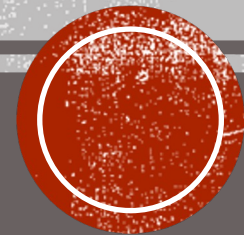


PORTABLE ANTENNAS FOR PARKS ON THE AIR

Tricia Olson

KØTRD



THINGS TO CONSIDER WHEN CHOOSING A POTA ANTENNA

- Will you be hiking to your activation?
- Mother Nature's moods



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- Will you be hiking to your activation?
- Mother Nature's moods
- Operate from a picnic table



THINGS TO CONSIDER WHEN CHOOSING A POTA ANTENNA

- Will you be hiking to your activation?
- Mother Nature's moods
- Operate from a picnic table
- Operate from the vehicle
- What bands do you want to use?
- Park Rules
- Time to Deploy & Teardown



ANTENNA SHOULD SUIT YOU AND YOUR STYLE

- If you like to pack light and run QRP, a random wire might be just the ticket.



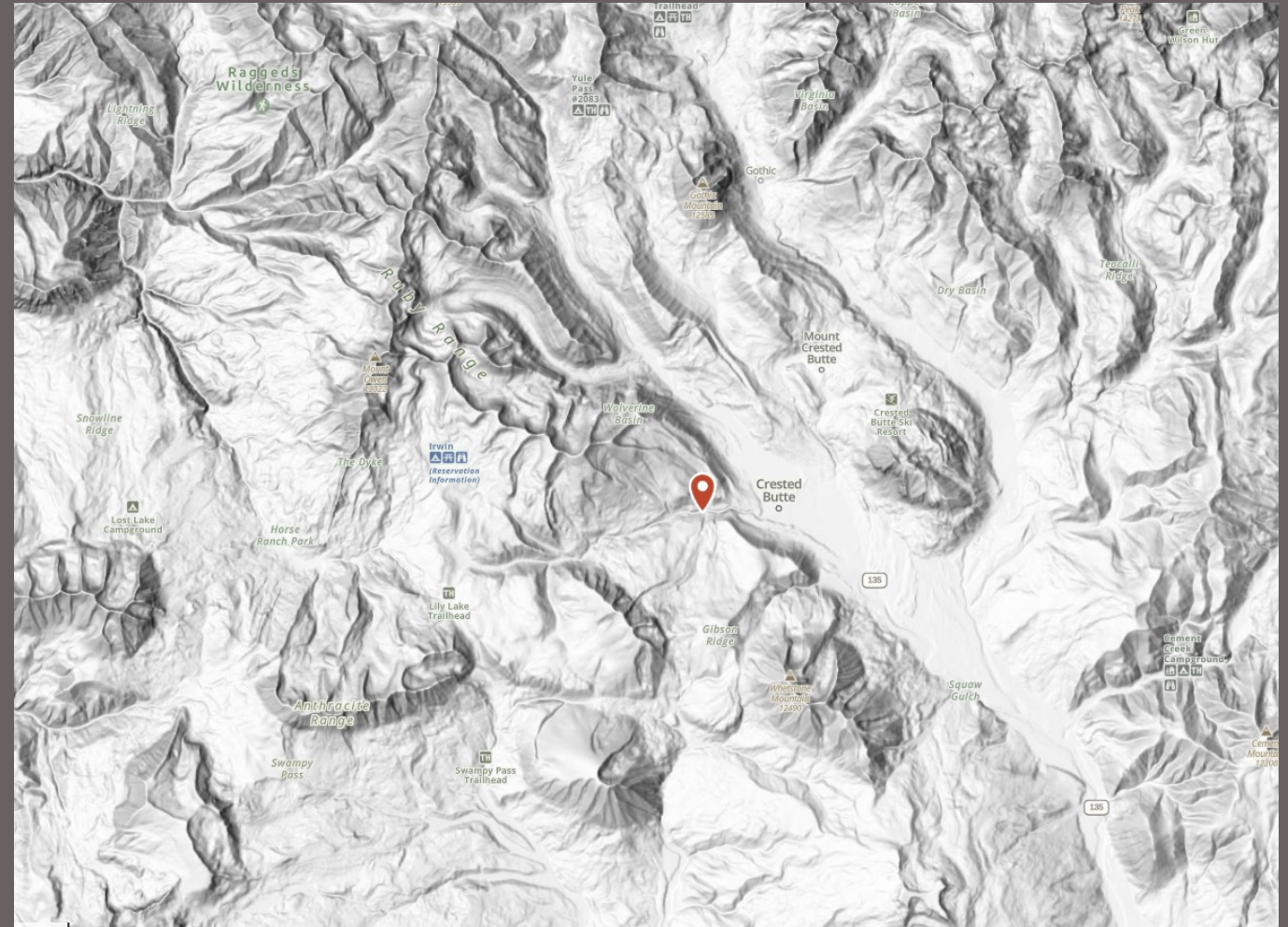
ANTENNA SHOULD SUIT YOU AND YOUR STYLE

- If you like to replicate your entire ham shack when you operate portable, then maybe a BuddiHEX is what you're looking for.



A SITE SURVEY MIGHT BE HELPFUL

- Satellite view on Google Maps or Gaia GPS may give a good indication of what to expect



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A SITE SURVEY MIGHT BE HELPFUL

- Satellite view on Google Maps or Gaia GPS may give a good indication of what to expect
- Be careful, those trees might be bushes!



WHAT IF YOU'RE A TECHNICIAN?



- UHF and VHF can be used to catch some local contacts, especially if elevation is an advantage, or you are near a populated area.



K-4402
Gunnison NF, CO



OPTIONS WITHOUT TREES

- Wolf River Coil
- Adjustable collar to change bands
- Telescoping Whip
- Can attach to NMO mount with adaptor
- Can also deploy as ground mount on a tripod with radials



OPTIONS WITHOUT TREES



OPTIONS USING TREES

- End Fed Half Wave
- Resonant on 40M / 20M / 15M / 10M
- 17M / 12M with tuner
- Can deploy in multiple configurations



OPTIONS USING TREES

- Home Brew Fan Dipole
- 2 parallel wires
- Center Fed through 1:1 Balun
- Can customize wire length for the bands you want



OPTIONS USING TREES

- Home Brew Fan Dipole
- 2 parallel wires
- Center Fed through 1:1 Balun
- Can customize wire length for the bands you want



W00D
Franken-Dipole



DON'T BE AFRAID TO HOMEBREW

- Fan Dipole for 80M & 17M
- 2 Wires run 90° to each other
- Can customize wire lengths for the bands you want



LEARN TO IMPROVISE



- Poles to Support Transformer & Paracord Tied to Truck



LEARN TO IMPROVISE

- Mag Mount on Rental Car for a HamStick



MOST IMPORTANT TAKE-AWAYS



K-0191
Brush Hollow SWA,
CO

- Get out there & Activate!
- Have Fun!

