

Rocky Mountain National Park

Topographic Atlas

Richard Tuovila



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Located in northern Colorado, Rocky Mountain National Park covers 415 square miles of mountains, meadows, and lakes. With over 300 miles of scenic hiking trails, including a portion of the Continental Divide Trail, the park is a wonderful place to experience breathtaking alpine environments in any season.

The current park boundaries encompass portions of the traditional homelands of many present day Tribal nations. These include the the lands of the Assiniboiné, Sioux, Cheyenne, Arapaho, Kiowa, and Ute peoples. (US National Park Service, 2024) They have been stewards of the lands that now make up the Rocky Mountain National Park for many, many generations, and this land remains culturally important to these communities. As part of Rocky Mountain National Park's partnerships with Indigenous nations, it consults with these Tribal peoples, striving to build and strengthen relationships between park staff and Tribal community members, learn from Indigenous knowledge, and give Tribal nations the opportunity to voice concerns over stewardship of the park. The Indigenous Connections project regularly hosts cultural demonstrators, providing accurate and respectful information to park visitors.

Rocky Mountain National Park's high elevation provides a stunning range of environments that can be visited within only a few days of hiking. These can be broken up into three general ecoregions. The lowest areas, located between 5600 and 9500 feet of elevation, are called the Montaine ecosystem. Hiking here, among the meadow valleys and slopes, you'll see the largest diversity of plants and animals, from mighty ponderosa pines to the delicate mountain iris. From 9000 to 11000 feet, you'll find yourself in the subalpine ecoregion, full of mountain lakes and evergreen trees. Here the forests are mostly fir and spruce, yet fields of wildflowers also exist among them. As you approach the treeline, individual trees become shorter and more likely to grow horizontally, perhaps entirely bare on the size that's exposed to the cold, dry winds. Above here, at 11000 feet and higher, trees no longer grow. But these Alpine Tundra ecosystems are far from barren. Around one-third of the park rises above the trees, and the terrain is covered with grasses, sedges, and other ground-hugging plants. Trail Ridge Road is the highest road in any national park, and is your gateway to this beautiful ecosystem.

The park is also a popular destination for rock climbers, with granite rock formations and many peaks, providing opportunities for all sorts of climbing styles. Rocky Mountain National Park practices Minimum Impact Climbing, and does not inspect or maintain bolts or other climbing equipment. Be sure to inspect all bolts before climbing, and remove all climbing equipment before you leave. Do not alter rock faces or place permanent anchors to make the climb easier. Respect the park and other climbers' dedication to challenging these climbs on nature's terms.

Sport fishing is permitted within Rocky Mountain National Park. The park works to protect natural fish populations, while still allowing sport fishers to fish in balance with natural conditions. In the designated catch-and-keep or catch-and-release waters, you may find brown, brook, rainbow, and cutthroat trout, and possibly suckers or sculpin.

Entrance to Rocky Mountain National Park requires purchase of an entrance pass. These can be purchased at the park's website (<https://www.nps.gov/romo/planyourvisit/>) or in person at one of the visitor centers.

Rocky Mountain National Park

Park Services

-  Visitor Center
-  Ranger Station
-  Shuttle Stop
-  Picnic Area
-  Restroom
-  Airport
-  Dam
-  Summit
-  Cliff

Transportation Routes

-  Highway
-  Major Road
-  Local Road
-  Dirt Road
-  Trail
-  Continental Divide Trail

Relief

-  Contour (100m)

Hydrography

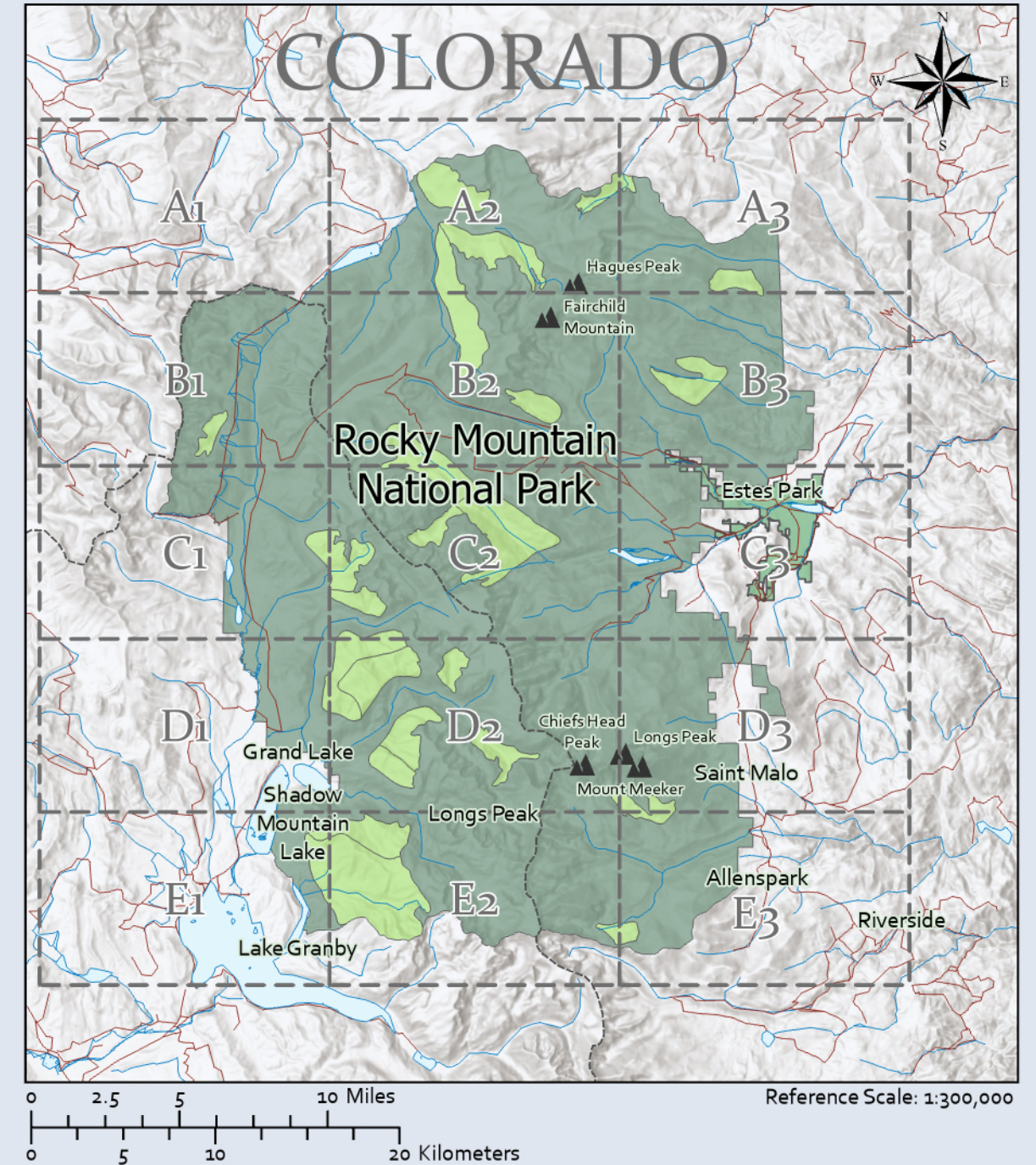
-  Waterbody
-  Watercourse

Park Boundaries

-  Rocky Mountain National Park
-  Camp Zone
-  Estes Park

The Tallest Peaks

Longs Peak — 4346m — 14259ft
 Mount Meeker — 4227m — 13868ft
 Hagues Peak — 4137m — 13573ft
 Chiefs Head Peak — 4121m — 13520ft
 Fairchild Mountain — 4116m — 13504ft



Spatial Reference: NAD 1983 2011 StatePlane Colorado North FIPS 0501 Ft US
 Datum: NAD 1983 2011
 Projection: Lambert Conformal Conic

This map is produced as a portion of the requirements of the GIS: Cartography and Geovisualization program of the Centre of Geographic Sciences, NSCC, Lawrencetown, Nova Scotia. The product is unedited, unverified and intended for educational purposes only.

