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Nature

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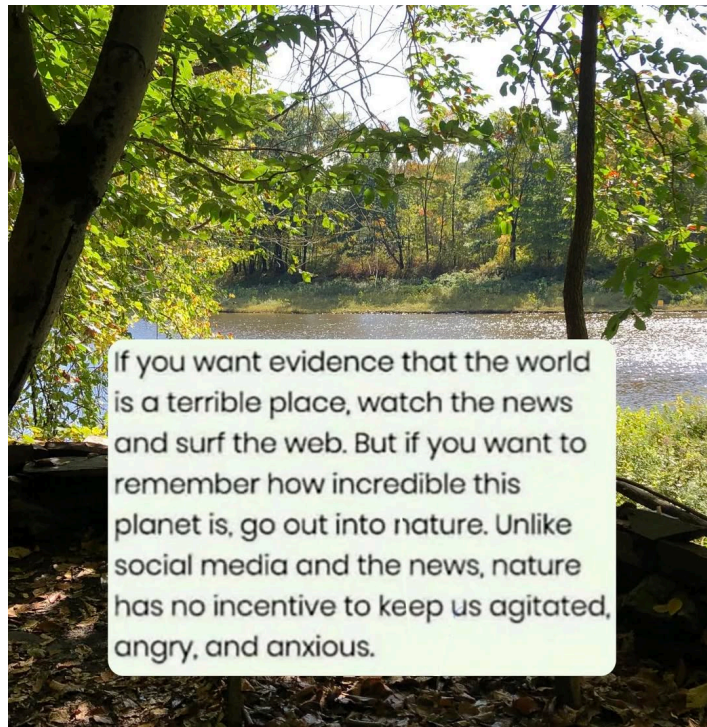
USDA head Brooke Rollins’ grand plan for the egg crisis

Military news briefs: Week of March 10

Citizen Scientists Hitting Streets of Fastest-Warming Cities to Collect Detailed Temp Data

BLM Field Office For Marin, Napa, Sonoma And More Counties To Close

State ag department leaders to share insights at third annual Western conference



Great News in the Fight To Protect Native Corn in Mexico

****UPDATE 3/6/2025:** After five hours of deliberation, with a vote of 97 in favor and 16 opposing, the Mexican Senate approves the constitutional reform to ban GMOs. In a closing statement the director of the Morena party Adán Augusto López Hernández stated, "We must continue protecting our country, we will not fail."

The Sin Maíz No Hay País (No Corn No Country) campaign, with the help of our sister organizations Organic Consumers Association and Vía Orgánica, and other activists, organizations, politicians, scientists, environmentalists, lawyers and concerned citizens in Mexico, has achieved a significant victory against genetically modified (GM) corn, with the Chamber of Deputies approving a constitutional reform to ban GM corn. This reform prioritizes the protection of biodiversity, food sovereignty, and traditional crops, and promotes the use of native seeds. The move is a result of years of activism, scientific research, and perseverance by organizations, lawyers, researchers, farmers, environmentalists, and concerned citizens.

The road to this victory has been long and challenging. In 2018, the Organic Consumers Association (OCA) tested samples of MASECA corn flour and found high levels of glyphosate and genetically modified organisms (GMOs). In December 2020, a presidential decree was issued seeking to ban GM corn for human consumption in Mexico by 2024. This caused a tremendous and fast reaction in the US market, after all, Mexico is the biggest buyer of the corn grown in the United States, 90 percent of which is genetically engineered. The US government argued that the decree was in violation of the USMCA (United States-Mexico-Canada free trade agreement).

Despite this setback, Mexico's civil society continued to push for a ban on GM corn. In February 2025, the Chamber of Deputies approved the constitutional reform, which will now be sent to the Senate for final approval. This move is seen as a significant step forward for Mexico's food sovereignty and its ability to protect its native corn varieties.

Mercedes López, International Director of Vía Orgánica responded to this important victory:

"In order to defend the cultural biodiversity and food sovereignty of the people of Mexico, the modification of two constitutional articles is underway: Article 4, which seeks to protect Mexico as the center of origin and permanent diversity of corn, an element of national identity, and which establishes its cultivation free of genetic modifications; as well as Article 27, which protects and promotes traditional crops with native seeds through the milpa system.

