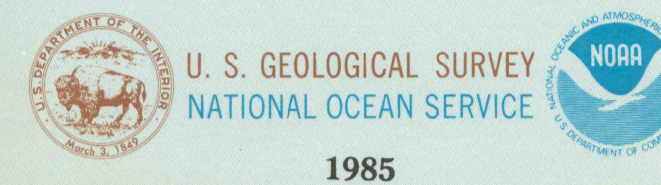


30 X 60 MINUTE QUADRANGLE
SHOWING

- 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

Compiled from USGS 1:100,000-scale topographic maps dated 1949-1973 and other maps dated 1973-78. Primarily revised from aerial photographs taken 1973 and other source data. Revised information on field checked. May reflect 1985.

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigation. Mean low water (MLLW) line and mean high water (MHW) solid line compiled by NOAA from hydrographic and other data. Apparent shoreline (outer edge of vegetation) shown by light solid line.

Projection and 18 000-meter grid, zone 17, Universal Transverse Mercator (UTM) and grid ticks based on Florida coordinate system, zone 17, 1927 North American Datum. To align with the published North American Datum 1983, move the projection from 38 meters north and 22 meters west.

Other projection system data, shown in red, furnished by the Minerals Management Service. Heavy blue outlines (basis of Outer Continental Shelf Official Protection Diagrams dated February 2, 1977). This information is for informational purposes only. For each purpose, refer to OCS Official Protection Diagrams available from the Minerals Management Service. There may be private subdivisions within the boundaries of the National or State reservation shown on this map.

CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1989
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY 1 METER CONTOURS NEAR LOW WATER DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

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

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	UTM	ON	1	2
1	3.2808	18	175	4	5
2	6.5617	19	176	5	6
3	9.8425	20	177	6	7
4	13.1234	21	178	7	8
5	16.4042	22	179		
6	19.6850	23	180		
7	22.9659	24	181		
8	26.2467	25	182		
9	29.5275	26	183		
10	32.8084	27	184		

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

UTM grid convergence (at 27°N)
UTM grid convergence (at 27°N)
UTM grid convergence (at 27°N)
UTM grid convergence (at 27°N)

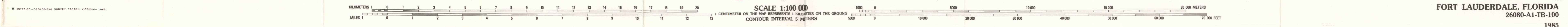
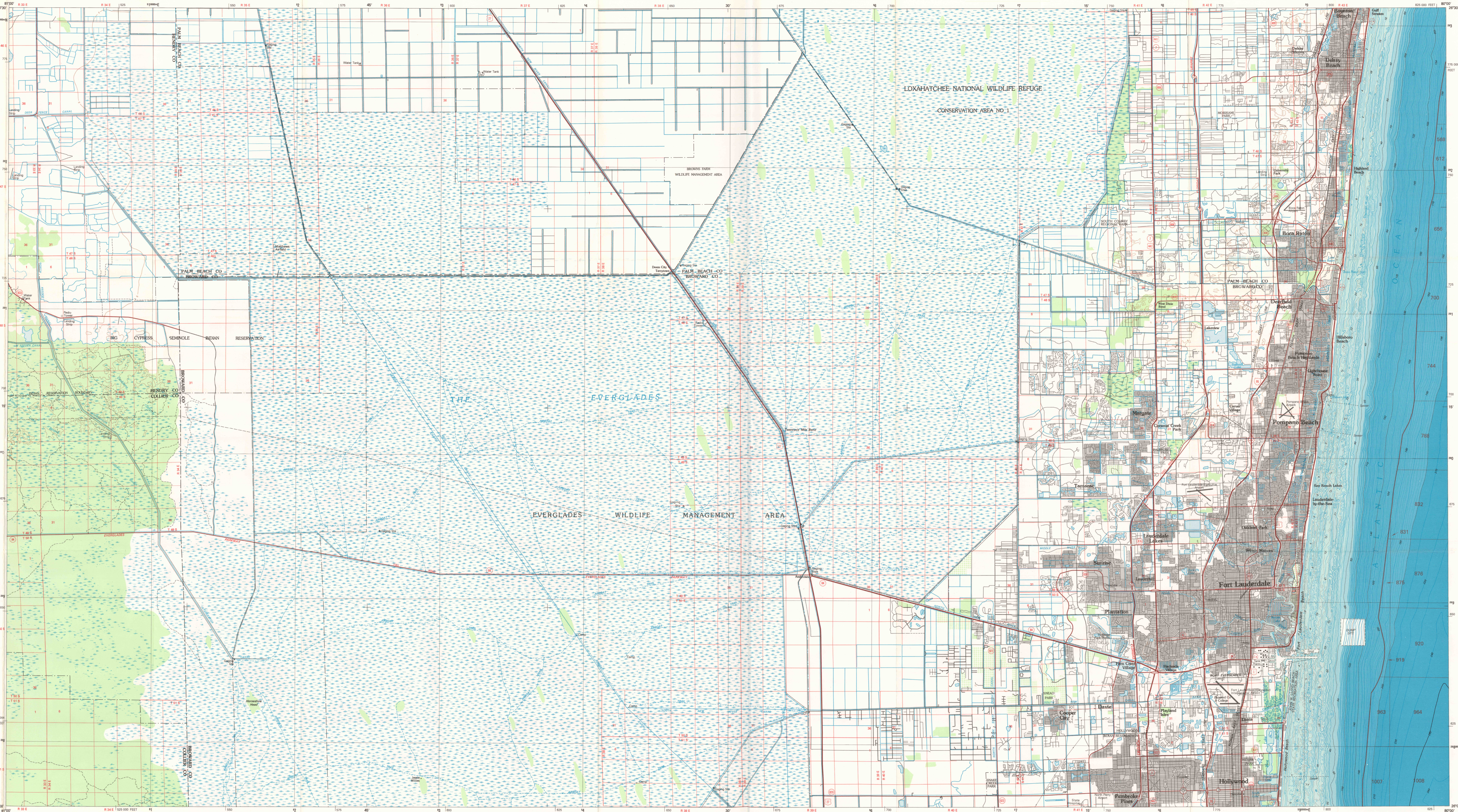
1 Fort Myers
2 West Palm Beach
3 Naples
4 Everglades City
5 Miami

FORT LAUDERDALE
D-807-14470-X
FL TB
DENVER, CO 100
AND NATIONAL 7782207142753
A 22092
AND 20852

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Road 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 land survey: range, township, section
- Range, township, section line, reserved
- Power transmission line: pipeline
- Dam, dam with lock
- Cemetery: building
- Wellhead, water well, spring
- Mine shaft: adit or cave, mine, quarry, gravel pit
- Campground: picnic area, U. S. location monument
- Railroad: old dwelling
- Disturbed surface: strip mine, low sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake, reservoir, intermittent
- Rapid, large and small, fall, large and small
- Area to be submerged, marsh, swamp
- Land subject to controlled inundation: woodland
- Soak, mangrove
- Ordered: viewshed

A pamphlet describing topographic maps is available on request



HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING
H-4811	1926	1:20,000	60-15
H-4812	1929	1:20,000	60-30
H-4813	1929	1:20,000	60-30
H-4814	1929	1:20,000	60-30
H-4815	1929	1:20,000	60-30
H-4816	1929	1:20,000	60-30
H-4817	1929	1:20,000	60-30
H-4818	1929	1:20,000	60-30
H-4819	1929	1:20,000	60-30
H-4820	1929	1:20,000	60-30



Photographic copies of the above and prior surveys may be obtained at the cost of reproduction by addressing the Director, INCO-343 National Ocean Service, National Oceanic and Atmospheric Administration, Norfolk, Virginia 23503