Cartography by Richard Tuovila, 2024



Citations

Data Sources

Esri. (2024, Nov 4). *World Gazetteer*. ArcGIS Hub. <https://hub.arcgis.com/>

Esri. (2024, Nov 26). *World Hillshade [Basemap]*. <https://www.arcgis.com/home/item.html?id=1b243539f4514b6ba35e7d99589odb1d>

Town of Estes Park, Colorado. (2024, Nov 4). *Town of Estes Park GIS*. <https://gisdata-estespark.hub.arcgis.com/>

United States Geological Survey (2024, Nov 4). *GIS Data Portal*. <https://www.usgs.gov/the-national-map-data-delivery/gis-data-download>

US National Park Service. (2024, Nov 4). *Rocky Mountain National Park - Data Portal*. <https://romo-nps.opendata.arcgis.com/>

Narrative

US National Park Service. (2024, Nov 29). *Fees and Passes*. <https://www.nps.gov/romo/planyourvisit/fees.htm>

US National Park Service. (2024, Nov 29). *Natural Features and Ecosystems*. <https://www.nps.gov/romo/learn/nature/naturalfeaturesandecosystems.htm>

US National Park Service. (2024, Nov 29). *Rocky Mountain National Park - Information Page*. <https://www.nps.gov/romo/index.htm>

US National Park Service. (2024, Nov 29). *Things To Do*. <https://www.nps.gov/romo/planyourvisit/things2do.htm>

US National Park Service. (2024, Nov 29). *Tribal Partners*. <https://www.nps.gov/romo/learn/tribal-partners.htm>

Imagery

US National Park Service. (2024). *Map Symbols*. <https://www.nps.gov/subjects/gisandmapping/map-symbols-patterns-for-nps-maps.htm>

Front Cover: Yuan, V. (2024). *A view of a mountain range with trees in the foreground* [Photograph]. Unsplash. <https://unsplash.com/photos/a-view-of-a-mountain-range-with-trees-in-the-foreground-f48Vt1frB6g>

Page i: Yuan, V. (2024). *A large body of water surrounded by a lush green field* [Photograph]. Unsplash. <https://unsplash.com/photos/a-large-body-of-water-surrounded-by-a-lush-green-field-K9gEH7DBSLU>

Page iii: Donovski, D. (2022). *A mountain range covered in snow and clouds* [Photograph]. Unsplash <https://unsplash.com/photos/a-mountain-range-covered-in-snow-and-clouds-6gqmNFMUXkM>

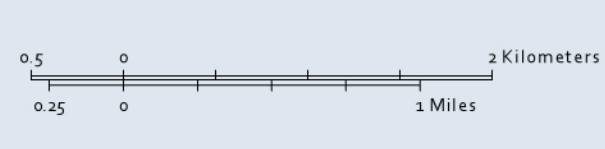
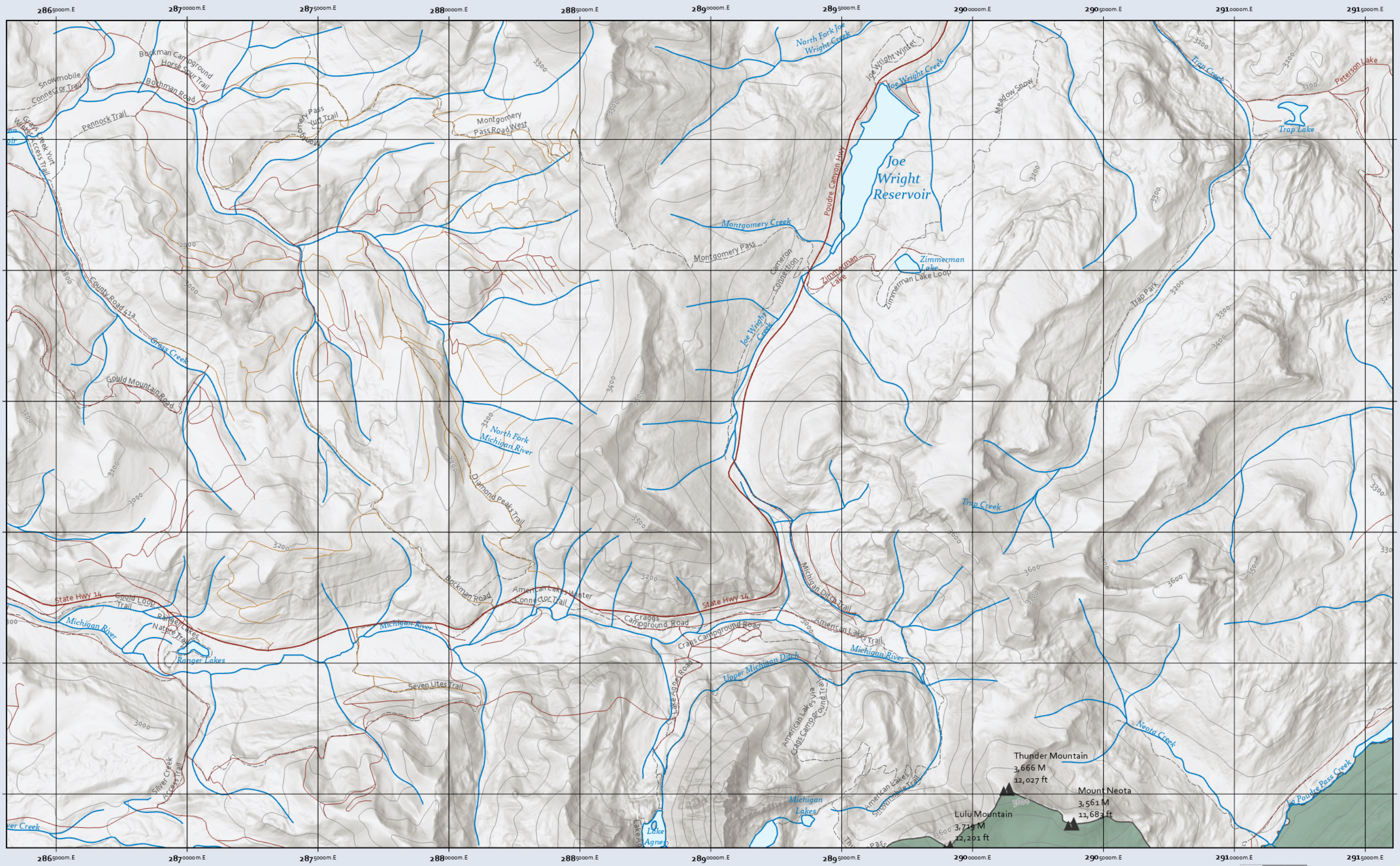
Back Cover: Yuan, V. (2024). *A view of a mountain range with trees and mountains in the background* [Photograph]. Unsplash. <https://unsplash.com/photos/a-view-of-a-mountain-range-with-trees-and-mountains-in-the-background-crxTkoojsml>

Software

Adobe Inc. (2024). *Adobe Illustrator*. (Version 29.1). <https://adobe.com/products/illustrator>

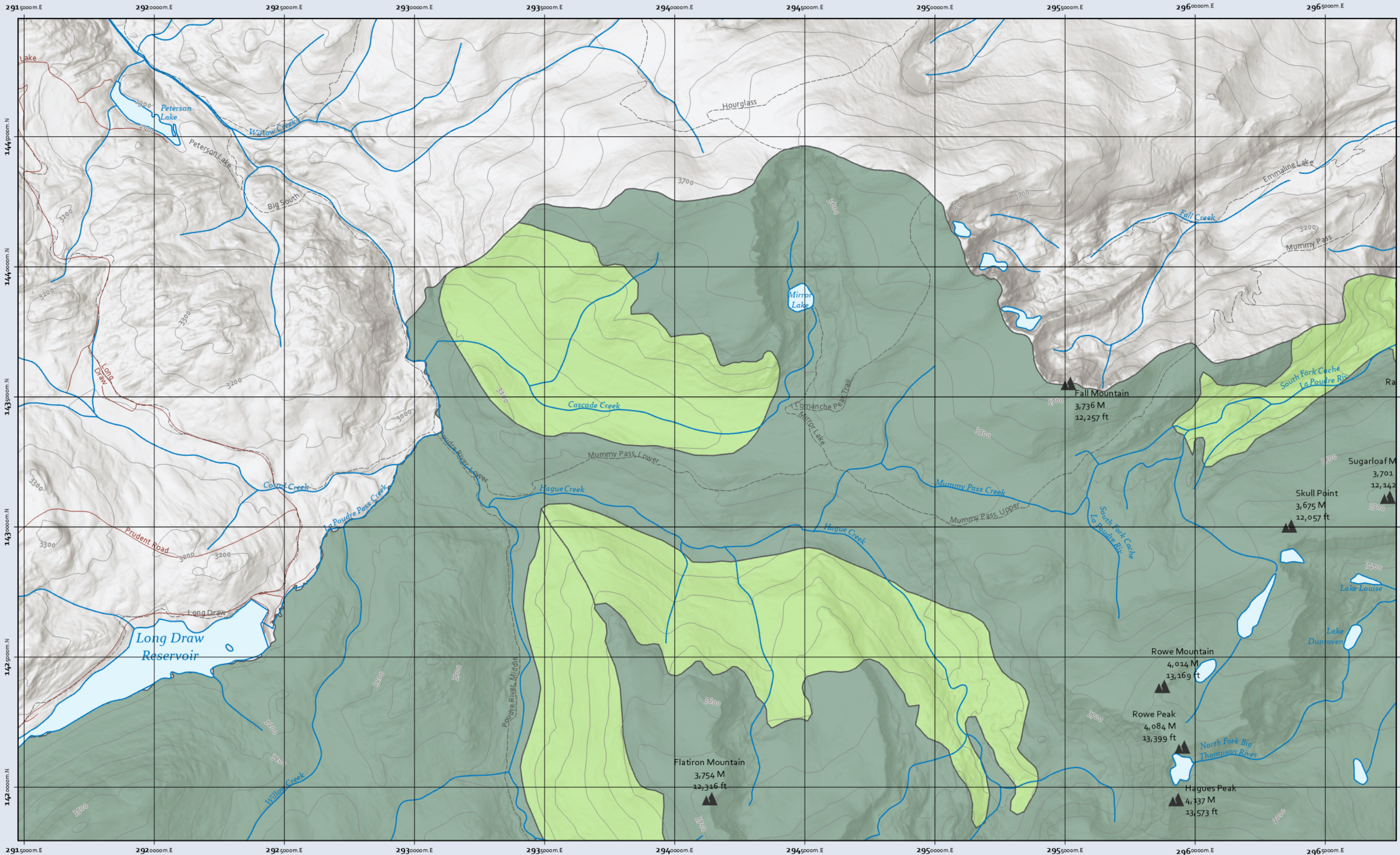
Esri. (2024). *ArcGIS Pro* (Version 3.3.2). <https://www.esri.com/en-us/arcgis/products/arcgis-pro/overview>





