

Trip Planning and Researching Summits

Check and Double-Check...

- Look at more than one map reference
- Public land and road info is not always correct
- Review aerial views of summit and access
- Be prepared to hike, even on a presumed drive-up (the dreaded gate, downed tree, or overgrown road)



Trip Planning and Researching Summits

CaTOPO <https://caltopo.com/>

The screenshot displays the CaTOPO web application interface. The main map shows a topographic view of a mountain range with several peaks marked with red dots and labeled with WFOICE IDs and names. A red dashed circle highlights the peak WFOICE-028, Lookout Mountain. The sidebar on the left contains a 'Markers' list with details for each peak, including its SOTA Association and Region. The sidebar on the right contains a 'Map Overlays' section with various options like 'Contours', 'Slope Angle', and 'Public Lands', and a 'Weather Forecast' section. The top of the browser window shows the URL <https://caltopo.com/map.html#lat=44.31096,-120.36913&z=12&b=716a&a=sma> and various browser tabs and extensions.

Markers List:

- WFOICE-009, Paulina F
- SOTA Association: WFO - USA - Oregon, Region: OR-Central Oregon
- WFOICE-014, North Pa
- SOTA Association: WFO - USA - Oregon, Region: OR-Central Oregon
- WFOICE-017, Burn But
- SOTA Association: WFO - USA - Oregon, Region: OR-Central Oregon
- WFOICE-026, Bald Mtn
- SOTA Association: WFO - USA - Oregon, Region: OR-Central Oregon
- WFOICE-021, Capoy M
- SOTA Association: WFO - USA - Oregon, Region: OR-Central Oregon
- WFOICE-028, Hager Mt
- SOTA Association: WFO - USA - Oregon, Region: OR-Central Oregon
- WFOICE-030, Walker M
- SOTA Association: WFO - USA - Oregon, Region: OR-Central Oregon
- WFOICE-032, Otwell But
- SOTA Association: WFO - USA - Oregon, Region: OR-Central Oregon
- WFOICE-039, Lookout f
- SOTA Association: WFO - USA - Oregon, Region: OR-Central Oregon
- WFOICE-040, Spanish I

Map Overlays:

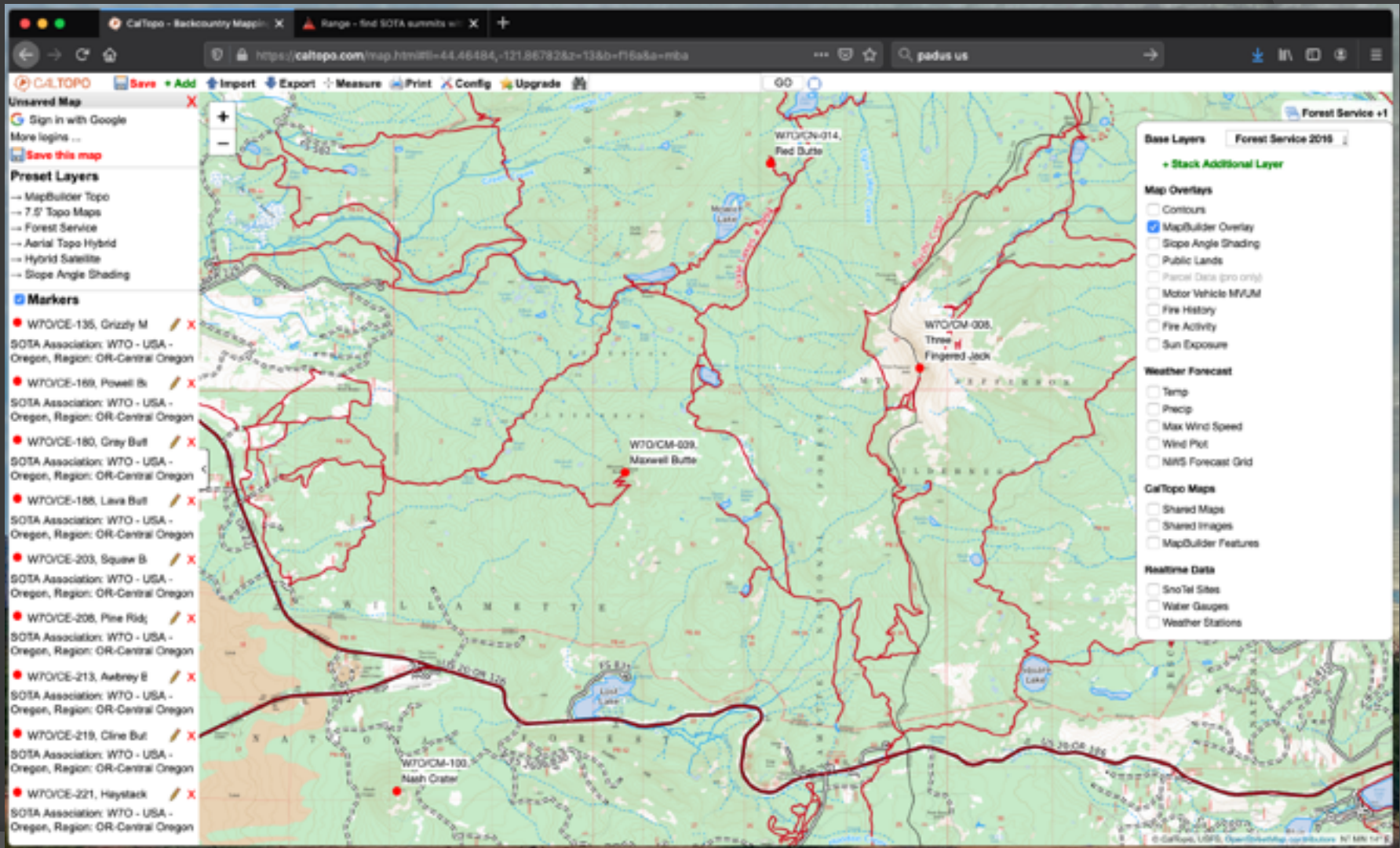
- Contours
- MapBuilder O
- Slope Angle E
- Public Lands
- Motor Vehicle
- Fire History
- Fire Activity
- Sun Exposure

