



Teaching on the Edge

Synthesis and Dissemination of a High Altitude Ballooning Curriculum for Undergraduate Students Through the Web and an iBook

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Academic High-Altitude Conference

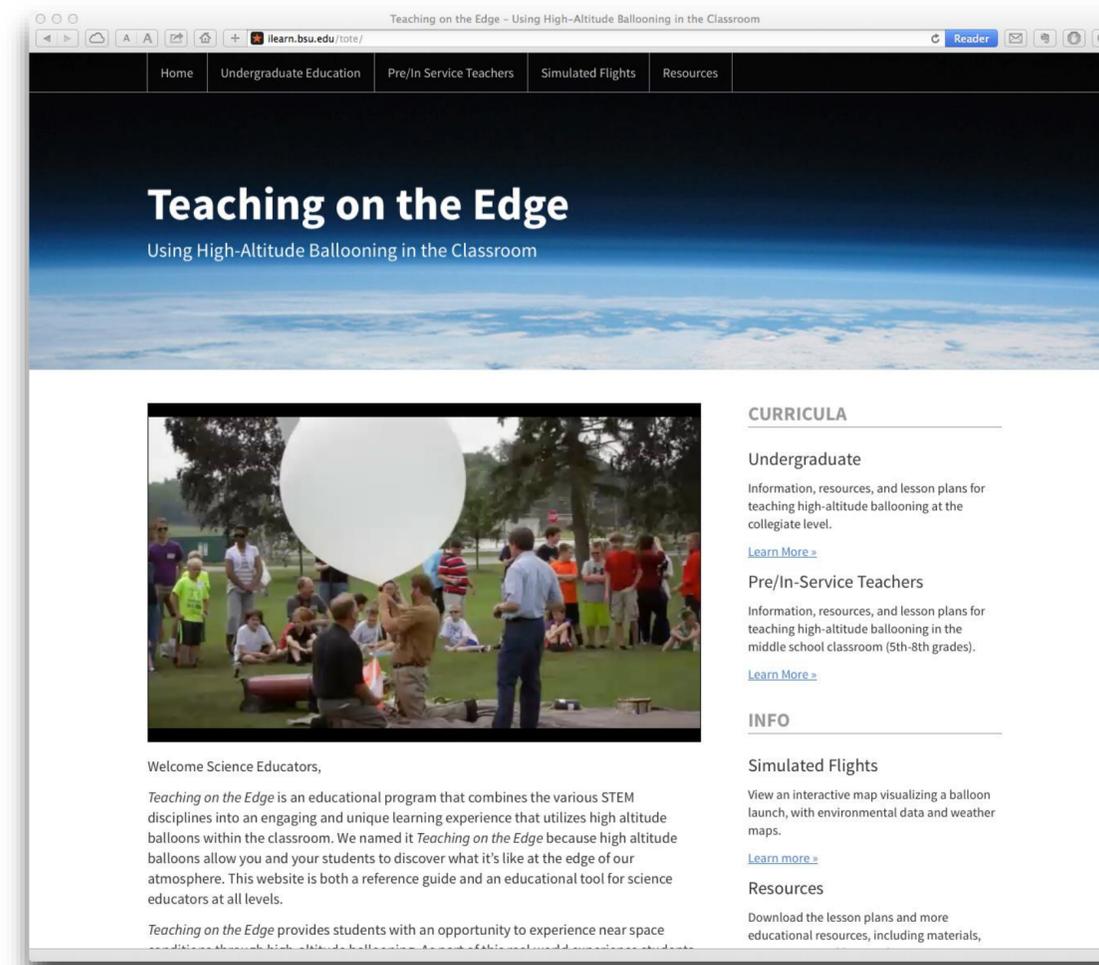
June 26, 2014





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Project Overview





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21st Century Educational Practices

Open Educational Resources (OER)

Online Education

Blended Learning

Mobile Learning





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Project Goals

Improve Teaching Tools
Curricular Development
Knowledge Sharing
K-12 Resources





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Building and Sharing HAB Curriculum