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ROCKY MOUNTAIN NATIONAL PARK

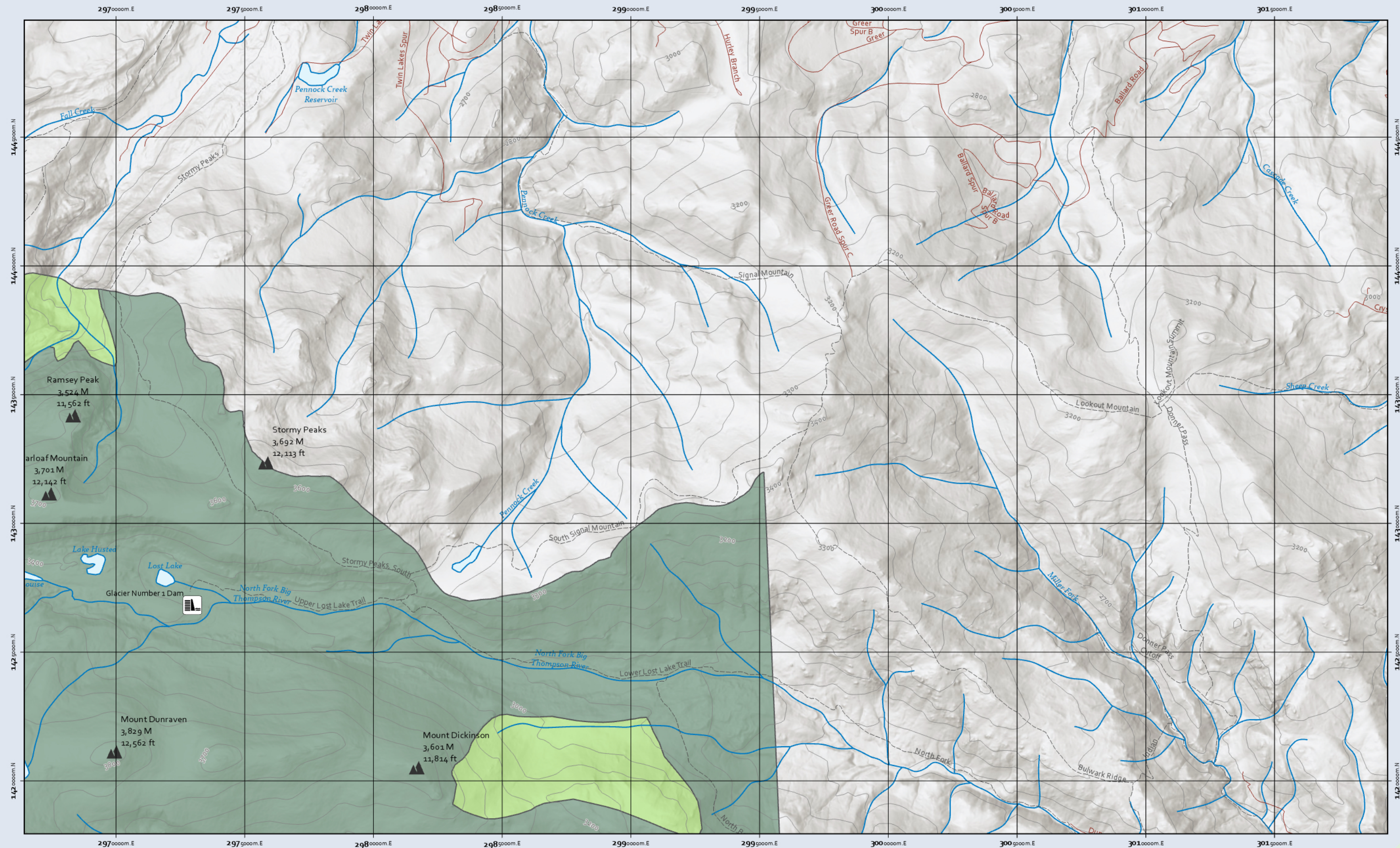
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A2