This initiative – which was approved by the Chamber of Deputies and will be analyzed in the coming days by the Senate of the Republic – aims to prohibit the planting of genetically modified corn, prioritize the protection of biodiversity and food sovereignty, defend the milpa system and promote traditional crops and native seeds. Mexican corn has been developed for 10,000 years by indigenous and Afro-American populations to give Mexico and the world 64 breeds and thousands of varieties of corn that are used by the population as food, compost,

medicine, sacred rites, handicrafts and construction. Transnational companies such as Bayer-Monsanto, Syngenta and Dow Agrosiences see corn purely as a commodity to abuse and control. The peasant communities and native peoples who continue to plant native corn and milpa (a traditional and holistic system of growing food) have been fundamental, as well as various networks such as the national campaign Sin Maíz No Hay Paíz, of which Vía Orgánica, Organic Consumers Association and Regeneration International are an integral part.”

[Learn more about this inspiring victory](#)

Read 'GM Corn and Glyphosate Science: Documents From Mexico-U.S. Trade Dispute'

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**Indigenous Food Reciprocity as a Model for Mutual Aid**

Kate Nelson writes for Civil Eats:

"For centuries, Native communities have focused on the collective rather than the individual. Here's what we can learn from them.

The notion of "mutual aid" is relatively new in name, but it mirrors a concept that's been prioritized by Indigenous cultures since time immemorial: a focus on the collective. A foundational value among Native American communities, it stands in stark contrast to America's modern hyper-fixation on the individual.

This idea of reciprocity extends far beyond humans, beginning in the natural world around us. It is a worldview informed by abundance and mutual existence—not scarcity and competition—where gratitude trumps greed. At a time of pervasive extraction and exploitation, we might take a moment to understand the importance of this worldview, still practiced the world over.

'In a traditional Anishinaabe economy, the land is the source of all goods and services, which are distributed in a kind of gift exchange: One life is given in support of another,' Potawatomi botanist and author Robin Wall Kimmerer writes in her newest book, *The Serviceberry: Abundance and Reciprocity in the Natural World*. 'The focus is on supporting the good of the people, not only an individual. Receiving a gift from the land is coupled to attached responsibilities of sharing, respect, reciprocity, and gratitude.'"

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[Read how to reject this extractive, "scarcity" thinking, as Kimmerer reminds us, is to make way for another kind of economy](#)

The \$100 Trillion Disruption: The Unforeseen Economic Earthquake

<https://wildfirelabs.substack.com/p/the-100-trillion-disruption-the-unforeseen>

<https://tomsonhighway.ca>

[Home - Tomson Highway](https://tomsonhighway.ca) <https://tomsonhighway.ca>

Tomson Highway is the proud son of legendary caribou hunter and world championship dogsled racer, Joe Highway, and artist-in-her-own-right (as bead-worker and quilt-maker extraordinaire), Pelagie Highway. A full-blood Cree, he is a registered member of the Barren Lands First Nation, the village for which is called Brochet (pronounced "Bro-shay") and which village is located in northern ...

<https://macleans.ca> > [culture](#) > [arts](#) > [in-conversation-with-tomson-highway](#)

[In conversation with Tomson Highway - Macleans.ca](#)

Tomson Highway, the Cree playwright and author whose gripping works about life on the reserve brought him international fame, membership to the Order of Canada and saw him named one of the 100 ...

<https://www.huffpost.com> > [archive](#) > [ca](#) > [entry](#) > [tomson-highway-has-a-surprisingly-positive-take-on-residential-s_n_8787638](#)

[Tomson Highway Has A Surprisingly Positive Take On ... - HuffPost](#)

Tomson Highway is a Cree storyteller, so it's fitting that the playwright, novelist, classical pianist and Order of Canada recipient's bio begins like the opening line of a tale: "Tomson Highway was born in a snowbank on the Manitoba/Nunavut border to a family of nomadic caribou hunters."