Subject Matter Experts

Instructional Designers

Media Development

Online Education Specialists

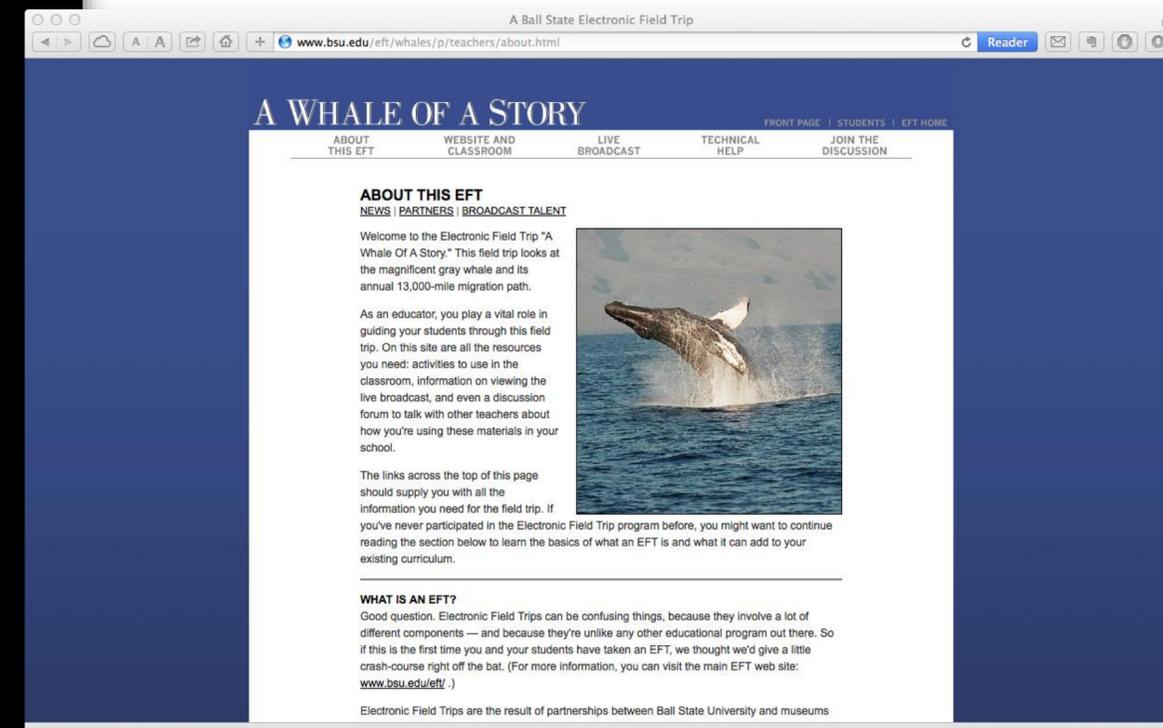
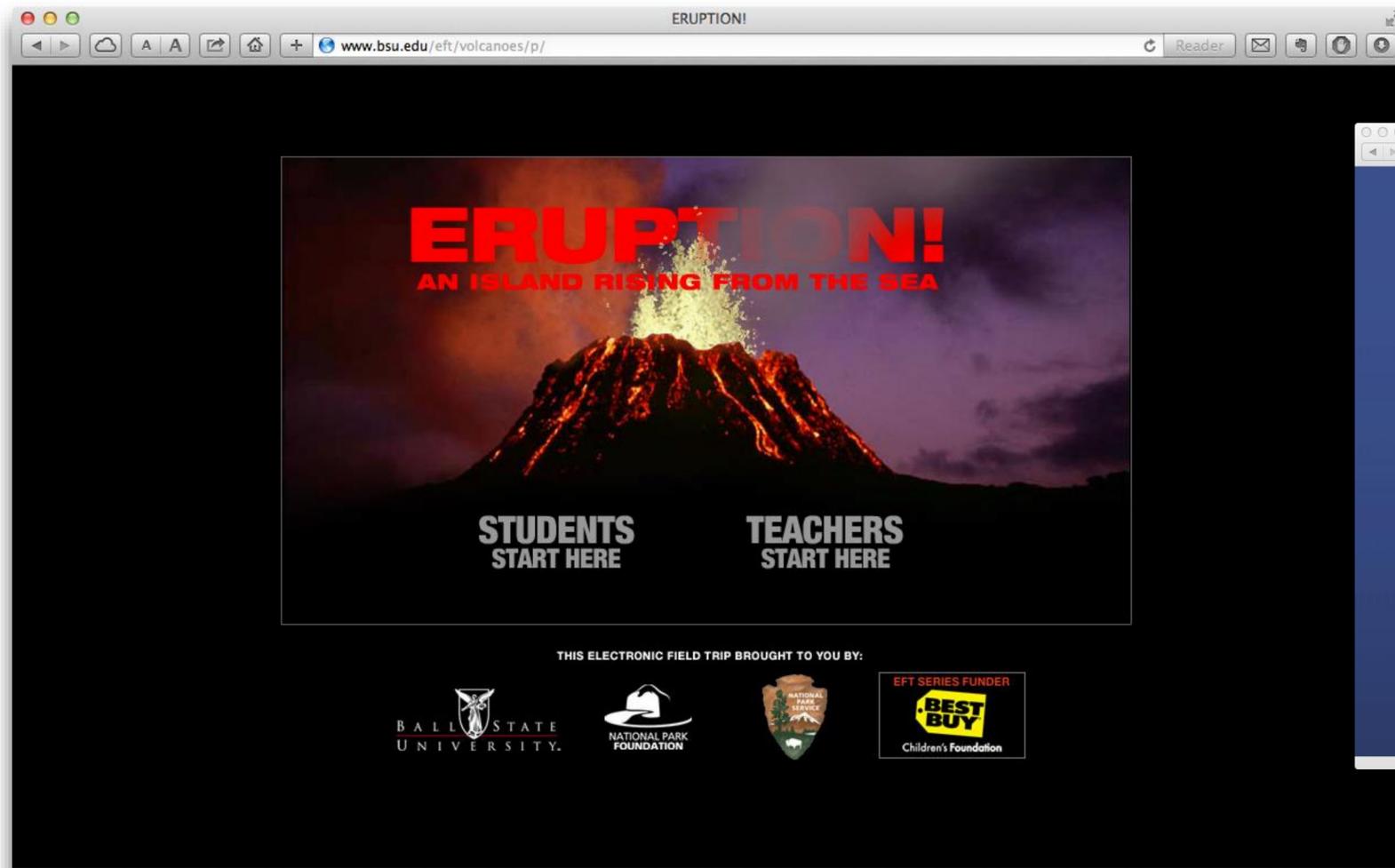
Learning Technologists





