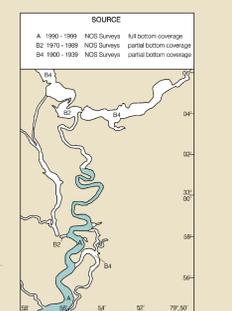


**SOURCE DIAGRAM**  
The outlined areas represent the limits of the most recent hydrographic survey information that has been available for charting. Surveys have been based on the diagram by date and type of survey. Charts maintained by the U.S. Army Corps of Engineers are periodically reexamined and are not shown on the diagram. Refer to Chapter 1, United States Coast Pilot.



**TECHNICAL INFORMATION**

NAME	PLACE	HEIGHT (feet above datum)	HEIGHT (feet above MLLW)
Quincy Creek Bridge, East Branch	(33°07'N 79°15'W)	3.7	0.3
Quincy Creek Bridge, West Branch	(33°07'N 79°15'W)	2.1	1.3
Quincy Creek Entrance	(33°07'N 79°15'W)	0.8	0.0
Cooper Creek, North Entrance	(33°07'N 79°15'W)	0.0	0.0

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

Absorption	Ab	Atmosphere	At
Admiralty	Ad	Barometer	Bar
Aluminum	Al	Bottom	Bot
Anchor	An	Channel	Ch
Beam	Be	Current	Cur
Block	Bl	Depth	Dep
Bottom	Bot	Distance	Dis
Bridge	Br	Direction	Dir
Buoy	B	Duration	Dur
Canal	Ca	Electricity	El
Cable	C	Force	F
Cable	Ca	Frequency	Freq
Cable	Ca	Height	H
Cable	Ca	Latitude	Lat
Cable	Ca	Longitude	Lon
Cable	Ca	Magnetic	M
Cable	Ca	Mean	Me
Cable	Ca	Minimum	Min
Cable	Ca	Maximum	Max
Cable	Ca	Normal	N
Cable	Ca	North	N
Cable	Ca	South	S
Cable	Ca	True	T
Cable	Ca	Vertical	V
Cable	Ca	Water	W
Cable	Ca	Wind	W
Cable	Ca	Year	Y

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

**CAUTION**  
Improved channels shown by broken lines are subject to shoaling, particularly at the angles.

**NOAA WEATHER RADIO BROADCASTS**  
The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 25 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

**CHARTER**  
Charter U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

**RADAR REFLECTORS**  
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

**CAUTION**  
Charted submarine pipelines and submarine cables and submarine pipelines and cables are shown as follows:  
Submarine Pipeline  
Submarine Cable  
Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. All submarine pipelines and submarine cables are required to be marked, and those that were originally charted may have become inoperative. Mariners should exercise caution when operating vessels in depths of water comparable to their draft over these pipelines and cables and, when anchoring, mooring, or making ground, should be marked by lights or unlighted buoys.

**COOPER RIVER**  
TABLED FROM SURVEYS BY THE CORPS OF ENGINEERS AND SURVEYS TO SEP 2011

NAME OF CHANNEL	CONTROLLING DEPTH FROM SURVEY IN FEET AT MEAN LOWER LOW WATER SURVEY		DATE OF SURVEY	PROJECT ENDINGS	
	DEPTH	DATE		DEPTH	DATE
COOPER RIVER	30.0	30.0	4/78	6/11/11	10/000 1/0 10
RANGE A	30.0	30.0	3/61	3/61	800/00 7/1 10
RANGE B	30.0	30.0	1/61	1/61	800/00 4/1 10
RANGE C	30.0	30.0	5/61	5/61	800/00 1/1 10
RANGE D	30.0	30.0	3/61	3/61	800/00 2/1 10
RANGE E	30.0	30.0	3/61	3/61	800/00 3/1 10

**ACKNOWLEDGMENT**  
The National Ocean Service acknowledges the additional cooperation received from members of the Lake Murray Power Station, District 25, United States Power Corporation for providing essential information for making this chart.

**NOTE A**  
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, The Coast Guard District 1, Marine, PA, or at the Office of the District Engineer, Corps of Engineers in Charleston, S.C.

**HORIZONTAL DATUM**  
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which, for charting purposes, is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.11' northward and 0.08' westward to agree with this chart.

**WARNING**  
The product of this chart may be used only on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

**HURRICANES AND TROPICAL STORMS**  
Hurricanes, tropical storms and other major storms may cause considerable change to water depths, aids to navigation and moored vessels, resulting in submerged obstructions in known locations. Charted soundings, channel depths and obstructions may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, overturned or otherwise made inoperative. Mariners should not rely upon the position or operation of any aid to navigation. Uncharted obstructions may have been discovered from uncharted locations. Pipelines may have become uncharted or moved. Mariners are urged to exercise extreme caution and are required to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard Unit.

**COOPER RIVER**  
TABLED FROM SURVEYS BY THE CORPS OF ENGINEERS AND SURVEYS TO SEP 2011

NAME OF CHANNEL	CONTROLLING DEPTH FROM SURVEY IN FEET AT MEAN LOWER LOW WATER SURVEY		DATE OF SURVEY	PROJECT ENDINGS	
	DEPTH	DATE		DEPTH	DATE
COOPER RIVER	30.0	30.0	4/78	6/11/11	10/000 1/0 10
RANGE A	30.0	30.0	3/61	3/61	800/00 7/1 10
RANGE B	30.0	30.0	1/61	1/61	800/00 4/1 10
RANGE C	30.0	30.0	5/61	5/61	800/00 1/1 10
RANGE D	30.0	30.0	3/61	3/61	800/00 2/1 10
RANGE E	30.0	30.0	3/61	3/61	800/00 3/1 10



UNITED STATES  
SOUTH CAROLINA - EAST COAST  
**COOPER RIVER**  
ABOVE GOOSE CREEK

Mercaator Projection  
Scale 1:20,000 at Lat. 33°01'  
North American Datum of 1983  
(World Geodetic System 1984)  
**SOUNDINGS IN FEET**  
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.

**PLANE COORDINATE GRID**  
Based on NAD 1983  
The South Carolina plane coordinate grid (shown) is indicated on this chart at 10,000 foot intervals. True  
The last three digits are omitted.

**SUPPLEMENTAL INFORMATION**  
Consult U.S. Coast Pilot 4 for important supplemental information.

**POLLUTION REPORTS**  
Report all spills of oil and hazardous substances to the National Response Center at 1-800-424-8802, 24 hours, or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

