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A Message From Russell Means



A Very Special Issue of Seedhead News to read:

[Download PDF \(2.3 MB\)](#)

Simulated Anasazi Storage Behavior Using Crop Yields Reconstructed from Tree Rings: A.D. 652–1968

Abstract and figure from Barney's PhD dissertation, submitted to the University of Arizona Department of Anthropology in 1983.

A clear understanding of interactions between the arid Southwestern environment and that area's prehistoric inhabitants has been a goal of Southwestern archaeology. This research has reconstructed annual corn and dry bean crop yields for southwestern Colorado from A.D. 650 to 1968, as well as the amounts of those foods available for each of those years.

Colorado's five southwestern county dry farming corn and dry bean crop records were combined to create two regional crop series. Modern technology's increasing influence was recognized as being present in the two series. This influence was felt to parallel Colorado's statewide fertilizer consumption and was removed using a multiple regression procedure. Two modern technology free regional crop series resulted. These two series, along with the original two historic crop series were calibrated against five Four Corners tree-ring chronologies from four localities. Both Douglas-fir and pinyon were employed in the calibration. The calibration process used multiple regression so that each series' current annual crop yield could be predicted using one or more of 25 separate dendrochronological predictors. The regression equation deemed most suitable for predicting each of the four crop series was utilized to reconstruct annual crop yield estimates for the A.D. 652-1968 period.

Normal verification was impossible since additional independent crop data were lacking. The reconstructed crop yield series were evaluated statistically. Portions of them were compared against historically recorded events. These two types of testing suggested that the retrodictions were probably valid.

The crop yield reconstructions provided the basic data for four sets of storage simulations that attempted to determine corn and dry bean availability for each year from A.D. 652 to 1968, given certain assumptions about the levels of storage technology available to the Anasazi of southwestern Colorado.

A. E. Douglass' A.D. 1276-1299 "Great Drought" appears to be confirmed. A number of additional famines or food crises have also been recognized. In addition, periods where food was super abundant have been identified. It now appears that much of the Four Corners large public construction projects were undertaken during and perhaps because of these periods of excess surplus.



Get a Fresh Start with SBA Resource Partners
Donna Davis, Regional Administrator, Region IX.

I am amazed how quickly this year has flown by and 2015 will be here soon! Are you thinking of starting a business of your own in the coming year? Maybe you are currently a business owner and concerned about cash flow, or you are doing well and wondering how to grow and take your company to the next level.

If you're thinking of starting, growing or managing a small business, the U.S. Small Business Administration (SBA) and our resource partners can help you get a fresh start for the New Year.

You are not alone. At the SBA, we are all about jumpstarting and helping America's small businesses move forward, and our resource partners are essential to our mission. Our partners are available to help you plan for success, and they can tailor their assistance to meet your unique small business concerns. You don't have to do it alone and our resource partners are here to help shorten your learning curve and to assist in achieving your desired results.

Meet our partners. SBA's resource partner network serves small business owners and entrepreneurs across this nation and is comprised of over 11,000 SCORE business mentors, 900+ Small Business Development Centers (SBDC) service delivery points and Women Business Centers (WBC) providing counseling and training through 100+ non-profit educational centers. In addition, 15 organizations serve as Veterans Business Outreach Centers (VBOC) through the SBA's Office of Veterans Business Development to help veteran-owned and service-disabled veteran-owned small businesses start or expand.

How our partners help. SBA's resource partners in your community provide free quality one-on-one counseling; training and mentorship that can help unleash your small business potential. In fiscal year 2014, these efforts helped small businesses start over 13,500 new companies, create and retain more than 70,000 jobs and receive more than \$4.7 billion in capital infusion. The significant contributions by our valued resource partners enable many individuals to realize their business dreams.



Who they have helped. To SBA's resource partners, small businesses are a big deal with a large impact. Small Business Development Centers (SBDCs) counseled and trained 485,487 clients, SCORE 'For the Life of Your Business' counseled and trained nearly 442,000 clients and Women's Business Centers (WBCs) provided assistance to 140,037 clients.

SBA's vast network of resource partners is smart, bold and very accessible. They serve and mentor groups with unique business needs including women, entrepreneurs over the age of 50, veterans and millennial entrepreneurs. SBA resource partners have helped the small business community raise start up and growth capital, start new companies and sell billions of dollars in products and services globally.

What is next? If you're thinking of starting, growing or managing a small business, connect with your local SBA District Office at www.sba.gov/local where you can search for the nearest SBDCs, SCORE chapters, WBCs and VBOCs to empower your next step in moving your small business forward. Or click the icon below to find local assistance.

