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Primary Type: Perspectives Video: Professional/Enthusiast

# Practical Applications of Radar for Global Space Monitoring

Second Lieutenant Caleb McComas, a crew commander with the 20th Space Control Squadron at Eglin Air Force Base, explains how radar technology is vital to missions and objectives of the United States Air Force.

**Subject(s):** Science  
**Grade Level(s):** 9, 10, 11, 12  
**Intended Audience:** [Educators](#)

**Keywords:** caleb, mccomas, eglin, air, force, radar, space, atmosphere, monitoring, position

**Instructional Component Type(s):** [Perspectives Video: Professional/Enthusiast](#)

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## Related Standards

Name	Description
<a href="#">SC.912.P.10.18:</a>	<p>Explore the theory of electromagnetism by comparing and contrasting the different parts of the electromagnetic spectrum in terms of wavelength, frequency, and energy, and relate them to phenomena and applications.</p> <p><b>Remarks/Examples:</b></p> <p>Describe the electromagnetic spectrum (i.e., radio waves, microwaves, infrared, visible light, ultraviolet, X-rays and gamma rays) in terms of frequency, wavelength and energy. Solve problems involving wavelength, frequency, and energy.</p>