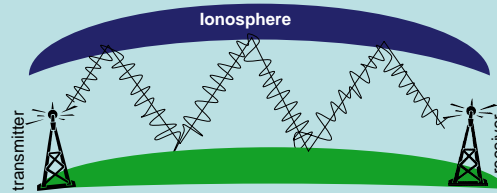
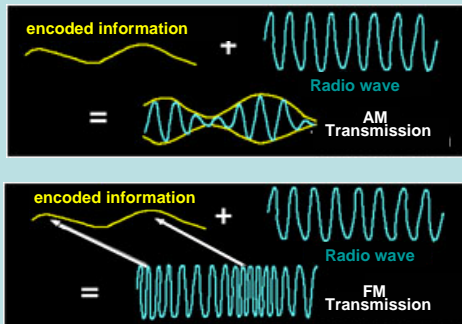
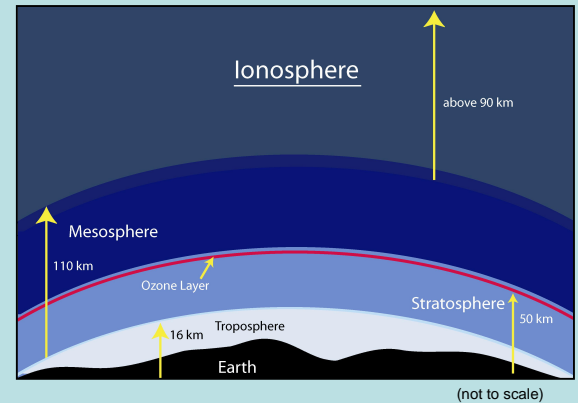


We Use Radio Waves To Carry Information

Radio waves are coded to send and receive information. They can travel through the atmosphere, into space, or bounce off the ionosphere.

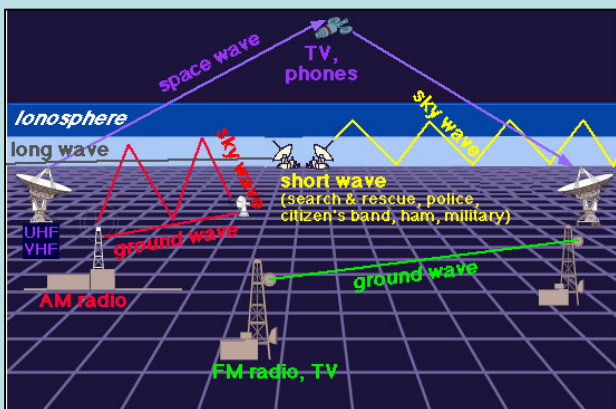


Where is the ionosphere?

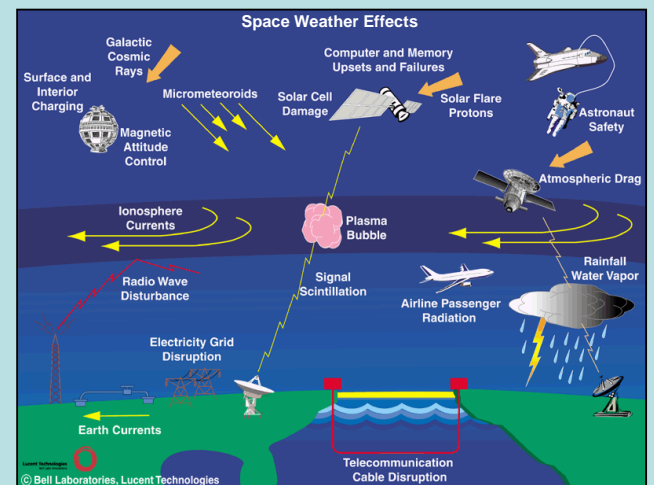


When the sun is very active it can affect the ionosphere. This causes radio waves passing through the ionosphere to behave in ways we do not expect – and need to study.

Because radio waves can bounce off the ionosphere, they can travel a long distance, sometimes going farther than if they were traveling in a straight line.



Courtesy of Windows to the Universe, <http://www.windows.ucar.edu>



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Find the radio waves that are bouncing off the ionosphere.