



## EL DORADO HILLS, CA

- LAKEHILLS ESTATES - A FIREWISE COMMUNITY
- SOUTHPOINTE - A FIREWISE COMMUNITY
- LAKERIDGE OAKS - A FIREWISE COMMUNITY

March 2017

# Lakehills Fire Safe Council Community Bulletin

Promoting Fire Safe Communities

### Next Council Meeting

Tuesday, March 14

7:00 PM

EDH Fire Department  
Main Fire Station #85

El Dorado Hills Blvd. and  
Wilson Blvd.

### First Meeting of 2017

#### Come Join Us!

Our theme for the March 14th meeting is "DAMS"! With Oroville in the news recently and Folsom Dam being so close, do you know their history?

We hope to see you for this casual evening of interesting facts ... with time to socialize with neighbors.

Discover the Fire Safe Council. Powered by Volunteers!

### Reporting Numbers to Call

Report non-desired activities in a proper and timely fashion.

- Report illegal parking or traffic problems to the Highway Patrol (916) 861-1300.
- Report illegal parkland activities to State Parks (916) 358-1300.
- Report illegal activity on non-park properties to the Sheriff (530) 621-6600.

## NAR vs. ENSO - Which is most important? - Jim Moitoza

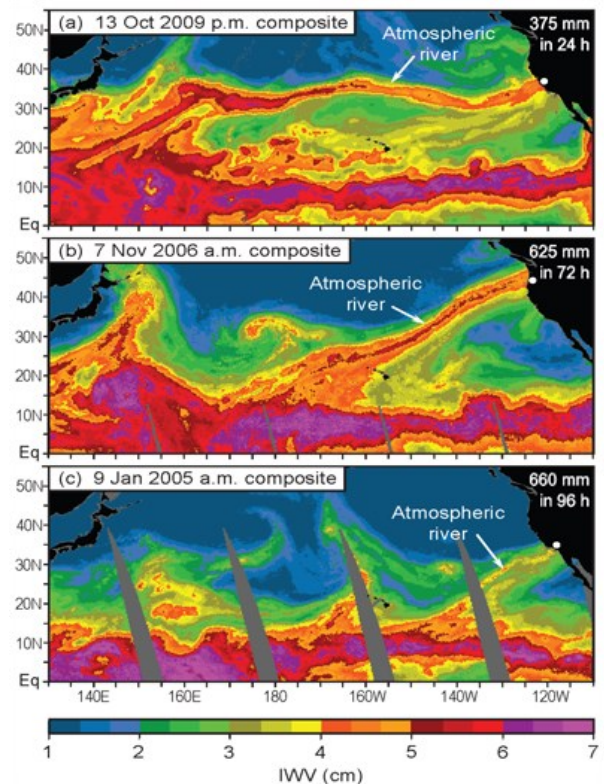
The first international conference studying AR, "Atmospheric Rivers", was just held in La Jolla, CA at Scripps Institute of Oceanography in August, 2016. Among many other matters, this definition was agreed upon:

**Atmospheric river draft definition:**  
A long narrow and transient corridor of anomalously strong horizontal water vapor transport that is typically located in the lowest 3 km of the troposphere and associated with a low-level jet stream ahead of the cold front of an extratropical cyclone. The water vapor in atmospheric rivers is supplied by tropical and/or extratropical moisture sources and atmospheric rivers frequently lead to heavy precipitation where they intersect topographic or other lower tropospheric boundaries, or enter into the warm-conveyor-belt-related isentropic upward air motion. Atmospheric rivers conduct over 90 percent of all poleward water vapor transport in the extratropics in less than 10 percent of the zonal circumference of the globe.

We can all agree that this winter has revealed the importance and dominance of this newly recognized phenomenon.

Wherever this narrow band of precipitation arrives, there are significant impacts: ESPECIALLY if the vertical (North/South) migration stalls over one particular area.

(continued on page 3)



## What Time Is It?

It's Defensible Space Time!

Now is the time to be thinking about what you need to do around your home and property to prepare for those hot summer months to be prepared in the event of wildfire.

With winter and rain still here, it may not be intuitive, but now is the time to be getting tree trimming done, planning for the onslaught of spring weeds, cleaning up debris around the house and lining up hired labor if needed.

Check out the basics with this information: [<CLICK HERE>](#).

Lakehills Fire Safe Council is a community organization. Join and Email us at: lakehillsfiresafecouncil@gmail.com

## Save the Date! Firewise BBQ: May 7th

**Annual Firewise Event will be held on Sunday, May 7th at Lake Forest Park.**

It is going to be a BIG event, just like last year! There will be food, beverages, educational topics, and raffle prizes. This year, the event will team all our member communities. Plan to bring the family and neighbors for some fun and community comradery. This event has grown each year and re-energizes each of us to work as a community to be both Fire Wise and Fire Safe.



## Shaded Fuel Break Work

Vegetation management work within the Folsom Lake State Recreation Area (FLSRA) maintaining and enhancing the established Shaded Fuel Break (SFB) is critical to keep a defensive zone in the event of wildfire. This year's work has concluded and we are pleased to share the most impressive results: **24 ACRES** covered for brush and limbs removal; **18 TREES** - either storm-damaged or downed - removed or treated; **6 TRUCKLOADS** of bulk wood removed and invasive growth of **Scotch Broom treated**. This was only possible due to cooperative partnerships!

