



RELEASE NOTES

These release notes highlight some general information about ArcGIS® StreetMap™ Premium North America 2022 Release 1 as well as the changes between 2022 Release 1 and 2021 Release 4.

1) System Requirements:

| StreetMap Premium Component | Software |
|--------------------------------------|--|
| FGDB dataset for mapping and routing | ArcGIS Desktop or ArcGIS Enterprise 10.8.1 or later; ArcGIS Pro 2.8.5 or later |
| Locators for geocoding | ArcGIS Enterprise 10.8.1 or later; ArcGIS Pro 2.8.5 or later |
| Mobile map packages | ArcGIS Pro 2.8.5 or later |

See <https://links.esri.com/streetmap-premium/2022/sys-reqs>

2) Patches (strongly recommended):

- **10.8.1 ArcGIS (Desktop, Server) .sdlic Rollover Licensing Patch** for addressing crashing issues when accessing the detailed street feature classes (Routing_Streets, Streets, and Streetscarto) and the network dataset. **Install this patch before updating to ArcGIS StreetMap Premium North America 2021 Release 3.**
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **10.8.1 Portal for ArcGIS Enterprise Sites Patch 3** for addressing issues with secured services in ArcGIS Enterprise Sites and downloading hosted feature services anonymously. This patch is inclusive of Portal for ArcGIS 10.8.1 Enterprise Sites Patch 1 and 2.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **10.8.1 and 10.9 ArcGIS Server Orphaned Processes Patch** for addressing an issue with Windows operating systems that leaves processes orphaned during shutdown or other system operations.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **10.8 Portal for ArcGIS Enterprise Sites Patch 1** for addressing issues with secured services in ArcGIS Enterprise Sites and downloading hosted feature services anonymously.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **ArcGIS Server 10.9.1 Setup Program Patch** for addressing an unintended behavior of the setup program that installs the software on Windows operating systems.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **ArcGIS (Desktop, Engine, Server) General Raster Security Patch** for addressing a security vulnerability found in ArcGIS.
See <https://links.esri.com/streetmap-premium/2022/current-patches>



- **ArcGIS Server Security 2021 Update 1 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **Portal for ArcGIS Security 2021 Update 1 Patch** for addressing multiple security vulnerabilities found in Portal for ArcGIS.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **ArcGIS Server Security 2021 Update 2 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.
See <https://links.esri.com/streetmap-premium/2022/current-patches>

3) My Esri Download or Media Contents:

- a. **NA_2022R1_Documentation.7z** - Documentation folder (contains Help.htm) QuickStartGuide and Release Notes files
- b. **NA_2022R1_FGDB.7z.[001...00n]** - MXD and StreetMap_Data folders
- c. **NA_2022R1_Locators.7z** - Locators folder
- d. **Mobile Map Packages** - .mmpk format downloadable from My Esri (ArcGIS Enterprise Portal and ArcGIS Runtime users) or ArcGIS Online

Refer to the QuickStartGuide.pdf for more information.

4) Data Size:

| | | | |
|-----------------|---------|----------------|--------|
| <u>2022R1:</u> | 50.0GB; | <u>2021R4:</u> | 49.0GB |
| a. FGDB dataset | 26.3GB; | | 25.7GB |
| b. Locators | 23.7GB; | | 23.3GB |

5) Dataset Changes:

FGDB

- i. Dataset based on HERE 2021 Q4 vintage
- ii. Map Document (.mxd) is provided in ArcGIS 10.8.1 version only for use with 10.8.1 or later versions.

Point Feature Classes

- iii. No changes



Line Feature Classes

- iv. No changes

Polygon Feature Classes

- v. No changes

Tables

- vi. No changes

Refer to the Data Dictionary section in the Help.htm for more information.

6) Locator Changes:

- a. The default Minimum Match Score (MMS) changes from 60 to 75 and the default Minimum Candidate Score (MCS) changes from 60 to 70 for all locators to eliminate more false positive matches, especially for point address and street address matches. This is consistent with the same change made in the April 2021 Release of the ArcGIS Online World Geocoding Service. Note that some valid postal and locality matches may be missed with these higher MMS and MCS, although you may change the scores back to 60 in the [locator properties](#). A fix to address this issue of lost postal and locality matches is available with the ArcGIS Pro 2.8 release (released in May 2021), the ArcGIS Enterprise/Server 10.9.1 release (released in November 2021), and in the June 2021 Release of the ArcGIS Online World Geocoding Service.
- b. New authoritative address data sources for State of Maine, USA.
- c. Additional source data updates for USA provided by the GIS user community through the Community Addresses program.

Refer to the Geocoding section ‘Geocoding with StreetMap Premium locators’ in the Help.htm or <https://links.esri.com/streetmap-premium/locators> for more information.



7) Routing/Network Dataset Changes:

DrivingSide (DRIVING_SIDE) descriptor attribute added to network attributes and will replace LeftDrivingSide descriptor attribute that will be deprecated in a future release.

Refer to the Routing section 'Routing with StreetMap Premium' in the Help.htm for more information.

8) Deprecations:

None