

The PPFMA repeaters are off the air.

As part of the new construction on the summit of Pikes Peak and the necessary relocation of the PPFMA repeaters and antennas, **the 146.970 and 448.450 repeaters will be off the air starting 27 January 2021. The 146.970 repeater is expected to be back on the air by 28 Feb 2021.** The propagation pattern of the antenna in its new location will be different than what we have today. More specific information will be known after testing in February.

Here are some alternatives that can connect Teller hams with their friends on the east side of Pikes Peak:

1. MARC Repeater, of course! Use the 447.4750 frequency in Colorado Springs (<http://www.nx0g.org/>)
2. CMRG - all linked repeaters, all use 107.2 Hz CTCSS tone (<http://www.cmrg.org/repeaters>)
 - a. 147.345+ on Cheyenne Mtn - good coverage north, east and south of Cheyenne Mtn - some coverage into Woodland Park and slightly north and west
 - b. 448.100- on Cheyenne Mn - same coverage as the 147.345
 - c. 147.360+ on Badger Mtn - this is the primary frequency for Teller County
 - d. 145.295- on Methodist Mtn near Salida - coverage along the Arkansas River valley and the San Luis Valley
 - e. 146.79-, 88.5 tone - on Baculite Mesa NE of Pueblo. This repeater is operated by the Pueblo ARC and linked with the CMRG system - reaches into the Arkansas River valley west of Pueblo where the Cheyenne Mtn repeaters are shadowed
3. The Fun Machine - all linked repeaters, all 100.0 Hz CTCSS tone (<http://www.we0fun.com/>)
 - a. 449.9750- on Rampart Range Road due east of Westcreek, due west of Larkspur is accessible from many northern Teller county locations. This is also accessible from Colorado Springs and points north along the I-25 corridor.
 - b. 447.9750- in Cañon City is accessible from Cripple Creek and south
 - c. 447.2500- on Fremont Peak southwest of Cañon City is accessible from southern Teller county
4. Rocky Mountain Ham DMR network repeaters on Almagre, Badger, Squaw, Westcreek and Cañon City sites can be used to connect to hams within the areas that the PPFMA repeaters covered
5. Simplex
 1. 146.460 is a popular simplex channel in Colorado Springs and I am able to use it to communicate with some stations down there. Depending on where you are in Teller county, VHF FM simplex may work for you, too.
 2. HF - don't forget the original ham radio - still works!