

GIS Data and Mapping Resources: United States

Specialty Data Sources:

- [NRCS Soils Data](#) – This site hosts a variety of geospatial data, such as:
 - USGS DRG (raster - scanned USGS quad maps)
 - DEM Data (from the National Elevation Data Set - various resolutions)
 - Ortho Imagery (the NAIP is usually most recent)
 - Soils Data (the SSURGO includes SHP files of the Soil Survey maps)
 - Precipitation Data (varies greatly by location – the NOAA HDSC site listed below has better data)

Instructions: Find the Get Data link a couple of lines down from the top. You can then graphically select the area or select an entire county or state. Once you have selected the area, select the data types and the delivery format (FTP is best). You will need to sign up and supply some information, but it is free. Once the site has packaged your order, they will send you an email with the FTP link for download.

Note: Don't expect instant service at all times. Data can take as long as several hours to prepare during peak times.

- [NOAA HDSC](#) – This site is the primary host for precipitation data for the entire U.S.A. The maps hosted here include the precipitation frequencies and intensities that can be used to develop IDF curves and other critical data needed for the Hydraflow extensions to calculate hydrographs. Very little georeferenced data is available here, but the raster images can be inserted and ortho-rectified to your location (not a real big deal, since the data is fairly low precision). There are also links to some SHP files for selected areas.

National Data Sources:

- [U.S. Environmental Protection Agency Search Where You Live](#)
- [USGS Geographic Data Download](#)
- [The National Map Seamless Server - USGS](#)
- [US Geological Survey Search by State](#)
- [US Government Search for State EPA](#)

Pacific Northwest Regional Data Sources:

- [NOAA Pacific Coast Land Cover Data](#)
- [US Fish and Wildlife - Pacific Region](#)
- [Interior Columbia Basin Ecosystem Management Project](#)
- [Pacific Northwest Environmental Data Library](#)
- [US Army Corps of Engineers Walla Walla District](#)

Data by State:

Alabama:

- [NOAA Coastal Service Center Projects](#)
- [Geological Survey of Alabama](#)
- [USDA National Forest Service Alabama GIS](#)
- [Water Quality GIS](#)
- [Water Resources of Alabama](#)

Alaska:

- [Alaska Geological & Geophysical Surveys](#)
- [Alaska Geospatial Data Clearinghouse](#)
- [Alaskan Pipeline Service](#)
- [Glacier Bay Ecosystem GIS](#)
- [NPS Alaska Data Service](#)
- [Public Access GIS](#)
- [Water Resources in Alaska](#)

Arizona:

- [CASA, Center for Applied Spatial Analysis](#)
- [Department of Transportation T-Map](#)
- [AGIC, Arizona Geographic Information Council](#)
- [Arizona Land Resource Information System, ALRIS](#)
- [The Arizona Regional Image Archive](#)
- [Arizona State University Libraries](#)
- [Department of Fish and Wildlife, Arizona GIS Datasets](#)
- [SAGIS, Southern Arizona Geographic Information Systems Consortium](#)
- [State Land Department Maps Page](#)

Arkansas:

- [Arkansas GIS Resource Center](#)
- [Center for Advanced Spatial Technologies, University of Arkansas](#)
- [Fayetteville Public Schools GIS Program](#)
- [Fish and Wildlife Service GIS for Arkansas](#)

California:

- [Association of Bay Area Governments, ABAG, Regional Data Center](#)
- [California Geographical Survey](#)
- [California Environmental Resources Evaluation System, CERES](#)
- [CERES Environmental Informational Catalog](#)
- [California Spatial Info Library](#)
- [California State Lands Commission](#)
- [Shipwrecks Database](#)
- [Bay Area Automated Mapping Association](#)
- [Land use Planning Information Network \(LUPIN\)](#)
- [Northern Sierra Nevada Geographic Information](#)
- [Russian River Spatial Data](#)
- [San Diego Association of Governments \(SANDAG\)](#)
- [San Francisco Bay Area Regional Database \(BARD\)](#)
- [University of California, Berkeley, Earth Sciences and Map Library GIS data page](#)

Colorado:

- [Bureau of Land Management, BLM Colorado GIS page](#)
- [University of Colorado-Boulder](#)
- [Colorado Natural Resources Online](#)
 - [Natural Resources Maps by County of Prime Farmland](#)
- [Colorado's Department of Local Affairs \(DOLA\)](#)
- [Digital Geologic Map of Colorado](#)
- [GISCO, GIS Colorado](#)
- [Southwestern Colorado Data Center](#)
- [US Fish and Wildlife, Colorado GIS](#)
- [Boulder County Land Use GIS page](#)
- [Colorado Springs](#)