Weather Forecast:

- Temp
- Precip
- Max Wind Sp
- Wind Pict
- NWS Forecast

Trip Planning and Researching Summits

CaTOPO Stacking layers



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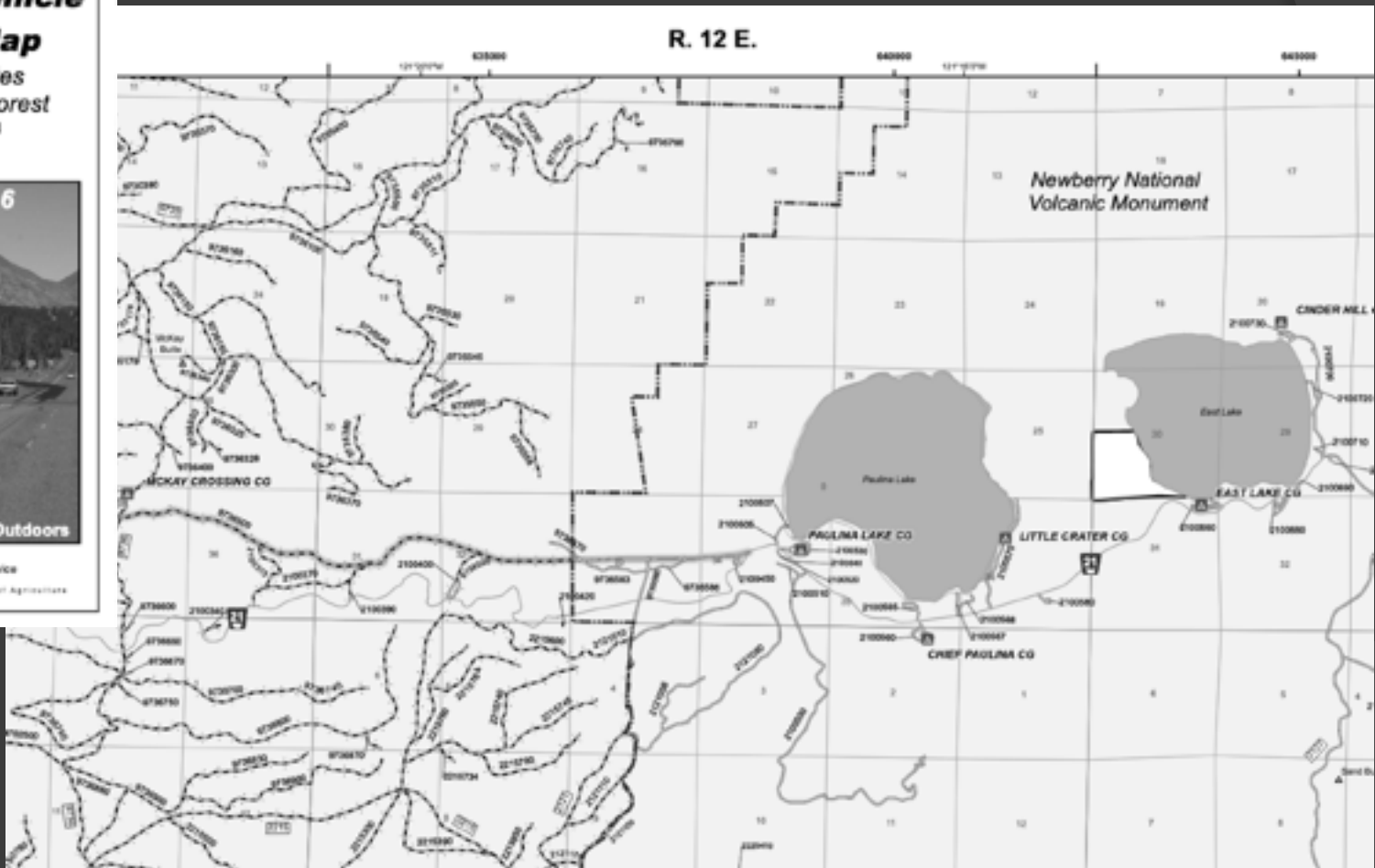
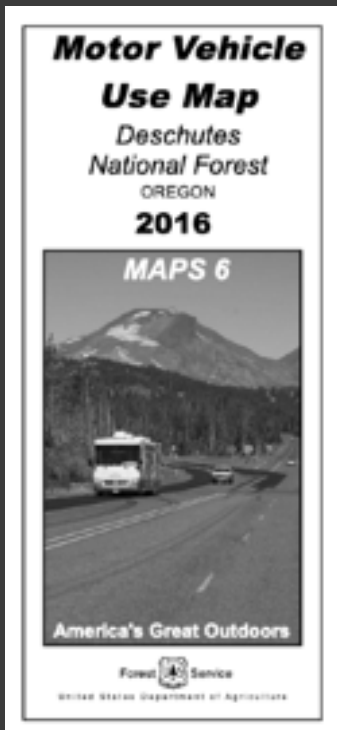
USGS Protected Area Database <https://maps.usgs.gov/padus/>

