

Wildland Fire Lessons Learned Center

www.wildfirelessons.net

February 23, 2015

To: Dan Smith, Chair, National Wildfire Coordinating Group

From: Brit Rosso, Director, Wildland Fire Lessons Learned Center

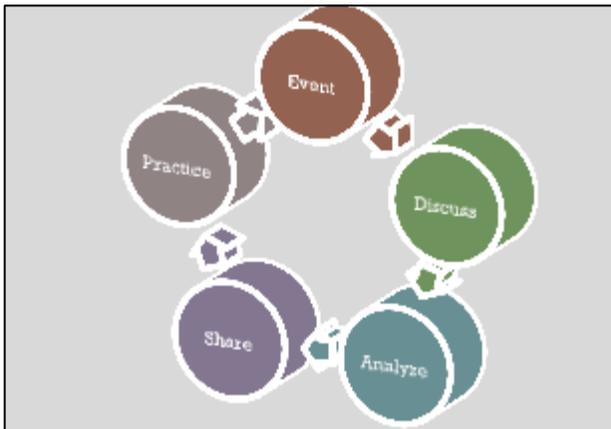
Subject: 2014 Annual Summary of Accomplishments, Wildland Fire Lessons Learned Center (LLC)



Our Mission
*is to promote learning
in the wildland fire service
by providing useful and relevant
products and services that help
to reveal the complexity and risk
in the wildland fire
environment.*

We Continue to Strive to Meet Our Mission

Throughout 2014, the Wildland Fire Lessons Learned Center (LLC) staff continued to strive to meet the intent of its overriding mission statement.



Reading is not learning. Do more than read this document. Ask those around you what it means; tell them what it means to you.

Based on this information, identify one change you will make: And Practice It.

Diagram and message from the introductory page of the 2013 Incident Review Summary: <http://bit.ly/ReviewSummary2013>.

These efforts included maintaining and updating the LLC's Incident Review Database (IRDB): <http://www.wildfirelessons.net/irdb>. The intent of this database is to improve safety, performance, efficiency and organizational learning throughout the entire wildland fire community. During 2014 we added new reports relating to 64 different incidents.

Annual Incident Review Summary

In addition, once again last year we produced and published the annual Incident Review Summary which analyzes and summarizes new entries in the Incident Review Database:

<http://bit.ly/ReviewSummary2013>.

The report's overall intent is to provide topics for crew training and discussions. Last year's Incident Review Summary informed how many incidents involved the successful use of Automatic External Defibrillators (AED). It also pointed out how several incidents occurred during Physical Training. The report asks: "Do you have an emergency plan for PT? Do you have detailed discussions about what exactly will happen if someone goes down on a trail run?"

The section on Medical Incidents informed that Cardiac, followed by Rhabdo and Compartment Syndrome, were the three main causes of these events. The Incident Review Summary's helpful information included a section on "Entrapments by Time of Day" that reflects 21 years of entrapment data.



Two More Chains Continues to Share and Analyze Information

In 2014, the LLC continued to produce its popular quarterly publication *Two More Chains*—committed to sharing and analyzing relevant information with this country’s wildland firefighters.

Our internal website user statistics indicate that during 2014 *Two More Chains* issues were downloaded more than 21,000 times.

<http://bit.ly/2morechains>

Getting Lessons Directly to the Field

During 2014, the LLC staff assisted with a variety of speaking engagements and getting lessons directly to operators in the field through multiple venues, including:

- ❖ Operational Fire Refresher for the Interagency Southeast Coordination Zone of Arizona.
- ❖ Two national FLA Workshops “Learning from Unintended Outcomes” in Portland, Ore. and Tucson, Ariz.
- ❖ Presentation and support to the Arizona Wildfire Academy.
- ❖ Presentation to the Central Florida Prescribed Fire Workshop.
- ❖ Informal crew discussion with the Columbine Wildland Fire Module.
- ❖ Worked on the “Can’t Talk to Medivac Ships” issue with the NWCG Interagency Emergency Medical Services Committee.

The LLC Continues to Assist with Incident Reviews

Throughout 2014, the LLC staff assisted with a wide variety of incident reviews, including:

- ❖ [Rim Fire Burn Injury FLA](#)
- ❖ [Beaver Fire Entrapment FLA](#)
- ❖ [Swamp Buggy Fire FLA](#)
- ❖ [Upper Lyons RX Entrapment FLA](#)
- ❖ [Double Diamond Fire FLA](#)
- ❖ *Firefighter Fall FLA*
- ❖ *Silver Fire Programmatic Cost Fire Review*
- ❖ *Doce Fire Programmatic Cost Fire Review*

In addition, the LLC staff helped to support the annual South Canyon Staff Ride with the Redding Hotshot Crew.

Advances in Fire Practice

In 2014, the LLC’s [Advances in Fire Practice](#) (AFP) branch hosted—in combination with the Joint Fire Science Program and the International Association of Wildland Fire—14 webinars attended by a total of 1,970 people.