A breakdown of the 31 EPA deregulatory moves around water, air, climate

Environmental Protection Agency Administrator Lee Zeldin on Wednesday announced nearly three dozen deregulatory moves that he said would spur the U.S. economy by rolling back rules that have unfairly burdened industry. Many of the moves would affect landmark regulations aimed at protecting clean air and water. [Read more.](#)

What to know:

- The EPA will reconsider policy on topics including power plant emissions standards; toxic emission limits on power plants; wastewater rules for coal and other power plants; uses for oil and gas wastewater; petrochemical emergency planning; and greenhouse gas reporting requirements.

- **[EPA terminates Biden-era climate grants worth \\$20 billion](#)**

From Cheryl Crazy Bull

We'll get straight to the point. Right now, the Trump Administration is ready to issue an Executive Order to dismantle the Department of Education.

However, the Department of Education was established by Congress, and it can only be dismantled by Congress. [House Republicans reintroduced H.R. 899](#), a one-line bill, "The Department of Education shall terminate on December 31, 2026."

We must raise our voice and let our representatives know that this bill cannot pass.

What you may not realize is that the Department of Education's main role is financial. Dismantling it would disrupt programs that disburse federal student aid, negatively impacting all students that receive student loans and Pell grants. To qualify for a Pell grant, you must show need and the majority of College Fund and Tribal scholars demonstrate that financial need.

The Department of Education also provides federal funding for public schools and the ability to enforce civil rights protections for all students in education, including characteristics like disability, religion, and sex.

Native students are at the center of this attack and will experience tremendous hardships.

We need your voice, right now.

Mar 7, 2025

The Trump Administration is considering drafting an Executive Order to dismantle the Department of Education.

However, the Department of Education was established by Congress, and it **can only be dismantled by Congress**. [House Republicans reintroduced H.R. 899](#), a one-line bill, "The Department of Education shall terminate on December 31, 2026."

We must raise our voice and let our representatives know that this bill cannot pass.

An important fact to remember is that the Department of Education's main role is financial. Dismantling it would disrupt programs that disburse federal student aid, negatively impacting *all students* that receive student loans and Pell grants. To qualify for a Pell grant, you must show legitimate need. 47%, nearly half, of College Fund and Tribal scholars demonstrate that financial need, and rely on Pell grants to complete their education.

The Department of Education also provides federal funding for public schools and the ability to enforce [civil rights protections](#) for *all students* in education, protecting against discrimination based on characteristics like disabilities, religion, race, and sex.

Like with the other executive orders and acts of this administration, Native students **would** experience tremendous hardships, and be uniquely impacted by this action.

As we previously shared here, the relationship between the federal government and Indian Tribes is grounded in **treaty rights**, many of which were codified before the United States was even formed, and they continue to this day.

For example, the Native Career and Technical Education program trains people for skilled and highly skilled jobs. Title III of the Higher Education Act develops and improves academic and vocational programs, infrastructure, and increases financial stability. Professional development grants pay for local teacher and school administrator training. The Native Language Resource Center provides vital resources to endangered Native languages.

These programs don't only provide for Native students, but Native students stand to lose much more, much more quickly, than many others. We know you care for our scholars – and as a supporter, **we need your voice *right now***.

Here's the short version: Eliminating the Department of Education would devastate public schools, hurt students with disabilities, strip away civil rights protections for millions of students, and eliminate crucial workforce development programs that boost our economy. Education is a fundamental right, not a privilege for the wealthy.

Please, call your elected officials in Congress today and let them know why dismantling the Department of Education threatens the future for thousands of Native and non-native students.

To find your representative's and senator's contact information, use this [USA.gov tool](#).

Please, call your elected officials in Congress today and let them know why dismantling the Department of Education threatens the future for thousands of Native and non-native students. To find your representative's and senator's contact information, use this [USA.gov tool](#).

Here is a simple script to get you started:

Hello, my name is (blank). My zip code is (tell them your zip code) and I am a supporter of education and the American Indian College Fund.

I am aware that the Trump Administration is ready to issue an Executive Order to dismantle the Department of Education. I also understand that since the Department of Education was established by Congress, it can only be dismantled by Congress. H.R. 899., reintroduced by House republicans has one line and one purpose only: "The Department of Education shall terminate on December 31, 2026."

