

# Map Packages Data Layers Guide: Current Flood Risk

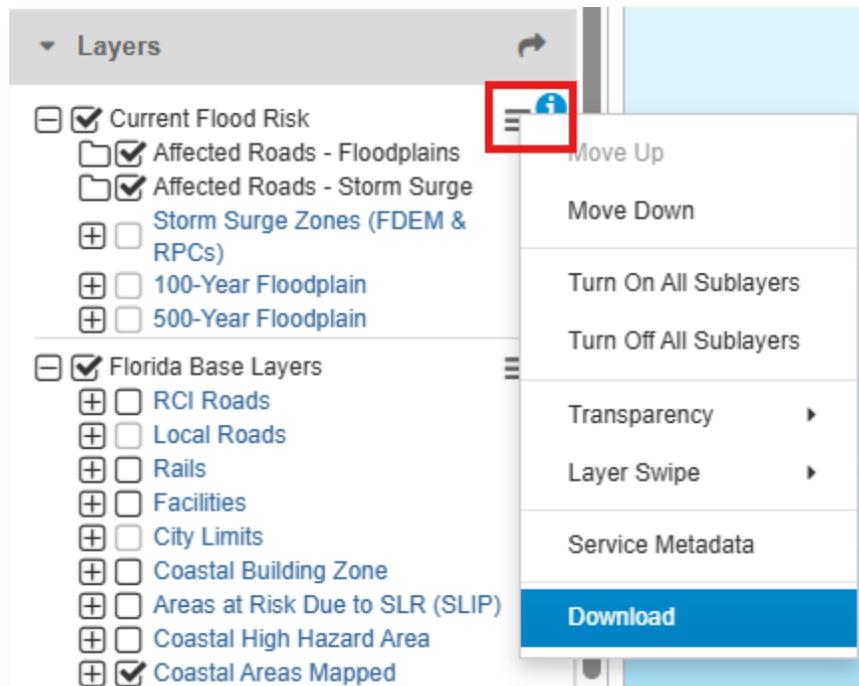
Sea Level Scenario Sketch Planning Tool, Version 4, December 2025

This document describes how to download map packages from the Sea Level Scenario Sketch Planning Tool map viewer and describes the GIS data included in package downloads.

This map package (.mpkx) contains a map document and the data referenced by the layers it contains, packaged into one convenient, portable file. The map packages were created with ArcGIS Pro 3.6 and can be accessed using ArcGIS Pro versions 3.0 and up.

## How to Download Map Packages

1. In the Map Viewer, click on the Layer Controls menu (the icon with three horizontal bars).
2. Click on “Download”. Save zip file to desired location.
3. Unzip/extract the downloaded file.
4. Open the map package in ArcGIS Pro.



## Data Layers Included in the Map Packages

### Current Flood Risk Layers Map Package

The Current Flood Risk Map Package contains 17 GIS data layers. For explanation of attributes, please see the metadata included with each data layer.

To view the layer's metadata in ArcGIS Pro: in the Table of Contents:

Right Click on Layer Name, Select View Metadata

### Current Flood Risk Layers

#### Affected Roads

##### **% RCI Roadway in 100-year Floodplain**

Percent of road segment in 100-year floodplain. Floodplain data from Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Maps (DFIRM) database; Roads data of FL Dept of Transportation Roads Characteristics Inventory (RCI) database, April 2025; analysis by UF GeoPlan, September 2025.

#### Affected Roads

##### **% Local Roadway in 100-year Floodplain**

Percent of road segment in 100-year floodplain. Floodplain data from Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Maps (DFIRM) database; Roads data from U.S. Census Bureau TIGER/Line database, December 2023; analysis by UF GeoPlan, September 2025.

#### Affected Roads

##### **% RCI Roadway in 100 & 500-year Floodplain**

Percent of road segment in 100 & 500-year floodplain. Floodplain data from Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Maps (DFIRM) database; Roads data of FL Dept of Transportation Roads Characteristics Inventory (RCI) database, April 2025; analysis by UF GeoPlan, September 2025.

