

### Ultrasonic Anemometer



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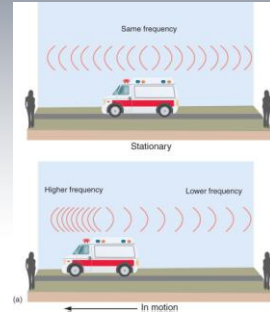
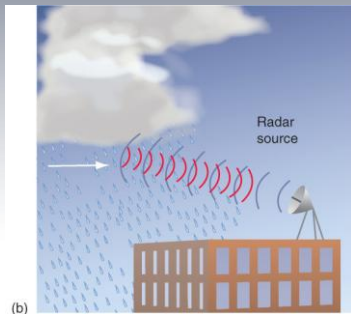


Figure 22A: The Doppler Effect

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(b)

Figure 22B: The Doppler Effect

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### Visibility Sensor



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### Visibility Sensor



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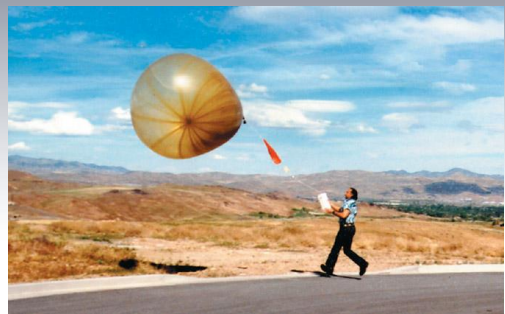
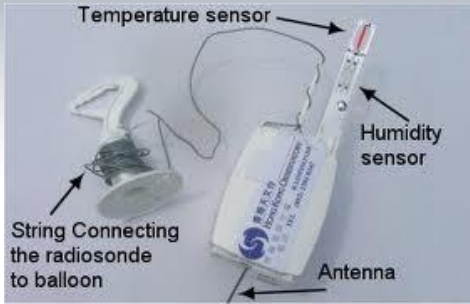


Figure 07: Rawinsonde

Courtesy of NWS/NOAA

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### Radiosonde



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### Cloud Laser Ceilometer



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Figure 10: Red sky

Courtesy of Pam Knox

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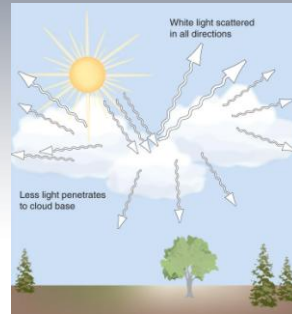


Figure 12B: Thick clouds appear darker on the bottom

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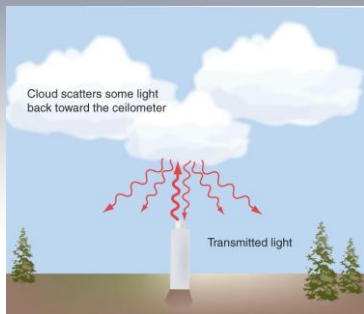


Figure 13: Ceilometer

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Figure 14: Satellite orbits

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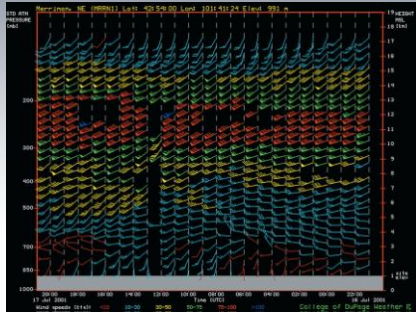


Figure 25: Hourly wind profiler measurements

Courtesy of College of DuPage, NEXLAB

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