Eliminating the Department of Education would devastate public schools, hurt students with disabilities, strip away civil rights protections for millions of students, and eliminate crucial workforce development programs that boost our economy. If you believe that education is a

fundamental right, not a privilege for the wealthy, show it by standing up for the Department of Education.

*This is an attack on all students and Native students are at the center of this attack. **Dismantling the Department of Education threatens the future for thousands of Native and non-native students.***

I am informing you that, as a constituent, I do not support gutting our educational system. Please do not allow Congress to dismantle the Department of Education.

Thank you for your time

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**What's at Stake? The Consequences of Budget Cuts to Native Higher Education** 2/25/25

When federal support for TCUs is cut or withheld, the consequences are immediate and severe: Fewer scholarships: Many Native students rely on financial aid to attend college. Reduced funding means fewer opportunities to complete degrees. Loss of essential services:... read more

**Why Native Education is Different: The Relationship Between Tribal Colleges and the Federal Government Feb 24, 2025**

A treaty represents your rights, not your privilege: For most Americans, education is seen as a for nations, education is something more: it is a treaty right - a personal choice, an opportunity that students pursue through state and private institutions. But Native~

[Reason](#)

**[What If Native American Tribes Had Gotten Their Own State?](#)**

[Historian Donald L. Fixico explores a forgotten](#)

**Colleges cancel Native convocations to comply with Trump order, disappointing students**

Mesa Community College students were disappointed that a presidential order to dismantle DEI programs ended Native convocations.

Read in acentral: <https://apple.news/AWuBm9zJmT5KSP83rNkTscg>

## Scholarships (NDS-W) with April 15 Deadline

|                                                                              |          |                                             |                                |
|------------------------------------------------------------------------------|----------|---------------------------------------------|--------------------------------|
| <a href="#">NDS Kildee Graduate School Scholarships</a>                      |          | \$3,000                                     | April 15, 2025                 |
| <a href="#">NDS Klussendorf/McKown Scholarship</a>                           |          | \$1,500                                     | April 15, 2025                 |
| <a href="#">NDS Maurice E. Core Scholarship</a>                              |          | \$1,000                                     | April 15, 2025                 |
| <a href="#">NDS McCullough Scholarship</a>                                   |          | \$1,000                                     | April 15, 2025                 |
| <a href="#">NDS Merton Sowerby Junior Merit Scholarship</a>                  |          | \$1,500                                     | April 15, 2025                 |
| <a href="#">NDS Mike Lancaster Sophomore Merit Scholarship</a>               |          | \$1,500                                     | April 15, 2025                 |
| <a href="#">NDS Student Recognition Award for Seniors</a>                    |          | \$2,000                                     | April 15, 2025                 |
| <a href="#">Nellie Martin Carman Scholarship</a>                             |          | \$8,000                                     | April 15, 2025                 |
| <a href="#">NESS NextGen Scholarship</a>                                     |          | \$1,000                                     | April 15, 2025                 |
| <a href="#">New Jersey Tuition Aid Grant</a>                                 |          | Full-Tuition                                | April 15, 2025                 |
| <a href="#">New York Financial Writers' Association Scholarship</a>          |          | Varies                                      | April 15, 2025                 |
| <a href="#">NGA Foundation Scholarships</a>                                  |          | \$3,000                                     | April 15, 2025                 |
| <a href="#">NLHA Education Fund Scholarship</a>                              |          | \$4,500                                     | April 15, 2025                 |
| <a href="#">Northwest Osteopathic Medical Foundation Scholarship Program</a> |          | \$10,000                                    | April 15, 2025                 |
| <a href="#">NSTA Local Impact Scholarship</a>                                |          | \$2,000                                     | April 15, 2025                 |
| <a href="#">NWPA NTMA Scholarships</a>                                       |          | \$2,500                                     | April 15, 2025                 |
| <a href="#">OAN Emerald Empire Chapter Award</a>                             |          | \$2,000                                     | April 15, 2025                 |
| <a href="#">OAN Larry Fitzgerald Memorial Scholarship</a>                    |          | \$1,000                                     | April 15, 2025                 |
| <a href="#">OAN Mt. Hood Chapter Award I &amp; II</a>                        |          | \$1,500                                     | April 15, 2025                 |
| <a href="#">OAN Retail Chapter Awards</a>                                    |          | \$2,000                                     | April 15, 2025                 |
| <a href="#">OAN Sid and Cindy Miles Nursery Award</a>                        |          | \$1,000                                     | April 15, 2025                 |
| <a href="#">OAN Willamette Chapter Award</a>                                 |          | \$2,000                                     | April 15, 2025                 |
| <a href="#">Oregon Association of Nurseries Scholarship Program</a>          |          | \$3,000                                     | April 15, 2025                 |
| <a href="#">Oregon Music Hall of Fame Scholarship</a>                        |          | \$2,500                                     | April 15, 2025                 |
| <a href="#">Oregon PTA Teacher Education Scholarship</a>                     |          | \$1,000                                     | April 15, 2025                 |
| <a href="#">Outdoors Communicators of Kansas Harper Memorial Scholarship</a> |          | \$1,000                                     | April 15, 2025                 |
| <a href="#">Palmetto Fellows Scholarships</a>                                |          | \$40,000                                    | April 15, 2025                 |
| <a href="#">Peppy Moldovan Memorial Award</a>                                | \$1,000  | April 15, 2025                              |                                |
| <a href="#">Preferred Bank Scholarship Program</a>                           | \$2,000  | April 15, 2025                              |                                |
| <a href="#">Robert G. and Joyce Andrew College Scholarship Fund</a>          | \$24,000 | April 15, 2025                              |                                |
|                                                                              |          | <a href="#">Rowan University Opportunit</a> | Full-Tuition<br>April 15, 2025 |



