Lincoln County

Downloadable Data and Data Descriptions

Lincoln County Land Services Department

Lincoln County Service Center

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Merrill, WI 54452-1632

CONTENTS

SUMMARY

This document is a breakdown of downloadable data available from Lincoln County, WI, including Shapefiles, Geodatabase Feature Classes, Aerial Imagery, LiDAR, and Elevation Data.

Shapefile Downloads

Click below to Download Shapefiles:

Below is a description of available shapefiles from Lincoln County, WI:

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AddressPt – This point shapefile contains point locations of address entry points, addressed sites with buildings and addressed sites without buildings in Lincoln County.

BoatLandings – This point shapefile shows public boat landings in Lincoln County.

BuildingFootPrints_2010 – This polygon shapefile includes general building foot prints digitized from 2010 aerial imagery for the entire county.

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CntyForest – This polygon shapefile contains the boundaries and areas of Lincoln County forest land.

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Final_Plan_CENSUS_110921_Blocks – Final Census Block Boundaries for 2021

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ForestryWoodRoads – This line shapefile symbolizes the numerous roads located primarily on county forest land.

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HydroPolygons_2018 – This polygon shapefile represents water bodies located in Lincoln County, WI. These areas represent rivers and ponds. Within the data is related attributes such as the names of the water bodies and river systems, the name from the DNR Register of Waterbodies (ROW) database, the Water Body Identification Code (WBIC), and the elevation data.

IceAgeTrail – This line shapefile shows the Wisconsin Ice Age Trail path as it winds through the whole state of Wisconsin, including Lincoln County.

IndexAndPLSSGrid – This polygon shapefile supports county wide hard copy maps by providing a Public Land Survey System (PLSS) grid and an index grid that aids in the location of roads/parks/buildings etc.

InformationalPts – This point shapefile includes over 200 informational points that include, but are not limited to ATV trail intersections, landing zones, mile markers, snowmobile trail intersections, cellphone towers, and highway turn arounds.

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Municipal – This polygon shapefile represents the 18 different municipalities in Lincoln County.

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ParcelLines – This line shapefile seeks to accurately delineate all parcel lines from a variety of sources which include, but are not limited to, CSMs, deeds, original government surveys, and plat of surveys.

Parks – This point shapefile shows a number of parks within the county, many of which are in the City of Merrill, which is also known as the "City of Parks".

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PLSSFirstDivision – This polygon shapefile represents Public Land Survey System (PLSS) sections.

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RiceDamInundation – This polyogn shapefile outlines the area downstream of the Rice Dam that would be flooded during the Inlow Design Flood (IDF) and fair weather flood at the dam.

RoadLine – This line shapefile shows all of the roads within Lincoln County. Road Centerlines represent the center of a road overlaid over various layers (Orthophotography for example) in order to provide navigational assistance, routing assistance, and address grid reinforcement to name a few. Road Centerlines include many helpful attributes but not limited to road classification and road names, address ranges, zip code, municipality information, and emergency service zone.

RoadsOpposite – This line shapefile represents road centerlines that do not go the same direction as the county's addressing grid. These lines are found along the boundaries between the cities and the towns.

SchoolDist – This polygon shapefile includes all of the School Disctrict Zones in Lincoln County. The four school zones that make up Lincoln County are Merrill, Tomahawk, Prentice, and Rhinelander.

ShorelandRestoration – This polygon shapefile shows all of the areas in Lincoln County where Shoreland Restoration has occurred.

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SimConBndCurrent – This polygon shapefile represents the overall boundary of a given simultaneous conveyance, taking into account more recent surveys. When a new simultaneous conveyance is recorded, it replaces the geometry of an older simultaneous conveyance if the two overlap. Simultaneous conveyances include, but are not limited to Certified Survey Maps (CSMs), Assessors Plats, Subdivisions and Condos.

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TaxIncrementDistricts – These boundaries represent the tax incremental finance districts in Lincoln County.

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GeoDatabase Downloads

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ArcMapAnno60000 – This is an Annotation Feature Class. Contained in the class are most annotation layers used for producing annotated hard copy maps at around 1:60000 scale for Lincoln County, WI. The annotations provided includes Road Names, Informational points, Rail Road Names, Address Grids, Index/PLSS Grid, Municipality Names, Surrounding County Names, and PLSS Section Numbers.