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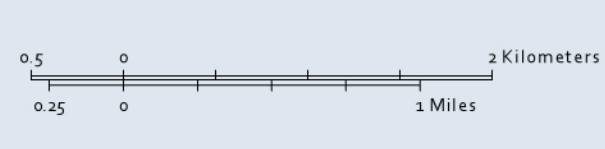
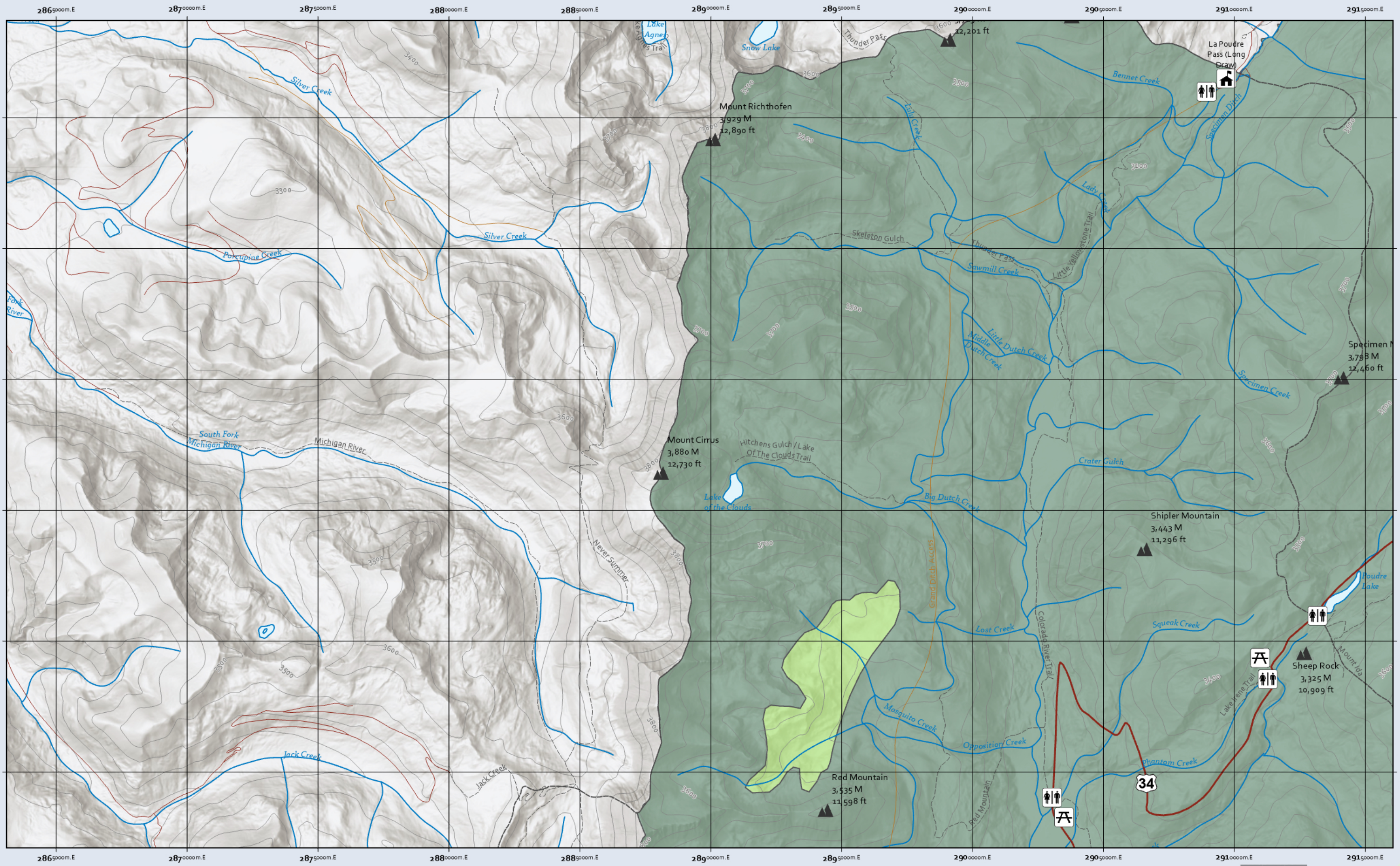
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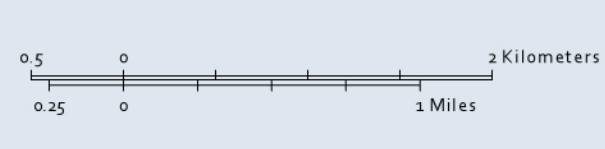
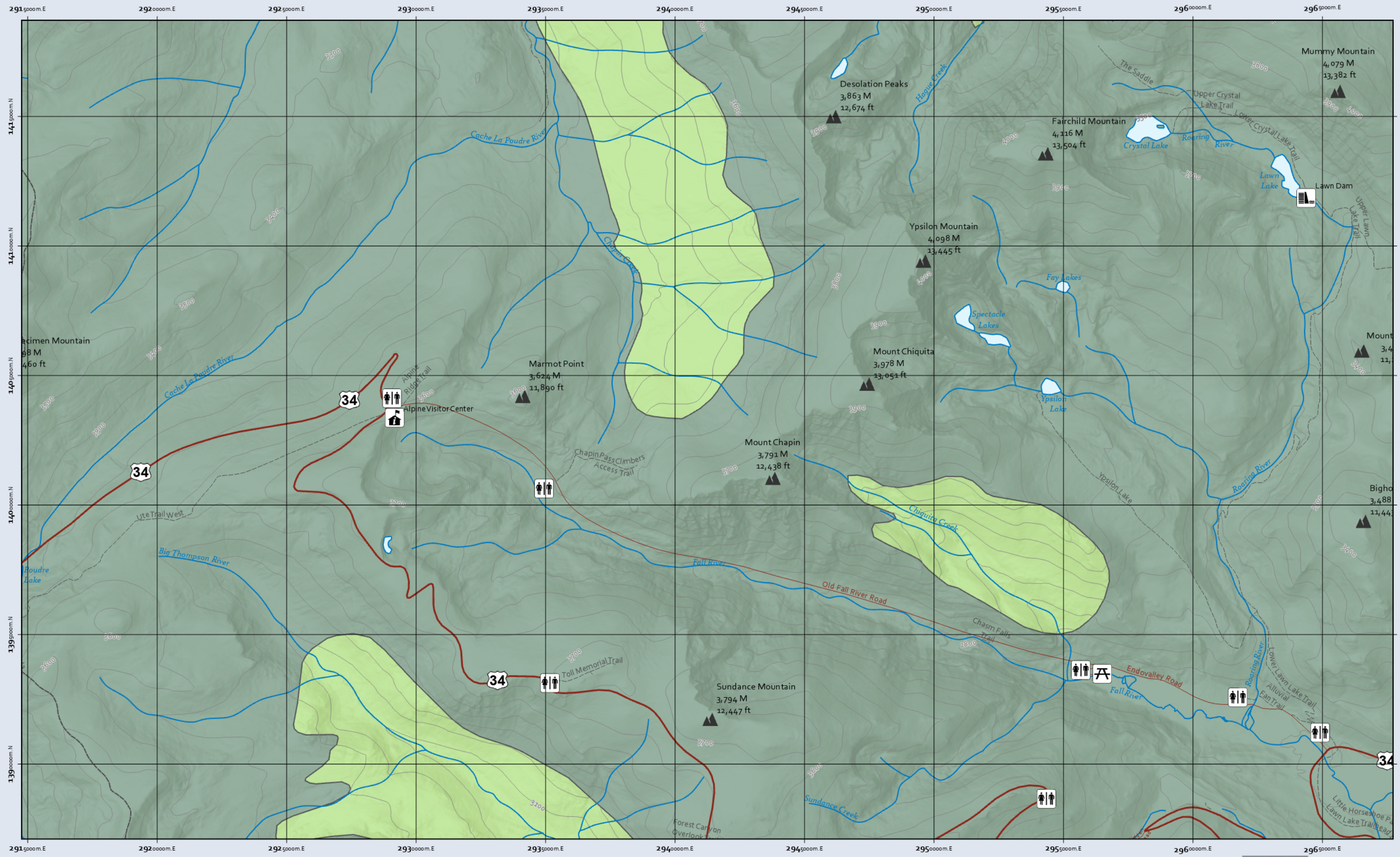


