



## Montana State Library Significant Updates and Changes to GIS Web Services Offerings: *Immediate Action Required* **JUNE 30, 2026**

The Montana State Library is making important changes to its GIS Web Services offerings.

We will retire our ESRI Cloud Managed Services (EMCS) environment after **July 31, 2026**: <https://gisservicemt.gov/arcgis/rest/services>. A new cloud-hosted environment is now available through ROK Technologies: <https://gisservice.mt.gov/arcgis/rest/>. Some services have also changed, including schema updates, which are listed below.

These changes trigger our 30-day notification policy.

These changes may will impact user's workflows, applications, and map products. This includes GIS web applications, locally hosted ArcGIS Pro/Desktop map projects, and ArcGIS Online items such as web maps, layers, story maps, geocoding services, and more.

As part of this transition, the new cloud-hosted web services environment is now available.

Because of the scope of these changes immediate action is required. Montana State Library GIS Staff strongly encourage users to review their applications and workflows as soon as possible.

After July 31, 2026 deprecated MSDI & other GIS Web Services hosted in the ESRI Cloud Managed Services (EMCS) environment will be officially retired and no longer accessible.

For a high-level list of impacted services, please see the attached document and the links provided here: <https://msl.mt.gov/geoinfo/GISWebServiceChanges>.

Technical support tickets can be filed through GeoSupport: <https://msl.mt.gov/Geosupport>. To receive future notifications like this one, sign up through GovDelivery: [Subscribe Today](#).

## Contents

MSDI Administrative Boundaries .....	3
MSDI Administrative Boundaries – Feature Layers .....	3
MSDI Administrative Boundaries – Tables.....	9
MSDI Administrative Boundaries – New Services .....	10
MSDI Cadastral .....	11
MSDI Geographic Names.....	12
MSDI Hydrography .....	12
MSDI Hydrologic Units.....	13
MSDI Imagery.....	13
MSDI Land Cover .....	16
MSDI Mapping Control .....	17
MSDI Soils .....	19
MSDI Structures & Addresses .....	19
MSDI Transportation.....	20
MSDI Wetlands & Riparian .....	20
Other Important Services.....	20

## MSDI Administrative Boundaries

Details on this MSDI Theme are available at: <https://msl.mt.gov/GIS/Boundaries>

### **Boundaries**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer)
  - Provides access to the Montana Administrative Boundaries Framework
  - Published coordinate system: Montana State Plane Meters NAD83(2011) (WKID 6514)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer)
  - Provides access to the Montana Administrative Boundaries Framework
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 2857)

### **Managed Areas**

- New Service: See Administrative Boundaries Framework Service – See New Services Section
  - New Layer Location:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/70](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/70)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/ManagedAreas/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/ManagedAreas/MapServer)
  - Provides access to the Montana Managed Areas
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 2857)
  - This service has been retired. See the Administrative Boundaries New Services list to access the new Managed Areas service location.

## MSDI Administrative Boundaries – Feature Layers

### **Congressional Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/34](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/34)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/34](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/34)

### **Montana Senate Districts (2024-2033)**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/62](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/62)
  - Name Change: Montana Senate Districts (2024-2033); previously Montana Senate Districts (2024 – 2032)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/62](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/62)

### **Montana House Districts (2024-2033)**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/63](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/63)
  - Name Change: Montana House Districts (2024-2033); previously Montana House Districts (2024 - 2032)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/63](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/63)

### **Montana Senate Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/31](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/31)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/31](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/31)

### **Montana House Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/32](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/32)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/32](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/32)

### **Tax Increment Financing Districts (TIFD)**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/2](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/2)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/2](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/2)

### **Voting Precincts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/10](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/10)
  - Schema Change: 2020 Census Fields Deleted: VTDST20, GEOID20, VTDI20, NAME20, NAMELSAD20, LSAD20, MTFCC20, FUNCSTAT20, ALAND20, AWATER20, INTPTLAT20, INTPTLON20
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/10](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/10)

### **Incorporated Cities and Towns**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/3](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/3)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/3](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/3)

### **Secondary School Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/4](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/4)
  - Schema Change: ORIG\_FID Field Deleted
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/4](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/4)

### **Elementary School Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/5](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/5)
  - Schema Change: ORIG\_FID Field Deleted
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/5](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/5)

### **Unified (K-12) School Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/6](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/6)
  - Schema Change: ORIG\_FID Field Deleted
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/6](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/6)

