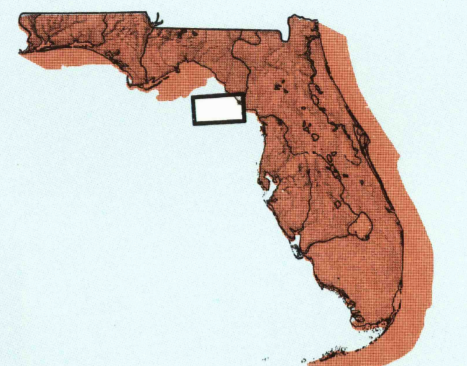


CEDAR KEYS, FLORIDA

30 X 60 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC)

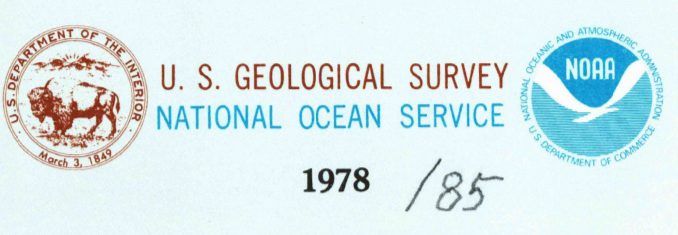
Cedar Keys FLORIDA

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 National Ocean Service
 Compiled from USGS 1:24 000-scale topographic maps dated 1954-1955
 Planimetry revised from aerial photographs taken 1977 and other source data. Revised information not field checked. Map dated 1978.
 Bathymetry added 1984.
 Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes.

Mean low water (dotted) line and mean high water (heavy solid) line compiled by NOAA from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line.
 Projection and 10 000-meter grid, zone 17, Universal Transverse Mercator 25 000-meter grid based on Florida coordinate system, north and west zones.
 To place on the predicted North American Datum 1983 move the projection line 28 meters south and 12 meters west.
 Obsolete projection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagram dated June 2, 1982. The protection on this map are not for Federal licensing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagrams available from the Minerals Management Service.

CONTOUR INTERVAL 5 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY 1-METER CONTOUR INTERVAL IN DEEPER WATER.
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE.

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 14 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS.

CONVERSION TABLE		DECLINATION DIAGRAM		AZIMUTH MAPS		
Meters	Feet	GN	MN	1	2	3
1	3.2808			4	5	
2	6.5616			6	7	8
3	9.8424			1	2	3
4	13.1232			4	5	
5	16.4040			7	8	
6	19.6848			1	2	3
7	22.9656			4	5	
8	26.2464			7	8	
9	29.5272			1	2	3
10	32.8080			4	5	