Connecticut:

- [Map And Geographic Information Center\) U of Connecticut, Babbidge Library](#)
- [Department of Environmental Protection Environment and Geographic Information Center](#)
- [Fish and Wildlife Service Connecticut GIS](#)

Delaware:

- [Delaware Department of Transportation](#)
- [Delaware Spatial Data Clearinghouse](#)
- [Delaware State GIS data](#)
- [University of Delaware Research and Data Management Services](#)

Florida:

- [Florida Research and Environmental Analysis Center](#)
- [Florida State University's Public Library Geographic Database](#)
- [Florida Geographic Data Library \(FGDL\)](#)
- [Martin County GIS](#)

Georgia:

- [Georgia GIS Data Clearinghouse](#)
- [Statewide GIS Atlas](#)

Hawaii:

- [City and County of Honolulu Land Information](#)
- [State of Hawaii GIS](#)
- [University of Hawaii Traffic Safety Page](#)

Idaho:

- [Idaho Geographic Information Center](#)
- [Idaho Geospatial Data Center](#)

Illinois:

- [Chicago Area Geographic Information Study](#)
- [University of Chicago Center for Population Economics](#)
- [Illinois Natural Resources Geospatial Data Clearinghouse Node](#)
- [Illinois State Museum GIS Lab](#)

Indiana:

- [Indiana GIS Initiative](#)
- [Indiana University's GIS Library](#)

Iowa:

- [Iowa Dept of Natural Resources Geographic Information System](#)
- [Iowa GIS Clearinghouse](#)
- [Iowa State University Geographic Information Systems Support and Research](#)

Kansas:

- [Kansas Geological Survey](#)
- [Data Access and Support Center \(DACCA\)](#)

Kentucky:

- [Kentucky Geological Survey](#)
- [Kentucky Office of GIS](#)

Louisiana:

- [Atlas: Louisiana Statewide GIS](#)
- [Louisiana Geographic Information Center](#)
- [Louisiana GIS Council](#)

Maine:

- [Maine Office of GIS Data Library](#)

Maryland:

- [Canaan Valley Institute GIS Resources](#)
- [University of Maryland GIS and Map Library](#)
- [Maryland Historical Trust: Geographic Information System](#)
- [MSGIC](#)

Massachusetts:

- [Massachusetts Coastal Orthophotos](#)
- [Harvard GIS](#)
- [MassGIS](#)
- [MIT Boston Metro Area Digital Orthophoto Browser](#)

Michigan:

- [Michigan Information Center](#)

Minnesota:

- [Minnesota Land Management Information Center](#)
- [Minnesota Legislative GIS Office](#)
- [Minnesota DNR ForNet](#)

Mississippi:

- [Mississippi Automated Resource Information System \(MARIS\)](#)
- [Land Cover Data Directory: Mississippi Data Sets-Downloadable 1:250,000 LULC Data](#)

Missouri:

- [Missouri Spatial Data Information Service](#)

Montana:

- [EPA Region 8 GIS Data](#)
- [Geographic Information and Analysis Center\(GIAC\)](#)
- [Greater Yellowstone Atlas](#)
- [GIS data sets](#)
- [Montana Natural Resource Information System](#)
- [USGS Water Resources of Montana](#)

Nebraska:

- [Center for Advanced Land Management Information Technologies](#)
- [Nebraska Game and Parks Commission](#)
- [Nebraska Natural Resources Commission, GIS Data Library](#)
- [Nebraska Geospatial Data Clearinghouse](#)

Nevada:

- [Nevada Bureau of Mines and Geology](#)
- [Nevada State Geographic Information Society](#)
- [Northern Sierra Nevada GIS](#)
- [Virtual Clearinghouse for Nevada GIS](#)

New Jersey:

- [New Jersey Geological Survey Digital Geodata Archive](#)
- [New Jersey State Office of Geographic Information Systems](#)
- [Princeton University Library Geospatial Data](#)

New Hampshire:

- [New Hampshire GRANIT](#)
- [New Hampshire Resource Net](#)

New Mexico:

- [New Mexico Geographic Information Council \(NMGIC\)](#)
- [New Mexico Resource Geographic Information System \(RGIS\)](#)

New York:

- [New York State Clearinghouse for Geographic Data](#)
- [New York State GIS Clearinghouse](#)
- [NYDOT Mapping and GIS Division \(MAGIS\)](#)
- [New York City GIS Resources](#)

