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The Oregon State University Extension Service staff is devoted to extending research-based information from OSU to the people of Warm Springs in agriculture, home economics, 4-H youth, forestry, community development, energy and extension sea grant program with OSU, United States Department of Agriculture, Jefferson County and the Confederated Tribes of Warm Springs cooperating. The extension service offers its programs and materials equally to all people.

Internet address: <http://www.orst.edu/dept/wsxt>

## The Clover Speaks

**Arlene Boileau 4-H Agent  
And Minnie Tulalaku 4-H Program Assistant**

Dates of up coming events: every Wednesday after school 4-H activities at the Community Wellness Center in Carol Allison room from 3:30 PM to 5:30 PM.

**Warm Springs 4-H Cultural Enrichment Camp at Peters Pasture.**  
Session I, Grades 2<sup>nd</sup> - 5<sup>th</sup> July 29<sup>th</sup> August 4<sup>th</sup>  
Session II Grades 6<sup>th</sup> - 9<sup>th</sup> August 5<sup>th</sup> - August 11<sup>th</sup>

**Fiddle Diddles** A no-bake cookie that always turns out. **Chocolate-flavored and nutty. Butter or hard margarine 1/2 cup. Granulated sugar 2 cups. Milk 1/2 cup Cocoa 6 tbs. Quick cooking rolled oats 3 cups (not instant). Medium coconut 1/2 cup. Chopped walnuts 1/2 cup. Salt, just a pinch. Vanilla flavoring 1 tsp.**

**You Will Need:** A large saucepan, measuring cups, measuring spoons, a mixing spoon, a hot pad and wax paper on a cookie sheet. **A.** Put the butter or margarine sugar and milk into the saucepan. Heat on medium heat, stirring often, until it comes to a boil. Remove the pan to the hot pad (use a potholder). **B.** Add all of the remaining ingredients. Stir well. Drop by rounded teaspoonfuls onto the wax paper. Cool completely. Store in a container with a lid with wax paper between the layers. Makes about 40 cookies. Also enjoy your cookies, with a glass of milk or juice

## Natural Resources Notables Wind and Weather



People living in the middle latitudes know that northerly winds in the winter freeze you all the way through. On the other hand, a sudden change to a southerly wind can bring some warmer conditions. You might have noticed that when the winds switch from

southerly to easterly direction, stormy weather soon follows. In contrast, a change in wind direction from the southwest to the northwest is usually followed by clearing skies. So how are the winds and the weather related?

Modern weather forecasters use high speed computers and lots of training to observe and predict the weather. Barometric pressure and wind direction are the two most significant elements in this process. Anticyclones (high pressure cells) are associated with clear skies, and cyclones (low pressure cells) often accompany clouds and rain or snow. So, by looking to see if the barometer is rising or falling, or steady, can give some indication of what direction the weather is headed. For example, rising barometric pressure indicates the approach of a high pressure system and maybe some clearing weather.

Forecasters look at wind direction because they are concerned with circulation around storm centers.

In cyclones (lows), changes in wind direction that occur with the passage of warm and cold fronts are useful in weather prediction. Specifically, with the passage of a cold front, the wind shifts from southwest to northwest. In nautical terms this clockwise wind shift is called "veering." Clearing conditions normally follow the passage of either front, so veering winds are indicators of improving conditions.

The area in the northern portion of the cyclone will experience winds that shift in a counter-clockwise direction - or "backing" winds. Backing winds indicate cool temperatures and continued stormy weather.

So, how is the wind blowing for you today?

## Stockman's Roundup: Las Vegas Water



As the Boeing 757 rounded the curve over the southwest edge of Mount Charleston and into its descent down to the Las Vegas Valley, my thoughts quickly turned from my upcoming meeting to a money making endeavor. Water distribution systems! I could own this plane!

Having never been to Las Vegas before, I was not prepared for the parchedness of the valley nor its population density. Upon further reflection, I recalled that Nevada is one of the fastest growing states in the union, due mostly to the growth of Las Vegas. The conference I attended included a brief visit from a representative of the Southern Nevada Water Authority, whose topic paralleled much of Dr. Warkentin's discussion of the Willamette. Her lecture also included a synopsis of Nevada water history. Briefly, in the 1920s, Nevada was grateful for the 300,000 acre-feet of Colorado River water it was allotted under the Law of the River. Back then, valley residents primarily used the natural spring flows that formed the Las Vegas Springs as its major water source. And as

Dr. Warkentin pointed out, allocations were not stretched to the point that they are today.

The Law of the River regulates the use of Colorado River water and the operation of its dams. In the 1800s, states diverted water from the Colorado River and its tributaries without restrictions. As the diversions increased, a long battle over apportionment evolved. Today, the Colorado River is probably the most controlled, controversial and litigated river in the world.

In 1922, the states negotiated the Colorado River Compact, which divided the states into two basins: upper and lower — and apportioned 7.5 million acre-feet per year to each basin. The compact also referenced Mexico's right to the Colorado. In 1944, the United States signed a water treaty in which it agreed to deliver an annual quantity of 1.5 million acre-feet of water annually to Mexico.

