

## **POWDER MOUNTAIN REPEATER**

The Powder Mountain repeaters are now officially back on the air as of 9/12/21. These repeaters have been down for many months. My 2 close friends who used to own/maintain these repeaters have both passed, and one of these two guys was one of the original members (as I was also) of the Weber County Sheriff's communication team. I have been assisting with the maintenance of these two repeaters for almost 20 years.

I have been working hard lately getting these two repeaters back on the air with the help of Mike Wilde KJ7HEX, Todd Shobe KW7TES, and Gene Morgan WB7RLX.

These two repeaters are solely owned by the Weber Country Sheriff's office now but are open for use for all hams to use. They are located at the top of the Hidden Lake lift area at Powder Mountain. The coverage area should include the Ogden Valley (Eden, Huntsville, and Liberty) most all of Cache Valley, the Monte Cristo area and parts of the Ogden Area. I even suspect it will reach into Morgan and Mountain Green. We have not yet tested its coverage range as of yet. I also think it may even be reachable from the Evanston area and some of the Uintah mountains.

### **2 Meter Repeater:**

Receive Frequency: 145.47000

Transmit Frequency: 144.87000

CTCSS Tone of: 123

### **70 cm Repeater**

Receive Frequency: 447.775

Transmit Frequency: 442.775

CTCSS Tone of: 123

The CW ID tone is 1000 Hz for the 145 machine and 1500 Hz for the 447 machine, I programmed it that way so you can tell the difference between the two repeaters when they ID without looking at your radio to see which one just sent out it's CW ID, the higher frequency tone is for the higher frequency repeater. Also note that one repeater has a 1 second hang time after you un-key and the other a 2 second hang time after you un-key. These machines will most likely be replaced in a few months with Yaesu repeaters assuming that funds are approved at the Sheriff's office. Currently there is no link with other repeaters but we are considering options after the Yaesu repeaters are installed.

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