North Carolina:

- [North Carolina Center for Geographic Information and Analysis](#)
- [NC OneMap](#)
- [North Carolina State University Libraries GIS](#)
- [North Carolina State Data Center \(SDC\)](#)

North Dakota:

- [North Dakota State GIS Center](#)
- [North Dakota State Data Center](#)

Ohio:

- [ODNR Division of Geological Survey](#)
- [ODNR Division of Water Programs and Services](#)
- [GIS Support Center](#)
- [Ohio Dept. of Natural Resources](#)

Oklahoma:

- [Oklahoma Center for Geospatial Information](#)
- [Center for Spatial Analysis](#)

Oregon:

- [BLM: Oregon/Washington Geographic Information System](#)
- [H.J. Andrews Experimental Forest Data Catalog](#)
- [Humboldt University's Spatial Data Library](#)
- [Inforain](#)
- [METRO Regional Governmental Organization - Portland Metropolitan area](#)
- [Northwest Habitat Institute](#)
- [Interactive Biodiversity Information System](#)
- [Oregon Coast Geospatial Clearinghouse](#)
- [Oregon Climate Service](#)
- [Oregon Department of Revenue Statewide Assessor Maps](#)
- [Oregon Department of Fish and Wildlife Data Clearinghouse](#)
- [Natural Resources Information Management Program](#)
- [Oregon Department of Forestry GIS Site](#)
 - [Forest Health Survey Data](#)
 - [State Forest Management Program](#)
 - [Aerial Survey Data](#)
 - [X Tools and ODF GIS Tools](#)
- [Oregon Soil Survey Reports](#)
- [Oregon Geospatial Data Clearinghouse](#)
- [Oregon Water Resources Department Water Rights Data](#)
- [PNW Hydrography Framework Clearinghouse](#)
- [Regional Ecosystem Office \(REO\)](#)
- [Urban and Regional Information Systems Association](#)

Pennsylvania:

- [Pennsylvania Spatial Data Access](#)
- [Canaan Valley Institute](#)
- [Pennsylvania Mapping and Geographic Information Consortium](#)

Rhode Island:

- [University of Rhode Island Natural Resources and Environment](#)

South Carolina:

- [South Carolina Department of Natural Resources](#)
- [University of South Carolina Spatial Data Resources](#)

South Dakota:

- [South Dakota Geological Survey](#)

Tennessee:

- [GISource](#)
- [Tennessee Federal GIS Data Server](#)
- [Wolf River Corridor Study](#)

Texas:

- [Capital Area Council of Governments\(CAPCOG\)](#)
- [Texas Natural Resources Information System \(TNRIS\)](#)
- [Texas Water Development Board](#)
- [USGS Texas Office](#)

Utah:

- [Utah Automated Geographic Reference Center \(AGRC\)](#)
- [Utah Department of Natural Resources](#)
- [Utah Division of Water Rights](#)

Vermont:

- [Vermont Geographic Information System](#)

Virginia:

- [Geospatial and Statistical Data Center](#)
- [Virginia Geographic Information Network VGIN](#)
- [Virginia Department of Economic Development GIS Program](#)
- [University of Virginia's Scholar's Lab](#)
- [Virginia Coast Reserve](#)

Washington:

- [EPA Region 10, Puget Sound Atlas Data](#)
- [Olympic National Resource Center](#)
- [Spokane County Public Works GIS Data](#)
- [Washington DNR](#)
- [Washington State Geographic Information Council \(WSGIC\)](#)
- [Washington State Geospatial Clearinghouse](#)
- [Washington State Geospatial Data Archive](#)

West Virginia:

- [West Virginia GIS Data Repository](#)

Wisconsin:

- [Wisconsin Coastal GIS Applications Project](#)
- [Wisconsin Land Information Clearinghouse](#)
- [Wisconsin Dept. of Natural Resources Geographic Services Section](#)
- [Wisconsin State Cartographer's Office](#)

Wyoming:

- [Wyoming GIS Resource Page](#)
- [Spatial Data and Visualization Center](#)
- [USGS Water Resources of Wyoming](#)
- [Wyoming's State GIS Clearinghouse](#)
- [Wyoming Natural Resources Data Clearinghouse](#)
- [Wyoming Water Resources Data System](#)
- [Wyoming Statewide Water Resources Data Inventory](#)
- [The Greater Yellowstone Area Data Clearinghouse](#)
- [Teton County GIS Archive](#)
- [The Snake River Corridor Node](#)