The Colorado River Compact also provided the legislation to harness the river. Congress passed legislation to authorize building Hoover Dam. Completed in 1935, the dam was the first giant step toward controlling the rampaging river.

Today, 300,000 acre-feet is not a big figure. Although the SNWA can stretch its allocation with return flow credits and groundwater use, the Authority also is looking at other long-term solutions and resources to support its growing community. Southern Nevada receives about 4 inches of rain each year. This amounts to approximately 3,000 acre-feet of surface water runoff, flowing through the valley to Lake Mead via the Las Vegas Wash. Because the Las Vegas Valley is so large — 1,600 square miles — and it doesn't rain very often, facilities to capture this volume of water don't warrant the expense.

So, water distribution systems in Southern Nevada would definitely make sense for anyone with a few dollars to invest. Unfortunately for me at the moment, I am spending mine on pursuing a Master's Degree!

## Home Sweet Home by Bernadette Handley

Having trouble awakening in the morning or being productive in the evenings at home? The hours of daylight are less and much of our time after school or work is spent "in the dark". Granted, we can not change the exterior lighting to make us feel more alert or more awake. But...we can lighten up the inside of our home.

Regardless of your circumstances, you can lighten up your home considerably with the aid of several optical illusions and color changes. Focus on your light sources. Are they bright enough? Replacing the light bulbs with a higher wattage bulb (or wiping off the dust) may make a dark room much brighter. Are the lampshades opaque or dark? Using a lighter or transparent shade may help. You may also consider a lamp that casts the light up to the ceiling and reflects it throughout the room. Where is the source of the light? Is it from the ceiling or placed on a low end table? Placing a lamp on a higher table or stand will enhance the brightness. Be mindful of where you place lamps so that pets or small children can not knock them over.

White paint is another way to lighten up a room. It allows you to decorate or furnish the room in many different styles and it looks clean and bright. If bright white seems too light, try a lighter shade of white, like eggshell or beige or tint with a coordinating color for the rest of your house. Be careful in your selection so the tint does not overpower! (Once I painted my bedroom yellow and it turned out to be much brighter when it was all finished. I was able to tone it down luckily with some graphics and wall hangings.)

No time to paint? How about a light colored wall hanging (picture or poster)? Are your drapes dark and heavy? Hang simple drapes over the windows or use the light blinds.

Consider changing your furniture. Lighter fabric may brighten things up a bit. Keep in mind though, if you have pets, it may be difficult to keep clean (With our two black dogs and three black cats at home, I know it can be a chore!). If the finances are tight, consider slipcovers or make your own. They are

much less expensive and allow for more options for "redecorating".

If you've been thinking about replacing your countertops and other work surfaces, choose lighter shades. Pale colors enhance the brightness of your room while reflecting light from your work surfaces. If a kitchen remodel is not an option, try using linens to brighten up the table or work area. Another easy solution to your problem is a mirror. A large mirror makes the room appear larger and it reflects the light to enhance the brightness of the room.

If coming home to the "dark" is something you don't look forward to, invest in automatic timers for inside and out. Plug the timer in and VOILA! Your home will be light and bright when you arrive.

How do you know if a change would make a difference for you or your home? Take the time to look at each room and assess the brightness of your living space. Small inexpensive changes can make a big difference in your home and in your productivity.

## Volunteers needed

Oregon State University Extension is recruiting volunteers to participate in the Family Community Leadership program. Family Community Leadership (FCL) is an Extension volunteer program which focuses on leadership, public policy and group process.

FCL teams are active in 24 Oregon Counties with goals for educational improvement increased participation in public affairs and strengthened effectiveness for community leaders. The partnership of volunteers and OSU Extension staff offer workshops and leadership services of local interest and concern. All but one of Oregon's 36 counties have participated in the FCL program. Teams from

Oregon Soil and Water Conservation Districts and Oregon Commission on Children and Families have also participated in the leadership institute in past years. About 20 percent of the participants are high school students from around the state. Evaluations have show that youth and adults enjoy working together on leadership activities.

Four applicants selected from Jefferson County will join approximately 100 others from around the state at the FCL State Training Institute which will be held March 12 - 15, 2001 along the beautiful Oregon coast in Newport at the Holiday Inn.

In exchange for the training, each team

member pledges 200 hours of payback on project activities. There is a \$100.00 registration fee for which participants receive a comprehensive OSU Extension Leadership Training Manual. Lodging and group meals at the State Training Institute are paid for.

The FCL program is open to anyone interested in leadership training for community involvement, regardless of age, sex, race or religion; applications will be accepted until January 29, 2001. Persons interested in an application form or more information may contact Bernadette Hoyer, Family and Community Development Agent, at Warm Springs OSU Extension office (541)-553-3535.

## Attendance reported by Liaison of Jefferson County Middle School

Attendance Liaison, Butch David, reports the Native American Attendance for the 1<sup>st</sup> Trimester at the Jefferson County Middle School. The first trimester began September 5 and ended December 1, 2000.

There are a total of 413 Native American students enrolled at the Jefferson County Middle School.