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|----------------------------------------------------------------------------|----------|----------------|
| <a href="#">RTF Cyber Security Scholarship</a>                             | \$1,000  | April 15, 2025 |
| <a href="#">Sage DE&amp;I Scholarship Award</a>                            | \$1,500  | April 15, 2025 |
| <a href="#">Scott and Kim Verplank Foundation Scholarships</a>             | \$10,000 | April 15, 2025 |
| <a href="#">Seabee Memorial Scholarship Association Scholarships</a>       | \$3,500  | April 15, 2025 |
| <a href="#">Second Chance of Florida Foundation Scholarship</a>            | \$1,000  | April 15, 2025 |
| <a href="#">Sharda Hindu Scholarship</a>                                   | \$2,000  | April 15, 2025 |
| <a href="#">SVCF Hanna Family Foundation Scholarship</a>                   | \$40,000 | April 15, 2025 |
| <a href="#">TechWaste Recycling Scholarship</a>                            | \$1,000  | April 15, 2025 |
| <a href="#">Texas A&amp;M Judo Scholarship</a>                             | \$16,000 | April 15, 2025 |
| <a href="#">The Fulgham/Fulghum National Foundation Scholarship</a>        | \$3,000  | April 15, 2025 |
| <a href="#">The HCBF Scholarship</a>                                       | Varies   | April 15, 2025 |
| <a href="#">The Maureen D. Keller Undergraduate Scholarship</a>            | \$1,000  | April 15, 2025 |
| <a href="#">The Synchrony Scholarship</a>                                  | \$2,500  | April 15, 2025 |
| <a href="#">Two Ten Footwear Foundation Scholarship</a>                    | \$16,000 | April 15, 2025 |
| <a href="#">U.S. Stockholm Junior Water Prize</a>                          | \$10,000 | April 15, 2025 |
| <a href="#">Utility Arborist Nelsen Money Scholarship</a>                  | \$2,500  | April 15, 2025 |
| <a href="#">Virginia Department of Health Nursing Scholarships</a>         | Varies   | April 15, 2025 |
| <a href="#">Washington CPA Foundation Associate Accounting Scholarship</a> | \$2,000  | April 15, 2025 |
| <a href="#">Wayfinder Society Student Mini-Grant</a>                       | \$2,000  | April 15, 2025 |
| <a href="#">West Virginia Higher Education Grant Program</a>               | \$6,800  | April 15, 2025 |
| <a href="#">WGA Mary Macey Scholarship</a>                                 | \$1,500  | April 15, 2025 |
| <a href="#">WIU Chad Stovall Memorial Scholarship</a>                      | Varies   | April 15, 2025 |
| <a href="#">Womanspace High School Senior Fine Arts Scholarship</a>        | \$1,000  | April 15, 2025 |
| <a href="#">Worthington Scholarship</a>                                    | \$20,000 | April 15, 2025 |

