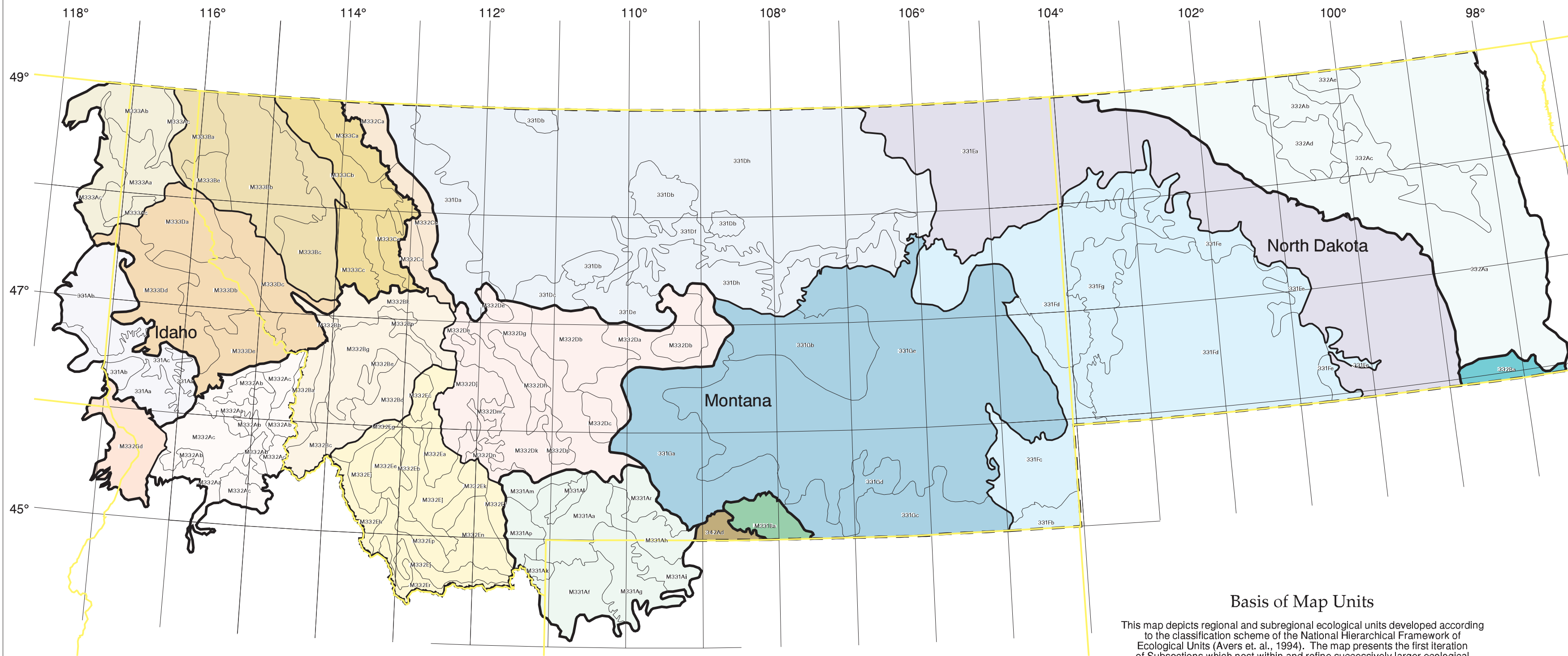


Ecological Units Of The Northern Region: Subsections

Montana, Northern Idaho and North Dakota First Approximation 1996



- 300 DRY DOMAIN**
- 330 Temperate Steppe Division**
- 331 Great Plains-Palouse Dry Steppe Province**
- 331A Palouse Prairie Section**
- 331Aa Camas/Wetippe Basalt Plateaus
 - 331Ab Palouse Hills
 - 331Ac Clearwater Canyon Breaks
- 331D Northwestern Glaciated Plains Section**
- 331Da Rocky Mountain Front Foothills
 - 331Db Montana Isolated Mountain Ranges
 - 331Dc Belt Mountain Foothills
 - 331De Little Belt Foothills
 - 331Df Missouri River Breaks
 - 331Dh Montana Glaciated Plains
- 331E Northern Glaciated Plains Section**
- 331Ea Missouri Coteau
- 331F Northwestern Great Plains Section**
- 331Fb Shale Scablands
 - 331Fc Pierre Shale Plains
 - 331Fd Missouri Plateau
 - 331Fe Missouri Breaks
 - 331Fg Little Missouri Badlands
- 331G Powder River Basin Section**
- 331Ga Montana High Plains and Foothills
 - 331Gb Montana Shale Plains
 - 331Gc Powder River Basin Breaks/Scoria Hills
 - 331Gd Wolf Mountains
 - 331Ge Montana Sedimentary Plains
- 332 Great Plains Steppe Province**
- 332A Northeastern Glaciated Plains Section**
- 332Aa Glaciated Drift Plains
 - 332Ab Souris Basin
 - 332Ac Glaciated Outwash Plains
 - 332Ad Souris Sand Deltas
 - 332Ae Turtle Mountains
- 332B Western Glaciated Plains Section**
- 332Ba Central Black Glaciated Plains
- M330 Temperate Steppe Regime Mountains**
- M330 Southern Rocky Mountain Steppe-Open Woodland-Caniferous Forest-Alpine Meadow Province**
- M331A Yellowstone Highlands Section**
- M331Aa Absaroka/Gallatin Mountains
 - M331Af Yellowstone Volcanic Plateau
 - M331Ag Northern Absaroka Volcanic Mountains
 - M331Ah Beartooth Mountains
 - M331Aj Absaroka Sedimentary Mountains
 - M331Ak West Yellowstone Valley
 - M331Al Upper Yellowstone Valley
 - M331Am Gallatin Foothills/Spanish Peaks
 - M331Ap Madison Mountains
 - M331Ar Beartooth Front
- M331B Bighorn Mountains Section**
- M331Ba Bighorn Sedimentary Mountains
- M332 Middle Rocky Mountain Steppe-Caniferous Forest-Alpine Meadow Province**
- M332A Idaho Batholith Section**
- M332Aa Lochsa/Salmon Breaklands
 - M332Ab Central Idaho Glaciated Mountains
 - M332Ac Central Idaho Mountains and Basins
- M332B Bitterroot Valley Section**
- M332Ba Bitterroot Glaciated Canyons
 - M332Bb Bitterroot/Frenchtown Valleys
 - M332Bc South Anaconda/Bitterroot Mountains
 - M332Bd Anaconda/Flint Creek Mountains
 - M332Be Flint Creek/Upper Willow Creek Basins
 - M332Bf Garnet/Sapphire Mountains
 - M332Bk Rattlesnake/Blackfoot/South Swan Mountains
 - M332Bp Avon/Nevada Valleys
- M332C Rocky Mountain Front Section**
- M332Ca North Rocky Mountain Front
 - M332Cb Middle Rocky Mountain Front
 - M332Cc South Rocky Mountain Front
- M332D Belt Mountains Section**
- M332Dd Snowy Foothills
 - M332De Little Belt/Snowy/Judith Mountains
 - M332Df Crazy Mountains
 - M332Dg Continental Divide Foothills
 - M332Dh Big Belt Foothills
 - M332Di Big Belt Mountains
 - M332Dj Boulder/Elkhorn Mountains
 - M332Dk Central Montana Broad Valleys
 - M332Dm South Elkhorn Mountains
 - M332Dn North Tobacco Root Mountains and Foothills
