UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FORT PIERCE QUADRANGLE
FLORIDA—ST. LUCIE CO.
7.5 MINUTE SERIES ORTHOPHOTOQUAD
(TOPOGRAPHIC—BATHYMETRIC)

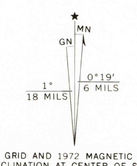
PUBLISHED JOINTLY BY THE U. S. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, THE U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEAN SURVEY, IN COOPERATION WITH STATE OF FLORIDA AGENCIES

Orthophotograph prepared by the Geological Survey from 1:76,000-scale aerial photograph taken December 24, 1972
Photoimagery transformed by simple rectification

Experimental metric hypsography derived from unchecked photogrammetric compilation and interpolated from 5-foot contours
The contour intervals are based upon slope of the bottom, source data and scale of maps

Bathymetry and shoreline compiled by the National Ocean Survey
Bathymetry from hydrographic surveys
Supplemented with other hydrographic sources. Shoreline (mean high and low water lines) from State of Florida and National Ocean Survey
1:10,000-scale Coastal Zone maps TP00155 and 00156, tide coordinated aerial photography dated 1970, field edited 1972 and 1973

Projection and 10,000-foot grid: Florida coordinate system, east zone (transverse Mercator)
1000-metre Universal Transverse Mercator grid, zone 17
1927 North American datum



UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

For hydrographic boundary data contact Bureau of Coastal and Land Boundaries, Department of Natural Resources, Tallahassee, Florida 32304

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETRE

CONTOUR INTERVAL 2 METRES
DOTTED LINES REPRESENT 1-METRE CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 1 METRE SUPPLEMENTED BY ½ METRE CONTOUR (gray)—DATUM IS MEAN LOW WATER

MEAN HIGH WATER SHOWN BY SOLID LINE. MEAN LOW WATER SHOWN BY DOTTED LINE AND TINT WHERE SCALE PERMITS
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.7 FOOT IN THE INDIAN RIVER AND 2.6 FEET IN THE ATLANTIC OCEAN

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS

PRINCIPAL NUMBERED HIGHWAYS
Interstate Route U. S. Route State Route

QUADRANGLE LOCATION

EXPERIMENTAL PRINTING

This quadrangle area also covered by 1:24,000-scale topographic map

FORT PIERCE, FLA.
N2722.5—W8015/7.5

1972

AMS 4938 IV NE—SERIES V047

NOT TO BE USED FOR NAVIGATION

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1975