

# Lake States Fire Science Consortium

<http://lakestatesfiresci.net>

A JFSP KNOWLEDGE EXCHANGE CONSORTIUM



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volume 2 issue 2

## OUR MISSION

*Accelerate the awareness, understanding, and adoption of wildland fire science information by federal, tribal, state, local, and private stakeholders within ecologically similar regions.*

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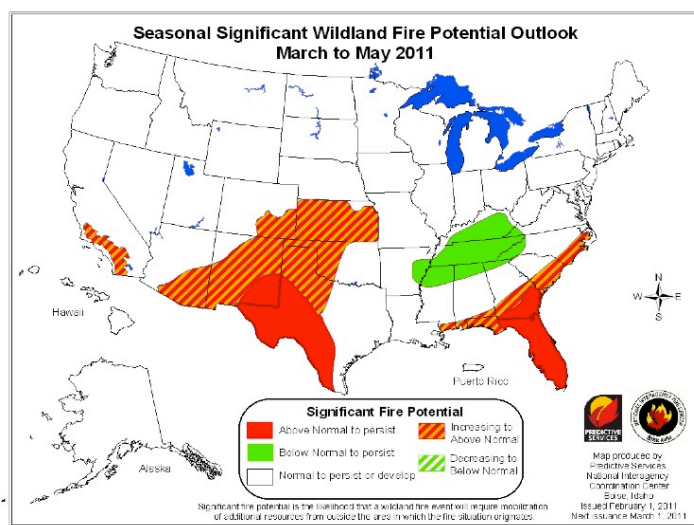
## 2011 SPRING WILDFIRE POTENTIAL OUTLOOK COMPLETED

**Eastern Area  
Coordination Center  
Advises Fire Managers**

The interagency [Eastern Area Coordination Center \(EACC\)](#) [Predictive Services](#) unit recently participated in the 2011 seasonal assessment workshop to identify wildland fire potential in the 20 states of the Eastern Area. The analysis identified no particular overall trend, but reported several significant findings.

“Springtime fire danger will vary day-to-day dependant on short-term weather conditions. Fires will be predominately wind-driven in one and ten hour fuels; heavier dead fuels should not have a significant effect on fire behavior until later in the spring season...”

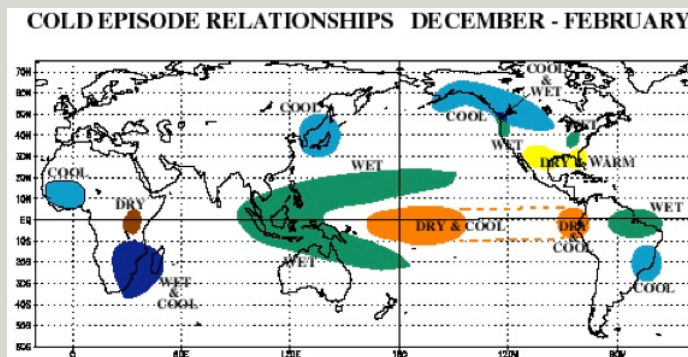
“A later than usual start to the spring fire



season is anticipated across the majority of Minnesota eastward into northern Wisconsin due to above normal snow depths in place toward the end of January.”

As suggested below, “Above normal precipitation trends are forecast [in] the lower peninsula of Michigan into the early spring...due to lingering La Nina ENSO cycle.”

Contact Steve Marien for more info. ([stephen\\_marien@nps.gov](mailto:stephen_marien@nps.gov))



# WEBINAR SCHEDULE

## Wildland Fire and Mercury Contamination

Feb 17, 2011  
10 ET, 9 CT

[\(click to sign up\)](#)

## Web-Based Fire Weather for the Lake States

March 17, 2011  
10 ET, 9 CT

[\(click to sign up\)](#)

## Monitoring Burn Severity [www.mtbs.gov](http://www.mtbs.gov) April 7, 2011 11 ET, 10 CT

[\(click to sign up\)](#)

Look for recorded  
webinars on our web,  
[lakestatesfiresci.net](http://lakestatesfiresci.net)

- Fire in Northern Sedge Meadows
- Ecological Forestry: A Red Pine Case Study (powerpoint only)

**Suggest a webinar topic!**

## Attending Webinars with a Group

After two well attended webinars (Fire in Northern Sedge Meadows and Ecological Forestry in Red Pine Ecosystems), it may be time to reinforce the fact that they can be more effective when you participate as part of a group.

There are a few tips that can help you manage the group setting:

1. Find a room and a table that is sized for your group.
2. Project your computer display onto a screen so that everyone has a good view.
3. Take advantage of the integrated audio (VOIP) feature if you don't have a good conference phone.
4. **Mute** when not talking.