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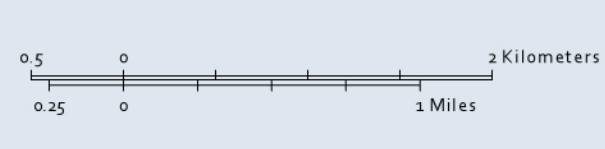
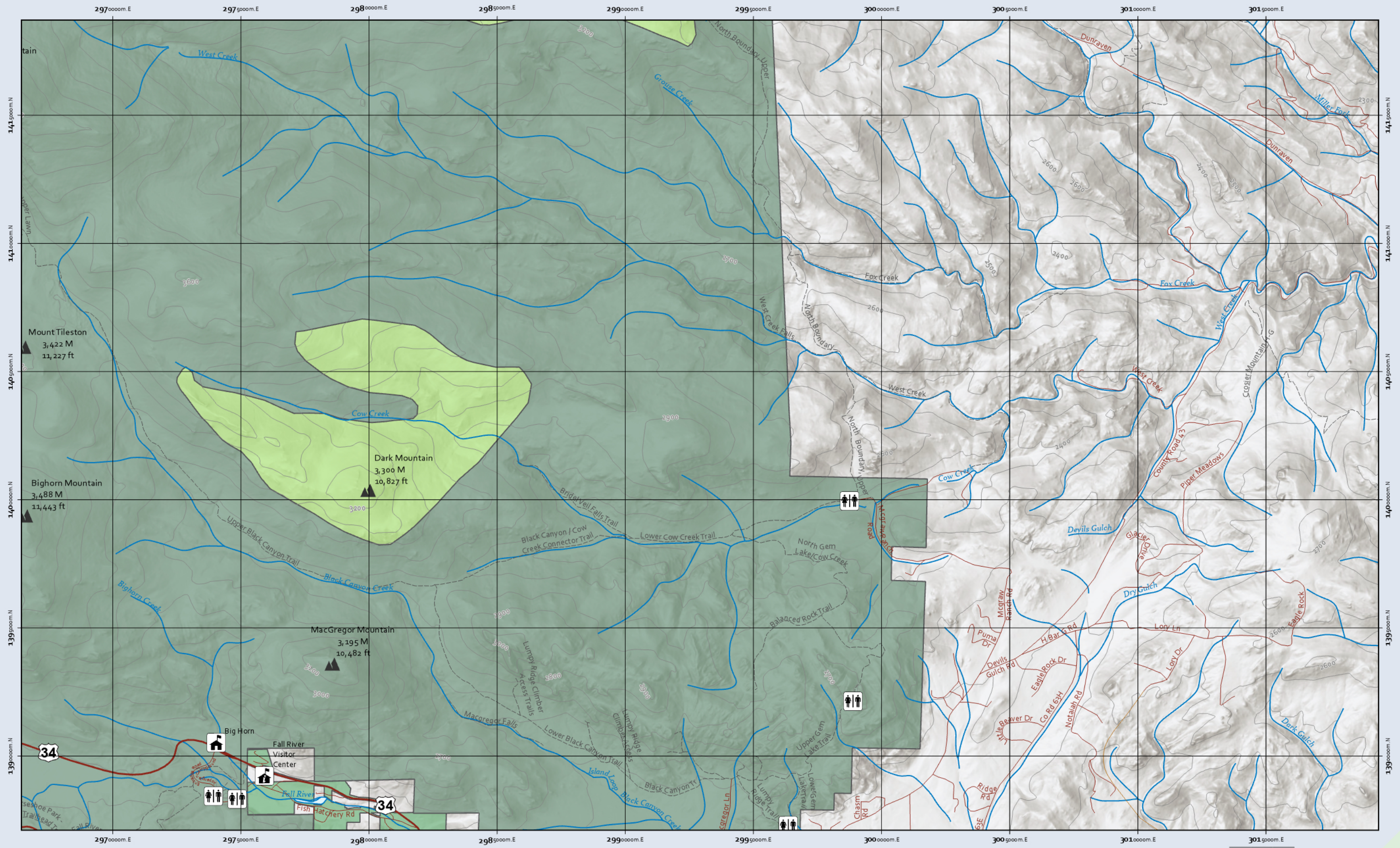
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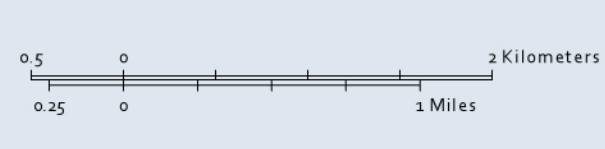
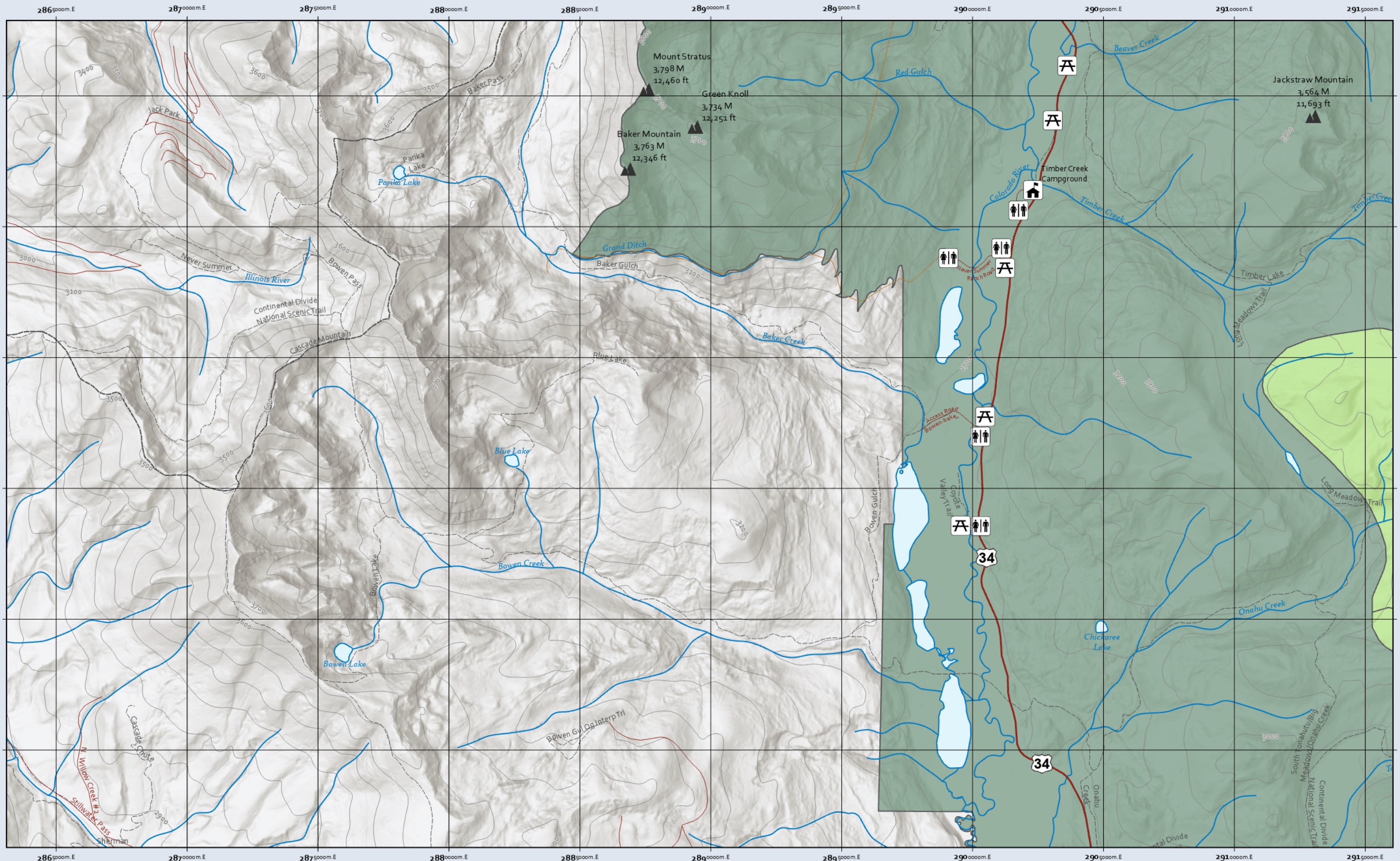
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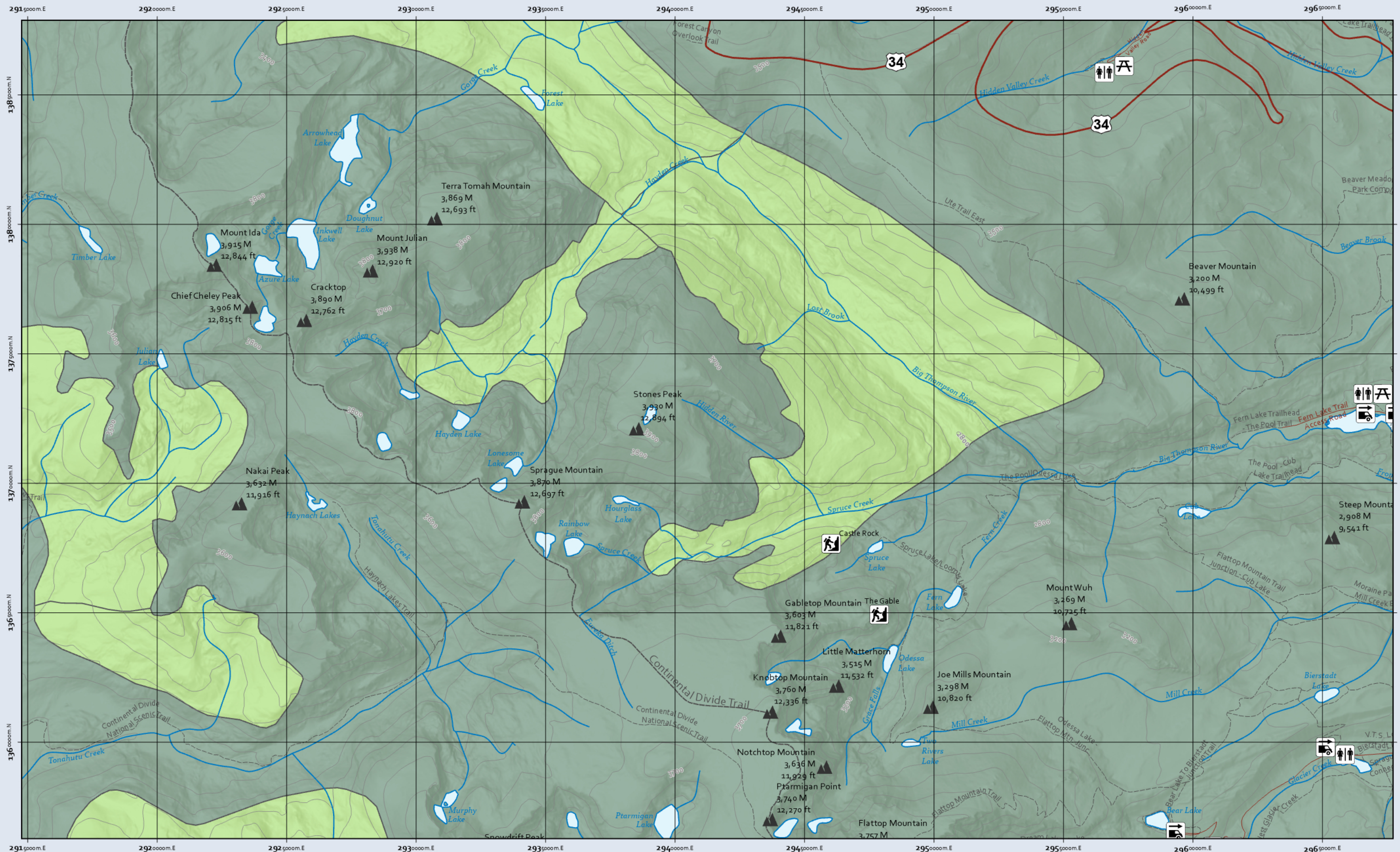
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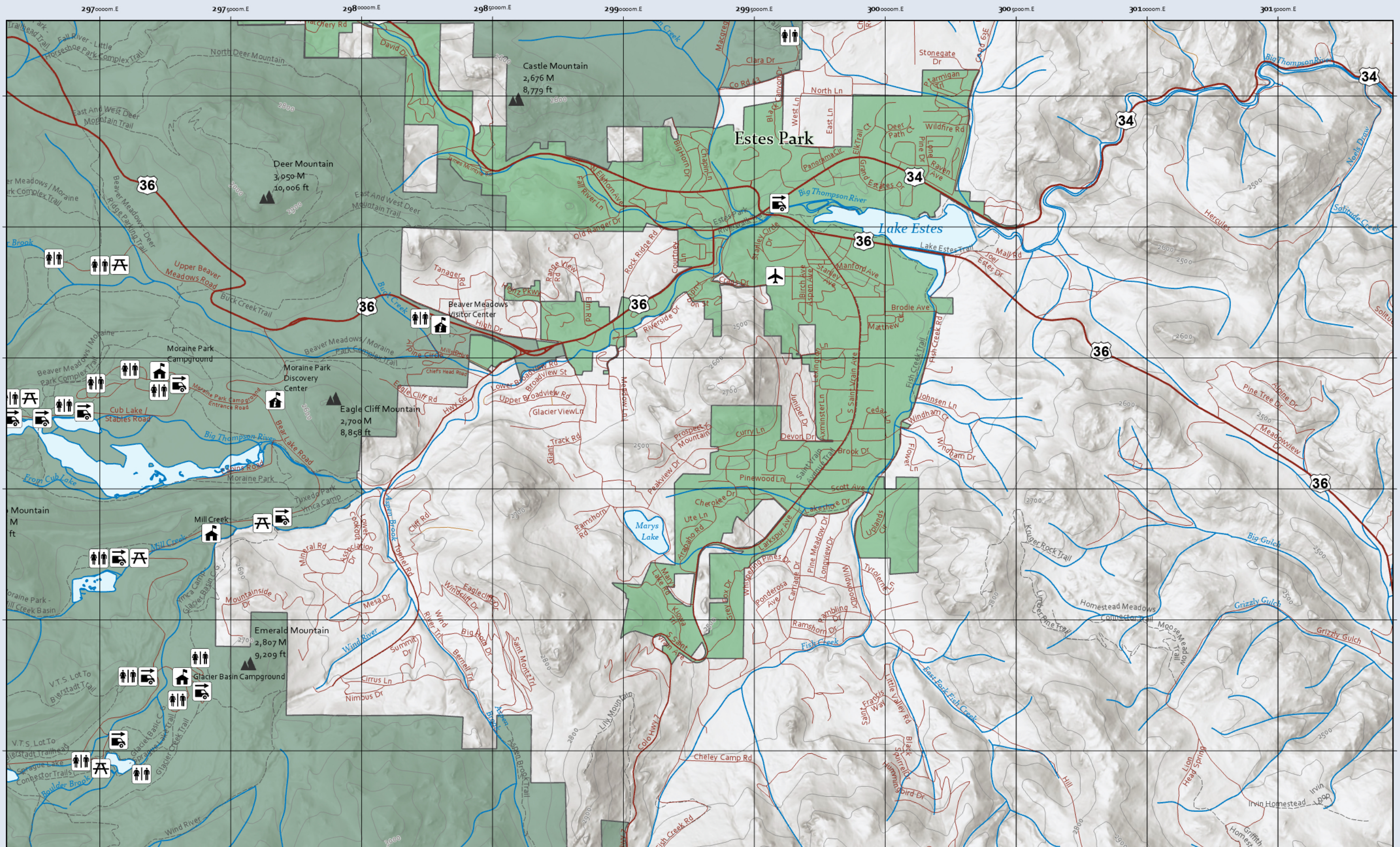