This work was funded through a grant partnership between the US Bureau of Reclamation and the California Conservation Corps (CCC). It was executed in cooperation with California State Parks / FLSRA, who also contributed additional and separately funded work. Final totals are not available as of this writing, but as an estimate, the FSC calculates total funding for this work at approximately \$66,000. You will notice the difference when you use the trails!

Our sincere appreciation to the US Bureau of Reclamation, the CCC and California State Parks / FLSRA for the continuing partnership as we work together to protect our communities and all surrounding lands from catastrophic wildfire.

## Chipping Program Suspension - El Dorado County Fire Safe Council

Due to the exhaustion of current grant funding, the EDC Fire Safe Council's free chipping program is suspended. The EDCFSC is seeking additional funding and hopes to restart the program in the near future. Watch the EDCFSC website for future announcements. [<CLICK HERE>](#)

## Countywide CWPP - El Dorado County Fire Safe Council

After 2 years of work and the tremendous effort of many involved, the Countywide (Western Slope) Master Community Wildfire Protection Plan is in final draft form and has been posted to the EDC Fire Safe Council website with each Associate Fire Safe Council having their own section. Our Lakehills FSC section (includes Lakehills, Southpointe, Lake-ridge Oaks and EDH) begins on page 150. Please take a look: [<CLICK HERE>](#). This is a living document and will be updated as each associate council updates their projects and plans.

## Spaghetti Feed - El Dorado County Friends of Seniors

### GOOD CAUSE AND GOOD FOOD:

On Saturday, April 29th, 3:00-7:00 pm, the EDC Fire Safe Council will again participate in the Friends of Seniors annual Spaghetti Feed benefiting seniors in need. EDC Fire Safe Council supports this event to assist seniors in creating defensible space for their home for those who cannot afford to have the work performed or do the work themselves.

Tickets are \$10 per adult, \$5 child under 10. No host bar. Event is at the Mother Lode Lions Hall, 4701 Missouri Flat Road, Diamond Springs, CA. Contact us for tickets or you can contact Friends Of Seniors 530-334-6090 for additional information and assistance. Volunteers to help with the event are requested.



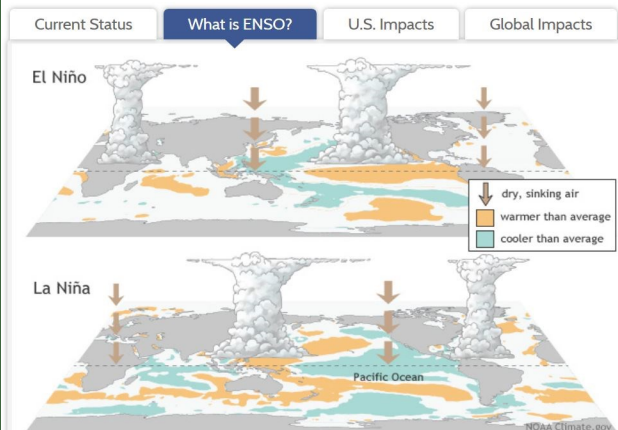
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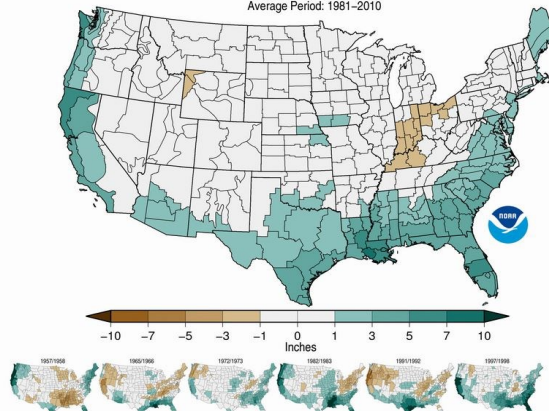
# NAR vs. ENSO - Which is most important? - Jim Moitoza continued

In contrast, the **ENSO** (El Niño Southern Oscillation) uses the surface temperatures of ocean waters at/near the equator to predict weather patterns:

El Niño & La Niña (El Niño-Southern Oscillation)



Strong El Niño Precipitation Departure from Average  
Composite: December-February 1957/1958, 1965/1966, 1972/1973, 1982/1983, 1991/1992, 1997/1998  
Average Period: 1981-2010



The **Strongest El Niño in 100 years** was predicted and measured for the 2015-16 season. However, as the table below illustrates, we stayed in our 4th year of severe drought. Meteorologists are quick to say "we told you so" but I recall the "99% confidence levels" that were quoted from the NOAA, predicting large storms and flooding. So where did all our record rainfall come from? Atmospheric Rivers!  
PRECIPITATION (in inches) @ SACRAMENTO EXECUTIVE AIRPORT

	<u>MONTH</u>	<u>NORMAL</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>+/-</u>	<u>RECORD</u>
MARCH		2.75	0.22	5.07			8.13 (1995)
FEBRUARY		3.47		0.82	8.25	4.78	9.95 (1998)
JANUARY		3.64	T	5.44	9.92	6.28	9.92 (2017)
DECEMBER		3.25		1.75	3.61	0.36	12.64 (1955)
NOVEMBER		2.08		1.57	1.12	-0.96	7.41 (1970)
OCTOBER		0.95		0.12	4.72	3.77	7.51 (1962)
SEPTEMBER		0.29		0.04	T	-0.29	2.78 (1989)
TOTAL		16.43		14.81	27.62		(Our weather station in EDH = 34.32")

## Nothing serious...



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