Perfect Attendance  
5<sup>th</sup> Grade  
Jaime Rae Bagley  
Atcity Begay  
Destry Begay  
Kip Culpus  
Freddy Hernandez

Sundown Jackson-Hagedorn  
Kristy Johnson  
Victoria Katchia  
Amy Martinez  
Hazel Martinez  
Ronald Smith  
Aaron Thompson  
Jessica Tufti  
Cameron Wallulatum  
6<sup>th</sup> Grade  
Evelyn Aguilar  
Jessica Arthur  
Jerald Cook  
Rosetta Danzuka  
Mary Hoptowitz  
Shanell Kalama-Aguilar

Derek Kelly  
Joshua Moody  
Armando Ribiero  
Cameron Smith-Lucero  
Cody Switzler  
Bobby Thurby  
Wilma Tufti  
7<sup>th</sup> Grade  
Matthew Alonzo  
Blaine Begay  
Desirae Boise  
Simone Danzuka  
Melissa Debiaso  
Roosevelt Heath, Jr.  
Rodney Katchia  
Chelsea Manion  
Truman Merrifield  
Logan Miller  
Verna Mitchell  
Anthony Torres  
Sonny Yahtin  
8<sup>th</sup> Grade  
Jacquelyn Moody  
Myron Northrup  
Larry Switzler  
Tiyanna Tuckta

Excellent Attendance (absent 2 days or less)  
5<sup>th</sup> Grade  
Keavan Adams  
David Debiaso  
Douglas Hagadorn  
Aaron Hart, Jr.  
Rachelle Herkshan  
Orlando Johnson  
Rhett Johnson  
Rolin Morningowl

Evelyn Polk  
Joshua Polk  
Byron Scott  
Alyssa Selam  
Star Simtustus  
Kyle Smith  
Crystal Thomas  
Josiah Thompson  
Nelson Wolfe  
Keshia Yaw  
6<sup>th</sup> Grade  
Shirelle Adams  
Clara Arthur  
Jeremy Badoni  
Tonya Boise  
Gerald Cardenas, Jr.  
Nancy Charley  
Jonathan Culpus  
Addie Estimo  
Chance Heath  
Alaina Johnson  
Levi Kalama  
Titus Kalama  
Nicolas Katchia  
Aldwin Keo  
Aaron Miller  
Kurtis Satanus  
Sissiley Scott  
Elizabeth Simtustus  
Jacoba Smith  
Ryan Smith  
Terri-Jo Squiemphen-Yazzie  
Joyce Squiemphen  
Orlando Tewee  
Justine Wallulatum  
Joanna Williams  
Lindsay Yallup  
Shekinah Yubeta

7<sup>th</sup> Grade  
Georgianna Aguilar  
Pauline Culpus  
Tyler Ellsbury  
Perry Greene, III  
Vern Heath  
Vanessa James  
Rayann Katchia  
Elijah Kibby  
Erickson Lucei  
Shanina Made  
Gabriel Manion  
Julia Simtustus  
Ryan Smith, Jr.  
Wesley Spino  
Coby Tewee  
Trevor Tewee  
Jermaine Tuckta  
Julian Wallulatum  
Clinton Warner  
Lucy Wolfe  
8<sup>th</sup> Grade  
Robbie Bennett  
Donald Brisbois  
Aaron Caldera  
Leland George  
Eustolia Gurrola-Smith  
Steven James  
Monique Johnson  
Edward Lucei, Jr.  
Aaron Main  
Julius Smith  
Jaylin Suppah  
Wayce Wallulatum  
Jayce Wallulatum  
Leean Wolfe

## Small Business Center to hold classes

The Warm Springs Small Business Center will hold four Thursday evening sessions on "Developing Your Own Flexible Spending Plan" beginning Feb. 1.

Classes will run from 6 to 8 p.m. at the Small Business Center, 1134 Paiute St. The classes are presented by the Central Oregon Community Action Agency Network (COCAAN) and Oregon State University Extension. Light snacks will be provided.

Sessions will include:

Feb. 1: Information on Matched Savings Program and what it takes financially to own your own home.

Feb. 8: Making choices and tracking your spending, and using credit wisely.

Feb. 15: Basics of banking. (Class will be held at US Bank in Madras.)

Feb. 22: Making ends meet and stretching and spending your dollars.

For information, call Trudy Thompson at the Small Business Center, 553-3592, or Bernadette Hoyer at OSU Extension, 553-3535.

## Attendance statistics

	5 <sup>th</sup> Gr.	6 <sup>th</sup> Gr.	7 <sup>th</sup> Gr.	8 <sup>th</sup> Gr.
Perfect Attendance	14	16	13	4
Absent 1-2 days	17	27	20	14
Absent 3-5 days	34	27	18	26
Absent 6-10 days	29	20	24	12
Absent 11-15 days	11	9	6	12
Absent 16-20 days	5	2	5	8
Absent 21+ days	6		7	4
Absent 30+ days	2			2
Dropped lack of attendance	1			3
Moved away	1	1	2	
Boarding School	3			
Moved back here	2	1		
Home schooled			1	5
Passed away				1