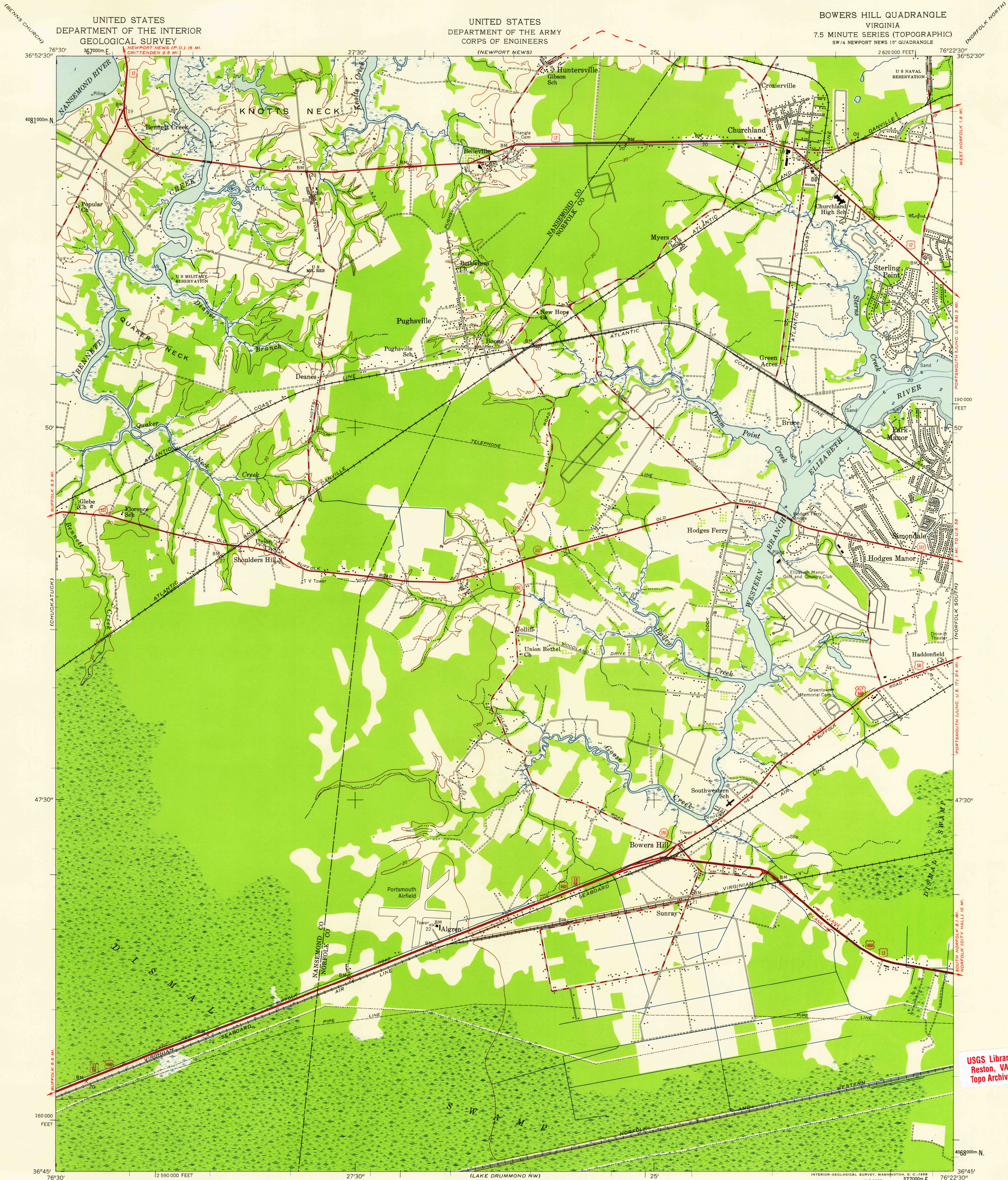




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

BOWERS HILL QUADRANGLE
VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW 1/4 NEWPORT NEWS 15' QUADRANGLE

Mapped by the Army Map Service
Published for civil use by the Geological Survey
Control by USGS and USC&GS
Topography by planetable surveys 1944. Culture revised
from aerial photographs by photogrammetric methods
Aerial photographs taken 1952. Field check 1955
Hydrography compiled from USC&GS charts 452 and 529 (1952)
Polyconic projection. 1927 North American datum
10,000-foot grid based on Virginia coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1955

SCALE 1:24000
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 10 20 30 40 50 60 70 80 90 100 METERS
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 3 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division
QUADRANGLE LOCATION
VIRGINIA

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U.S. Route ——— State Route ———

BOWERS HILL, VA.
SW 1/4 NEWPORT NEWS 15' QUADRANGLE
N 3645—W 7622.5/7.5

1955
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