## Audio equipment you should have

Whether you attend alone or participate as part of a group, you may want to have the right equipment to have the best sound quality and opportunity to speak. Who knows, you may conduct your own webinar one day:

1. [Click here](#) to check out information on using the sound capabilities of your computer.
2. In a group setting, a set of external PC Speakers will provide more volume and should plug directly into your computer. A USB microphone provides better quality, but may require administrative rights to your computer.
3. Alone at your desk, use a headset with an integrated microphone.

## Wildland Fire Learning Organization

Lessons Learned Center - <http://www.wildfirelessons.net>  
MyFireCommunity Center - <http://www.myfirecommunity.net>  
MyFireVideos Center - <http://www.myfirevideos.net>

Are you looking for information about managing wildland fires? Do you need a place to share files and maintain ongoing discussions with a group you are working with? Consider the Wildland Fire Learning Organization.

- Check out "Advances in Fire Practice" at the Lessons Learned Center.
- Create a "Neighborhood" at MyFireCommunity





# FLASH

*SCIENCE YOU CAN USE*

## RECENT PUBLICATIONS

- [Synthesis of Knowledge from Woody Biomass Removal Case Studies](#)
- [Upland Oak Regeneration](#)
- [Does It Make Sense to Restore Wildland Fire in Changing Climate?](#)
- [Low Intensity Fire in Eastern White Pine A Supporting Role in Understory Diversity](#)
- [Pre- and post-European settlement fire history of Red Pine dominated forest Ecosystems, Upper Michigan](#)
- [Forecast for the Southern Boreal Forest: An Increasing Incidence of Severe Disturbance](#)
- [Ecological Effects of Prescribed Fire Season: A Literature Review and Synthesis for Managers](#)
- [The Interagency Fuels Treatment Decision Support System](#)
- [The Fire Learning Network: A Promising Conservation Strategy for Forestry](#)

## WEBINAR REFERENCES

- [Fire in Northern Sedge Meadows](#)
- [Ecological Forestry PPT](#)
- [Mercury Contamination](#)
- [Web Based Fire Weather](#)
- [Monitoring Burn Severity](#)

## WORKSHOP REFERENCES

- [Fireline Assessment Method \(FLAME\)](#)
- [Canadian Forest Fire Danger Rating System \(CFFDRS\)](#)
- [Multivariate Statistics Wildlife and Ecology Research](#)
- [Wildland Fire Decision Support System \(WFDSS\)](#)

## OTHER REFERENCES

- [Atlas of Great Lakes Indian History](#)
- [American Indian Use of Fire in Ecosystems Bibliography](#)
- [Investigating Airborne LiDAR Acquisition Intensity Requirements in the Enhancement of Forest Resource Inventories](#)

## CONSORTIA CORNER

### LAKE STATES ANNOUNCEMENTS

- The University of Wisconsin - Stevens Point (UWSP) Fire Crew is sponsoring Basic Wildland Firefighter training in March. [Click here](#) for registration info
- Michigan Fire Learning Network, February 24, Newberry, MI
- MI Prescribed Fire Council Steering Cmte, March 2, Grayling, MI
- Wildland Fire Decision Support Sys (WFDSS) Fire Behavior Tools Workshop in April
- [Fire in Eastern Oak Forests, May 17-19, Springfield, MO](#)

# Meet the Huron-Manistee Wildland Fire Module



The Huron-Manistee NF Wildland Fire Module is a sure sign that fire management in the lake states is maturing. Established in 2006, they received national certification as an interagency resource in November of 2009.

“The purpose of the Interagency Wildland Fire Module program is to conduct operations involving fire use and wildland fire management in the areas of fire monitoring, ignition, holding, and suppression, prescribed fire preparation and implementation support, hazard fuel reduction, and fire effects monitoring.”

Since receiving certification, the Huron-Manistee Module has taken 9 assignments in 7 states, participating in 28 prescribed burns, 30 wildfires, and 12 fuel reduction projects, with an overall impact on nearly 20,000 acres.

They maintain a crew of 10 individuals with a variety of qualifications (Task Force Leader, Burn Boss, Single Resource Boss, Incident Commander, Tree Fallers, and Fire Effects Monitors) and can be ordered with a Dozer or Engine. Cost per day are less than \$3000. They look forward to hosting trainees from cooperating agencies.

Contact Joe Alyea (jalyea@fs.fed.us) or Brian Stearns (bstearns@fs.fed.us) for more information.



## MEMBER INNOVATIONS

## NORTHERN MICHIGAN FIRE LEARNING NETWORK



Fire Learning Networks, sponsored by The Nature Conservancy, are seen as a “promising conservation strategy for addressing complex resource management challenges.” The eastern Upper Peninsula poses just such a challenge, with a rich history of large fire events & low overall fire occurrence, large landowners with a history of cooperation and a shared interest in fire’s role, underfunded prescribed fire programs, and a small, yet dedicated, population of “yoopers” who love their wildland.

Contact Chris Cantway (ccantway@tnc.org) or Paul Gaberdiel (gaberdielp@michigan.gov) for more details about the meeting and opportunities for future cooperation.