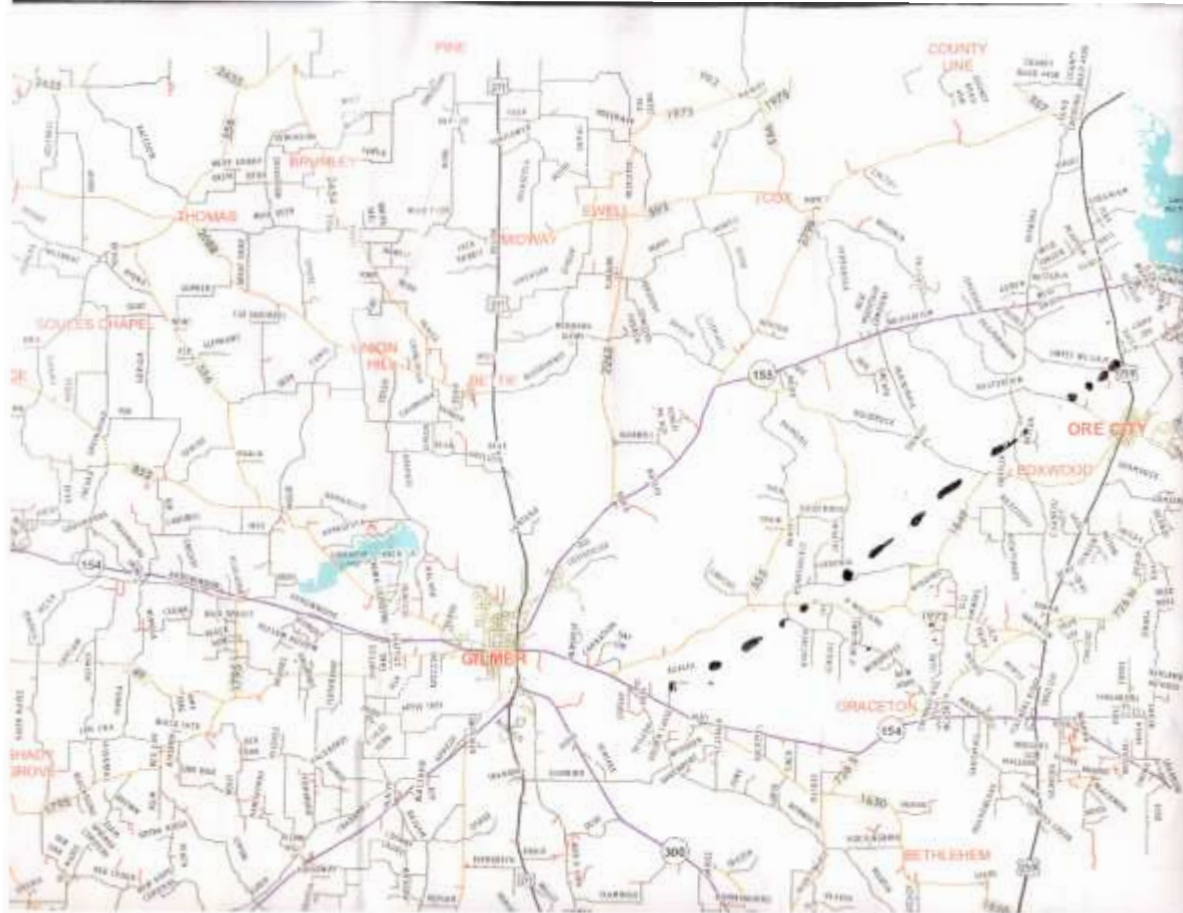


March 21, 2022 Tornado Path Plotted from ARES damage Reports



Proposed K5UAR Repeater Site

- Present location in Eastern Upshur County
- 32-44-22N 94-47-25W
- Antenna height at 412 feet AMSL
- ERP coordinated is 23W

Proposed K5UAR Repeater Site

- New location in Central Upshur County
- 32-43-35N 94-55-03W
- Antenna height at 664 feet AMSL - 250 feet increase
- ERP coordination request to be 150W

Proposed K5UAR Repeater Site



Proposed K5UAR Repeater Site



Proposed K5UAR Repeater Site



Proposed K5UAR Repeater Site



Proposed K5UAR Repeater Site

- Next step is to obtain owner approval to use site
- Obtain coordination (difficult due to proliferation of 2M repeaters) Many no longer active but still listed
- Obtain AC power to hut
- Obtain club approval

Proposed K5UAR Repeater Site

- If all of this comes to be, then the work starts
- Site must be cleaned
- Hut cleaned and repaired
- Tower made safe
- DB 224 removed and refurbished
- Then reinstalled

Proposed K5UAR Repeater Site

- WA5OKO is reworking our spare set of duplexers to convert one BPBR cavity to a BPF
- We found this necessary due to the high RF noise level on the mountain
- We will leave the Bridgecom repeater at the present site as a back up

Proposed K5UAR Repeater Site

- Then the original repeater will be located at Simpson Mt.
- WA5OKO and I were able to copy K5GDM direct on 146.30 MHz with a mag-mount stuck horizontally on the metal door of the hut 7 feet high
- His signal was 3/10 bars on the transceiver
- Noise level was 0 bars – squelch set at minimum
- With a two section helical resonator BPF in line