



<http://cimss.ssec.wisc.edu/satmet/>

Satellite Meteorology for Grades 7-12

National Science Education Content Standards Addressed:

The National Science Education Standards: <http://www.nap.edu/readingroom/books/nse/>

Grades 5-8 Content Standards

A) Science as Inquiry

Abilities necessary to do scientific inquiry

Physical Science

- Transfer of energy

E) Science and Technology

- Abilities of technological design
- Understanding about science and technology

F) Science in Personal and Social Perspectives (Std F)

- Populations, resources, and environments
- Natural hazards
- Science and technology in society

G) History and Nature of Science (Std G)

- Science as a human endeavor
- Nature of science
- History of science

H) Unifying Concepts and Processes

- Understanding and abilities aligned with the Constancy, change, and measurement

Grades 9-12 Content Standards

A) Science as Inquiry

- Abilities necessary to do scientific inquiry

B) Physical Science

- Structure and properties of matter
- Motions and forces
- Interactions of energy and matter

D) Earth and Space Science

- Energy in the earth system

E) Science and Technology

- Abilities of technological design
- Understanding about science and technology

F) Science in Personal and Social Perspectives

- Population growth
- Natural resources
- Environmental quality
- Natural and human-induced hazards
- Science and technology in local, national, and global challenges

G) History and Nature of Science

- Science as a human endeavor
- Nature of scientific knowledge
- Historical perspectives

H) Unifying Concepts and Processes

- Understanding and abilities aligned with constancy, change, and measurement