### **Tribal Nations Reservations**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/7](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/7)
  - Name Change: Tribal Nations Reservations; previously Reservations
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/7](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/7)

### **Tribal Nations Off Reservation Trust Land**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/11](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/11)
  - Name Change: Tribal Nations Off Reservation Trust Land; previously Off Reservation Trust Land
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/11](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/11)

### **County**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/8](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/8)
  - Schema Change: AreaSqMi Field Deleted; Duplicate Field; Use SQMILES
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/8](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/8)

### **Weed Management Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/1](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/1)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/1](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/1)

### **State**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/9](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/9)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/9](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/9)

### **Election Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/30](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/30)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/30](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/30)

### **Precinct Splits**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/33](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/33)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/33](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/33)

### **Sub-Precincts - Deprecated**

- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/35](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/35)
  - No longer need for precinct split creation in Election System

### **Voting Wards**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/36](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/36)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/36](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/36)

### **County Commissioner Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/37](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/37)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/37](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/37)

### **Judicial Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/38](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/38)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/38](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/38)

### **Jury Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/39](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/39)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/39](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/39)

### **Public Service Commission Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/40](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/40)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/40](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/40)

### **Ambulance Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/41](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/41)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/41](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/41)

### **Cemetery Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/42](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/42)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/42](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/42)

### **Community Council Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/43](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/43)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/43](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/43)

### **Drainage Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/44](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/44)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/44](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/44)

### **Fire Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/45](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/45)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/45](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/45)

### **Hospital Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/46](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/46)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/46](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/46)

### **Irrigation Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/47](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/47)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/47](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/47)

### **Library Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/48](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/48)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/48](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/48)

### **Mosquito Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/49](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/49)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/49](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/49)

### **Park Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/50](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/50)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/50](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/50)

### **Resort Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/51](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/51)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/51](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/51)

### **Rural Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/52](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/52)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/52](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/52)

### **School Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/53](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/53)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/53](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/53)

### **School Single Member Trustee Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/54](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/54)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/54](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/54)

### **Study Commission Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/55](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/55)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/55](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/55)

### **Soil Conservation Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/56](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/56)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/56](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/56)

### **Special Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/57](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/57)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/57](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/57)

### **Rural Improvement Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/58](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/58)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/58](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/58)

### **Sewer Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/59](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/59)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/59](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/59)

### **Water Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/60](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/60)
  - Schema Change: SqMiles Field Deleted; Duplicate Field; Use AreaSqMi instead
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/60](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/60)

### **Urban Transportation Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/61](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/61)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/61](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/61)

## **MSDI Administrative Boundaries – Tables**

### **School District County Supt**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/20](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/20)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/20](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/20)

### **School District Enrollment**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/21](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/21)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/21](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/21)

### **TIFD Levy Districts**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/22](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/22)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/22](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/22)

### **Annexations**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/23](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/23)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Boundaries/MapServer/23](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Boundaries/MapServer/23)

## MSDI Administrative Boundaries – New Services

### ***Managed Areas***

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/70](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/70)

### ***Montana State Boundary Lines***

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/69](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/69)

### ***County Lines***

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/68](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/68)

### ***Tribal Nations Reservation Lines***

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/67](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/67)

### ***Municipality Lines***

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/63](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/63)

### ***School District Secondary Lines***

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/64](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/64)

### ***School District Elementary Lines***

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/65](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/65)

### ***School District Unified Lines***

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_administrative\\_boundaries\\_map\\_v1/MapServer/66](https://gisservice.mt.gov/arcgis/rest/services/msdi_administrative_boundaries_map_v1/MapServer/66)
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## MSDI Cadastral

Details on this MSDI Theme are available at: <https://msl.mt.gov/geoinfo/msdi/cadastral/>

### **Montana Cadastral Framework**

- \*New Service\*:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_cadastral\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_cadastral_map_v1/MapServer)
  - Provides access to the Montana Cadastral Framework
  - Published coordinate system: Montana State Plane Meters NAD83(2011) (WKID 6514)

### **Conservation Easements**

- New Service: See the Cadastral Framework Service
  - New Layer Location:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_cadastral\\_map\\_v1/MapServer/0](https://gisservice.mt.gov/arcgis/rest/services/msdi_cadastral_map_v1/MapServer/0)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/ConservationEasements/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/ConservationEasements/MapServer)

