We Listened.

NewsBank’s new, soon-to-be-released product—the direct result of helpful feedback from librarians and end users—features a host of new, use-driving features.

NewsBank provides a comprehensive collection of reliable news sources covering a wide array of topics and issues.

A-Z Source List
Quickly find sources by name, location, source type

Change Databases
Instantly access another available NewsBank product

Large Single Search Box
Provides an intuitive starting point

Suggested Topics
Easily explore information by subject

Quick Links
Jump to additional information including local news sources

Home Page, Public Libraries
NewsBank’s new Advanced Search page helps users save time and generate more useful results.

**Boolean Operators**
Combine or exclude keywords for more focused results.

**Extra Search Boxes**
Use additional terms to get more precise results.

**Search by Map**
Quickly and easily select sources based on location.

**Sort Options**
Choose how your search results will be organized and displayed.

**Select a Field**
Limit search results to targeted subsets of information.

Advanced Search, Public Libraries
NewsBank’s new integrated results screen enables users to explore different information formats at a glance.

**Sort Options**
- Choose how your search results will be organized and displayed.

**Bulk Actions**
- Email, print, save or cite multiple documents in a single step using the checkboxes.

**Navigators**
- Refine search results instantly without leaving the results page.

**Highlighted Keyword**
- Find your search term(s) quickly within a document.

**Using Your Results**
- Easily email, print, save or cite each relevant document.

**Alerts**
- Receive automated updates when relevant content is added to the database.

**Search Results, Public Libraries**
Montana State University students now have to analyze crush of solar eclipse data

BOZMAN — When Montana State University students watched a wall of darkness rush across the central Wyoming prairie at supersonic speed, they visualized a sudden shift in the summer day, they couldn't contain their awe.

“We saw all going crazy,” said Horse Godfrey, who was one of five MSU students on a Montana Space Grant Consortium team that included students from the University of Montana, Chief Doll Knife College and Miles Community College.

Their experience of the Aug. 21 total solar eclipse lasted only about two minutes. But the bulk of their research has just begun.

“We have all this data to go through,” said Godfrey, a sophomore majoring in physics.

To study how the atmosphere responded to the sudden, middle-darkness brought on by the eclipse, the team launched 19 helium-filled balloons. Each carried a small device called a radiosonde, which measured temperature, pressure and humidity as the balloons ascended to altitudes of 80,000 feet or more.

Total solar eclipses do unusual things to the air and clouds, but the effects in the upper atmosphere aren’t well documented or explained, according to Jennifer Fowler, Montana Space Grant Consortium’s assistant director. For instance, the corotating phenomenon is thought to change atmospheric waves that affect everything from wildlife behavior to wind turbine performance.

“They’re like waves on water,” Fowler said. “There’s a theory that says these waves are generated by the eclipse itself... but nobody had measured them during an eclipse. That’s exactly what we decided to try and do.”

Jim Hening, a sophomore physics major from Petersburg, Alaska, also helped launch the radiosondes from Fort Lemont. He will compare the data to predictions from computer models, which could help improve the models.

Currently, “simulating winds is tricky at best,” he said.

The data are also being made available to other researchers, Fowler said.

“This was great, real-world, hands-on training for students,” she said. “When they know that someone is going to use their data, they are much more engaged.”

The team launched five other balloons equipped with the livestream system and other sensors, including a 360-degree camera system designed by the students at Chief Doll Knife College in Lame Deer.

Frobert Oldman, a member of the Northern Cheyenne tribe and a freshman at Chief Doll Knife College, helped develop the video livestream and relay it to NASA’s website.

“It was kind of out of my comfort zone,” he said. “That’s why I did it.”