

W1ANT Eclipse Station Setup

The setup was on the east side of Interstate-25 just north of Glendo, Wyoming. Below is picture of the setup.

Antenna

Antenna: N9SAB QRP off-center fed multi band dipole with 25m + 15m arms.

Antenna mast: Sotabeams fiberglass telescopic 12m with dipole center about 11m over ground and three guy ropes at about 10m above ground.

Antenna configuration: Inverted V with end of antenna connected to about 2m long rope at each end. Ground was very dry gravel with typical yellow grass and cacti vegetation.

Station

Yesu FT-817ND multi band transceiver connected with an MFJ USB Radio interface to a Linux computer running the latest development build of the WSJT-X software. Station power coming from a single 12V 9Ah Bioenno Lithium Iron Phosphate battery.

Operation

Operation started just before 17:00Z on 20m. Totality at the location was around 17:45Z. Kept calling CQ on 20m throughout totality, until 18:15 when switching over to 40m. Had a couple of QSO's there, switched over to 30m for a couple of QSO's. Tried calling CQ on 15m without any replies heard. Finally switched back to 20m and had two QSO's there until commencing operation around 18:45, an hour after local totality.

