

# Cary Amateur Radio Club

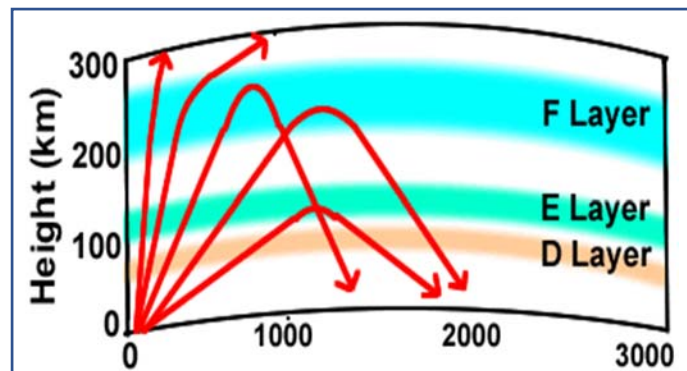
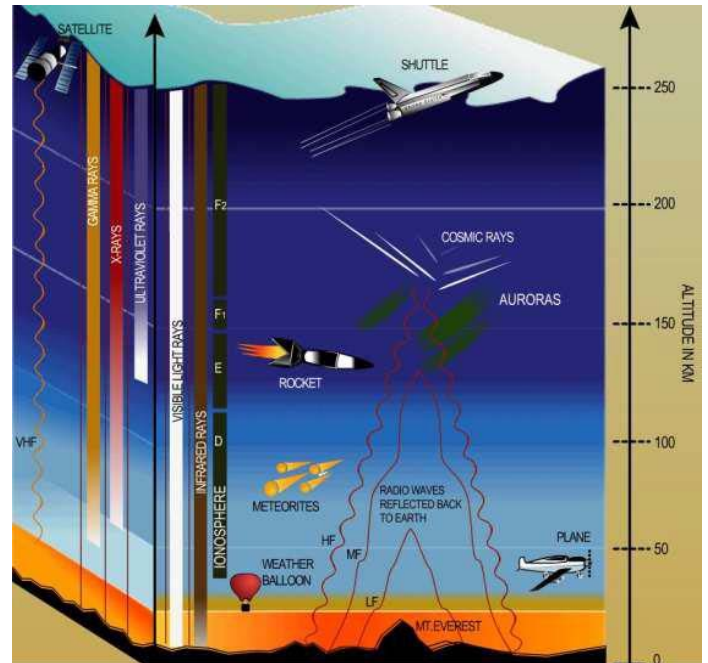
## February, 2019 Newsletter

### Propagation Anyone?

Ever wonder what happens when you press the "Talk" button on your transmitter? Will your magnetic waves leap 400,000 feet to the Ionosphere? When your waves "bounce" off the "F" layer, how far will they skip – 300 mi, 600 mi or 1,000 mi? Which band would be best for the contact you are seeking?

What about the Ground Wave, how many counties will that get you? How about the time of day, will it affect your reach? How long will the "Gray Line" last? Will a vertical antenna work as well as a dipole for where you are headed? How can you take advantage of natural phenomena to improve your signal?

Be with us Thursday night, February 28 at the White Plains United Methodist Church, lower level, at 7:31PM and get all the answers.



### Calling All scouts

Rob Rousseau (KI4BKE), Assistant Scoutmaster, Troop 356, Holly Springs, will attend our meeting this month. He will be interested in our assistance in training his Scouts for the Radio Merit Badge. We have done this a number of times in the past with success, and look forward to once again helping youngsters learn about radio as a public service.