#### Affected Roads

##### **% Local Roadway in 100 & 500-year Floodplain**

Percent of road segment in 100 & 500-year floodplain. Floodplain data from Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Maps (DFIRM) database; Roads data from U.S. Census Bureau

TIGER/Line database, December 2023; analysis by UF GeoPlan, September 2025.

#### Affected Roads

##### **% RCI Roadway in Cat 1 Storm Surge**

Percent of road segment in Hurricane Category 1 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from FL Dept of Transportation Roads Characteristics Inventory (RCI) database, April 2025; analysis by UF GeoPlan, September 2025.

#### [Affected Roads](#)

##### **% Local Roadway in Cat 1 Storm Surge**

Percent of road segment in Hurricane Category 1 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from U.S. Census Bureau TIGER/Line database December 2023; analysis by UF GeoPlan, September 2025.

#### [Affected Roads](#)

##### **% RCI Roadway in Cat 2 Storm Surge**

Percent of road segment in Hurricane Category 2 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from FL Dept of Transportation Roads Characteristics Inventory (RCI) database, April 2025; analysis by UF GeoPlan, September 2025.

#### [Affected Roads](#)

##### **% Local Roadway in Cat 2 Storm Surge**

Percent of road segment in Hurricane Category 2 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from U.S. Census Bureau TIGER/Line database December 2023; analysis by UF GeoPlan, September 2025.

#### [Affected Roads](#)

##### **% RCI Roadway in Cat 3 Storm Surge**

Percent of road segment in Hurricane Category 3 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from FL Dept of Transportation Roads Characteristics Inventory (RCI) database, April 2025; analysis by UF GeoPlan, September 2025.

#### [Affected Roads](#)

##### **% Local Roadway in Cat 3 Storm Surge**

Percent of road segment in Hurricane Category 3 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from U.S. Census Bureau TIGER/Line database December 2023; analysis by UF GeoPlan, September 2025.

#### [Affected Roads](#)

##### **% RCI Roadway in Cat 4 Storm Surge**

Percent of road segment in Hurricane Category 4 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from FL Dept of Transportation Roads Characteristics Inventory (RCI) database, April 2025; analysis by UF GeoPlan, September 2025.

## Affected Roads

### **% Local Roadway in Cat 4 Storm Surge**

Percent of road segment in Hurricane Category 4 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from U.S. Census Bureau TIGER/Line database December 2023; analysis by UF GeoPlan, September 2025.

## Affected Roads

### **% RCI Roadway in Cat 5 Storm Surge**

Percent of road segment in Hurricane Category 5 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from FL Dept of Transportation Roads Characteristics Inventory (RCI) database, April 2025; analysis by UF GeoPlan, September 2025.

## Affected Roads

### **% Local Roadway in Cat 5 Storm Surge**

Percent of road segment in Hurricane Category 5 storm surge. Surge zones from FL Division of Emergency Management/ Florida Regional Planning Councils; Roads data from U.S. Census Bureau TIGER/Line database December 2023; analysis by UF GeoPlan, September 2025.

## N/A

### **Storm Surge Zones (FDEM/ RPCs)**

Storm Surge Inundation Zones developed for Florida Statewide Regional Evacuation Update Study. Modeled using SLOSH MOMs (maximum of maximums). Source: FL Division of Emergency Management & Regional Planning Councils, August 2021.

## N/A

### **100-Year Floodplain (FEMA)**

Extent of the current 100-year floodplain or 1%-annual chance flood event. Source: Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Maps (DFIRM) database, December 2024.

## N/A

### **500-Year Floodplain (FEMA)**

Extent of the current 500-year floodplain or 0.2%-annual chance flood event. Source: Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Maps (DFIRM) database December 2024.

Please Note: Content in this document has been reviewed for accessibility, however, if you run into any issues with this document's accessibility, please notify the UF GeoPlan Center so that we can make appropriate adjustments.

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