



USGS
Metroloral File
Topographic Division
1:100 000-scale metric
topographic map of
New Smyrna Beach
FLORIDA

30 X 60 MINUTE QUADRANGLE
SHOWING

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

1978

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1970. Planimetry revised from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1978.
Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator
25 000-foot grid ticks based on Florida coordinate system, east zone
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 25 meters south and 20 meters west
There may be private inholdings 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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MN	GN	1	2	3
1	3.2808	+	+	4	5	
2	6.5617	+	+	6	7	8
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

UTM grid convergence (GA) and 1978 magnetic declination (MD) at center of map
Diagram is approximate

1 Saint Augustine
2
3
4 Daytona Beach
5
6 Orlando
7 Titusville
8

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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	—
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: protracted	—
Power transmission line, pipeline	—
Dam, dam with lock	—
Cemetery, building	—
Windmill, water well, spring	—
Mine shaft, adit or cave, mine, quarry, gravel pit	—
Campground, picnic area, U. S. location monument	—
Ruins, cliff dwelling	—
Distorted surface: strip mine, levi, sand	—
Contours: index, intermediate, supplementary	—
Bathymetric contours: index, intermediate	—
Stream, lake, reservoir, intermittent	—
Rapids, large and small; falls, large and small	—
Area to be submerged; marsh, swamp	—
Land subject to controlled inundation, woodland	—
Soils: mangrove	—
Orchard, vineyard	—

A pamphlet describing topographic maps is available on request

