

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. The community map repository should be consulted for floodway updates or additional features.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or Floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Elevation Data tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accuracy of flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and floodplain management.

Coastal Base Flood Elevations shown on this map apply only inlandward of 0.0 North American Vertical Datum of 1988 (NAVD 88). Users of the FIRM should be aware that coastal flood elevations are also provided in the Summary of Elevation Data tables in the Flood Insurance Study Report for the jurisdiction. Elevations shown in the Summary of Elevation Data tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were compiled at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for the jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for the jurisdiction.

The **projection** used in the preparation of this map was Florida State Plane East FIPS 8501. The **horizontal datum** was North American Datum of 1983 (NAD 83). CRS 1980 datum. Differences in datum, spheroid projection or State Plane Zones used in the production of FIRM for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
 NGA, NHD13
 National Geodetic Survey
 2583C, #2020
 1315 East-West Highway
 Silver Spring, Maryland 20910-3282
 (301) 713-3242

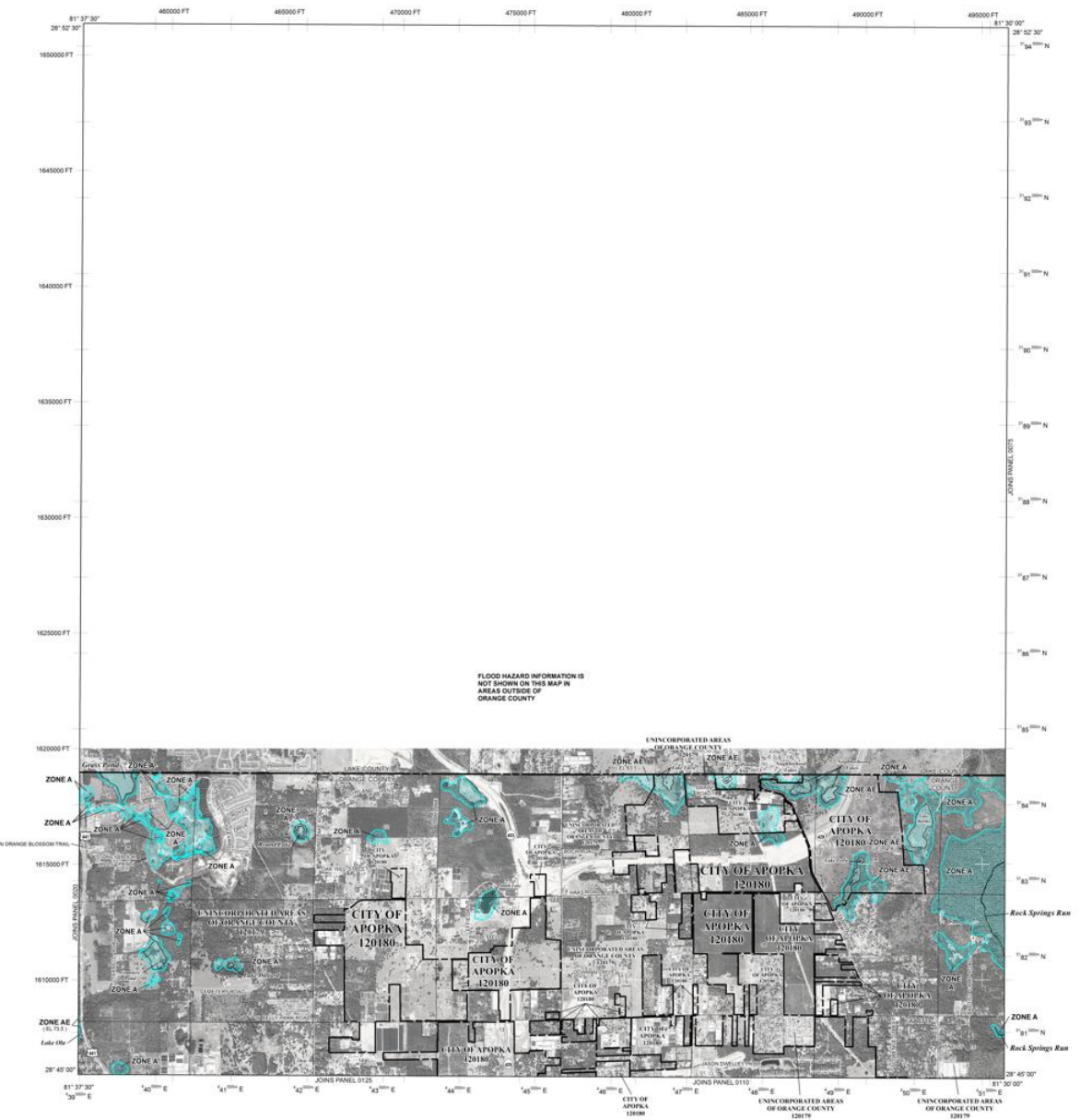
To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was provided in a digital format by the Orange County GIS Department and the Florida Department of Transportation. This map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than those shown on the previous FIRM for the jurisdiction. As a result, the Flood Profiles and Floodway Data tables for multiple streams in the Flood Insurance Study Report (which contain authoritative hydraulic data) may reflect stream channel dimensions that differ from what is shown on the map. Also, the need to floodplain relationships for unreviewed streams may differ from what is shown on previous maps.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred since this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a listing of Communities with National Flood Insurance Program data for each community as well as a listing of the panels on which each community is located.