I encourage you to leverage the services and programs the SBA and our incredible resource partners have available to optimize your business success and prosperity. Let's work smarter, not harder.

350.org What an honor.

Today Bill McKibben accepted the **Right Livelihood Award: The 'Alternative Nobel Prize'**. He made it clear though that the prize really was for all of us mobilizing to fight climate change. Bill's speech was truly powerful. Read it here: <http://buff.ly/1HSfSdJ>

[~Whispers from the Soul~](#)

“May the stars carry your sadness away,
may the flowers fill your heart with beauty,
may hope forever wipe away your tears,
and, above all, may silence make you strong.”

~ Chief Dan George ***

<http://www.thisblewmymind.com/they-walk-into-an-opening-in-the-hillside-what-they-see-breathtaking/#>

Environmental Defence Canada

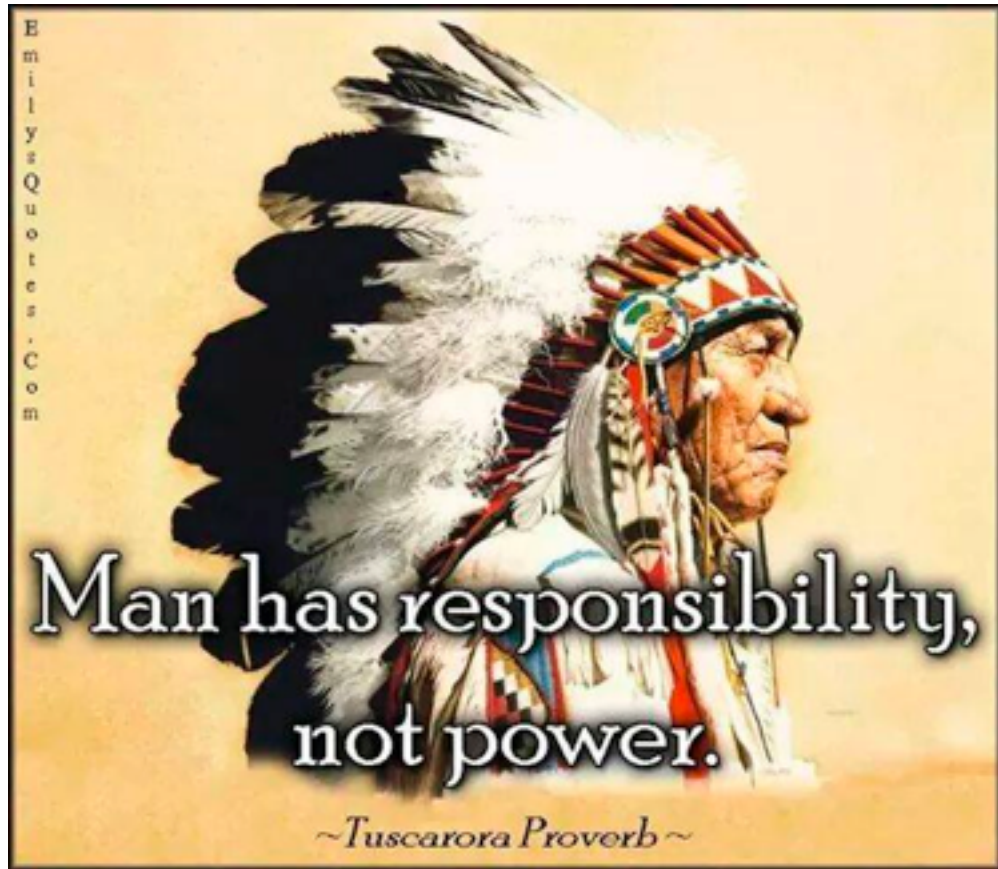


Good! Today, the Commission for Environmental Cooperation confirmed there is enough evidence to investigate the federal government's failure to enforce Canada's environmental laws around leaking toxic tailings waste. Find out more: <http://ow.ly/A4Wdp>

<http://www.occupydemocrats.com/watch-pres-obama-sums-up-the-keystone-xl-pipeline-in-one-sentence/>

Kassidy Dennison talks about her Navajo Heritage

Kassidy Dennison talks with Keith Flake after round 2 about her journey to this point in her career youtube.com



[ATATINI 2013 - Ōpōtiki Mai Tawhiti](#)

[Vegetable Spawns Larceny and Luxury in Peru](#) By WILLIAM NEUMAN

As maca booms, some Peruvians fear that they are losing control of a valuable crop with a history that goes back long before the time of the Inca empire

The Rundown from Federal Water Tap

House Republicans try again to send more **water to San Joaquin Valley farmers**, but President Obama says he'll **veto the bill**. The Senate Agriculture Committee talks about **agriculture and water pollution**, while a Seattle Superfund site gets a **\$US 342 million prescription**. Congress passes a **water rights settlement** in the Colorado River Basin days before **new reports** are expected on the river's future. Meanwhile, the EPA prepares regulations for **coal ash**.

