

### Need(s) or Areas to Watch

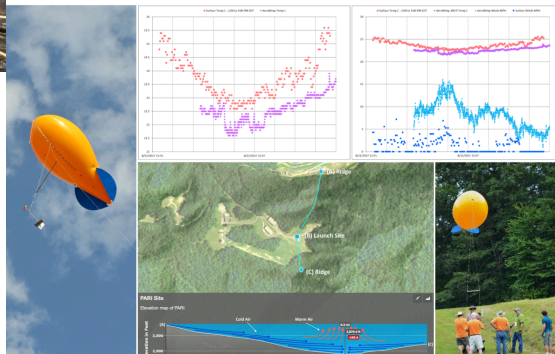
- Timeline and Evaluation
- Engineering Challenges

### Look Ahead

- New AREN Pilot Groups for Fall 2017
- Yearly Review of the AREN Project Timeline
- Informal AREN Element within the Aviation Fraternity, Alpha Eta Rho at UMES
- GLOBE Regional Science Fairs Funded for Two Years
- Internship Program for HS Students at CBEC



*Eclipse 2017: AREN at PARI*



MS Line Handling Challenge

### Updates/Changes

- Ten members of the AREN team attended the GLOBE Annual Conference in CT. Gave two presentations, two demonstrations and had a team meeting.
- Completion of the Bulls-EYE Summer Program at USF – MS/ Engineering/AEROKATS
- New AEROKAT developments in Mounts, Wind Sensors, Twin Cam Images, and Spool Winders
- New Developments in Pre-Flight Data Collection Sheets and Team Member Descriptions.
- Field Testing of AEROKATS and ROVERs at CBEC.
- AEROKATS Workshop at Montana State University
- Participated in the monthly “Earthlings” Phone Conference
- Received Earth Science Week Packets and Beginning the Process of Distribution.
- Development of a Flight Checklist
- Northwestern HS Gains in Education in Math and Science AEROKAT Line Handling Design Challenge

### Cross-Collaboration

- Eclipse 2017 – Distributed 3000 glasses – Educational Experiences in various locations – Michigan, Ontario, South Carolina, North Carolina