For information and questions about this map, available products associated with this FIRM (including historic versions of the FIRM), how to order products or the National Flood Insurance Program in general, please call the FEMA Mapping and Insurance Exchange at 1-877-FEMA-MAP or visit the Map Service Center (MSC) website at <http://www.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital panels of this map. Many of these products can be ordered or obtained directly from the MSC website. Map users may determine if current map data for each FIRM panel by visiting the FEMA Map Service Center website or by calling the FEMA Mapping and Insurance Exchange.



FLOOD HAZARD INFORMATION IS NOT SHOWN ON THIS MAP IN AREAS OUTSIDE OF ORANGE COUNTY

LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO FLOODATION BY THE 1% ANNUAL CHANCE FLOOD
 The 1% annual chance flood (100-year flood) area shown on the Base Flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** No Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (locality areas of ponding); Base Flood Elevations determined.
- ZONE AD** Flood depths of 1 to 3 feet (locality areas of ponding); average depths determined; for areas of elevated floodways, water surface elevations determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently abandoned. Zone AR indicates that the former flood control system is being replaced by a similar protection from the 1% annual chance flood.
- ZONE AN** Areas to be protected from 1% annual chance flood event by a Federal Flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE
 The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachments so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS
ZONE X Areas of 1% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot, or with average areas less than 1 square mile, and areas protected by levees from 1% annual chance flood.

OTHER AREAS
ZONE D Areas determined to be outside the 1% annual chance floodway.
ZONE B Areas in which flood heights are undetermined and/or variable.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS
OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
 1% annual chance floodway boundary
 0.2% annual chance floodway boundary
 Floodway boundary
 Zone D boundary
 Zone V boundary

Boundary showing Special Flood Hazard Area Zones and boundary showing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
 Base Flood Elevation line and water elevation in feet
 Base Flood Elevation area when water surface elevation is in feet

(ELEV)
 * Refer to the North American Vertical Datum of 1988
 Cross section line
 Tidal limit line

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
 1000-meter Universal Transverse Mercator grid (UTM), zone 17
 6000000 FT
 6000000 FT

DATA
 M 1:5
 MAP REVISIONS
 Refer to Map Repository List on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE MAP
 DECEMBER 8, 2009

EFFECTIVE DATE OF REVISIONS TO THIS PANEL
 SEPTEMBER 24, 2020. To update response time, to change Base Flood Elevations, to add Base Flood Elevations, to add Special Flood Hazard Areas, to change Special Flood Hazard Areas, to delete Special Flood Hazard Areas, to add map panels, to update and/or add zones, to incorporate any newly issued Letters of Map Change, or to update hydrographic information, contact the National Flood Insurance Program, or refer to the following information:

May 4, 2021: To update response time, to change Base Flood Elevations, to add Base Flood Elevations, to change Special Flood Hazard Areas, to add Special Flood Hazard Areas, to change zone designations, to add map panels, or to update hydrographic information, contact the National Flood Insurance Program, or refer to the following information:

For community map revision history prior to chartable mapping, refer to the Community Map History table located in the Flood Insurance Study report for the jurisdiction.
 To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6625.



MAP SCALE 1" = 2000'

NFIP PANEL 6050H
FIRM
 FLOOD INSURANCE RATE MAP
 ORANGE COUNTY,
 FLORIDA
 AND INCORPORATED AREAS

PANEL 50 OF 750
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COMMUNITY	SUBSET PANEL BUYS
APOPKA, CITY OF	12095C 0050H
INCORPORATED AREAS	0050H

Notes: In this map, the Map Repository status shown should be used to determine if flood insurance is available in this community. For more information on the National Flood Insurance Program, visit www.fema.gov or call 1-800-638-6625.

MAP NUMBER
12095C0050H
 MAP REVISED
 September 24, 2021



NOVD 28 to NAVD 88 Vertical Datum Conversion Table (feet)

Waterbody Name	Minimum Conversion	Maximum Conversion	Average Conversion	Offset
Big Econohatchee River	-1.03	-1.15	-1.09	0.06
Big Lost River	-0.91	-1.03	-0.97	0.06
Cypress Creek	-0.97	-0.91	-0.94	0.03
Honey Branch	-0.96	-1.06	-0.99	0.07
Lake Apopka	-0.97	-0.97	-0.97	0.00
Lake Hill	-0.97	-1.07	-1.02	0.05
Lake Okechobee	-1.02	-1.02	-1.02	0.00
Little Havana River	-1.01	-1.02	-1.01	0.07
Moody Creek	-0.86	-0.89	-0.89	0.02
Orange Creek	-0.98	-0.98	-0.98	0.00
St. Johns River	-1.00	-1.03	-1.01	0.14
Wetzel River	-0.88	-1.01	-0.94	0.07