

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.

The screenshot shows the NewsBank homepage with several callouts highlighting new features:

- 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.

The homepage layout includes:

- Header: America's News, NewsBank inc., A-Z Source List, Change Databases.
- Main Content: NewsBank provides a comprehensive collection of reliable news sources covering a wide array of topics and issues.
- Search Bar: Enter any keyword, such as a name, event or topic. Search button.
- Suggested Topics: Business and Economics, Education, Environment, Health, International Issues, Jobs and Careers, Leisure Activities, People, Politics and Government.
- Quick Links: Special Reports, Hot Topics, USA, USA - Rhode Island, America's News Magazines, Providence Journal (RI).
- Footer: ©2017 NewsBank, inc., Contact Customer Service, Privacy Policy, Terms of Use.

Home Page, Public Libraries



NewsBank's new Advanced Search page helps users save time and generate more useful results.

The screenshot displays the NewsBank Advanced Search interface. At the top, the header includes 'America's News', 'A-Z Source List', and 'Change Databases'. The main search area features a large text input field with the placeholder 'Enter any keyword, such as a name, event or topic', a 'Select a Field (optional)' dropdown, and a 'Search' button. Below this is a section for 'Boolean Operators' (AND, OR, NOT) and 'Extra Search Boxes' for additional keywords. A 'Sort by' dropdown offers options like 'Best Match', 'Newest', and 'Oldest'. On the left, a list of states with source counts is shown, including 'USA - Alabama (38 Sources)' through 'USA - Maryland (26 Sources)'. A map of the United States is displayed on the right, with callouts for 'Search by Map' and 'Quickly and easily select sources based on location'. A 'Select a Field (optional)' dropdown is also visible, listing fields like 'All Text', 'Lead/First Paragraph', 'Headline', 'Author/Byline', 'Section', 'Caption', 'Page', 'Source', 'Date(s)', 'Word Count', 'Readability/Lexile', and 'Added within'. A 'Clear All' button is located near the search results area. At the bottom, there are links for 'Special Reports', 'Hot Topics', and buttons for 'USA', 'USA - Rhode Island', and 'America's News Magazines'. The footer contains copyright information and links for 'Contact Customer Service', 'Privacy Policy', and 'Terms of Use'.

Boolean Operators
Combine or exclude keywords for more focused results

Extra Search Boxes
Use additional terms to get more precise results

Select a Field
Limit search results to targeted subsets of information

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

Search by Map
Quickly and easily select sources based on location

Advanced Search, Public Libraries



NewsBank's new integrated results screen enables users to explore different information formats at a glance

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

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

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

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

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

Navigators
Refine search results instantly without leaving the results page

The screenshot shows the NewsBank search results for 'eclipse'. The interface includes a top navigation bar with 'America's News', 'New Search', 'A-Z Source List', 'Change Databases', and 'Share Feedback'. The search bar contains 'eclipse' and shows '732,256 Results'. On the left, there are filters for 'Sort by' (Best Match, Newest, Oldest), 'Source type' (Audio, Blog, College/University Newspaper, Journal, Magazine, Newsletter, Newspaper, Newswire, Transcript, Video, Web-Only Source), 'Date' (Yesterday & Today, Past 30 Days, Past Year, Custom Date Range), and 'Source name' (Plain Dealer, Times-Picayune, Oregonian, Trenton Evening Times). The main results area displays a list of articles with titles, dates, and source information. Each result includes a preview of the article content and a thumbnail image. The callouts highlight various features: 'Alerts' for automated updates, 'Sort Options' for organizing results, 'Bulk Actions' for multiple document actions, 'Using Your Results' for email, print, save, or cite options, 'Highlighted Keyword' for finding search terms within documents, and 'Navigators' for refining search results.

Search Results, Public Libraries

NewsBank's new document view makes it easier for users to access and utilize relevant content needed for their research.

The screenshot displays the NewsBank interface for a document titled "Montana State University students now have to analyze crush of solar eclipse data" from the Billings Gazette, The (MT), dated September 28, 2017. The interface includes a top navigation bar with "America's News", "NewsBank inc.", and "New Search" options. A right sidebar contains "Change Databases" and "Share Feedback" links. Below the navigation bar is a toolbar with icons for font size, citation, print, share, and email. The main content area shows the article text, which discusses the experience of Montana State University students during a solar eclipse. The article is attributed to MARSHALL SWEARINGEN MSU News Service. The interface is annotated with four callouts: "Cite" (Select, save, and export citations in a variety of formats), "Actions" (Easily save, print, link to, or email relevant documents), "Font Size" (Instantly adjust font size to improve readability), and "Legibility" (Page width designed for optimal viewing/reading).

Cite
Select, save, and export citations in a variety of formats

Actions
Easily save, print, link to, or email relevant documents

Font Size
Instantly adjust font size to improve readability

Legibility
Page width designed for optimal viewing/reading

Montana State University students now have to analyze crush of solar eclipse data

September 28, 2017 | Billings Gazette, The (MT)
Author: MARSHALL SWEARINGEN MSU News Service | Section: State And Regional
696 Words | Readability: Lexile: 1210, grade level(s): 11-12

BOZEMAN — When Montana State University students watched a wall of darkness rush across the central Wyoming prairie at supersonic speed, then wash over them and bring a sudden chill to the summer day, they couldn't contain their awe.

"We were all going crazy," said Jaxen Godfrey, who was one of five MSU students on a Montana Space Grant Consortium team that included students from the University of Montana, Chief Dull 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, midday 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 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 celestial phenomenon is thought to change atmospheric waves that affect everything from wildfire behavior to wind turbine performance.

"They're like waves on water," Fowler said. "There's a theory that says that 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."

Ian Fleming, a sophomore physics major from Petersburg, Alaska, also helped launch the radiosondes from Fort Laramie. 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 cameras, including a 360-degree camera system designed by the students at Chief Dull Knife College in Lame Deer.

Forrest Oldman, a member of the Northern Cheyenne tribe and a freshman at Chief Dull Knife College, helped download 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."

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Document View, Public Libraries