"We are getting so used to running the Rules Committee by writing something at midnight and throwing it at someone and telling the rest of us on our side, 'We've got a brand new bill and it's an emergency and we've got to deal with it right away.' Nonsense. This is the same bill that's been around here forever and I do not believe a minute of that. They just thought it would be a great idea at the end of session here in lame duck, 'Let's see if we can ram this one through.'" — Rep. Louise Slaughter (D-NY), talking about the drought legislation that California Republicans are attempting push through Congress.

“I would urge you and the EPA as we look at this to have more confidence and more faith in our farmers and our ag community that they want to solve the problem without having another layer of regulation put on top of them.” – Sen. Joe Donnelly (D-IN) speaking to the chief of the Natural Resources Conservation Service about water pollution from farm fields. The interaction took place at a [Senate Agriculture Committee hearing](#) on voluntary farm measures to protect water resources.

By the Numbers

\$US 342 million: Estimated cost of cleaning up Seattle’s Duwamish River, a federal Superfund site ([U.S. Environmental Protection Agency](#))

\$US 250,000: Grand prize for a desalination design competition sponsored by the U.S. Agency for International Development. Eight semifinalists have been selected to build small-scale desalination technologies for use in developing countries. Three finalists will be chosen after a competition in April 2015 at a Bureau of Reclamation testing facility in New Mexico. ([Bureau of Reclamation](#))

News Briefs

Superfund

Seattle’s Duwamish River, a waterway so polluted with PCBs and industrial toxins that residents are warned not to eat the fish, will undergo an extensive surgery to restore the health of the federal Superfund site.

According to the [\\$US 342 million cleanup plan](#), nearly a million cubic yards of contaminated sediment will be dredged from the river bottom, an increase of 20 percent compared to a draft plan released last year. Public comments that urged more dredging led to the increase.

“We have listened. We’ve been responsive,” EPA regional administrator Dennis McLerran told [EarthFix](#).

The cleanup program will take 17 years and remove 90 percent of the contamination, according to the EPA.

Not Measuring Drinking Water Success

The EPA does not collect enough data on its signature loan program for drinking water infrastructure to know if the money improved water quality and public health. That is according to [an investigation of the agency’s data collection practices](#) by its internal watchdog, the Office of the Inspector General.

The inspector general’s report recommends that the EPA enforcement the requirement that states report data for projects completed with money from the Drinking Water State Revolving Fund, which accounts for roughly 10 percent of the EPA’s budget.

Water Rights

Both chambers of Congress passed a [water rights settlement](#) for a tributary of the Colorado River. The settlement grants rights to the Bill Williams River to the Hualapai Tribe, whose reservation is located on the South Rim of the Grand Canyon in Arizona.

The agreement also involves [a land and water swap](#) with the Arizona Game and Fish Department and Freeport-McMoRan, a mining giant, which will pay \$US 1 million to the tribe for technical studies of how to deliver water to the tribe’s land, according to *Mohave Daily News*.

Nutrient Pollution

Lawyers for the EPA told a federal appeals court panel that it should [overturn a district judge’s](#)

[order](#) that the agency decide whether to regulate phosphorous and nitrogen in the Mississippi River Basin, the *Times-Picayune* reports. A big flush of nutrients from farm fields, urban lawns, and sewage treatment plants into the Gulf of Mexico creates a fish-killing “dead zone” each summer the size of a small New England state.

On the Radar

Colorado River Reports

Two years ago the Bureau of Reclamation released [a landmark study](#) of water supply and demand in the Colorado River Basin. A series of reports on [solutions for meeting future water needs in the basin](#) will be published this month, according to the Bureau of Reclamation’s Ken Nowak. Nowak made the comments at [a conference](#) in November but did not return a phone message last week to confirm the timetable.

Coal Ash Regulations

The EPA is under a court-ordered December 19 deadline to finalize regulations for disposing of coal ash, a byproduct of burning coal to generate electricity. Typically stored in slurry ponds, coal ash can contaminate groundwater with mercury and other toxic metals, and devastate rivers and wetlands if the storage ponds fail.

Congress

This week marks the last days of the 113th Congress. The House adjourns December 12, while the Senate schedule is still not final.

