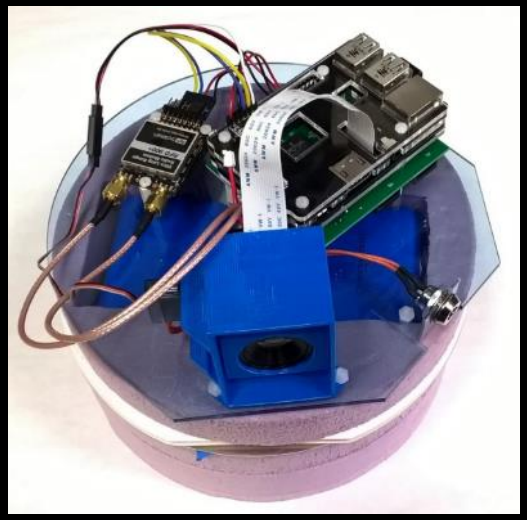
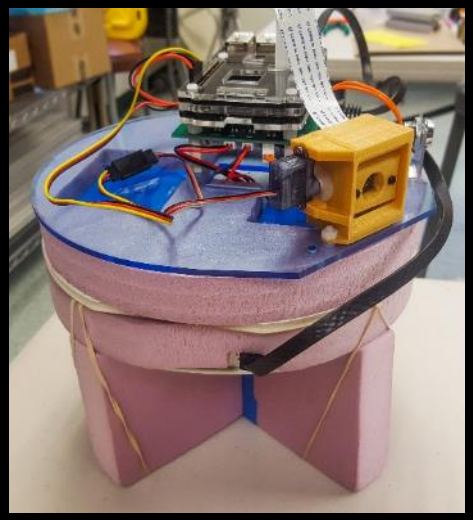
SE Regional Meeting

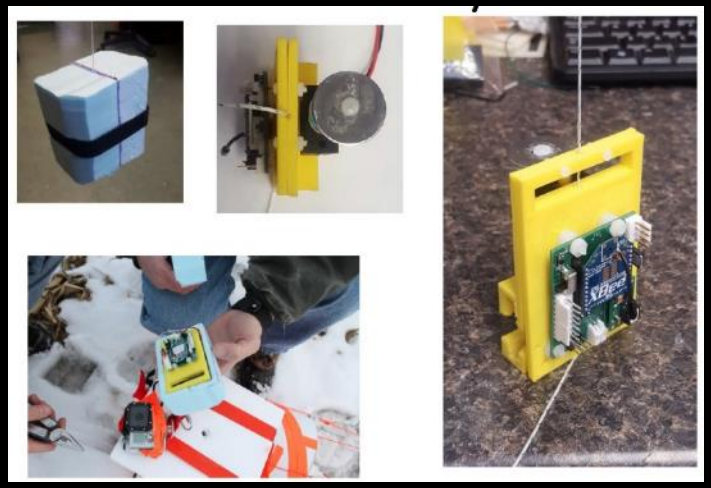
9/28/2016

“…let’s blow NASA’s space socks off!”

2016 Eclipse Ballooning Project Workshops: May and July







2016 Eclipse Ballooning Project Workshops: May and July the Numbers

- **52 teams participated from 30 states (around 200 participants)**
- **Around 15,000 hours of preparation**
- **Around 40,000 parts kitted**
- **Over 8,000 lbs. of equipment shipped back to teams**

2016 Eclipse Ballooning Project Workshops: May

- **Thank you, May workshop teams:**
  - **KY-BCTC Balloon Sat Team – Kentucky, University of Kentucky – Kentucky, UMaine HAB – Maine, Carolina Eclipse Initiative – South Carolina, Carolina Solar Eclipse Initiative (NCSG) – North Carolina, University of Southern Indiana High Altitude Ballooning (USI HAB) – Indiana and last, but certainly not least, Oregon Tornados North Medford High School – Oregon**

2016 Eclipse Ballooning Project Workshops: Perspective

Chris's Hopeful Attempt Organizing Space (CHAOS)

Team of 5 [4]

Team of 6 [2]