### **I'm Obsessed With Survival Shows. Could I Make It 10 Days in the Wilderness?**

[I wanted to learn how to prepare for disaster. It turned out I needed skills, yes — but the first thing was learning how to breathe.](#)

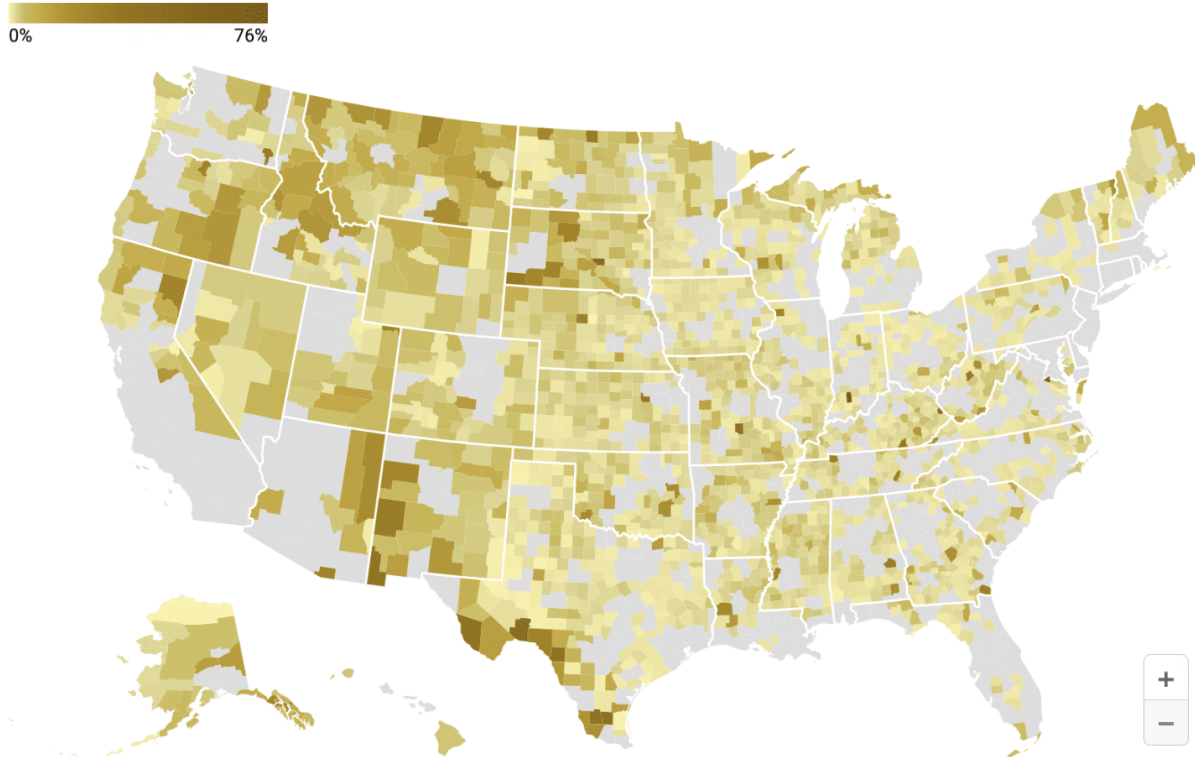
[https://www.nytimes.com/2025/03/11/magazine/survival-course-doom-disaster-prep.html?utm\\_source=firefox-newtab-en-us](https://www.nytimes.com/2025/03/11/magazine/survival-course-doom-disaster-prep.html?utm_source=firefox-newtab-en-us)

### **The case for using your brain — even if AI can think for you**

Digital dependence is reshaping our brains. But we can fight it.

