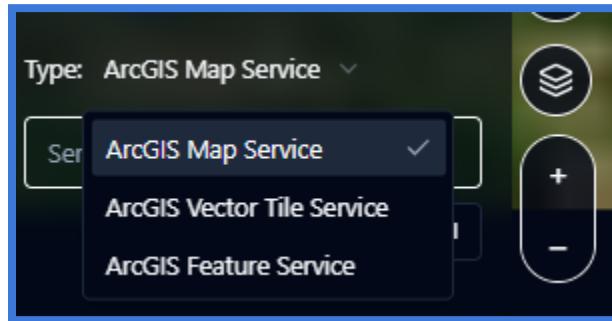


# CURATED ADDITIONAL LAYERS FOR THE MARYLAND COASTAL FLOOD EXPLORER

Below is a short collection of pre-tested links that can be added to [Maryland's Coastal Flood Explorer](#) to provide additional context for a user's planning efforts. Please note that although the layers can be added on the map and viewed, they will not be added to the legend and their symbology will not be editable within the explorer. **Before adding any of the links below, check that you are adding the right "type" of layer in the add layers portion of the tool:**



The layers below are thus broken up into ArcGIS Map Services, ArcGIS Vector Tile Services, and ArcGIS Feature Services. If you have layers that you regularly use, please give them a try, and if you have trouble adding them or want to see an additional layer made available, please reach out to us at [mdfloodeplorer.dnr@maryland.gov](mailto:mdfloodeplorer.dnr@maryland.gov).

## ArcGIS Map Services

1. Protected lands:  
[https://mdgeodata.md.gov/imap/rest/services/Environment/MD\\_ProtectedLands/MapServer](https://mdgeodata.md.gov/imap/rest/services/Environment/MD_ProtectedLands/MapServer)
2. Oyster sanctuaries:  
<https://dnr.geodata.md.gov/dnrdata/rest/services/Biota/OysterSanctuaries/MapServer>
3. National Register of Historic Places:  
[https://mdgeodata.md.gov/imap/rest/services/Historic/MD\\_NationalRegisterHistoricPlaces/MapServer/](https://mdgeodata.md.gov/imap/rest/services/Historic/MD_NationalRegisterHistoricPlaces/MapServer/)
4. LULC: <https://esrgc.salisbury.edu/arcgis/rest/services/test/LULC/MapServer>
5. Building footprints (automatically on map but could be added to ArcPro project):  
[https://mdgeodata.md.gov/imap/rest/services/PlanningCadastre/MD\\_BuildingFootprints/MapServer](https://mdgeodata.md.gov/imap/rest/services/PlanningCadastre/MD_BuildingFootprints/MapServer)
6. Political Boundaries:  
[https://mdgeodata.md.gov/imap/rest/services/Boundaries/MD\\_PoliticalBoundaries/MapServer](https://mdgeodata.md.gov/imap/rest/services/Boundaries/MD_PoliticalBoundaries/MapServer)

## ArcGIS Vector Tile Services

1. MD Coastal Wetlands:  
[https://tiles.arcgis.com/tiles/njFNhDsUCentVYJW/arcgis/rest/services/MD\\_Wetlands\\_Coastal\\_WGS84/VectorTileServer](https://tiles.arcgis.com/tiles/njFNhDsUCentVYJW/arcgis/rest/services/MD_Wetlands_Coastal_WGS84/VectorTileServer)

## ArcGIS Feature Services

### Critical Facilities (most provided by FEMA):

1. Urgent care facilities -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/urgent\\_care\\_facilities/FeatureServer/49](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/urgent_care_facilities/FeatureServer/49)
2. Fire Stations and EMS stations -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Fire\\_Stations\\_EMS\\_Stations/FeatureServer/36](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Fire_Stations_EMS_Stations/FeatureServer/36)
3. SNAP retailer locations -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/snap\\_retailer\\_location\\_data/FeatureServer/47](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/snap_retailer_location_data/FeatureServer/47)
4. Pharmacies -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/RxOpen\\_041323\\_Pharmacies/FeatureServer/46](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/RxOpen_041323_Pharmacies/FeatureServer/46)
5. Dialysis centers -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/RXopen\\_040623\\_Dialysis\\_Centers/FeatureServer/45](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/RXopen_040623_Dialysis_Centers/FeatureServer/45)
6. Public schools -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Public\\_Schools/FeatureServer/44](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Public_Schools/FeatureServer/44)
7. Public health departments -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Public\\_Health\\_Departments\\_MDCoastal/FeatureServer/34](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Public_Health_Departments_MDCoastal/FeatureServer/34)
8. Nursing homes -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/nursing\\_homes/FeatureServer/40](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/nursing_homes/FeatureServer/40)
9. Mobile home parks -  
<https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/MobileHomeParks/FeatureServer/39>
10. Local law enforcement -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Local\\_Law\\_Enforcement/FeatureServer/38](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Local_Law_Enforcement/FeatureServer/38)
11. Hospitals -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Hospitals\\_MDCoastal/FeatureServer/37](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Hospitals_MDCoastal/FeatureServer/37)
12. Colleges & Universities -  
<https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/CollegesUniversities/FeatureServer/35>
13. Places of worship -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/All\\_Places\\_Of\\_Worship\\_MDCoastal/FeatureServer/33](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/All_Places_Of_Worship_MDCoastal/FeatureServer/33)
14. Principle ports -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/PrinciplePorts\\_CoastalMD/FeatureServer/30](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/PrinciplePorts_CoastalMD/FeatureServer/30)
15. Power plants -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Power\\_Plants\\_CoastalMD/FeatureServer/29](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Power_Plants_CoastalMD/FeatureServer/29)