Over the course of the year, the availability to watch recordings of these webinars increased in popularity, with a total of 3,237 “views”. All webinar recordings are available at: <http://www.wildfirelessons.net/resources/advancesinfirepractice/webinars>.

The October 2014 webinar “The Effectiveness of Suppression Resources in Large Fire Management” by Dave Calkin, Research Forester with the U.S. Forest Service’s Rocky Mountain Research Station, had the highest attendance of any LLC webinar of the year. A total of 135 people viewed the webinar live; another 1,000 people watched the webinar’s recording. This popular webinar has created a great deal of discussion within the wildland fire community about large fire management and efficiencies.

In addition, throughout 2014, the LLC’s Advances in Fire Practice webpage continued to provide articles in fire science, including an original article published by Stephen Pyne on the growth of the San Carlos Apache fire program, as well as an article that featured the use of “remotely piloted aircraft” (RPAs) on the Rim Fire. Five original articles were published on AFP during 2014. AFP also continued to serve as a repository for new postings and links to emerging fire science and practice.



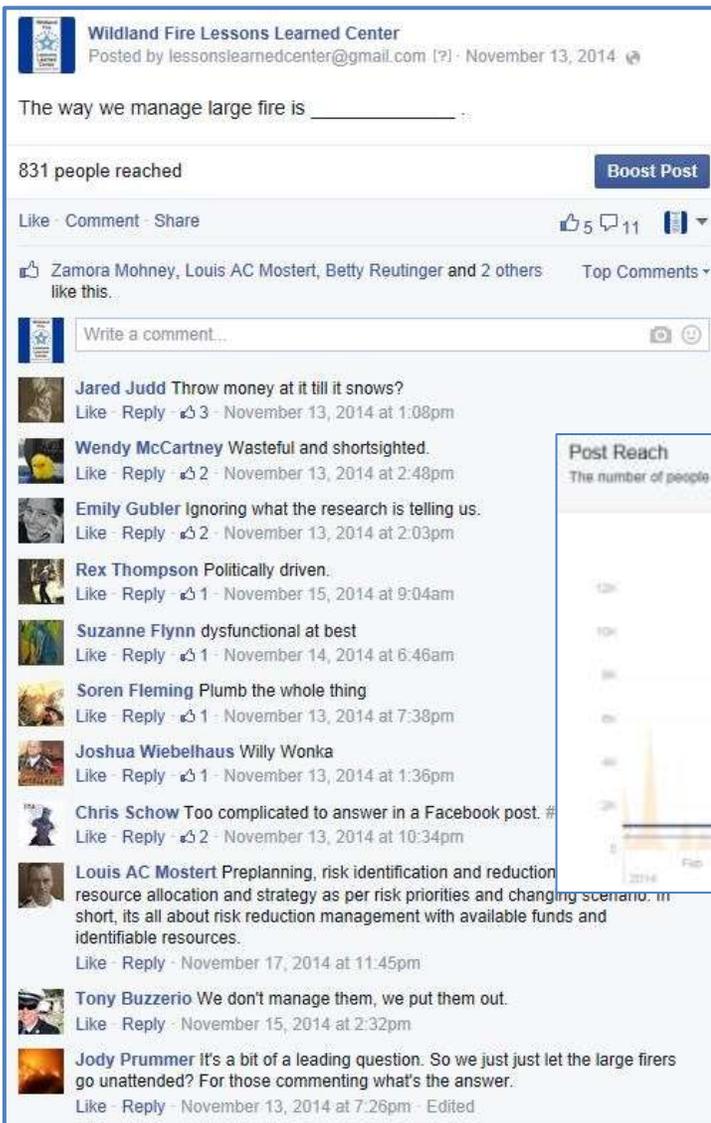
LLC YouTube Channel Receives 180,989 Video Views in 2014

During 2014, the LLC’s always-growing [YouTube Channel](#) welcomed an additional 571 subscribers, for a total of 1,493 subscribers to our channel. In 2014, our YouTube videos received a total of 180,989 views—for an estimated total of 1,101,575 minutes watched.

“[Firefighters Inside the Iron](#)”—the latest video to be produced and then featured in the LLC’s “[Firefighter: Remember This](#)” video series—reminds firefighters not to treat heavy equipment as if it’s just another machine. The video’s theme reinforces that we need to remember that there’s a human being up inside all that metal. Released last year in March, by the end of 2014, this production had more than 7,700 views. It is available—along with all the “[Firefighter: Remember This](#)” videos—on the LLC’s YouTube channel:

<http://www.youtube.com/user/WildlandFireLLC>

In addition, during 2014, Todd Richardson was featured in a “[Looking Back – Moving Forward: Fire Career Stories](#)” LLC video.



Our New Facebook Focus: Identifying—Not Changing—Perspectives

During 2014, we realized that in addition to sharing information, Facebook is best used to *identify* our various communities’ existing perspectives—not *change* them. This information can then inform other LLC efforts.

We currently have 3,225 Likes.



LLC Twitter Followers Increase

During 2014, another 887 people began following the LLC on [Twitter](#)—for a total of 3,245 Twitter followers.

To date, the LLC has sent out more than 887 Tweets.