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InformationalPoints -

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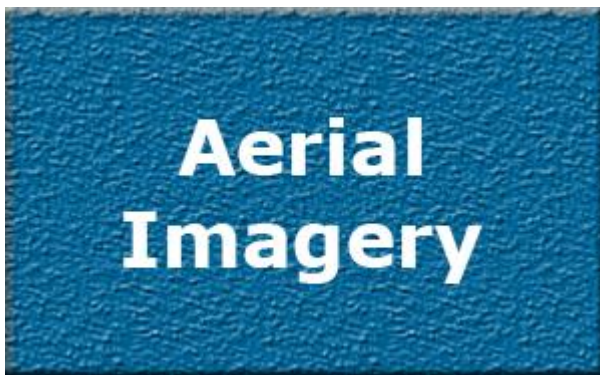
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Aerial Imagery

Click below to Download Aerial Imagery:

General Information – All images listed here have been ortho rectified and projected to the Lincoln County WI Coordinate System. Each year may contain multiple folders that represent images tiled and mosiaced to different scales. Each folder may also represent different

compression ratios which can affect image quality when displayed. In some cases raw tiff files are present and represent the best available resolution before Lizard Tech MrSID compression.

Flight1938:

- GeoTiffs
  - o QtrTwnshp
- MrSIDs
  - o CountyWide
  - o QtrTwnshp
  - o Twnshp

Flight1952-1955:

- GeoTiffs
  - o Countywide
  - o Sections
- MrSIDs
  - o CountyWide
  - o QtrTwnshp
  - o Twnshp

Flight1970:

- GeoTiffs
  - o QtrTwnshp
- MrSIDs
  - o CountyWide
  - o QtrTwnshp
  - o Twnshp
- Tile_Index
  - o CountyWide

Flight1991-92:

- GeoTiffs
  - o QtrTwnshp
- MrSIDs
  - o CountyWide
  - o QtrTwnshp
  - o Twnshp
- Tile_Index
  - o CountyWide

Flight1992:

- MrSIDs

- CountyWide

Flight2001BW:

- MrSIDs
  - CountyWide

Flight2005:

- MrSIDs
  - CountyWide- 1 ft Pixel size/Resolution
  - LincolnCoDensePopCenters- 6 inch Pixel size/Resolution

Flight2010:

- MrSIDs
  - CountyWide- 1 ft Pixel size/Resolution
  - Sections- 1 ft Pixel size/Resolution
  - LincolnCoDensePopCenters- 6 inch Pixel size/Resolution
  - Sections-6 inch Pixel size/Resolution

Flight2015:

- MrSIDs
  - CountyWide
  - Township
  - Section

Flight2020:

- MrSIDs G3
  - CountyWide
  - Township
  - Section
- MrSIDs G4
  - CountyWide
  - Township
  - Section

Flight2024:

- MrSIDs G3
  - CountyWide
  - Township
  - Section
- MrSIDs G4
  - CountyWide
  - Township
  - Section

LiDAR

Click below to Download LiDAR Data:

General Information – Geodata@Wisconsin houses a collection of datasets for the State of Wisconsin and Lincoln County. Lincoln County entered into a cost share project in 2015 with United States Geological Survey (USGS) to have LiDAR and other elevation information captured that meets the National 3D Elevation Program Standards. Below is a summarized list of LiDAR and LiDAR Derivied products associated with Lincoln County found on the Geodata@Wisconsin website.

- Hydro Breaklines 2015
- Countywide DEM (Digital Elevation Model) 2015
- LAS (Lidar) Points 2015
- Tiled DEM 2015
- 2 ft Contours 2015
- Raw Swath Data 2015

Enhanced Elevation Data

Click below to Download Enhanced Elevation Data:

General Information – Elevation data is projected to the Lincoln County WI Coordinate System. Below is a list of Elevation data Lincoln County provides.

- **Bare Earth Only: LAS (Lidar) or NEZ (Northing, Easterling, Z-Elevation)** - **Contours**
  - o CountyWide
  - o Tiles
- **DEM (Digitial Elevation Model):**
  - o CountyWide
  - o Tiles
- **DSM (Digitial Surface Model):**
  - o CountyWide
  - o Tiles
- **Hydro Breaklines**
- **Tile Index**