VIRGINIA

SCALE 1:31680

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

HOWERTONS QUADRANGLE

7½ – MINUTE SERIES

(CAUTHORNVILLE) (MOUNT LANDING) (TAPPAHANNOCK)

77°00′ 57′30″ 55′ 76°52′30″ 37°52′30″ 37°45′

2440000 FT VA. S.

560000 FT VA. S.

1675000 YARDS

530000 FT VA. S.

2460000 FT VA. S.

1386000 YARDS 616000 YARDS

(KING WILLIAM) (KING AND QUEEN) (DUNNSVILLE) (TRUHART)

WALKERTON 2.5 MI. KING AND QUEEN 9.3 MI. STEVENSVILLE 3 MI. AYLETT 7.4 MI. TAPPAHANNOCK 4.9 MI. CENTER CROSS 6.4 MI. BOWLERS WHARF 8.6 MI.

C E N T R A L

N E W T O W N

R A P P A H A N N O C K

S T E V E N S V I L L E

Pauls Cross Roads
Rock of Ages Ch
Beulah Ch and Sch
Sturgeon Swamp
Mussel Swamp
Trinity Ch
Wright Millpond
Minor
Millers Tavern
St Pauls Ch
John Moncure Ch and Sch
Howertons
Howertons Ch
Dragon Run
Covington Bridge
Bestland
Bestland Az Mk
Dogwood Fork
Dragon Swamp
Jones Bridge
Bethlehem Ch
Bruington
Newtown Stevensville
Garnetts Creek
Powcan
Smyrna Ch and Cem
Providence Ch
Prince
Daisy
Crouch
Henleys Fork
Edge Hill Sch
Virginia State Fish Hatchery
Exel Swamp

BM USGS 135
BM B88 158
BM C88 155
BM P284 176
BM D88 176
BM E88 165
BM N284 155
BM M284 174
BM L284 149
BM K284 164
BM J284 151
BM C274 163
BM D274 153
PTS 33 USGS 176

Scale 1:31680

1 Mile
2000 Yards

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

ONE THOUSAND YARD GRID COMPUTED FROM "GRID SYSTEM FOR PROGRESSIVE MAPS IN THE U. S." ZONE A; U. S. C. & G. S. SPECIAL PUBLICATION NO. 59
THE 8 GRID IS INDICATED BY DASHED TICKS
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED
THE STATE GRIDS ARE INDICATED AT 10,000 FOOT INTERVALS

NOTE: OFFICERS USING THIS MAP WILL MARK HEREON CORRECTIONS AND ADDITIONS WHICH COME TO THEIR ATTENTION AND MAIL DIRECT TO "THE CHIEF OF ENGINEERS, WASHINGTON, D. C."

Mapped by the U. S. Coast and Geodetic Survey under the direction of the Chief of Engineers, U. S. Army, 1942.
Control by U.S.G.S. and U.S.C.&G.S.
Planimetry by U.S.C.&G.S. from 1942 air photographs.
Planetable topography and field edit by U.S.C.&G.S., 1944.
Polyconic projection, North American datum of 1927.
Recoverable horizontal control stations of less than third order accuracy are shown by circles.

ROAD AND BRIDGE CLASSIFICATION 1944

Dependable hard-surface, heavy-duty road.
Loose-surface graded, dry-weather road.
U. S. route 74
Secondary, hard-surface, all-weather road.
Dirt road.
State route 26
More than two lanes indicated by note along road with tick at point of change 3 LANE | 4 LANE

THIS MAP COMPLIES WITH THE NATIONAL STANDARD MAP ACCURACY REQUIREMENTS

3°50′ 68 MILS
2°25′ 43 MILS
MAGNETIC NORTH
GRID NORTH

APPROXIMATE MEAN DECLINATION 1944
NO ANNUAL MAGNETIC CHANGE

Use diagram only to obtain numerical values. To determine magnetic north line, connect the pivot point "P" on the south edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH, as plotted on the degree scale at the north edge of the map.

REPRODUCED BY THE U. S. COAST AND GEODETIC SURVEY. ARS NO. 121518

WOODLAND CLASSIFICATION

Dense woodland
Scattered brush and trees
Marsh or swamp
Dense Brush
Orchard
Low ground, intermittently flooded

HOWERTONS, VA.
N3745–W7652.5/7.5
EDITION OF 1945

U. S. G. S. FILE COPY projection and data

USGS
Historical File
Topographic Division