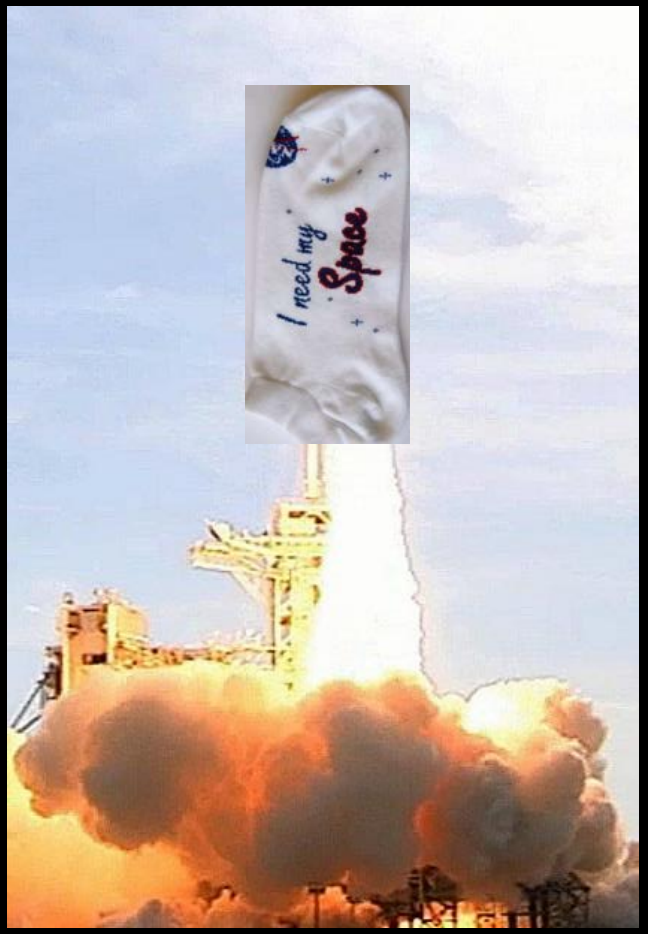
Suggest only having chairs for each team size in the row.