### **Parcels**

- New Service: See the Cadastral Framework Service
  - New Layer Location:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_cadastral\\_map\\_v1/MapServer/1](https://gisservice.mt.gov/arcgis/rest/services/msdi_cadastral_map_v1/MapServer/1)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Parcels/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Parcels/MapServer)

### **Public Lands**

- New Service: See the Montana Cadastral Framework Service
  - New Layer Location:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_cadastral\\_map\\_v1/MapServer/2](https://gisservice.mt.gov/arcgis/rest/services/msdi_cadastral_map_v1/MapServer/2)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/PublicLands/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/PublicLands/MapServer)

### **PLSS**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_plss\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_plss_map_v1/MapServer)
  - Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/PLSS/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/PLSS/MapServer)
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## MSDI Geographic Names

Details on this MSDI Theme are available at: [https://msl.mt.gov/geoinfo/msdi/geographic\\_names/](https://msl.mt.gov/geoinfo/msdi/geographic_names/)

### **Geographic Names (GeoNames)**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_geographic\\_names\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_geographic_names_map_v1/MapServer)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/GeoNames/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/GeoNames/MapServer)

### **Geographic Names Locator (GeographicsNamesLocator)**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_geographic\\_names\\_geocode\\_v1/GeocodeServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_geographic_names_geocode_v1/GeocodeServer)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/GeographicsNamesLocator/GeocodeServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/GeographicsNamesLocator/GeocodeServer)

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## MSDI Hydrography

Details on this MSDI Theme are available at: <https://msl.mt.gov/geoinfo/msdi/hydrology/>

### **Hydrography**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_hydrography\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_hydrography_map_v1/MapServer)
  - Provides access to the Montana Hydrography Framework. The Montana Hydrography dataset is the high resolution (1:24K) National Hydrography Dataset (NHD). This is the final snapshot of the NHD completed December 2023. Work is underway to transition from the NHD to the new USGS 3D Hydrography Program model.
  - Data are provided with a spatial reference of Montana State Plane Meters NAD83(2011) (WKID 6514).
  - The group layer (“Hydrography” layer ID 0) in the previous service is unnecessary and has been dropped from this new service. Service layer IDs (1 – 7) are unchanged. Users should set visible range to 1:750,000 or larger to avoid drawing too many features.
  - **No changes** have been made to the schema from the previous service.
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Hydrography/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Hydrography/MapServer)

## MSDI Hydrologic Units

Details on this MSDI Theme are available at: <https://msl.mt.gov/geoinfo/msdi/hucs>

### **WatershedBoundaries**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_watershed\\_boundaries\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_watershed_boundaries_map_v1/MapServer)
    - Provides access to the Montana Hydrologic Units Framework, also known as the Watershed Boundary Dataset (WBD). The Hydrologic Units dataset is a digital model of nested levels of hydrologic unit boundaries. It provides a uniquely-identified and uniform method of subdividing large drainage areas into smaller watersheds. This service represents the final snapshot of the WBD published January 2025.
    - Data are provided with a spatial reference of **Montana State Plane Meters NAD83(2011) (WKID 6514)**.
    - The previous feature layer “Major Drainage Areas” has been renamed to “Major Water Planning Basins.” The layer ID remains 0.
    - Two new feature layers have been added to the service: Region (WBD\_HU2) layer ID 6; and Watershed Boundary Line layer ID 7
    - **Data schema change:** The field *GNIS\_ID* is now *Reference\_GNISIDs* for all feature layers named “WBD\_HU...” (layer IDs 1 – 6). The new field may contain multiple GNIS IDs.
  - Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/WatershedBoundaries/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/WatershedBoundaries/MapServer)
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## MSDI Imagery

Details on this MSDI Theme are available at: <https://msl.mt.gov/geoinfo/msdi/orthoimagery>

### **2005 NAIP**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2005/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2005/ImageServer)
  - Provides access to the 2005 NAIP Imagery
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2005/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2005/ImageServer)

### **2005 NAIP CIR**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2005CIR/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2005CIR/ImageServer)
  - Provides access to the 2005 NAIP Color Infrared Imagery
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2005CIR/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2005CIR/ImageServer)

### **2009 NAIP**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2009/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2009/ImageServer)
  - Provides access to the 2009 NAIP Imagery
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2009/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2009/ImageServer)

### **2011 NAIP**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2011/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2011/ImageServer)
  - Provides access to the 2011 NAIP Imagery
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2011/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2011/ImageServer)

### **2013 NAIP**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2013/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2013/ImageServer)
  - Provides access to the 2013 NAIP Imagery
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2013/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2013/ImageServer)