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Electronic Field Trips (EFTs)



- iLearn: Integrated Learning Institute Ball State University





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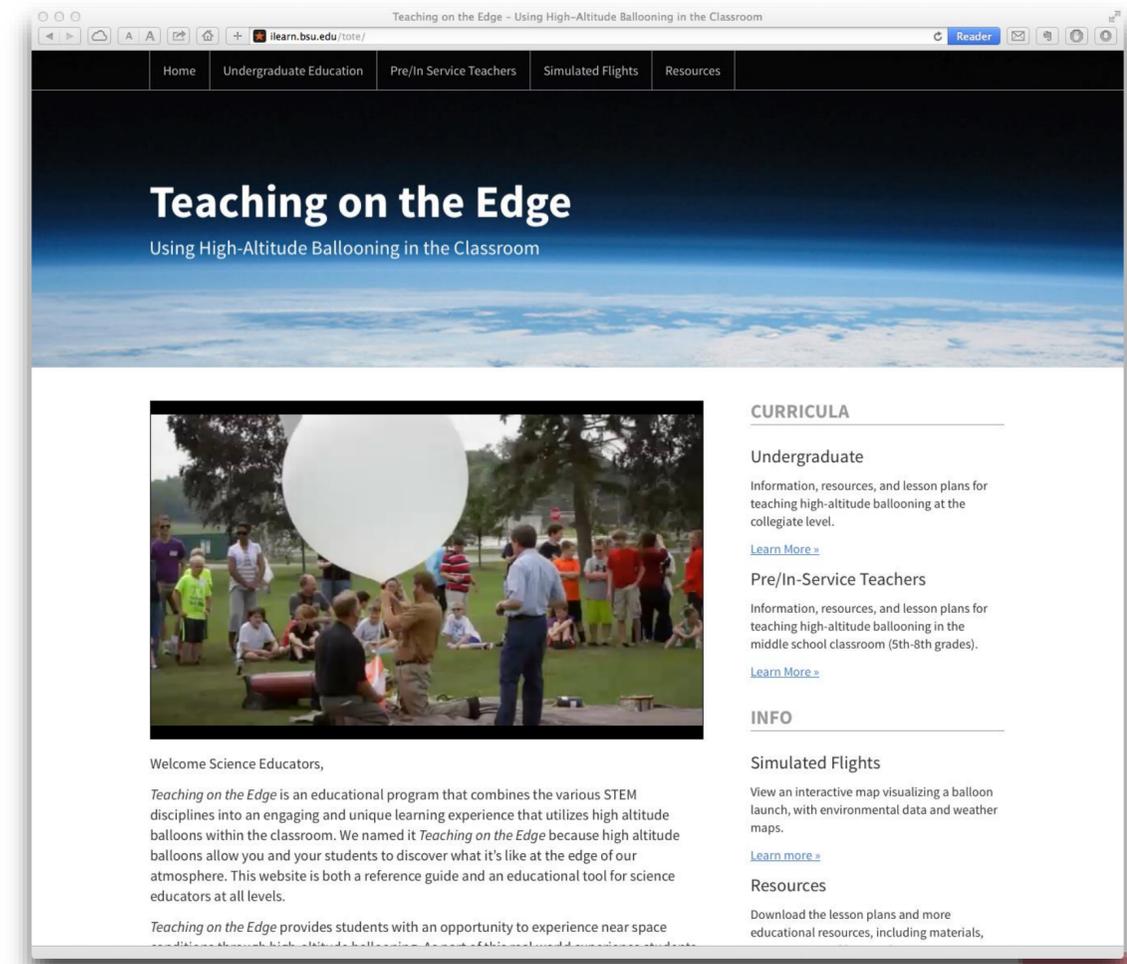
Design and Development of Website