[https://www.vox.com/future-perfect/403100/ai-brain-effects-technology-phones?utm\\_source=firefox-newtab-en-us](https://www.vox.com/future-perfect/403100/ai-brain-effects-technology-phones?utm_source=firefox-newtab-en-us)

## Share of Wages in Federal Employment, Nonmetropolitan Counties (2023)



Map: Rural Index, Sarah Melotte | Source: Bureau of Labor Statistics | Created with [Datawrapper](#) | See interactive map at [DailyYonder.com](#)

### [Federal Layoffs Will Hurt Rural Counties](#)

By [Sarah Melotte, The Daily Yonder](#)

Thousands of rural Americans are employed by the federal government in a variety of jobs across the nation. How will Trump's employment purge hurt rural communities?

<https://sierranevadaally.org/2025/02/26/federal-layoffs-will-hurt-rural-counties/>

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Long read but well worth it. From Katie Couric: [My all-too-timely conversation with Michael Lewis about what federal workers really do](#)


### **Lights, camera, legislate! Push for Nevada film industry hits a plot twist.**

Warner Bros. Discovery announced it was partnering with Sony Pictures Entertainment and Howard Hughes Holdings on tentative plans to construct “a 31-acre world-class production facility anchoring a planned 100-acre mixed-use development” in Summerlin. (Via the Las Vegas Weekly)

> **Researchers demonstrate** recycling process that breaks down common plastics using only an inexpensive catalyst and moisture pulled from the air ([More](#))

> **Scientists create "berkelocene,"** the first metallic compound using the element berkelium; with an atomic number of 97, the achievement sheds light on chemistry with elements heavier than uranium ([More](#))

## **[Ancient humans made tools from animal bones 1.5 million years ago](#)**

 **The crypto cabal gets a new member.** Rep. Ritchie Torres (D-N.Y.) — who accepted a torrent of finance industry campaign cash — is teaming with House Republicans to launch the Congressional Crypto Caucus with the “goal of advancing crypto-friendly policies.” Torres has promoted cryptocurrencies as a boon for the working class — but research shows blockchains’ massive resource draw is actually hurting low-income communities. Crypto’s having a big week in D.C.

> **Water droplets flowing** across a surface generate as much as 10 times more electric charge than previously believed; results shed light on the microscopic physics of interfaces, may lead to improved fuel systems ([More](#))

### **CHART OF THE DAY**

From 2003 to 2018, the average amount of time Americans spent reading for personal interest fell by almost a third. (Source: [American Academy of Arts and Sciences](#))

**USDA head Brooke Rollins’ grand plan for the egg crisis** doesn’t involve regulating the monopolistic agocartel choking out the industry — instead, the Trump administration will gift Big Egg up to \$500 million for “biosecurity measures” while deregulating state laws mandating minimum spacing requirements for poultry... one of the few restrictions to slow the spread of avian flu on megafarms.

**Military news briefs: Week of March 10, 2025** ([thisisreno.com](#)) — Reno hosts several upcoming veteran-focused events, including a Vietnam Veterans Remembrance ceremony at Truckee Meadows Community College and a VFW dinner and raffle. These events highlight the community's commitment to honoring veterans and supporting local military initiatives.

**Citizen Scientists Are Hitting the Streets of the Country's Fastest-Warming Cities to Collect Detailed Temperature Data** ([smithsonianmag.com](#)) — Reno is the fastest-warming city in the U.S., prompting citizen scientists to map local temperatures. This data helps target areas for cooling efforts, addressing disparities in heat exposure across neighborhoods.

## **[BLM Field Office For Marin, Napa, Sonoma And More Counties To Close](#)**

DOGE plans to close the Bureau of Land Management Field Office in Ukiah, which manages approximately 270,000 acres of land, including mineral rights.

**State ag department leaders to share insights at third annual Western conference** ([newtoncountytimes.com](#)) — The third annual Western Water, Agricultural, and Environmental Law Conference will take place in Reno on June 19-20, offering insights from state agriculture leaders. The event will also be available via livestream.