CCMC Role in Education
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CCMC’s Role in Space Weather Education

Strengths to build on:
• Access to data and models
• Enthusiastic staff
• Societal importance
• Amazing graphics
• Engaging
• Compelling science

Resources:
• NASA education
• NSF science grants; REUs
• NSF education
• Science community
• Local educational institutions
• Citizen science

Area of greatest impact
Prediction as Pedagogy

• Inquiry Learning
  – Types
    • Discovery learning
    • Experiential learning
    • Authentic learning
  – Tools
    • Models
    • Scientific visualization
    • Systems view

• Next Generation Science Standards
  – Expanding the pipeline
  – Advanced understanding
Conclusions

- Education is important
- Don’t let education interfere with primary mission
- Target educational activities with the greatest impact
- Gap in awareness and understanding in the general public is greatest
- Use prediction as an education and outreach tool
- Have documented mission, visions, and goals