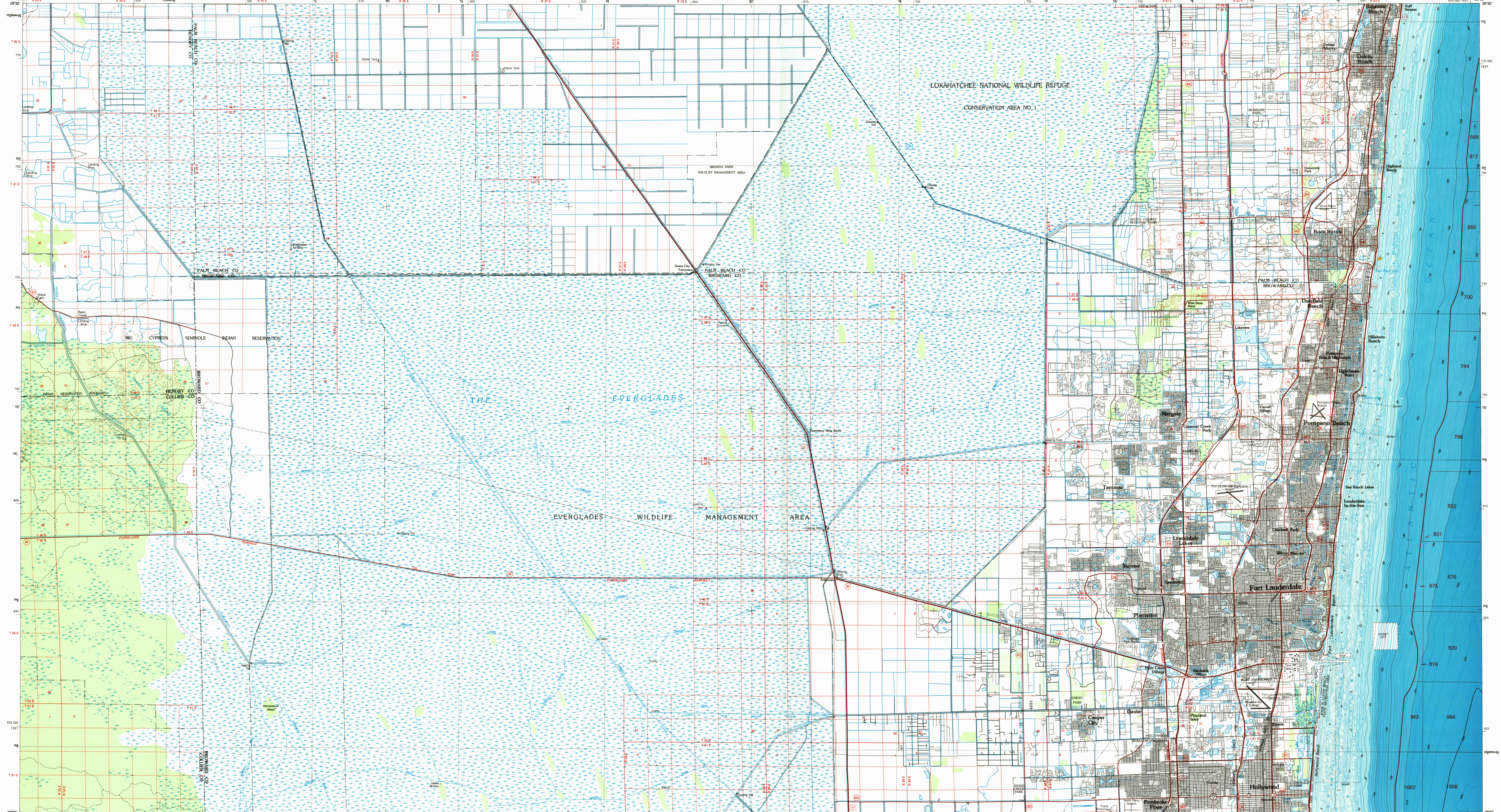


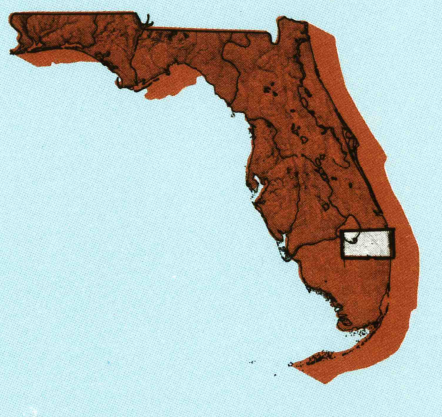
FORT LAUDERDALE, FLORIDA

30 X 60 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC)



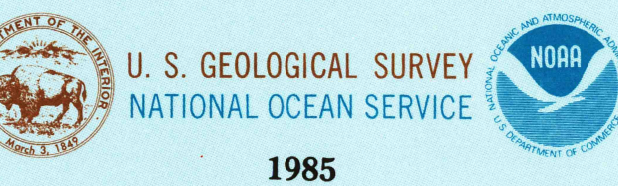
Fort Lauderdale FLORIDA

1:100 000-scale metric topographic-bathymetric map



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Bathymetric contours in meters



Produced by the United States Geological Survey and the National Ocean Service

Consolidated from USGS 1:100 000-scale topographic maps dated 1962-1974 and orthophotographs dated 1973-74. Planimetry revised from aerial photographs taken 1973 and other source data. Revised information not field checked. Map dated 1985.

Bathymetry compiled by the National Ocean Service from tide-coordinated bathymetric surveys. This information is not intended for navigational purposes.

Mean low water (dotted) line and mean high water (heavy solid) line compiled by NGS from tide-coordinated aerial photographs. Appearances (outer edge of vegetation) shown by light solid line.

Projection and 10 000-meter grid, zone 17, Universal Transverse Mercator 23 000-foot grid ticks based on Florida coordinate system, and zone 18E North American Datum.

Origin on the projected North American Datum 1983, north-south projection lines 38 meters south and 22 meters west.

Other projection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate State of Florida Contingent Staff Official Protection Diagram dated February 3, 1977. The protection on this map is not for Federal housing purposes, for such purposes, refer to OCS Official Protection Diagrams available from the Minerals Management Service.

There may be private holdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL: 5 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER

BATHYMETRIC CONTOUR INTERVAL: 2 METERS WITH SUPPLEMENTARY 1-METER CONTOURS-MEAN LOW WATER DATUM

THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

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

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5275
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8

1 Fort Myers
2 West Palm Beach
3 Naples
4 Everglades City
5 Miami

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, private street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U. S. State
- Railroad: standard gage, narrow gage
- Bridge: overpass, underpass
- Tunnel: road, railroad
- Built up area, locality, elevation
- Airport: landing field, landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township, section
- Range, township, section line, prominent
- Power transmission line, pipeline
- Dam; dam with lock
- Cemetery, building
- Miscellaneous: water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground; picnic area, U. S. location monument
- Ruin; cliff dwelling
- Dotted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake: perennial, intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamps
- Land subject to controlled inundation, woodland
- Shrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

FOR SALE BY U.S. GEOLOGICAL SURVEY
P.O. BOX 25286, DENVER, COLORADO 80225
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
BATHYMETRIC MAPS FOR SALE BY NOS ONLY

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