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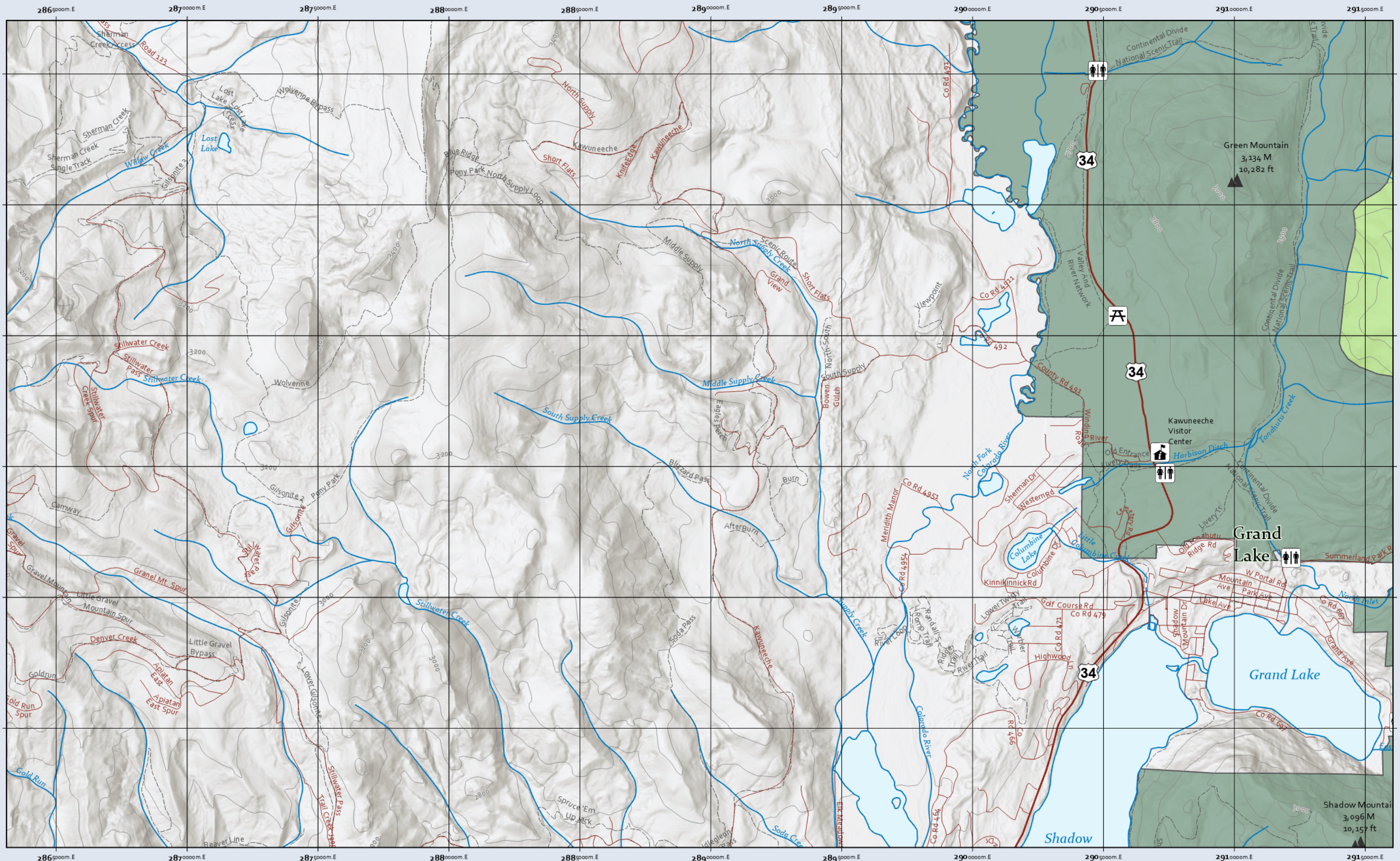
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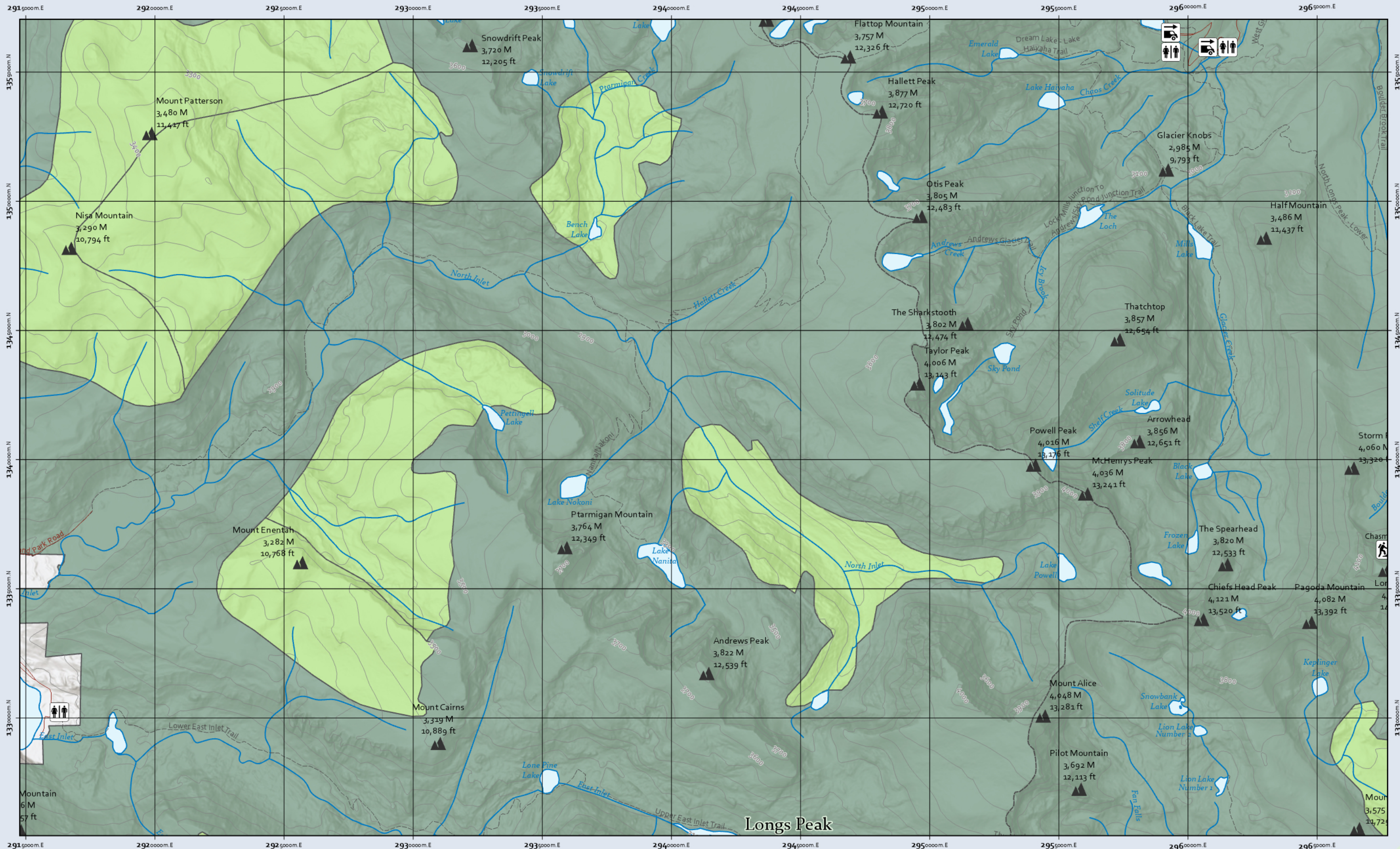
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