### **2015 NAIP**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2015/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2015/ImageServer)
  - Provides access to the 2015 NAIP Imagery
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2015/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2015/ImageServer)

### **2017 NAIP**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2017/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2017/ImageServer)
  - Provides access to the 2017 NAIP Imagery
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2017/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2017/ImageServer)

### **2019 NAIP**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2019/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2019/ImageServer)
  - Provides access to the 2019 NAIP Imagery
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2021/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2021/ImageServer)

### **2021 NAIP**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2021/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2021/ImageServer)
  - Provides access to the 2021 NAIP Imagery
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2021/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2021/ImageServer)

### **2023 NAIP**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2023/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2023/ImageServer)
  - Provides access to the 2023 NAIP Imagery
  - Includes processing templates for Natural Color, Color Infrared, and NDVI
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/NAIP\\_2023/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/NAIP_2023/ImageServer)

### **2023 NAIP Provisional**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/msdi\\_naip2023\\_provisional\\_image\\_v1/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/msdi_naip2023_provisional_image_v1/ImageServer)
  - Provides access to 2023 NAIP Imagery with provisional 2024 NAIP Imagery
  - Includes processing templates for Natural Color, Color Infrared, and NDVI
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/msdi\\_naip2023\\_provisional\\_image\\_v1/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/msdi_naip2023_provisional_image_v1/ImageServer)

### **2025 NAIP Provisional**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/msdi\\_naip2025\\_provisional\\_image\\_v1/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/msdi_naip2025_provisional_image_v1/ImageServer)
    - Provides access to provisional 2025 NAIP Imagery
    - Includes processing templates for Natural Color, Color Infrared, and NDVI
    - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)
  - Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/msdi\\_naip2025\\_image\\_v1/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/msdi_naip2025_image_v1/ImageServer)
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## MSDI Land Cover

Details on this MSDI Theme are available at: [https://msl.mt.gov/geoinfo/msdi/land\\_use\\_land\\_cover/](https://msl.mt.gov/geoinfo/msdi/land_use_land_cover/)

### ***msdi\_land\_cover\_map\_v1 (previously Montana\_Land\_Cover)***

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_land\\_cover\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_land_cover_map_v1/MapServer)
  - Provides access to the *Montana Land Cover Framework (2025)*. This land cover classification uses a modern concept of NVC Groups as map units.
  - Data are provided with a spatial reference of **Montana State Plane Meters NAD83(2011) (WKID 6514)**.
  - **No changes** have been made to the schema or projection from the previous service.
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Montana\\_Land\\_Cover/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Montana_Land_Cover/MapServer)

### ***MontanaLandCover***

- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/MontanaLandCover/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/MontanaLandCover/MapServer)
  - Provided access to the Montana Land Cover Framework (2023) - based on circa 2016 conditions. This land cover classification used an older concept of Ecological Systems as map units.
  - This service will not be republished.
  - An archived copy of these data and an associated field guide are available for download at:  
[https://ftpgeoinfo.msl.mt.gov/Data/Spatial/MSDI/LandUse\\_LandCover/Archive/](https://ftpgeoinfo.msl.mt.gov/Data/Spatial/MSDI/LandUse_LandCover/Archive/)

## **LandCover**

- **Deprecated Service\*:**  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/LandCover/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/LandCover/MapServer)
    - Provided access to the Montana Land Cover Framework (2010-2017) - based on circa 2001 conditions. This land cover classification used an older concept of Ecological Systems as map units.
    - This service will not be republished.
    - An archived copy of these data and an associated field guide are available for download at:  
[https://ftpgeoinfo.msl.mt.gov/Data/Spatial/MSDI/LandUse\\_LandCover/Archive/](https://ftpgeoinfo.msl.mt.gov/Data/Spatial/MSDI/LandUse_LandCover/Archive/)
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## **MSDI Mapping Control**

Details on this MSDI Theme are available at: [https://msl.mt.gov/geoinfo/msdi/mapping\\_control/](https://msl.mt.gov/geoinfo/msdi/mapping_control/)

### **MappingControl**

- **Deprecated Service\*:**  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/MappingControl/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/MappingControl/MapServer)
  - Provided access Montana Mapping Control Framework
  - Published coordinate system: WGS 1984 Web Mercator Auxiliary Sphere (WKID 3857)

### **msdi\_mapping\_control\_map\_v1**

- **New Service:**  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_mapping\\_control\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_mapping_control_map_v1/MapServer)
  - Provides access to the Montana Mapping Control Framework
  - Published coordinate system: Montana State Plane Meters NAD83(2011) (WKID 6514)
  - Control point reference documents are provided as geodatabase attachments
  - The service schema differs so significantly from the previous version that attempting to map individual fields would not yield a meaningful result. A redesigned integration strategy will be more effective than trying to align fields one-to-one.