Rev 0, June 29, 2016

2016 Eclipse Ballooning Project Workshops: July

2016 Eclipse Ballooning Project Workshops: Feedback

- **"… let's blow NASA's space socks off!"**

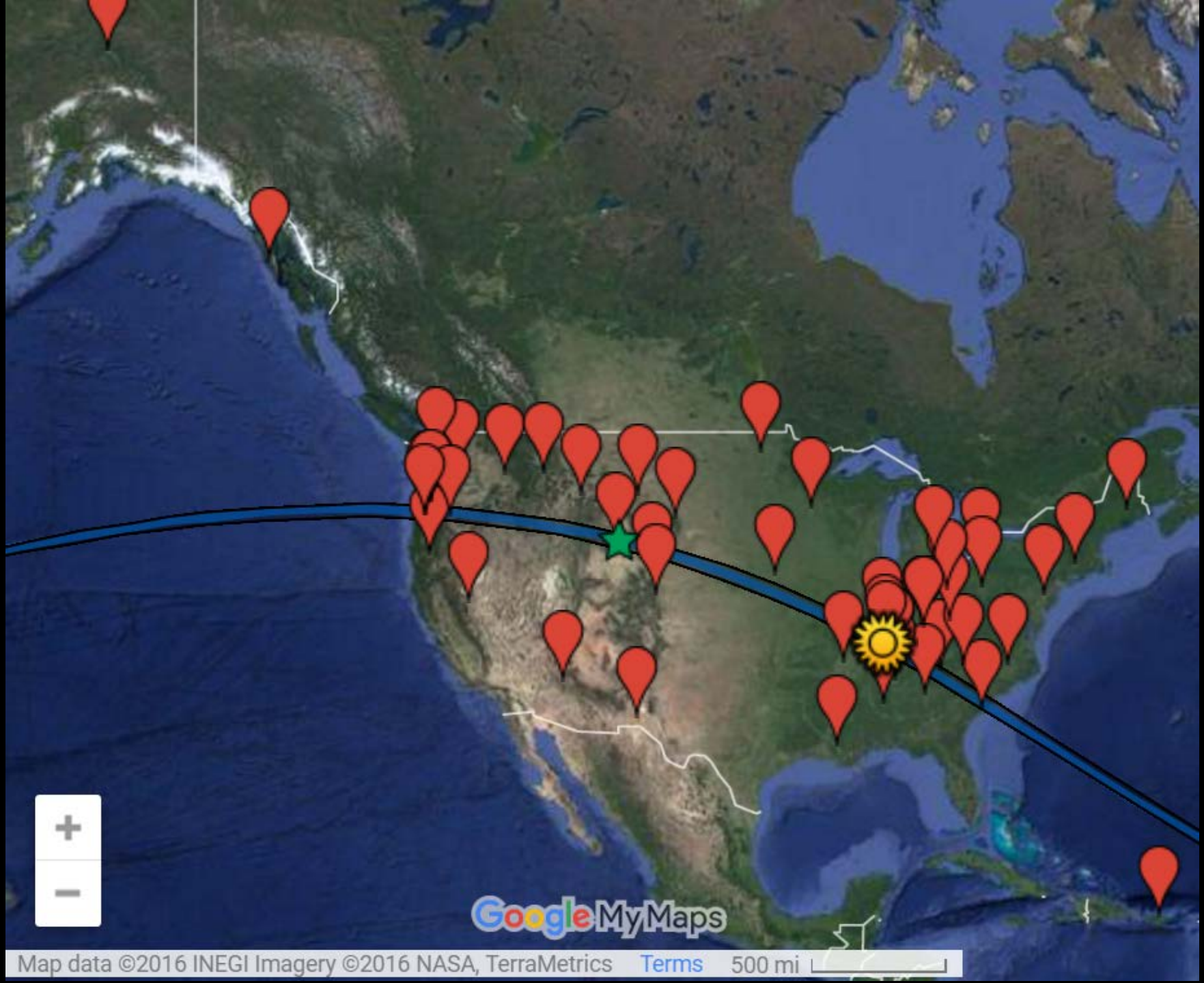


2016 Eclipse Ballooning Project Workshops: Feedback

- **"… let's blow NASA's space socks off!"**
- **"…one of the best workshops I've ever attended."**
- **"The workshop team did an AMAZING job, this completely exceeded my expectations. I give you 7 stars out of 5."**
- **This was the first time this workshop was held**

2016 Eclipse Ballooning Project Workshops: Thank You!

- **Chris Koehler of COSGC and COSGC support students**
- **James Flatten of MnSGC and MnSGC support students**
- **Greg Guzik and Doug Granger of LSU and the LSU support students**
- **Randy Larimer, Berk Knighton and Chris Harmon and the MSGC support students**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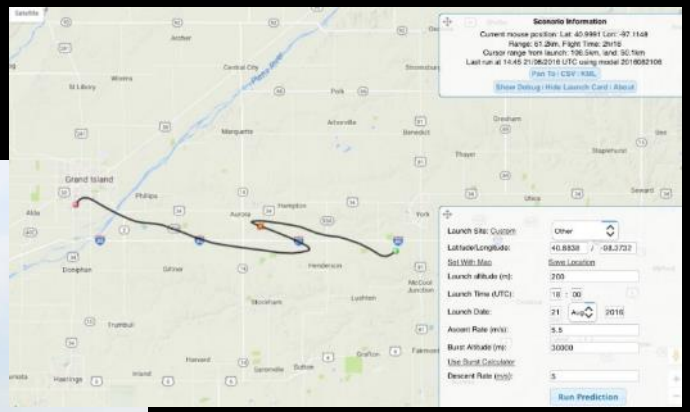
Team Activity and Highlights

Nebraska: T Minus One Year to Launch and Grand Island press conference



Kentucky: T Minus One Year to Launch, tethered

Team Activity and Highlights

South Carolina:

Colorado Space Grant:
Common Payload flight test

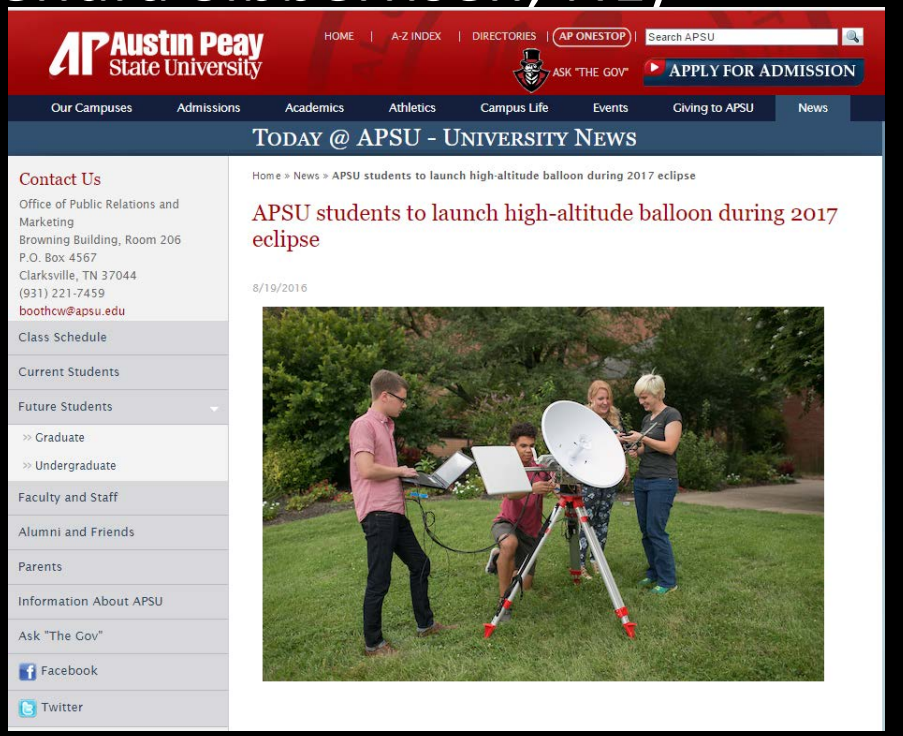
Team Activity and Highlights

North Medford HS: T Minus One Year to Launch video (Must see!):

Knox County Ohio Solar Eclipse Space Balloon Team: T minus one year to launch!

In the News

- The Grand Island Independent: Total solar eclipse in 2017 likely to draw crowd to G.I. (Kendra Sibbernsen, NE)



In the News

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astronomy, eclipse, high school, nasa, North Medford, space, students

135 1

total Eclipse AUGUST.21.2017

Mount Vernon NEWS
MOUNT VERNON OHIO

Originally published June 20, 2016 12:00 pm | Press Release | 1 comments

Print | E-mail

Knox County Eclipse Space Balloon prepares for launch

MOUNT VERNON — On Aug. 21, a total solar eclipse will occur. The Knox County Space Balloon Program is going to launch a space balloon at the point of totality, in Hopskinsville, Ky. The space balloon will rise to approximately 100,000 feet and film the eclipse, generating a live broadcast that will track the space balloon and will be broadcasted on NASA TV.

