

# Soil Map—Orange County, Florida



**Natural Resources  
Conservation Service**

Web Soil Survey  
National Cooperative Soil Survey

5/20/2025  
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## MAP LEGEND

### Area of Interest (AOI)

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### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Orange County, Florida

Survey Area Data: Version 21, Aug 22, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 2, 2020—Sep 1, 2023

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
3	Basinger fine sand, frequently ponded, 0 to 1 percent slopes	669.2	14.5%
20	Immokalee fine sand	79.3	1.7%
26	Ona fine sand, 0 to 2 percent slopes	12.1	0.3%
34	Pomello fine sand, 0 to 5 percent slopes	45.3	1.0%
37	St. Johns fine sand	279.4	6.1%
38	St. Lucie fine sand, 0 to 5 percent slopes	26.3	0.6%
41	Samsula-Hontoon-Basinger association, depressional	1,715.6	37.2%
42	Sanibel muck	34.7	0.8%
44	Smyrna-Smyrna, wet, fine sand, 0 to 2 percent slopes	1,562.3	33.8%
54	Zolfo fine sand, 0 to 2 percent slopes	58.6	1.3%
99	Water	134.7	2.9%
<b>Totals for Area of Interest</b>		<b>4,617.7</b>	<b>100.0%</b>