16. Waste water treatment plants -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/WasteWaterTreatmentPlants\\_MDCoastal/FeatureServer/32](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/WasteWaterTreatmentPlants_MDCoastal/FeatureServer/32)
17. Transmission lines (line) -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Transmission\\_Lines/FeatureServer/48](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Transmission_Lines/FeatureServer/48)
18. Prison boundaries (polygon) -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Prison\\_Boundaries\\_MDCoastal/FeatureServer/41](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Prison_Boundaries_MDCoastal/FeatureServer/41)
19. 911 Service areas (polygon) -  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/PSAP\\_911\\_Service\\_Area\\_Boundaries/FeatureServer/42](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/PSAP_911_Service_Area_Boundaries/FeatureServer/42)
20. MDOT SHA Maintained roads:  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/MDOT\\_SHA\\_Maintained\\_Roads/FeatureServer/0](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/MDOT_SHA_Maintained_Roads/FeatureServer/0)

**Land cover:**

1. Cropland only:  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/crop\\_polygon/FeatureServer/54](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/crop_polygon/FeatureServer/54)

Additional land cover layers to be added to this list as they are successfully tested.

**Boundary:**

1. Watersheds:  
[https://mdgeodata.md.gov/imap/rest/services/Hydrology/MD\\_Watersheds/FeatureServer/1](https://mdgeodata.md.gov/imap/rest/services/Hydrology/MD_Watersheds/FeatureServer/1)
2. 5 Digit zip codes:  
[https://mdgeodata.md.gov/imap/rest/services/Boundaries/MD\\_PoliticalBoundaries/FeatureServer/4](https://mdgeodata.md.gov/imap/rest/services/Boundaries/MD_PoliticalBoundaries/FeatureServer/4)

**Access:**

3. Public access:  
[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Public\\_Water\\_Access\\_2020/FeatureServer/0](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/Public_Water_Access_2020/FeatureServer/0)

**Flood layers provided within the tool, that can be added to other mappers (services, no analysis can be done):**

All Flood Services Found here:

<https://dnrgodata.md.gov/dnrgdata/rest/services/CoastalFloodExplorer/>

Specific depths broken out below:

- 0.5 feet:  
[https://dnrgodata.md.gov/dnrgdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FLOOD\\_VIEWER\\_00\\_5/MapServer](https://dnrgodata.md.gov/dnrgdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FLOOD_VIEWER_00_5/MapServer)
- 1.0 feet:  
[https://dnrgodata.md.gov/dnrgdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FLOOD\\_VIEWER\\_01\\_0/MapServer](https://dnrgodata.md.gov/dnrgdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FLOOD_VIEWER_01_0/MapServer)

- 1.5 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_01\\_5/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_01_5/MapServer)
- 2.0 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_02\\_0/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_02_0/MapServer)
- 2.5 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_02\\_5/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_02_5/MapServer)
- 3.0 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_03\\_0/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_03_0/MapServer)
- 3.5 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_03\\_5/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_03_5/MapServer)
- 4.0 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_04\\_0/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_04_0/MapServer)
- 4.5 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_04\\_5/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_04_5/MapServer)
- 5.0 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_05\\_0/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_05_0/MapServer)
- 5.5 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_05\\_5/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_05_5/MapServer)
- 6.0 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_06\\_0/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_06_0/MapServer)
- 6.5 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_06\\_5/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_06_5/MapServer)
- 7.0 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_07\\_0/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_07_0/MapServer)
- 7.5 feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_07\\_5/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_07_5/MapServer)
- 8.0 Feet:  
[https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD\\_COASTAL\\_FL\\_OOD\\_VIEWER\\_08\\_0/MapServer](https://dnr.geodata.md.gov/dnrdata/rest/services/CoastalFloodExplorer/MD_COASTAL_FL_OOD_VIEWER_08_0/MapServer)

**Data downloads (raster files. analysis can be done, we suggest users choose one or two scenarios to download and use because the files are quite large):**

- MHHW:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_00\\_0ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_00_0ft_COG.tif)
- 0.5 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_00\\_5ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_00_5ft_COG.tif)
- 1.0 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_01\\_0ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_01_0ft_COG.tif)
- 1.5 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_01\\_5ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_01_5ft_COG.tif)
- 2.0 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_02\\_0ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_02_0ft_COG.tif)
- 2.5 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_02\\_5ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_02_5ft_COG.tif)
- 3.0 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_03\\_0ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_03_0ft_COG.tif)
- 3.5 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_03\\_5ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_03_5ft_COG.tif)
- 4.0 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_04\\_0ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_04_0ft_COG.tif)
- 4.5 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_04\\_5ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_04_5ft_COG.tif)
- 5.0 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_05\\_0ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_05_0ft_COG.tif)
- 5.5 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_05\\_5ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_05_5ft_COG.tif)
- 6.0 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_06\\_0ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_06_0ft_COG.tif)
- 6.5 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_06\\_5ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_06_5ft_COG.tif)
- 7.0 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_07\\_0ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_07_0ft_COG.tif)

- 7.5 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_07\\_5ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_07_5ft_COG.tif)
- 8.0 Feet:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_08\\_0ft\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_08_0ft_COG.tif)
- DEM:  
[https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw\\_dem\\_flat\\_COG.tif](https://downloads.mdgeodata.md.gov/Weather%20Downloads/Coastal%20Flood%20Data/MHHW/mhhw_dem_flat_COG.tif)