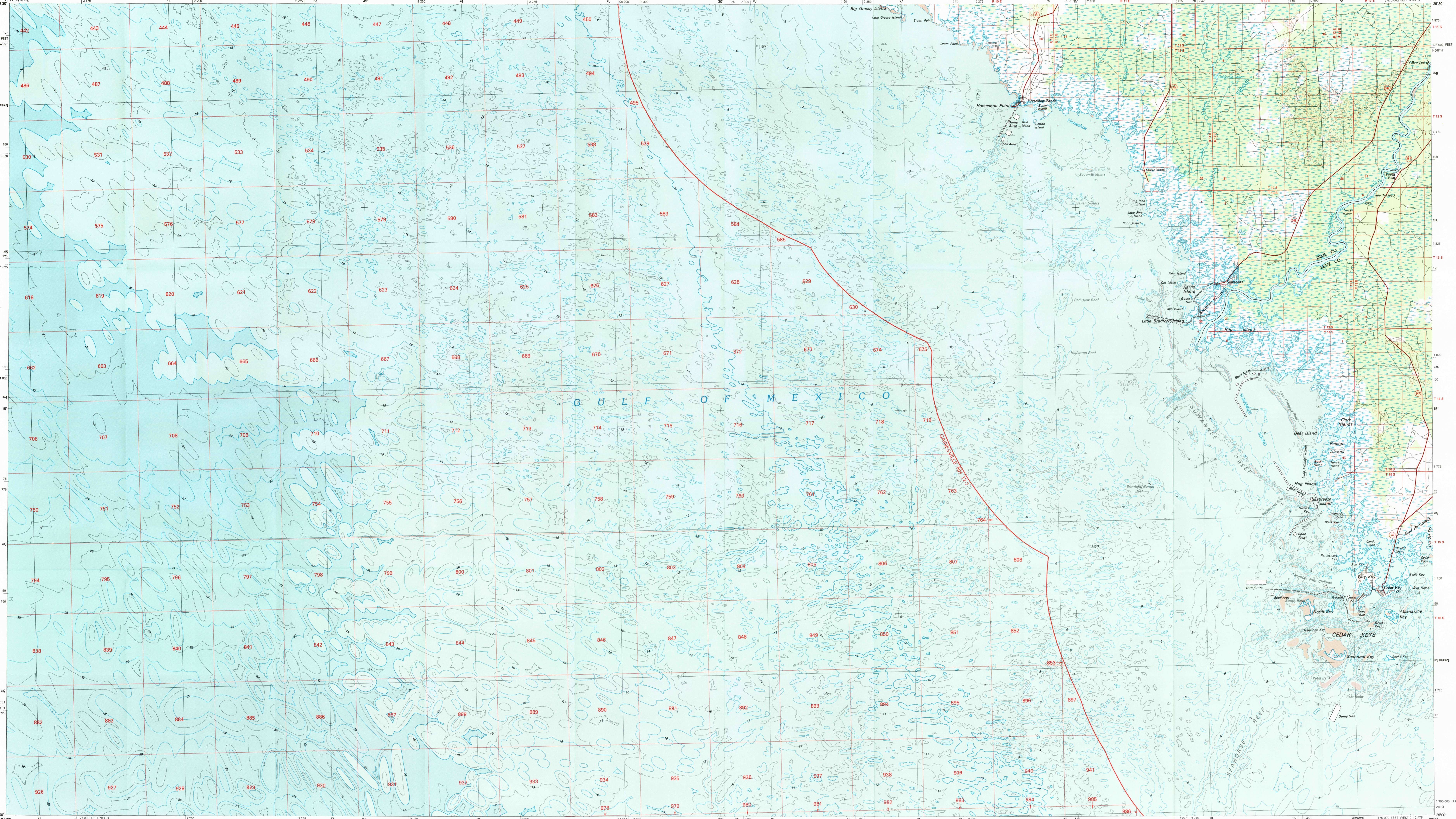
To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048
 UTM grid convergence (meters) at center of map diagram is approximately 27.1515

ISBN 0-107-13038-1
 9 780607 136395

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, road or improved surface
- Other road or street, road
- Route marker, Interstate, U.S. State
- Railroad, standard gage, narrow gage
- Bridge, overpass, underground
- Tunnel, road, railroad
- Built up area, locality, elevation
- Airport, landing field, landing strip
- Natural boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U.S. public lands survey, range, township, section
- Range, township, section line, protected
- Power transmission line, pipeline
- Canal, dam with lock
- Cemetery, building
- Well, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Compass rose, U.S. section monument
- Ruin, cliff dwelling
- Distorted surface, strata, 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, wetlands, distribution, (BML)
- Land subject to controlled inundation, wooded
- Swamp, mangrove
- Other, vineyard

A pamphlet describing topographic maps is available on request



SCALE 1:100 000
 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
 CONTOUR INTERVAL 5 METERS

RETURN TO:
 USGS WMD HISTORICAL MAP ARCHIVES
 1978

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE	DEPTH RANGING IN METERS
H-424	1864	1:20,000	11	01-40
H-517	1865	1:20,000	12	50
H-1072	1865	1:20,000	20-40	
H-789	1876	1:20,000	30-50	
H-1376	1877	1:20,000	30-50	
H-1375	1877	1:20,000	11-50	
H-1374	1877	1:20,000	10-40	
H-1461	1886	1:20,000	20-40	
H-1373	1887	1:40,000	20-30	
H-1368	1892	1:40,000	20-40	
H-1369	1896	1:40,000	10-15	
H-1367	1876	1:40,000	10-15	
H-1364	1876-77	1:40,000	10-15	
H-1362	1876-77	1:40,000	10-15	

