

Northwest Earth & Space Sciences Pipeline

Northwest Earth & Space Sciences Pipeline hosted eclipse activities for the Warm Springs Native American Community, including

- *8 tribal teams* of middle and high school students to fly high altitude balloons (4 teams cancelled last minute due to fire concerns) – these teams included about 100 students from Oregon Washington and Idaho
- *Sunday Aug 20* involved day time student activities including robotics, water rockets, solar viewing, portable planetarium, fish hatchery visit with about 300 Native American students from the teams and local students participating;
- *Sunday Aug 20 night* involved a star gazing party with about 300 Native American Community members participating;
- *Monday Aug 21* involved launching 4 high altitude balloons with student payloads into the eclipse. A total of about 700 people came to the site (many from overflow from Madras) to watch the balloon launches and eclipse



Logo for the Warm Springs Participants was designed by Native Americans from Idaho in a 3 state competition





Pre-Eclipse Activities



Eclipse Launch Day



Effort supported by 40 student volunteers from
the Univ of Washington





Comment from Participating Teacher

“Thanks again to the entire NESSP team for supporting our entire summer astronomy program. This was one of the best programs I have been involved with during my past 35 years in education. The ESS 102 course this fall should also be a great follow up. Hopefully we can hook a greater interest for whatever next summer's project ends up becoming.”

News Generated by Effort

- <http://www.washington.edu/news/2017/08/21/native-american-youth-launch-high-altitude-balloons-for-unique-perspective-on-solar-eclipse/>
- <https://iqmediacorp.com/ClipPlayer/?ClipID=ffac33e9-182b-4f0f-a351-e3842e9e59db>
- https://twitter.com/hbernton?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauth_or
- <http://www.seattletimes.com/seattle-news/northwest/the-time-is-here-live-updates-as-the-solar-eclipse-crosses-the-northwest-seattle/>
- http://www.oregonlive.com/eclipse/2017/08/generation_eclipse_how_a_centu.html
- <http://portlandtribune.com/msp/129-news/321868-200044-warm-springs-to-host-events-during-solar-eclipse>
- <http://www.grandronde.org/news/smoke-signals/2017/04/13/grand-ronde-students-preparing-for-aug-21-total-solar-eclipse/#sthash.HszxbjWP.dpbs>
- <http://neonow.com/armand-larive-tv-broadcast-eclipse-live-aug-20-21/>