mariners No. 19, May 11, 1974, or Nautical Chart Catalog for cross references of old and new chart numbers.

Chart Number	
New System	Old System
11524	470

CAUTION

This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the print date shown in the lower left hand corner.

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

FILE COPY

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

(Cooper River)
SOUNDINGS IN FEET - SCALE 1:20,000

11527 (formerly C&GS 680)