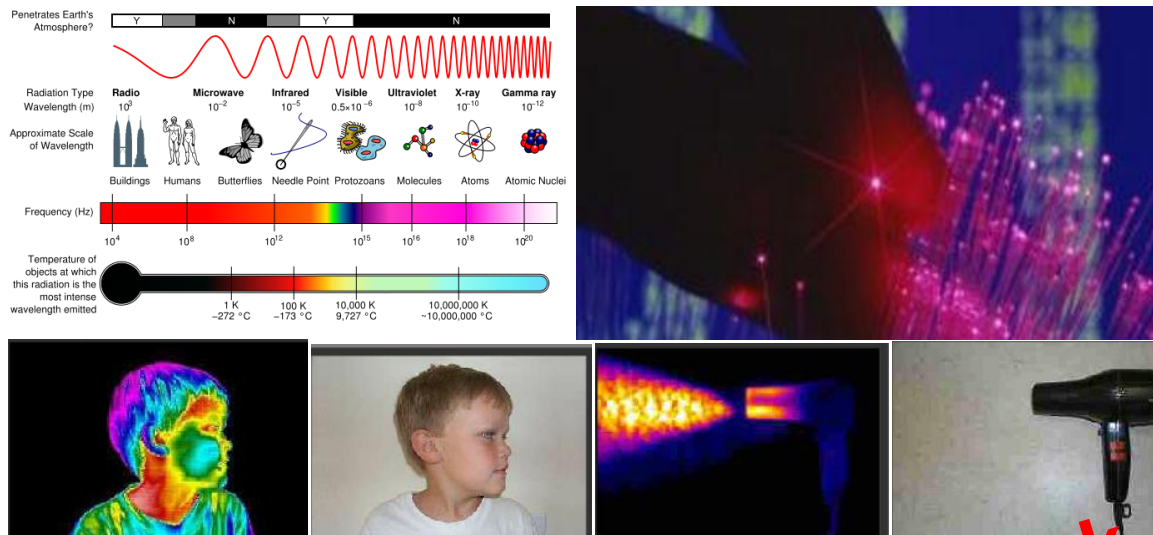


INFRARED WAVES



BENEFITS

Infrared waves are very helpful in medical treatments like some chronic health problems, such as high blood pressure, congestive heart failure and rheumatoid arthritis. As a form of a wireless communication and for technology it has high noise immunity. It is also used in night vision cameras for night vision. Infrared can also be used in cooking and heating food as it predominantly heats the opaque, absorbent objects, rather than the air around them.

DISADVANTAGES

The transmitters and receivers must be closely aligned to communicate by being directly in sight of each other. The weather can also interfere with reception from sunlight, rain, dust and pollution. Plus, the performance will drop off if the distance to the receiver is out of range for the infrared device. Data also passes from device to device much slower than with other wireless transmissions. And with large areas it require multiple emitter panels

<http://www.wou.edu/education/sped/wrocc/demyst/sld021.htm>
http://trace.wisc.edu/docs/ir_intro/ir_intro.htm
<http://spaceplace.nasa.gov/ir-photo-album/en/>
<http://www.wou.edu/education/sped/wrocc/demyst/sld022.htm>
http://www.ehow.com/list_7274899_disadvantages-infrared-light.html
<http://en.wikipedia.org/wiki/Infrared>