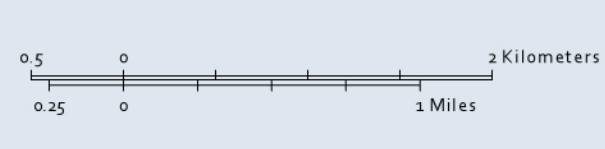
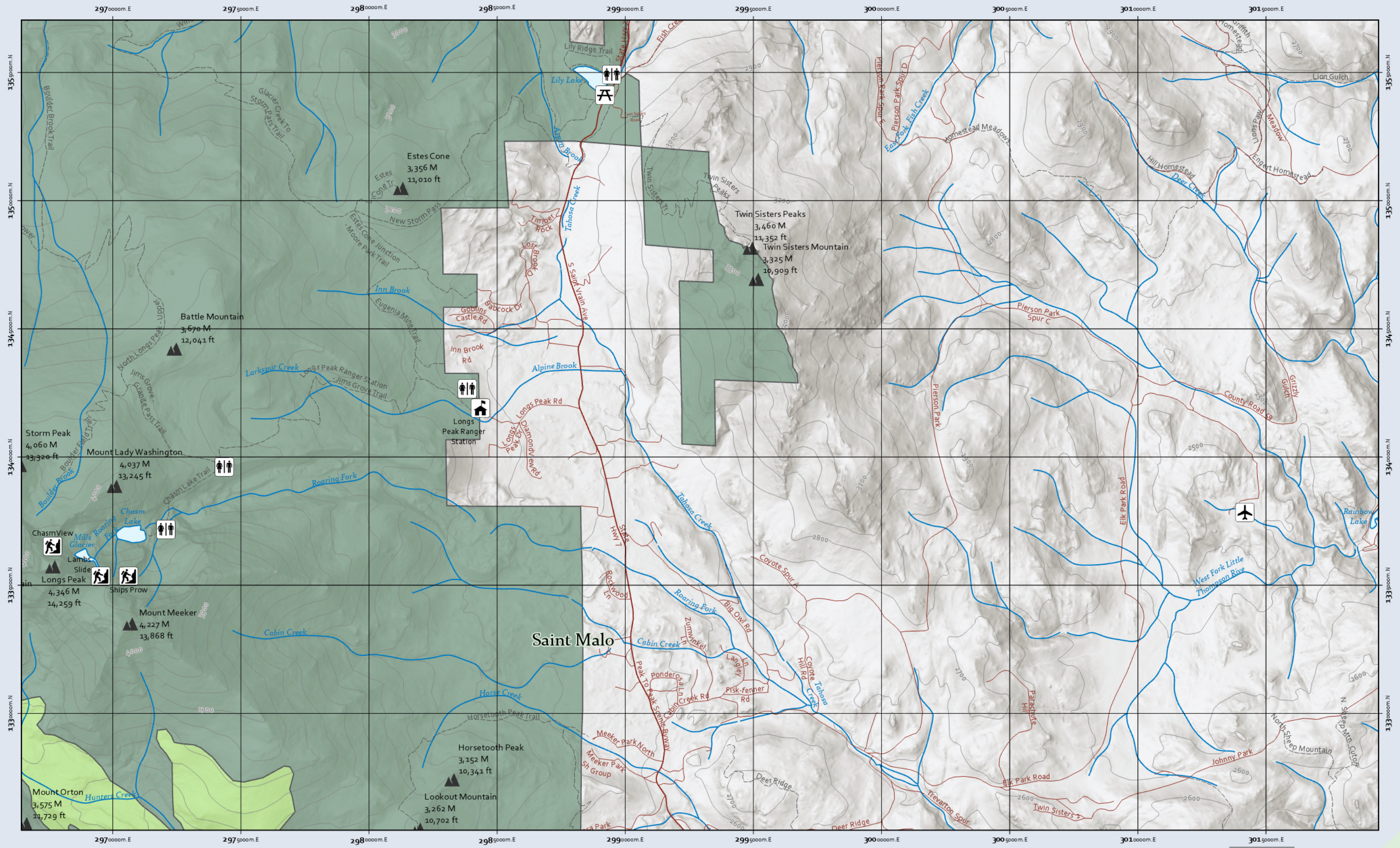
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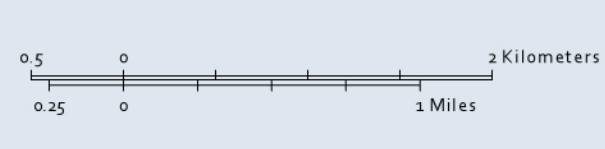
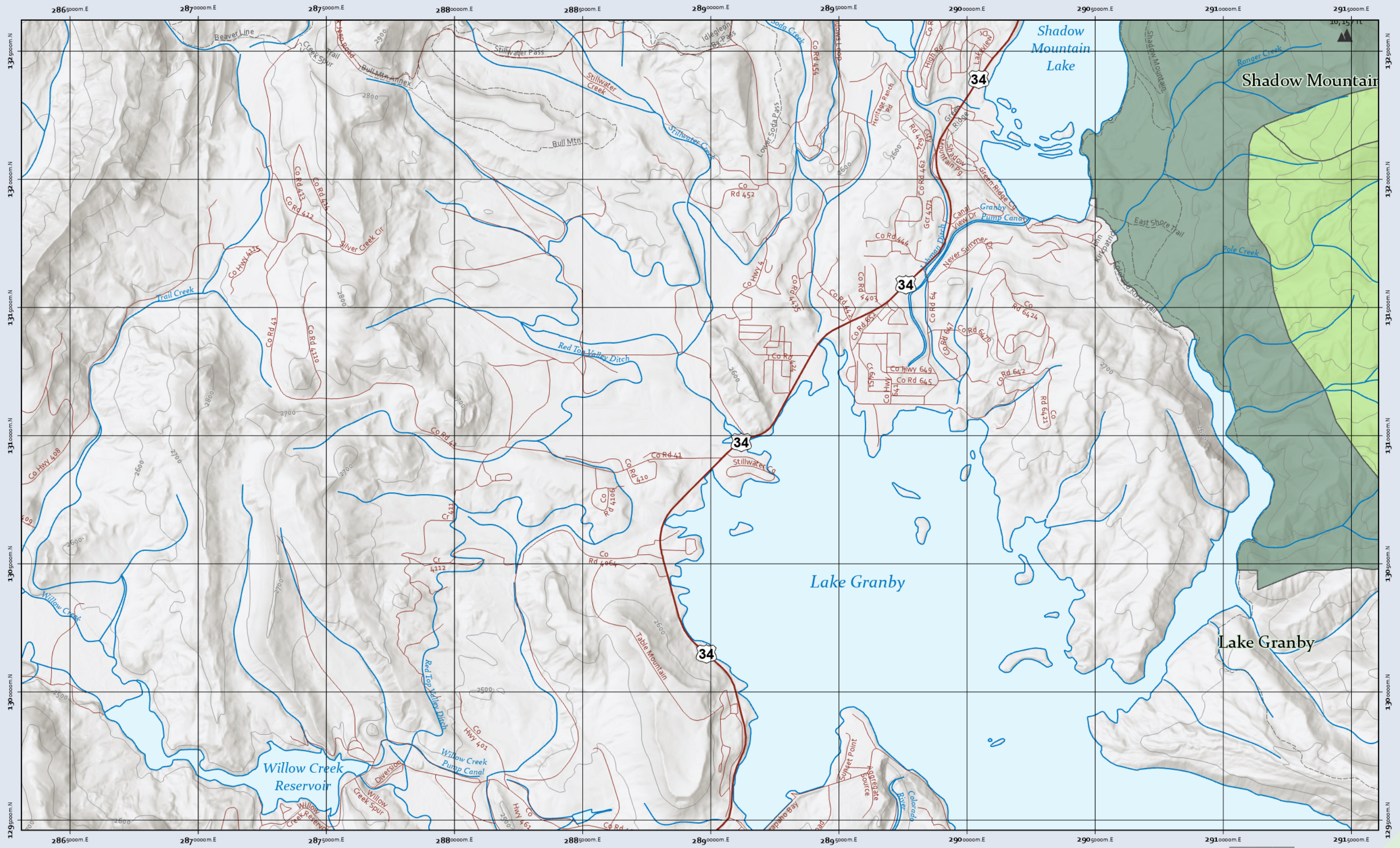