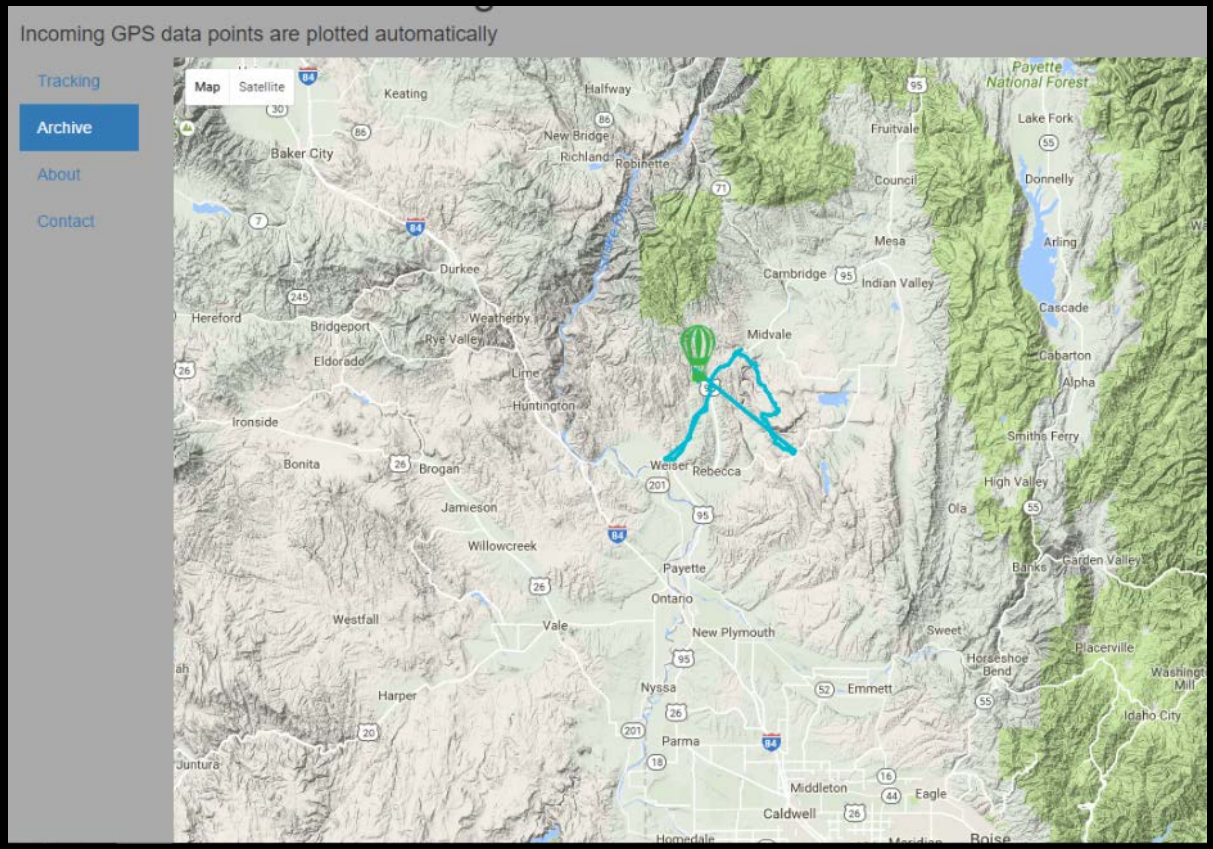
The team is made up of fifth- through 12th-graders from Mount Vernon, Centerburg and Loudonville schools. The advisors are engineer volunteers from Siemens, Boeing, IEEE and the Department of Defense.

The team is currently building a test balloon and a platform to launch on Saturday, June 25, at 9 a.m., in Mount Vernon. The team will use test flight data to modify the final design.

Anyone interested in joining or assisting this program, call or text Jeremy Funk at 740-503-5939.

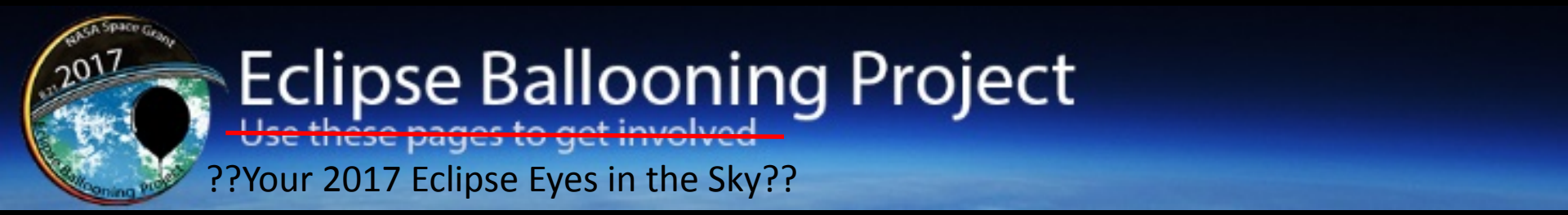
What's Next?