 - M332Dp Bridger Mountains and Foothills
- M332E Beaverhead Mountains Section**
- M332Ea Continental Divide Uplands
 - M332Eb East Pioneer Mountains
 - M332Ec Deerlodge Valley
 - M332Ed West Pioneer Mountains
 - M332Eg Anaconda Mountains
 - M332Eh Beaverhead Mountains
 - M332Ei Southwest Montana Intermontane Basins and Valleys
 - M332Ek Ruby/Tobacco Root Mountains
 - M332El Gravelly/Snowcrest Mountains
 - M332Em Blacktail Mountains
 - M332En Southern Beaverhead Mountains
- M332G Blue Mountains Section**
- M332Gd Snake River Mountains and Canyonlands
- M333 Northern Rocky Mountain Forest-Steppe-Caniferous Forest-Alpine Meadow Province**
- M333A Okanogan Highlands Section**
- M333Aa Pend Oreille/Selkirk Low Mountains and Valleys
 - M333Ab Selkirk Mountains
 - M333Ac Northern Idaho Valleys
- M333B Flathead Valley Section**
- M333Ba Purcell/North Cabinet Mountains
 - M333Bb Salish Mountains
 - M333Bc Flathead River Valley
 - M333Be Cabinet Mountains
- M333C Northern Rockies Section**
- M333Ca Livingston Mountains
 - M333Cb Whitefish/Swan Mountains
 - M333Cc Mission/Swan Valley and Mountains
 - M333Cc Flathead Thrust Faulted Mountains
- M333D Bitterroot Mountains Section**
- M333Da Coeur d'Alene Mountains
 - M333Db St. Joe/Bitterroot Mountains
 - M333Dc Clark Fork Valley and Mountains
 - M333Dd North Idaho Hills and Valleys
 - M333De Clearwater Mountains and Breaks

Basis of Map Units

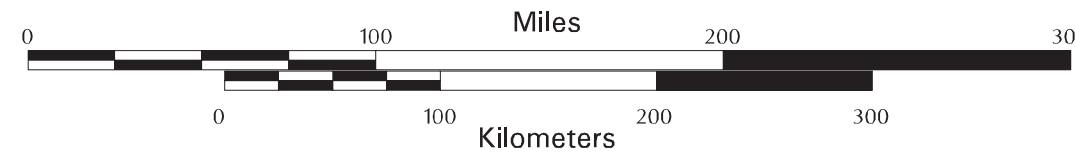
This map depicts regional and subregional ecological units developed according to the classification scheme of the National Hierarchical Framework of Ecological Units (Avers et al., 1994). The map presents the first iteration of Subsections which nest within and refine successively larger ecological units (Bailey, et al., 1994).

Ecological units are identified at all hierarchical levels by the integration of physical and biological components of the environment which include climate, geomorphology, geology, soils, hydrology, and vegetation. All components are considered and evaluated in the placement of boundaries, but their importance varies with scale.

Subsections were compiled at a scale of 1:500,000. Map sources included geology maps, general soils maps, topographic maps, vegetation maps, raised relief maps, MLRUs from NRCS, and EPA Ecoregions (Omernik). Local knowledge from soil scientists, geologists, ecologists, and others from the Forest Service, Natural Resources Conservation Service, and Bureau of Land Management was also used.

Map Scale: 1:3,500,000

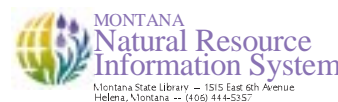
Albers Equal Area Projection



Legend:

- Subsection
- Section
- Province
- Study Boundary Not Concurrent with Unit
- State Borders

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Cartographic Production by Peter J. Langen, Duane F. Lund
Natural Resource Information System
This GIS product was compiled from various sources and may be corrected, updated, modified, or replaced at any time.
For more information contact:
U.S.D.A. Forest Service, Northern Region



Ecological Units Of The Northern Region

Colored Relief, Sections and Subsections

Montana, Northern Idaho and North Dakota

1996: First Approximation