**Feature Class: control\_point**

Field Name	Alias	Data Type	Length
point_id	Point ID	String	100
observation_date	Observation Date	Date	8
collection_method	Collection Method	String	100
coordinate_procedure	Coordinate Computation Procedure	String	100
latitude_or_northing	Latitude or Northing	String	25
longitude_or_easting	Longitude or Easting	String	25
horizontal_accuracy	Horizontal Accuracy	String	25
horizontal_accuracy_units	Horizontal Accuracy Units	String	25
reported_coordinate_format	Reported Coordinate Format	String	100
horizontal_datum	Horizontal Datum	String	100
elevation	Orthometric Elevation (H)	String	25
vertical_accuracy	Vertical Accuracy	String	25
vertical_accuracy_units	Vertical Accuracy Units	String	25
vertical_datum	Vertical Datum	String	100
vertical_units	Vertical Units	String	50
monument_category	Monument Category	String	255
corner_category	Corner Category	String	100
point_type	Point Type	String	50
plss_point_id	PLSS Corner Point ID	String	25
control_point_notes	Notes	String	255
project_name	Project Name	String	100
project_reported_date	Project Reported Date	Date	8
project_comments	Comments	String	255
project_type	Project Type	String	100
project_source	Project Source	String	50
provider_first_name	Provider First Name	String	50
provider_last_name	Provider Last Name	String	50
provider_license_number	Provider License Number	String	25
provider_license_state	Provider License State	String	2
provider_business_name	Provider Business Name	String	100
mapping_control_point_id	Mapping Control Point ID	Guid	38
GlobalID	GlobalID	GlobalID	38
attach	Has Attachments	Integer	4

**Table: control\_point\_\_ATTACH**

Field Name	Alias	Data Type	Length
ATTACHMENTID		Object ID	4
REL_GLOBALID		GUID	38
CONTENT_TYPE		Text	150
ATT_NAME		Text	250
DATA_SIZE		Integer	4
DATA		Blob	
GLOBALID		Global ID	38

## MSDI Soils

Details on this MSDI Theme are available at: <https://msl.mt.gov/geoinfo/msdi/soils/>

### Soils

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_soils\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_soils_map_v1/MapServer)
  - Data are now delivered in Montana State Plane Meters NAD83(2011) (WKID 6514).  
(Previously: WGS 1984 Web Mercator Auxiliary Sphere, WKID 3857).
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/Soils/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/Soils/MapServer)

## MSDI Structures & Addresses

Details on this MSDI Theme are available at: [https://msl.mt.gov/geoinfo/msdi/structures\\_and\\_addresses/](https://msl.mt.gov/geoinfo/msdi/structures_and_addresses/)

### Montana Structures Addresses

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_structures\\_addresses\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_structures_addresses_map_v1/MapServer)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/MontanaStructuresAddresses/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/MontanaStructuresAddresses/MapServer)

## MSDI Transportation

Details on this MSDI Theme are available at: <https://msl.mt.gov/geoinfo/msdi/transportation>

### **Montana Transportation**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_transportation\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_transportation_map_v1/MapServer)
  - Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/MontanaTransportation/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/MontanaTransportation/MapServer)
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## MSDI Wetlands & Riparian

Details on this MSDI Theme are available at: <https://msl.mt.gov/GIS/Wetlands/>.