Approach

Design

Subject Matter Experts

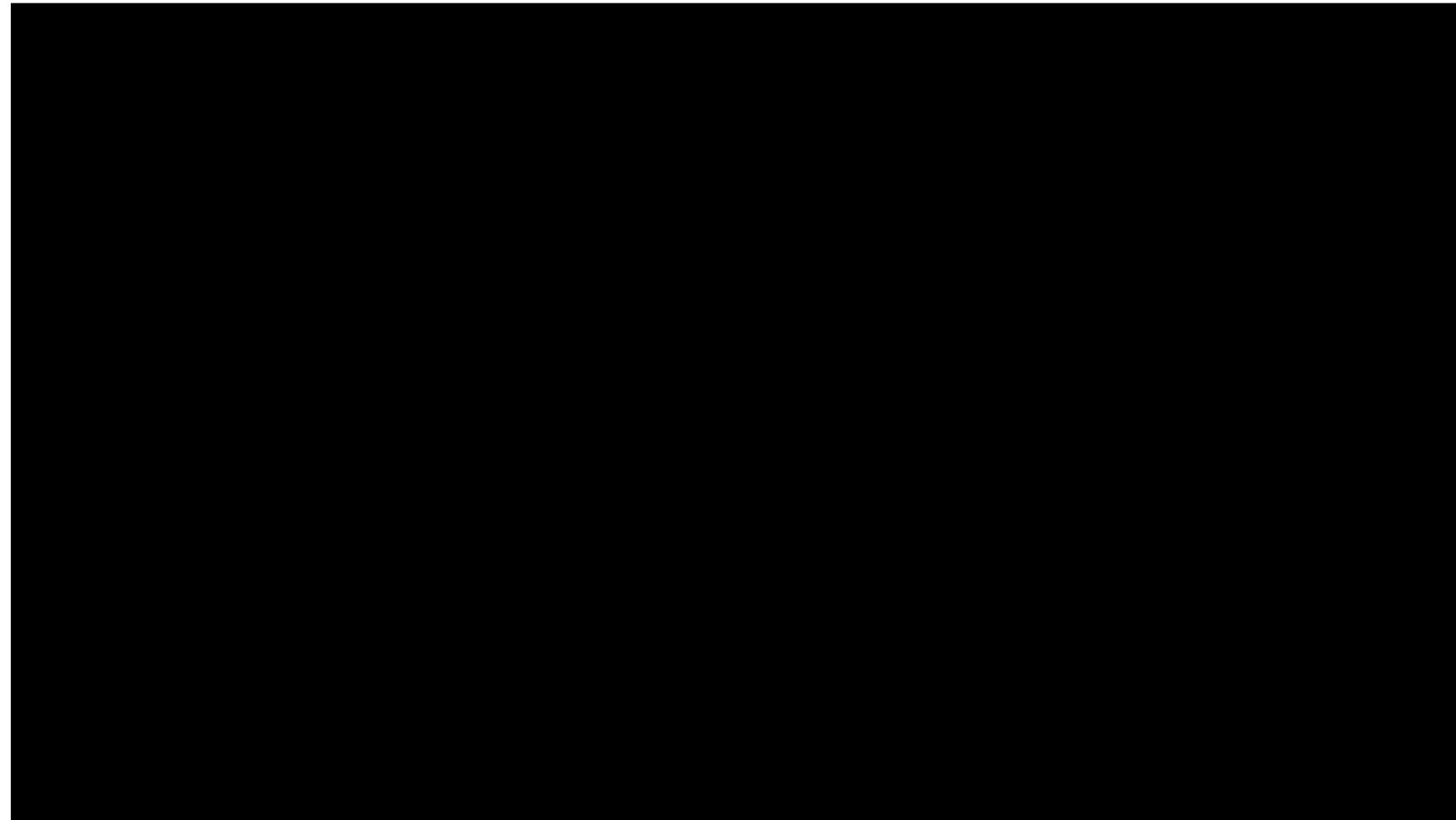
Timeline





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Using Video

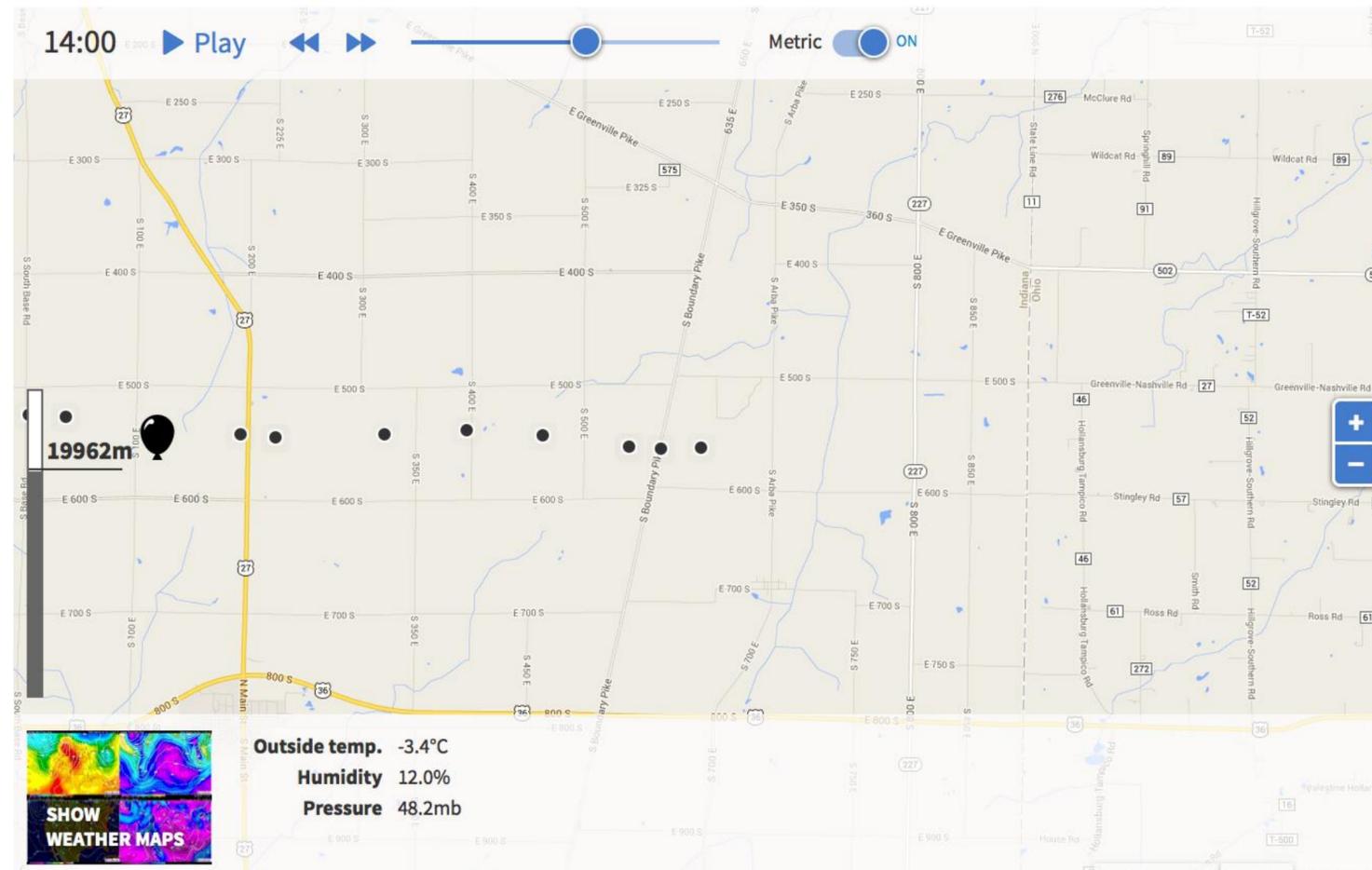




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Flight Simulator

Flight Simulator April 5, 2011





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iBook



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Conclusion Q&A

ilearn.bsu.edu/tote