- Tracking Site Server Change:
  - Iridium Modems will report to the more capable Montana State University servers



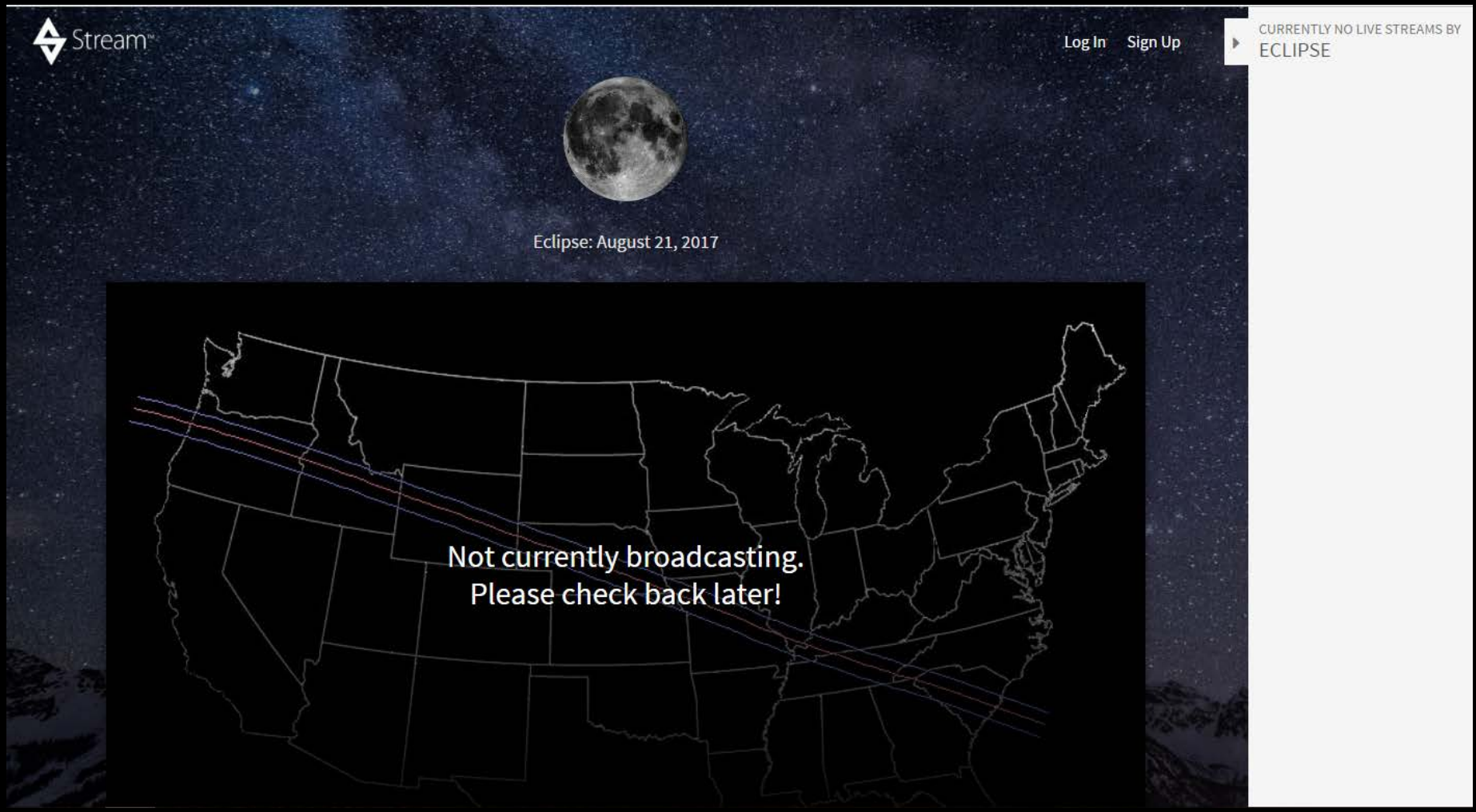
What's Next?

- Eclipse Ballooning Project Public Website:



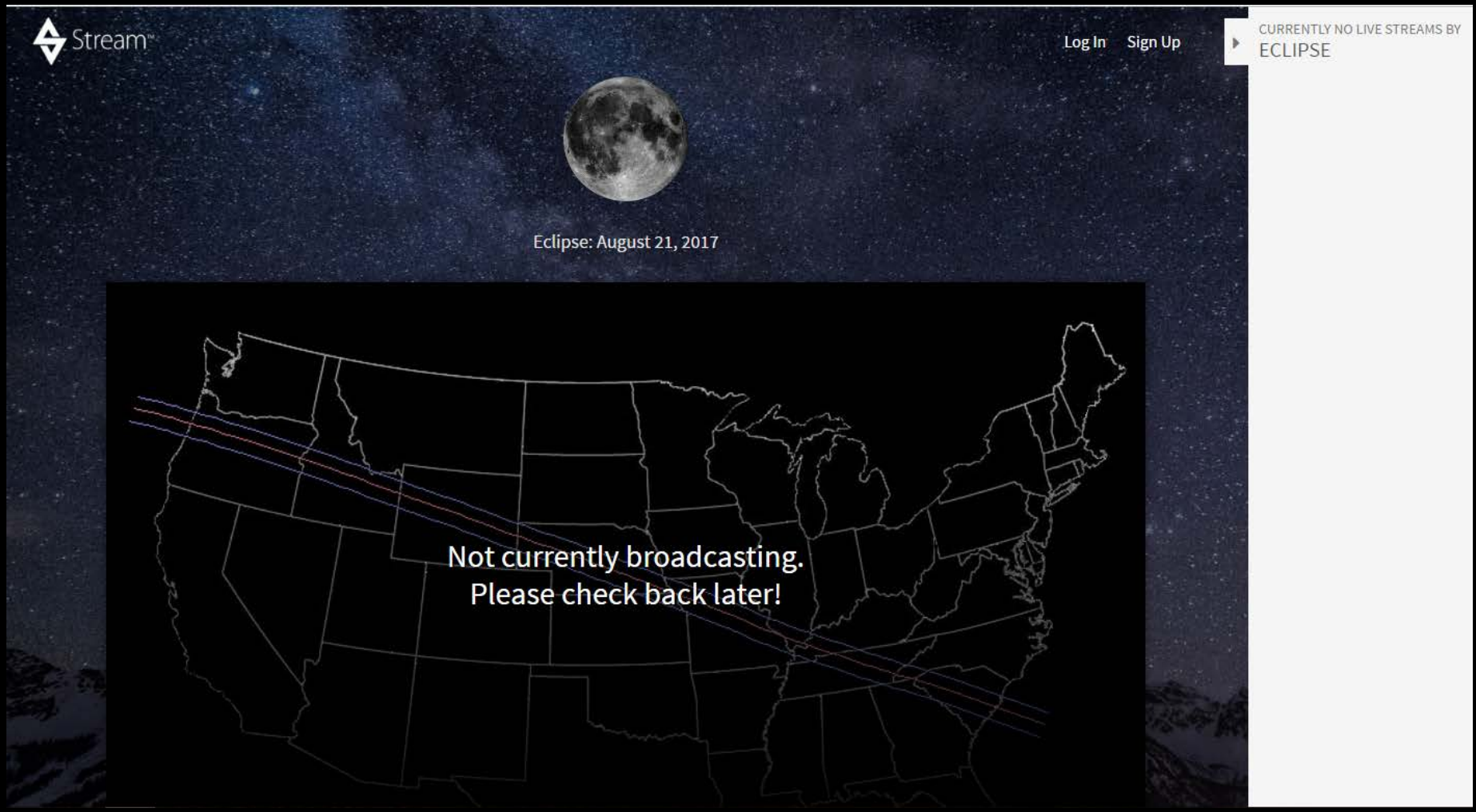
What's Next? THIS JUST IN!

Eclipse Ballooning Project Public Website:



What's Next? THIS JUST IN!

https://stre.am/eclipse



Stay Up to Date with the Eclipse Ballooning Project via EAR

Eclipse Activity Report (EAR)

Nationwide Eclipse Ballooning Project

Issue #2
8/18/2016

http://eclipse.montana.edu

General Updates

Your EARs

Eclipse Activity Reports (EARs) will be the **primary method of communication** with all the eclipse ballooning teams. While participation on ProBoards, GitHub, the monthly telecoms, and social media is optional, communication is vital to the success of this project. **Every other week, we'll email the team**

- ***NEW*** Bill of Materials PDF on the eclipse website under the system resources tab.

Education resources

You will find a new tab on the eclipse website: Education. Here we will be sharing links, lesson plans,

To obtain your bi-weekly EAR please contact Shane at shane.mayergawlik@montana.edu

NASA Space Grant
8.21.2017
Eclipse Ballooning Project