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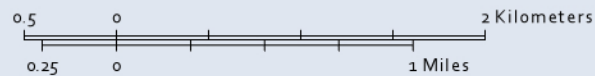
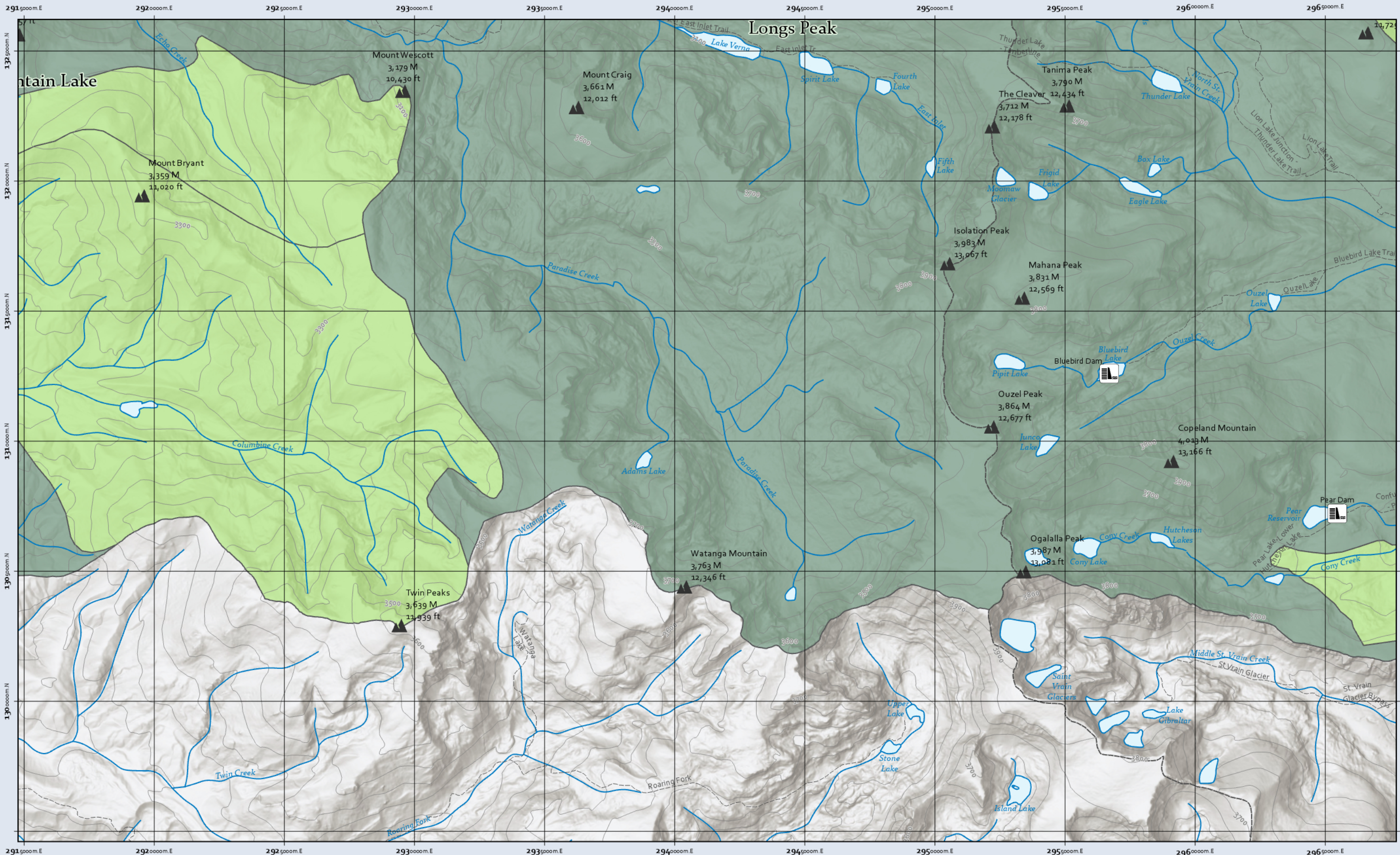
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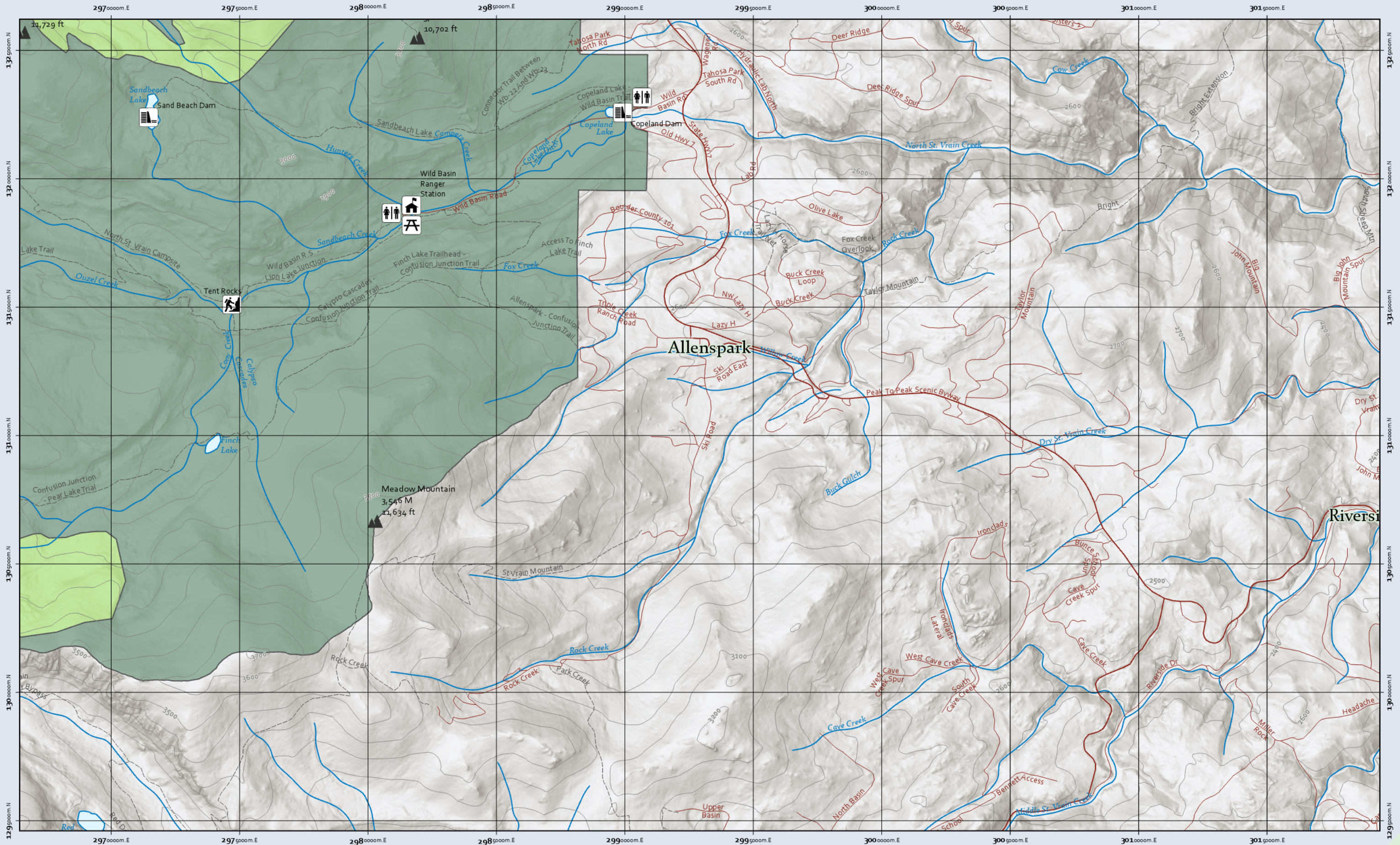
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E2



ROCKY MOUNTAIN NATIONAL PARK

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E3

Your guide to 415 square miles of national park,
with over 300 miles of hiking trails.

15 1:40000 Scale Map Plates

