



Mapped by U. S. Coast and Geodetic Survey
Edited and published by the Geological Survey
Control by USC&GS (C), USCE (E), and Florida Geodetic Survey (F)
Culture and drainage compiled from aerial
photographs taken 1952 and 1956
Topography by planetable surveys 1952. Field check 1956
Hydrography from USC&GS charts 843 (1957), 1244 (1958),
1245 (1958), and supplementary information
Polyconic projection
10,000-foot grid based on Florida coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue. 1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 26 meters south and
19 meters west as shown by dashed corner ticks
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

UTM GRID AND 1988 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
Red tint indicates area in which only landmark buildings are shown
Dashed land lines indicate approximate locations

SCALE 1:24,000
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
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
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt - - - - -
Interstate Route U.S. Route State Route
QUADRANGLE LOCATION
NEW SMYRNA BEACH, FLA.
SW/4 PORT ORANGE 15' QUADRANGLE
29080-A8-TF-024
1956
PHOTOREVISED 1988
DMA 4842 III SW—SERIES V647
Revision shown in purple compiled from aerial photographs OCT 24 1988
taken 1984 and other sources. This information not
field checked. Map edited 1988
Purple tint indicates extension of urban areas
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