



AEROKATS and ROVER Education Network (AREN)

Wayne RESA, Wayne MI - Monthly Status – September, 2017

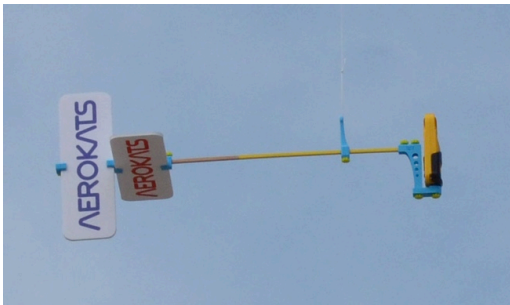
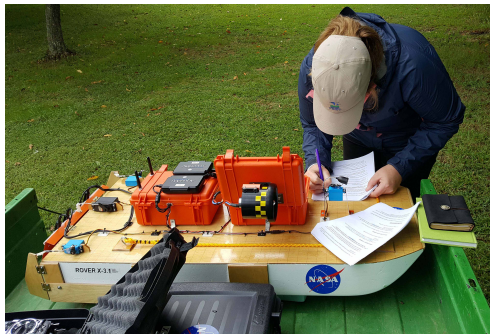


Need(s) or Areas to Watch

- Kite Physics – Integration of Physical Science
- Possible Relationships with Project Learning Tree
- Integrating AREN Atmospheric Data with Weather Stations, Weather Underground, GLOBE Database

Look Ahead

- Annual Report
- Phase II Rouge/Woodhaven Pilot Project
- GLOBE Aerial Imaging Protocol Development
- AREN Display at NASA Headquarters
- ROVER Test Deployment in Anacostia River on 9-28
- Detroit (AREN Project) Selected to Host Midwest GLOBE Regional Science Symposia



Updates/Changes

- Weekly AREN Meetings for full team every Wednesday from 3:30 – 5:00 pm
- Quarterly AREN Fiscal Agent Budget Meeting
- Preparation for Phase II Rouge/Woodhaven Pilot Project
- Monthly “Earthlings” Meeting
- MSTA Proposal Submitted for AREN Presentation
- Rouge River Education Committee Advisory Meeting
- New Kite Launching Video and Flight Checklist Provided by UMES
- New Technology Developments – AEROKATS, Lens Distortion Tool
- Review of Eclipse Successes
- UMES Course Integrating AREN – ENGE 150 Engineering Design – Wind Tunnels
- ROVER Testing and Technology Developments
- CBEC Team has gone through reorganization.
- CBEC established intern program with Broadneck HS and South River High School.
- Montana State University gave AREN presentations to representatives from Rikkyo University (Tokyo) and at the National Girls Collaborative Meeting in Seattle
- AEROKATS at SUNY – Fredonia

Cross-Collaboration

- MSTA Proposal Preparation with Mission Earth on Elementary GLOBE
- “Water Cooler” Meeting on the Regional GLOBE SRS
- Link to NASA Resources – NASA Wavelength – Phenomena Based
- Distributed 30 Earth Science Week Toolkits to Educators