

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all electronic features outside Special Flood Hazard Areas. The community map repository should be consulted for possible updated flood hazard information prior to use of this map for property purchase or construction purposes.

To obtain more detailed information in areas where Base Flood Elevations (BFE) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data Tables contained within this Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations and therefore may not exactly reflect the flood elevation data presented in the FIS report. For construction and/or floodplain management purposes, users are encouraged to use the flood elevation data presented in the FIS report in conjunction with the data shown on this FIRM.

Elevation Reference Marks (ERM) elevations listed on this map were obtained and/or developed to establish vertical control for determination of flood elevations and floodplain boundaries ported on this map. Users should be aware that these ERM elevations may have changed since the publication of this map. To obtain up-to-date elevation information on National Geographic Survey (NGS) ERMs shown on this map, please contact the Information Services Branch of the NGS at (301) 713-3242, or visit their website at WWW.NGS.NOAA.GOV. Most users should seek verification of non-NGS ERM monument elevations when using these elevations for construction or floodplain management purposes.

Coastal BFEs shown on this map apply only landward of 0.0 North American Vertical Datum of 1988. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of 50-Year Elevations table in the Flood Insurance Study report for the community. Elevations shown in the Summary of 50-Year Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Areas of special flood hazard (100-year flood) include Zones A, AE, AH, AO, AV, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the Flood Insurance Study Report.

Corporate limits shown on this map are based on the best data available. The user should contact appropriate community officials to verify the corporate limit delineations shown on this map.

For community map revision history prior to countywide mapping, see section 6.C of the Flood Insurance Study Report.

For adjoining map panels see separately printed Map Index.

DIGITAL DATA AVAILABILITY: Digital files containing the thematic floodplain information shown on this map can be made available on CD-ROM by request. The files are currently provided in Microsoft design (DGN) file format referenced to the Universal Transverse Mercator (UTM) projection and the North American Datum of 1983 (NAD 83). To obtain the digital files, send a written request to Flood Insurance Information Specialist, 2077 Prosperity Avenue, Fairfax, Virginia 22031. Telephone: (703) 875-0448, FAX: (703) 876-0072.

NOTE: The coordinate system used for the production of this Flood Insurance Study Map (FIRM) is Universal Transverse Mercator (UTM), North American Datum of 1983 (NAD 83). Clarke 1866 spheroid. Corner coordinates shown on the FIRM are in latitude and longitude referenced to the Universal Transverse Mercator projection, NAD 83. Differences in the datum and spheroid used in the production of FIRMs for adjacent counties may result in slight positional differences in map features at the county boundaries. These differences do not affect the accuracy of the information shown on the FIRM.

ATTENTION: The primary flood elevations shown on this map are referenced to the North American Vertical Datum of 1988 (NAVD 88). The NAVD 88 elevations are presented as rounded whole-foot values and should be used for NFIP purposes. The secondary flood elevations (shown in parentheses) under the NAVD 88 elevations are referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29). The NGVD 29 elevations should be used for informational purposes only. To convert from NAVD 88 to NGVD 29, add +1.3 feet. All flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For more information regarding elevations referenced to the same vertical datum, for more information regarding conversion between NGVD 29 and NAVD 88, contact the National Geodetic Survey at the following address:

State Reference System Division
National Geodetic Survey, NOAA
5-star Spring Main Center
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3819

BASE MAP SOURCE: Planimetric base map information for Collier County (unincorporated areas), City of Everglades and City of Marco Island was derived from U.S. Geological Survey 1:24,000 scale Digital Line Graphs. Planimetric base map information for the City of Naples was derived from Collier County geospatial data dated 2003 and provided by the City of Naples. Additional information may have been derived from other sources. Users of this FIRM should be aware that minor adjustments may have been made to specific base map features.

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION IN FEET	DESCRIPTION OF LOCATION
AW 393-1	4.15 NAVD 88 5.45 NGVD 29	1988 level station data located 8110 A, from intersection of 33rd Avenue South and Spruce Drive, approximately 66.1 feet north of centerline of 33rd Avenue South and approximately 25.4 feet east of centerline of Spruce Drive, elevation approximately 0.16 foot above ground surface.

1 North American Vertical Datum of 1988
2 National Geodetic Vertical Datum of 1929

USE NAVD ELEVATIONS FOR NFIP PURPOSES

ZONE VE (EL 16 NAVD 88) (EL 17.3 NGVD 29)

ZONE VE (EL 15 NAVD 88) (EL 16.3 NGVD 29)

ZONE VE (EL 14.3 NAVD 88) (EL 15.3 NGVD 29)

ZONE VE (EL 13 NAVD 88) (EL 14.3 NGVD 29)

ZONE VE (EL 12 NAVD 88) (EL 13.3 NGVD 29)

ZONE VE (EL 11 NAVD 88) (EL 12.3 NGVD 29)

COASTAL BASE FLOOD ELEVATIONS APPLY ONLY LANDWARD OF 0.0 FEET NAVD

ZONE VE (EL 13 NAVD 88) (EL 14.3 NGVD 29)

ZONE VE (EL 12 NAVD 88) (EL 13.3 NGVD 29)

ZONE VE (EL 11 NAVD 88) (EL 12.3 NGVD 29)

ZONE AE (EL 12 NAVD 88) (EL 13.3 NGVD 29)

ZONE AE (EL 11 NAVD 88) (EL 12.3 NGVD 29)



LEGEND

SPECIAL FLOOD HAZARD AREAS (UNDEVELOPED) BY 100-YEAR FLOOD

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AV** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X** Areas of 500-year flood, areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile, and areas protected by levees from 100-year flood.
- ZONE D** Areas determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.

UNDEVELOPED COASTAL BARRIERS*

- Identified 1983
- Identified 1990 or Later
- Otherwise Protected Areas Identified 1991 or Later

*Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.
- Base Flood Elevation Line: Elevation in Feet***
- Cross Section Line
- Transect Line
- Base Flood Elevation in Feet*** (EL 15 NAVD 88) (EL 16.3 NGVD 29)
- Elevation Reference Mark (RM7)
- River Mile (RM15)

**Referenced to the North American Vertical Datum of 1988
***Referenced to North American Vertical Datum of 1988 (NAVD 88) and National Geodetic Vertical Datum of 1929 (NGVD 29), respectively. NAVD 88 is representative of a range of values rounded to the nearest whole-foot. NGVD 29 is representative of +1.3 foot added to the NAVD 88 value. NAVD 88 for NFIP purposes.

MAP REPOSITORY
Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
NOVEMBER 17, 2005

EFFECTIVE DATES OF REVISIONS TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.

APPROXIMATE SCALE
0 500 1000 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

COLLIER COUNTY, FLORIDA AND INCORPORATED AREAS

PANEL 393 OF 1150
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY	NUMBER	PANEL	DATE
COLLIER COUNTY	39001	390	5
UNINCORPORATED AREAS	12000	393	6

MAP NUMBER 12021C0393G

EFFECTIVE DATE: NOVEMBER 17, 2005

Federal Emergency Management Agency

DEWBERRY & DAVIS LLC
E FRAME