The screenshot displays the USGS Protected Areas Database of the United States (PAD-US) web application. The interface is divided into several sections:

- Header:** USGS logo and the text "Protected Areas Database of the United States".
- Search and Navigation:** A search bar with the placeholder "Search for locations", an "Add data" button, and a "Remove All" button.
- Data Sets:** A list of data sets, currently showing "PAD-US 2.0 Fee Managers (National Scale)".
- Map:** A map showing a city area with various colored overlays representing protected areas. The map includes a scale bar (1 mi) and coordinates (Lat: 44.16152°N, Lon: 121.35841°W).
- Legend:** A legend titled "Protected Areas Database of the United States (PAD-US)" listing various agencies and their corresponding colors. The legend includes: Department of Defense (DOD), Bureau of Land Management (BLM), National Park Service (NPS), Forest Service (USFS), Army Corps of Engineers (USACE), Bureau of Reclamation (USBR), U.S. Fish and Wildlife Service, Bureau of Ocean Energy Management, National Oceanic and Atmospheric Administration (NOAA), Natural Resources Conservation Service (NRCS), Other Federal (TVA, ARS, RPA, etc.), Non-Governmental Organization, State Trust Land, Other State (NHP, DOD, etc.), State Fish and Wildlife, State Park and Recreation, County / Regional Agency Land, City Land, Private Conservation; Private Conservation; Joint, Other, Unknown.
- Footer:** Links for "DOI Privacy Policy", "Legal", "Accessibility", "Site Map", and "Contact USGS".

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USFS Motor Vehicle Use Maps (MVUM)



- Note that some secondary routes are becoming overgrown and may not be passable in a car/truck

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Sources for Checking Road and Trail Conditions:

- Contact last-recent activator for the summit
- Forest Service Ranger Station
- BLM Regional Office
- Regional Park or State Forest Office
- On-line trail condition reports

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MyMaps <https://www.google.com/maps>

The screenshot displays a Google MyMaps interface with a map of the Western United States. The map is populated with numerous colored markers (red, yellow, blue) representing summits. A pop-up window for a specific summit, 'W7U/NU-067, Quarry Mountain', is open, showing the date '25/May/2017, 14 QSOs' and coordinates '40.68286, -111.82359'. The left sidebar contains a list of summits, including 'W70/CE-265 6957', 'W70/CE-274 5740', 'W70/CE-276 5635', 'W70/CE-101 Arrowwood Pt...', 'W70/CE-104 Prairie Hill', 'W70/CE-176 Horse Ridge', 'W7A/KM-643 Humboldt Mo...', 'W70/CE-130 Frederick Butte', 'W70/CE-157 Pine Ridge', 'W70/CM-101 Bates Butte', 'W70/CM-094 Pringle Butte', 'W70/DN-100 3620', 'W70/DN-084 4940', 'W70/DN-029 Green Ridge', 'W70/CE-117 Green Butte', and 'W70/CE-154 Spring Butte'. Below this list is a 'Future Summits List' with individual styles for 'W70/CE-053 China Hat', 'W70/CE-131 Poly Top Butte', 'W70/CE-260 6314 6 pts', and 'W70/CM-001 South Sister'. The map shows major cities like Portland, Sacramento, San Francisco, Los Angeles, San Diego, Las Vegas, Phoenix, and Albuquerque, along with state boundaries for Oregon, California, Nevada, Utah, Arizona, New Mexico, and Colorado. The browser address bar shows the URL 'https://www.google.com/maps/@40.68286,-111.82359,15z' and the search bar contains 'mymaps'.

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Before You Go *(Because Ron found out the hard way):*

- Make a check list, try not to forget anything - important cables, connectors, power cords, etc
- Let someone know where you're going, when you'll be back
- If possible have backup plans, alternate summit(s)
- Prepare your log with summit designation and related info
- Post Alert to SOTAWatch

Trip Planning and Researching Summits

More Before You Go *(Because Ron found out the hard way):*

- Check that your phone/GPG have the necessary maps ready as needed
- Have paper maps as backup
- Fully charge all your batteries and devices (phone/GPS/HT)
- Take a saw and tow rope to remove down trees across the road - could be a trip saver!