

Jielun GPS locations

This from Jielun using her hand-held GPS yesterday:

Larry and Steve,

Here are my GPS readings. Somehow, I didn't get A8 and A9 right, so you can ignore their numbers. I also plotted all the locations. They look pretty good. The red M is the main tower, the green C is the C tower, and the blue line is the fiber-optic line.

Jielun

Comment by Gordon, Dec 18, 2013: Jielun used the original station numbering, which was revised once the stations were set up. I've added a column to her table indicating the actual station numbering when it differs from hers. I've also substituted a lat,lon for her station a8, actual a9, averaged from the GPS data on the DSM.

```
lat_a1=40.81149;lon_a1=-104.78518;
lat_a2=40.81007;lon_a2=-104.78242;
lat_a3=40.80813;lon_a3=-104.78271;
lat_a4=40.80949;lon_a4=-104.78023;
lat_a5=40.80876;lon_a5=-104.78040;
lat_a6=40.80816;lon_a6=-104.78053;
lat_a7=40.80763;lon_a7=-104.78076;
lat_a8=40.80772;lon_a8=-104.77811; actual a9: lat 40.80812, lon -104.77788
lat_a9=40.80771;lon_a9=-104.77811; actual: a10
lat_a10=40.80675;lon_a10=-104.77861; actual a12
lat_a11=40.80645;lon_a11=-104.77876; actual a13
lat_a12=40.80606;lon_a12=-104.77897; actual a14
lat_a13=40.80723;lon_a13=-104.77836; actual a11
lat_a14=40.80733;lon_a14=-104.77655; actual a15
lat_a15=40.80700;lon_a15=-104.77667; actual a16
lat_a16=40.80675;lon_a16=-104.77677; actual a17
lat_a17=40.80740;lon_a17=-104.77901; actual a8
lat_a17_old=40.80689;lon_a17_old=-104.77541; unknown
lat_a18=40.80720;lon_a18=-104.77485;
lat_a19=40.80640;lon_a19=-104.77451;
lat_main=40.80719;lon_main=-104.77811;
lat_c=40.80677;lon_c=-104.77467;
lat_fiber1=40.80705;lon_fiber1=-104.77706;
lat_fiber2=40.80679;lon_fiber2=-104.77708;
lat_fiber3=40.80736;lon_fiber3=-104.77700;
```