

# Polk County Emergency Management/ARES Repeater System

Information regarding [WC4PEM](#) Polk County Emergency Management/ARES repeater system are as follows:

WC4PEM is the call sign for the [Polk County Emergency Management/ARES/RACES](#) operations.

It consists of a network of **\*\*four linked repeaters** (1 VHF & 3 UHF) which provides very good coverage of the county. The system has [Echolink](#) (3363) & [IRLP](#) (4156) connections as well.

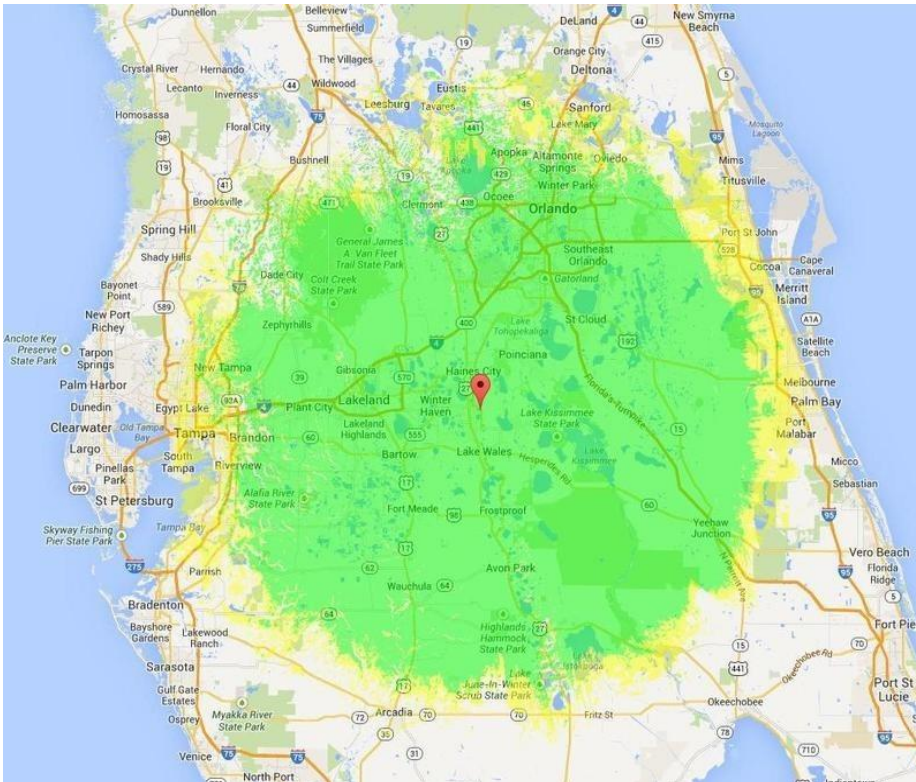
- 146.985 MHz CTCSS 127.3 Hz – Dundee, FL (county wide)
- 444.950 MHz CTCSS 127.3 Hz – Frostproof, FL (SE, SW, & South central county)
- 444.625 MHz CTCSS 127.3 Hz – Davenport, FL (NE, North & East central county)
- 443.900 MHz CTCSS 127.3 Hz – Kathleen, FL (NW, North & West central county)

**\*\*** When you connect to any one of these repeaters, you broadcast from **all four** repeaters simultaneously.

[Polk County Emergency Management/ARES/RACES](#) is headquartered at the Emergency Operations Center (EOC) - [1890 Jim Keene Blvd, Winter Haven FL 33880](#).

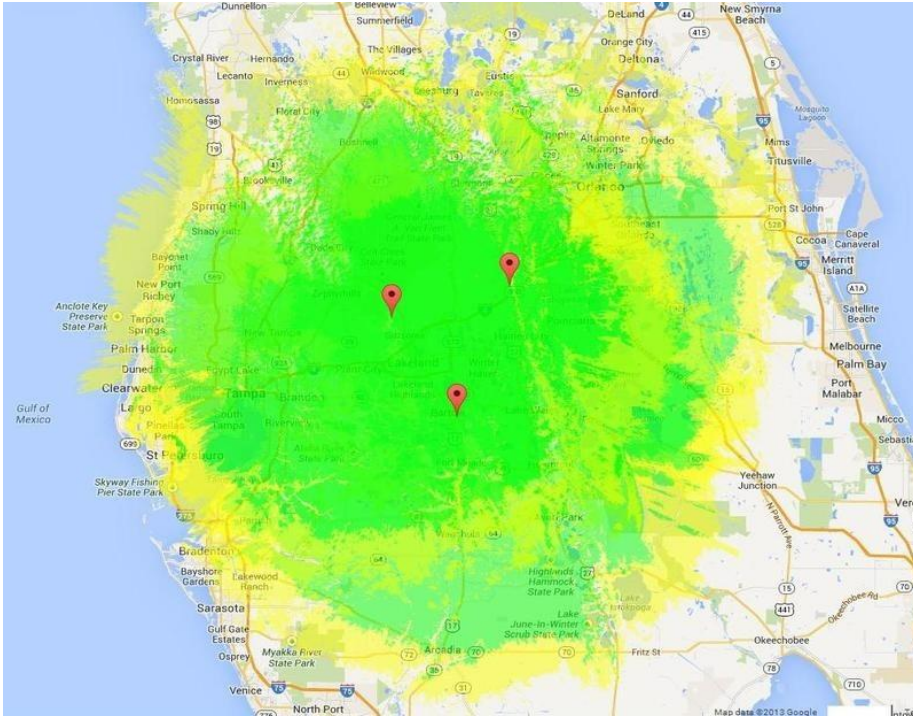
Meet weekly on air nets held **Wednesday's at 7:30pm ET on the WC4PEM repeater system**. [ARES](#) meetings are held at the EOC the fourth Thursday of each month.

**2m coverage**



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## 70CM Coverage



Polk County Emergency Management operates the following digital infrastructure:

11 [APRS](#) digipeaters with weather station reporting & I-Gate functionality on 144.390 MHz.

[Winlink](#) RMS Packet gateway on 144.930 MHz (WC4PEM-5).

[SEDAN](#) node on 145.770 MHz (alias POLK) & the EOC has a SEDAN mailbox for messaging.

The Polk County Emergency Operations Center (EOC) is set up with a 50' tower to support an HF LogPeriodic (30m – 10m) and a VHF/UHF Log-Periodic (6m – 23cm). HF wire dipoles cover the lower 160m – 40m bands. In addition to all soundcard digital modes being available the EOC is also equipped with PACTOR capabilities up to P4 mode. Dual Band radios enable FM & D-Star operation from the EOC on 2m & 70cm.