Irrigation Water

The **public comment period closes December 15** for the Food and Drug Administration’s new rules on [the use of irrigation water to ensure food safety](#). The proposal sets limits on the microbial content of irrigation water and could force farmers to use more groundwater than canal or river water. The rule has been criticized by farm groups and scientists alike for lacking scientific rigor. Comments can be submitted at www.regulations.gov, referencing docket number FDA-2011-N-0921.

Chicago-Citywide American Indian Education Council via Carla Hopkins

If you ever had a question about Native American in Chicago, watch this video for a brief summary. Feel free to contact us if you want more information.

CHICAGO HAS ALWAYS BEEN INDIAN COUNTRY

This is "CHICAGO HAS ALWAYS BEEN INDIAN COUNTRY" by Dorene Wiese on Vimeo, the home for high quality videos and the people who love them. vimeo.com/By DoreneWiese

NATIONAL ASSOCIATION OF TRIBAL HISTORIC PRESERVATION OFFICERS

Announcing New NATHPO Website Dec. 8, 2014

We’ve been hard at work crafting the new NATHPO website. Our first site debuted in 2002, which was completely refashioned in 2007, and today we bring you the 2014 version of sharing information. Our major goals are to create both a useful and an easy-to-use experience for our community and constituents. Although there are a few pages on this site that need updating, we are rolling out the new version now because of the great demand for current THPO contact information. www.nathpo.org

Massachusetts Becomes First State To Fund Music Education Inspired By El Sistema

The El Sistema is a rigorous, free music-education program and philosophy founded in Venezuela. artery.wbur.org | By Andrea Shea



MOSES ON THE MESA with الشيخة الاولى and Williams Ribeiro de Farias

Blackfeet tribal camp with grazing horses. Montana. Early 1900s. Glass lantern slide by Walter McClintock. Source - Yale Collection of Western Americana, Beinecke Rare Book and Manuscript Library.

Bucky Harjo: One reason to sign the petition I have recently posted another because it is time to STOP land grabbing from Native Lands or swapping, we know how that goes. We must stop The land swap bill, called **The Southeast Arizona Land Exchange And Conservation Act Of 2013 (H.R. 687)**, was attached as a rider To the annual must pass National Defense Authorization Act (NDAA) Along with several other land related bills. Hell to the NO John McCain!

Resolution Copper Mining Method

Resolution Copper will use the panel caving mining method, a variation of block caving to break up the underground ore. This technique uses gravity primarily... youtube.com

"Money appropriated for the Pell grant program this year would fall \$303 million, or 1.3 percent, to \$22.5 billion, according to a proposal first introduced over the summer by retiring Sen. Tom Harkin (D-Iowa). Most of those funds would instead be used to pay private contractors that

collect borrowers' monthly student loan payments. Harkin has defended the move as necessary."
ANYBODY CARE?



Diné Designer Irene Begay's Dazzling Dresses

I wish I had one of these dresses when I was going to prom! Check out designer Irene Begay's fabulous dresses she creates by weaving traditional...
www.powwows.com

Living Traditionally: Chickasaw Bead Artist Courtney Parchcorn

In this video from Chickasaw.TV, Courtney

Parchcorn explains how her artwork helps her get in touch with her history, and how that understanding of where she came from helps her ...

Read more: <http://www.powwows.com/2014/05/06/dine-designer-irene-begays-dazzling-dresses/#ixzz3LN9vJMft>

Tribes warned about misspending of federal health care money

The Office of Inspector General at the Department of Health and Human Services is taking a close look at tribal spending. indianz.com

Te Kaea's video: **TE MATATINI 2013 - Te Waka Huia.**

Congressional Leaders Agree To Cut Aid To College Students To Pay Student Loan Contractors

House and Senate leaders have agreed to cut funding for the nation's largest source of grants for college students to pay student loan contractors, according to... huffingtonpost.com

California Racial Mascot Act

California has put forth AB 30 The California Racial Mascot Act which proposes to ban offensive Native Mascots and names in 4 California High Schools. While not a solution it is a start. People are encouraged to research the act: http://www.leginfo.ca.gov/pub/15-16/bill/asm/ab_0001-0050/ab_30_bill_20141201_introduced.html

To contact the bill author who wants to know your opinion please feel free to write:

The Honorable Assembly Member Luis Alejo

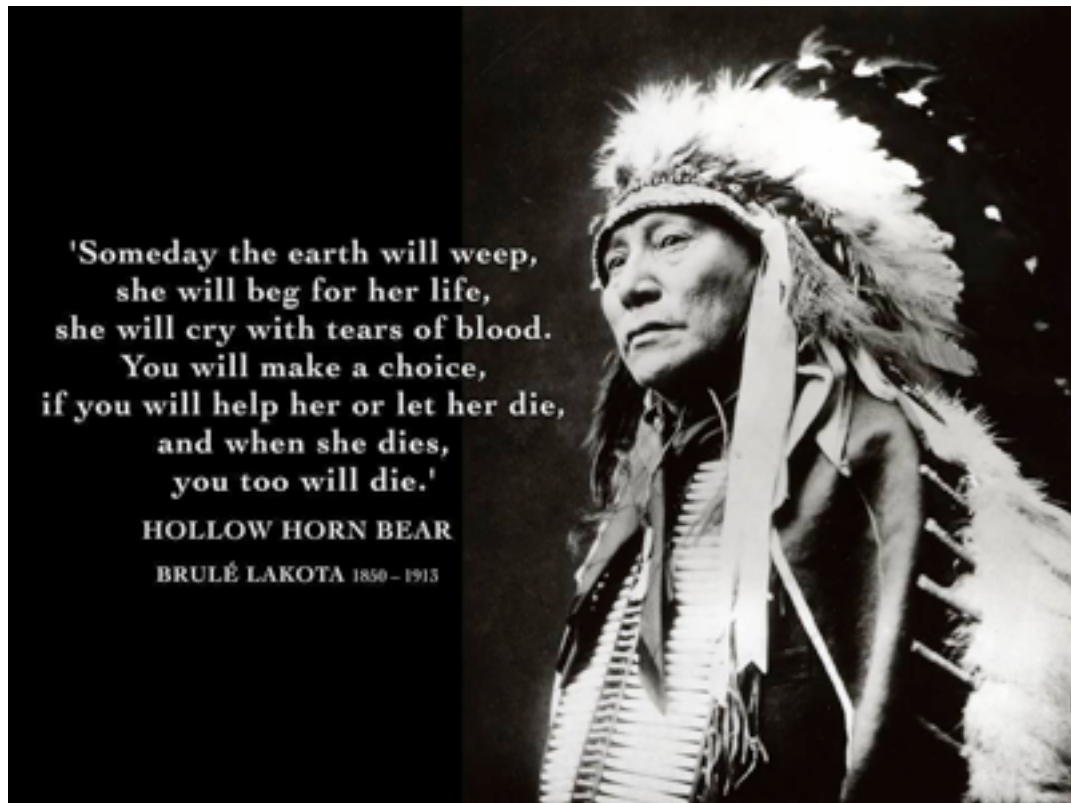
P.O. Box 942849

Sacramento, CA 94249-0030

Oklahoma City School Board votes to dismiss 'Redskins' nickname

The Oklahoma City School Board voted unanimously Monday night to stop using the nickname "Redskins" for the Capitol Hill High School mascot. newsok.com

Elveda Martinez shared Stacey Burns's post.



I think
local
tribal
people
need to
continue
to be
educated
on what
the Forest
service
has
planned.
Needs to
be some

consultation with our tribes. If they had some tribal people on staff maybe they would have come up with a good plan. Not good to disturb old campsites.

[Stacey Burns](#) added 15 new photos — with [Miranda Greene](#).

Today a team of **concerned Paiute Traditionalists presented to the tribal leaders** present at the ITCN annual Conference about the cutting of our Pine nut trees. They presented UN Declaration on the rights of Indigenous that were being violated by the US Forest Service.

The cutting of our sacred pine nut trees in Sweet water were all in the name of the Sage Grouse. In trying to save the sage grouse they have destroyed its habitat and created a fire hazard. The pictures below were taken April 20, 2013, the US forest service was set to cut more trees down two days later. And now still today they have heavy machinery on site ready to cut in another area of our sacred Sweet Water Mountains.

Our team expressed our concerns and were met with huge support by our leaders. There will be a resolution drafted to protect our sacred way of living, our substance as Native people shall be upheld and protected.

Thank you to all who have already signed the petition to save our Pine Nut trees.

Pesayoo Mu to our team:

[Gracie Numugrace](#) [Vernon Rogers](#) [Josh Dini](#) Patty Bayse

[Yosemite Indian remembrances - Harold Miller - Paiute](#)

Paiute Native American Indian elder Harold Miller remembers and talks about the early days for the Paiute Indians around Yosemite, Mono Lake, Lundy Lake and ...youtube.com

[The American Indians's video.](#)

Russell Means speaks truth.....powerful words..

[A Message From Russell Means 04:33](#)