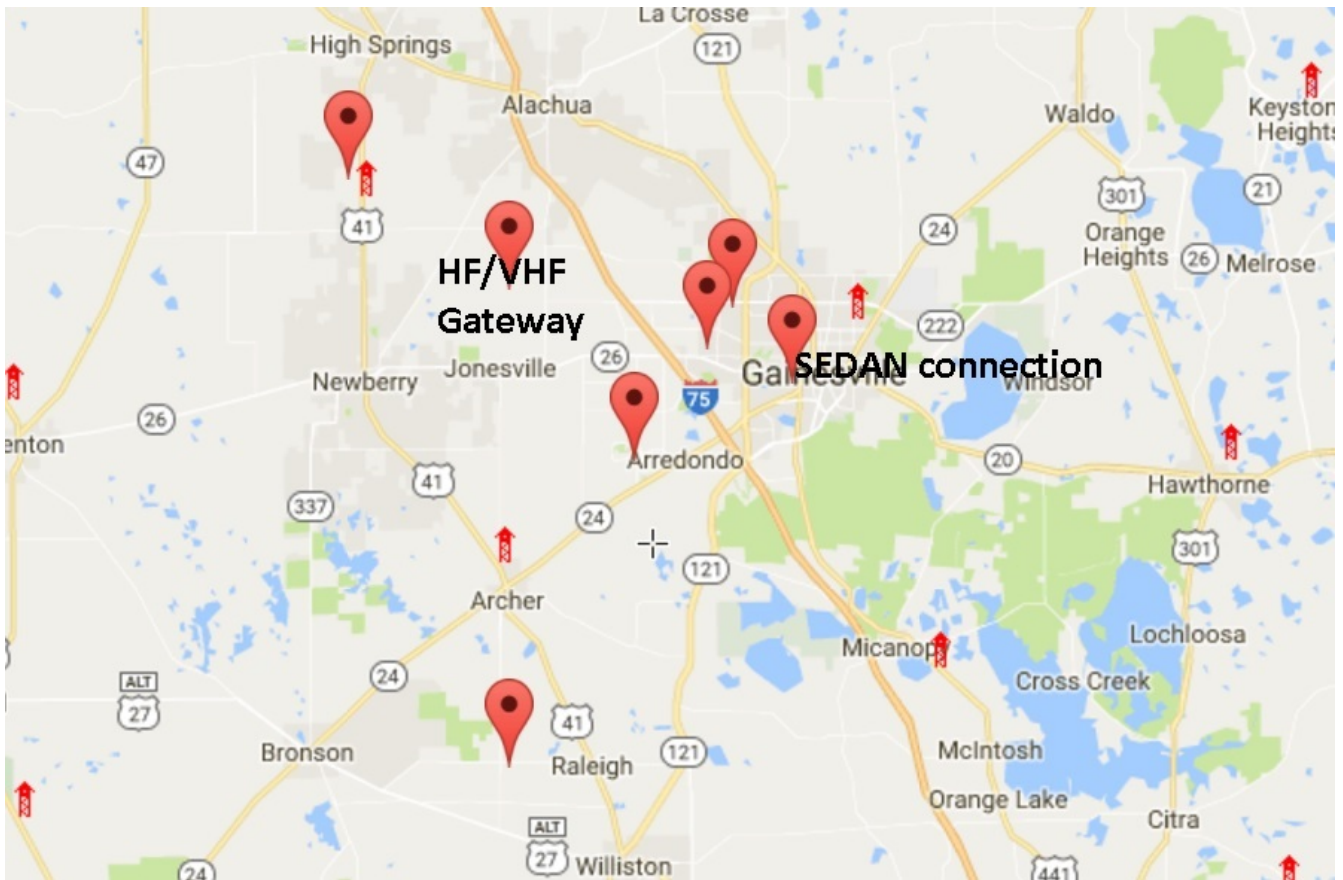


AMATEUR RADIO FACT SHEET / DISCUSSION POINTS

TOPIC: Alachua County ARES VHF/HF Digital Repeater Stations

Eight key Alachua ARES digital stations

- ◆ 1 automated HF/VHF WINLINK gateway
- ◆ 2 high-elevation digital repeaters (Forest Grove west, and Beaty Towers east)
- ◆ 1 station part of the SEDAN network (Beaty Towers)
- ◆ 2 additional VHF (internet-dependent) WINLINK gateways
- ◆ Additional residential repeater nodes
- ◆ Additional (not shown) volunteers with home or go-boxed VHF and/or HF stations



AMATEUR RADIO FACT SHEET / DISCUSSION POINTS

Alachua County ARES VHF Coverage

- ◆ HF coverage is nationwide via ionosphere
- ◆ VHF coverage (standardized to 20' antenna) primarily from two high-altitude digital nodes
- ◆ VHF coverage estimated at 4,000 sq. mi. --- far greater than Alachua County
- ◆ Forest Grove lookout tower near western shelters (145.070)
- ◆ Beaty Towers (UF campus) dual-frequency SEDAN/Ocala/Gainesville connection (145.030, 145.770)
- ◆ Additional dual frequency station NK3F-7 connects (145.770, 145.070)
- ◆ Additional dual frequency station KX4Z-7 connects (145.070, 145.030)