### **WetlandsRiparian**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_wetland\\_riparian\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_wetland_riparian_map_v1/MapServer)
    - Provides access to the *Montana Wetland and Riparian Framework (2025)*.
    - Data are now delivered in **Montana State Plane Meters NAD83(2011) (WKID 6514)**. (Previously: WGS 1984 Web Mercator Auxiliary Sphere, WKID 3857).
    - **No changes** have been made to the schema from the previous service.
  - Deprecated Service (offline after July 31, 2026):  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/WetlandsRiparian/MapServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/WetlandsRiparian/MapServer)
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## Other Important Services

### **Montana Address Locator**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_address\\_locator\\_geocode\\_v1/GeocodeServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_address_locator_geocode_v1/GeocodeServer)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/MontanaAddressLocator/GeocodeServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/MontanaAddressLocator/GeocodeServer)

### **Geographic Names Locator**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/msdi\\_geographic\\_names\\_geocode\\_v1/GeocodeServer](https://gisservice.mt.gov/arcgis/rest/services/msdi_geographic_names_geocode_v1/GeocodeServer)

- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSDI\\_Framework/GeographicsNamesLocator/GeocodeServer](https://gisservicemt.gov/arcgis/rest/services/MSDI_Framework/GeographicsNamesLocator/GeocodeServer)

### **Digital Orthophoto Quarter Quadrangle Data (DOQQ)**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSL/DOQQ\\_1990s/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSL/DOQQ_1990s/ImageServer)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSL/DOQQ\\_1990s/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSL/DOQQ_1990s/ImageServer)

### **Historic Imagery (Mid 20th Century)**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/Historic\\_Imagery\\_Mid20thCentury/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/Historic_Imagery_Mid20thCentury/ImageServer)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSL/Historic\\_Imagery\\_Mid20thCentury/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSL/Historic_Imagery_Mid20thCentury/ImageServer)

### **Historical Topographic**

- New Service:  
<https://gisservice.mt.gov/arcgis/rest/services/MSL/HistoricTopo/MapServer>
- Deprecated Service\*:  
<https://gisservicemt.gov/arcgis/rest/services/MSL/HistoricTopo/MapServer>

### **State Mask**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSL/msl\\_base\\_state\\_mask\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/MSL/msl_base_state_mask_map_v1/MapServer)
  - Data are now delivered in Montana State Plane Meters NAD83(2011) (WKID 6514). (Previously: WGS 1984 Web Mercator Auxiliary Sphere, WKID 3857).
- Deprecated Service\*:  
<https://gisservicemt.gov/arcgis/rest/services/MSL/StateMask/MapServer>

### **State Base Map**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSL/msl\\_base\\_state\\_basemap\\_map\\_v1/MapServer](https://gisservice.mt.gov/arcgis/rest/services/MSL/msl_base_state_basemap_map_v1/MapServer)
  - Data are now delivered in Montana State Plane Meters NAD83(2011) (WKID 6514). (Previously: WGS 1984 Web Mercator Auxiliary Sphere, WKID 3857).
- Deprecated Service\*:  
<https://gisservicemt.gov/arcgis/rest/services/MSL/StateBaseMap/MapServer>

### **Reference100k**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/Reference100k/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/Reference100k/ImageServer)
- Deprecated Service\*:  
<https://gisservicemt.gov/arcgis/rest/services/MSL/Reference100k/ImageServer>

### **Reference100k Cached**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSDI\\_Framework/Reference100k\\_cached/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSDI_Framework/Reference100k_cached/ImageServer)
- Deprecated Service\*:  
[https://gisservicemt.gov/arcgis/rest/services/MSL/Reference100k\\_cached/ImageServer](https://gisservicemt.gov/arcgis/rest/services/MSL/Reference100k_cached/ImageServer)

### **Frost Free Days**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSL/msl\\_misc\\_frost\\_free\\_days\\_map\\_v1/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSL/msl_misc_frost_free_days_map_v1/ImageServer)
  - Data are now delivered in Montana State Plane Meters NAD83(2011) (WKID 6514). (Previously: WGS 1984 Web Mercator Auxiliary Sphere, WKID 3857).
- Deprecated Service\*:  
<https://gisservicemt.gov/arcgis/rest/services/MSL/FrostFreeDays/ImageServer>

### **Relative Effective Annual Precipitation (REAP)**

- New Service:  
[https://gisservice.mt.gov/arcgis/rest/services/MSL/msl\\_misc\\_relative\\_effective\\_annual\\_precipitation\\_image\\_v1/ImageServer](https://gisservice.mt.gov/arcgis/rest/services/MSL/msl_misc_relative_effective_annual_precipitation_image_v1/ImageServer)
  - Data are now delivered in Montana State Plane Meters NAD83(2011) (WKID 6514). (Previously: WGS 1984 Web Mercator Auxiliary Sphere, WKID 3857).
- Deprecated Service\*:  
<https://gisservicemt.gov/arcgis/rest/services/MSL/RelativeEffectiveAnnualPrecipitation/ImageServer>