

US Forest Service

Caring for the land and serving people



Fire & Aviation Management

Pacific Southwest Region

RO Daily Weather Briefing

June 16, 2016

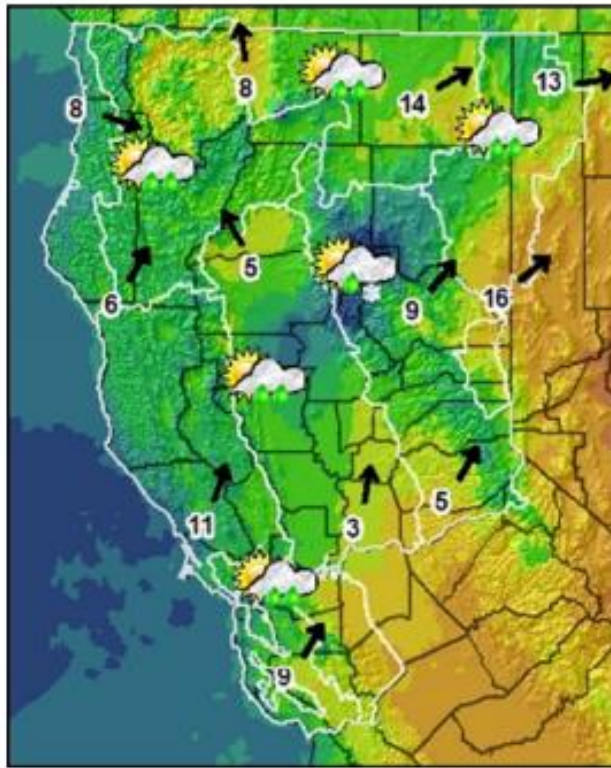
0800

Northern California Daily Outlook



Day 1
Min RH & Afternoon Winds

Valid For: Today



Day 2
Min RH & Afternoon Winds

Valid For: Thursday

Legend:

Minimum Relative Humidity

- 91-100%
- 81-90%
- 71-80%
- 61-70%
- 51-60%
- 41-50%
- 31-40%
- 21-30%
- 11-20%
- 0-10%

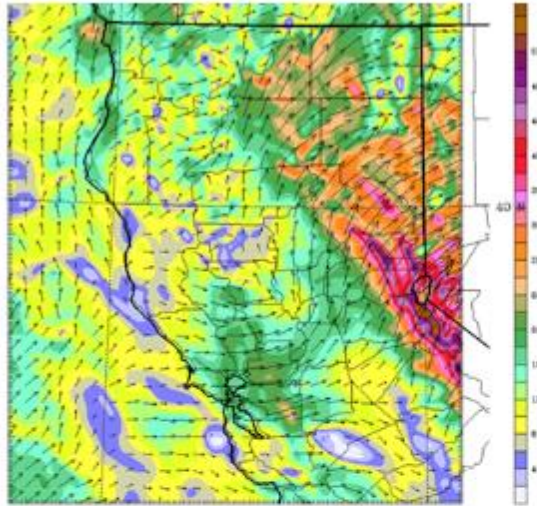
- 11 Wind Speed & Direction

Northern California Smoke Transport and Stability Outlook

Transport Winds

(mph)

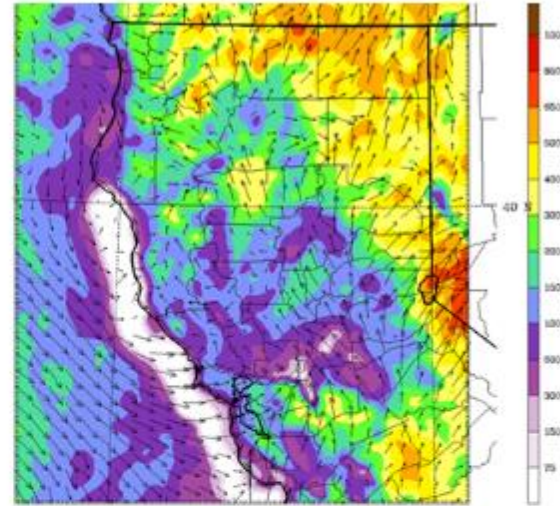
Thursday Afternoon



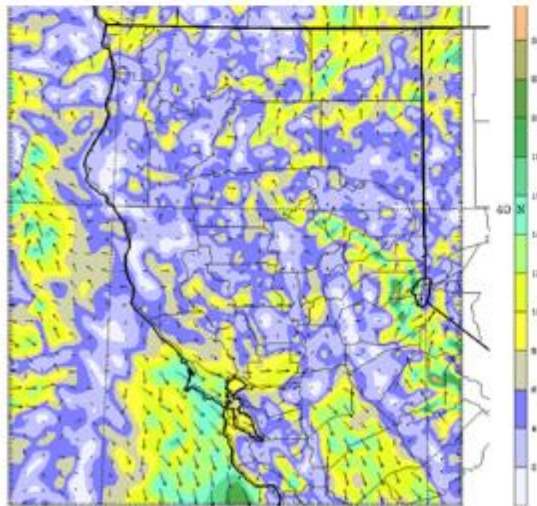
Mixing Heights

(ft AGL)

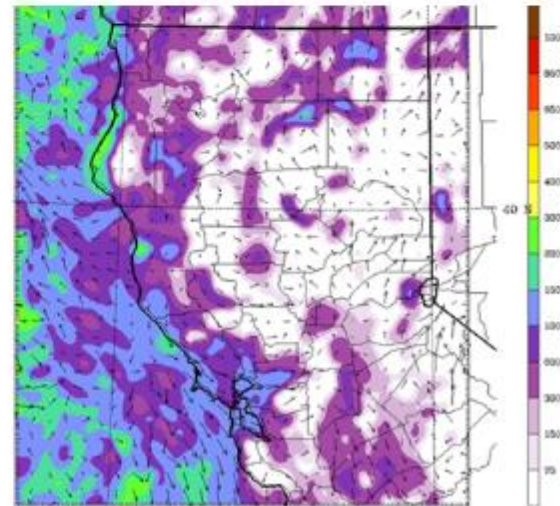
Thursday Afternoon



Thursday Night



Thursday Night



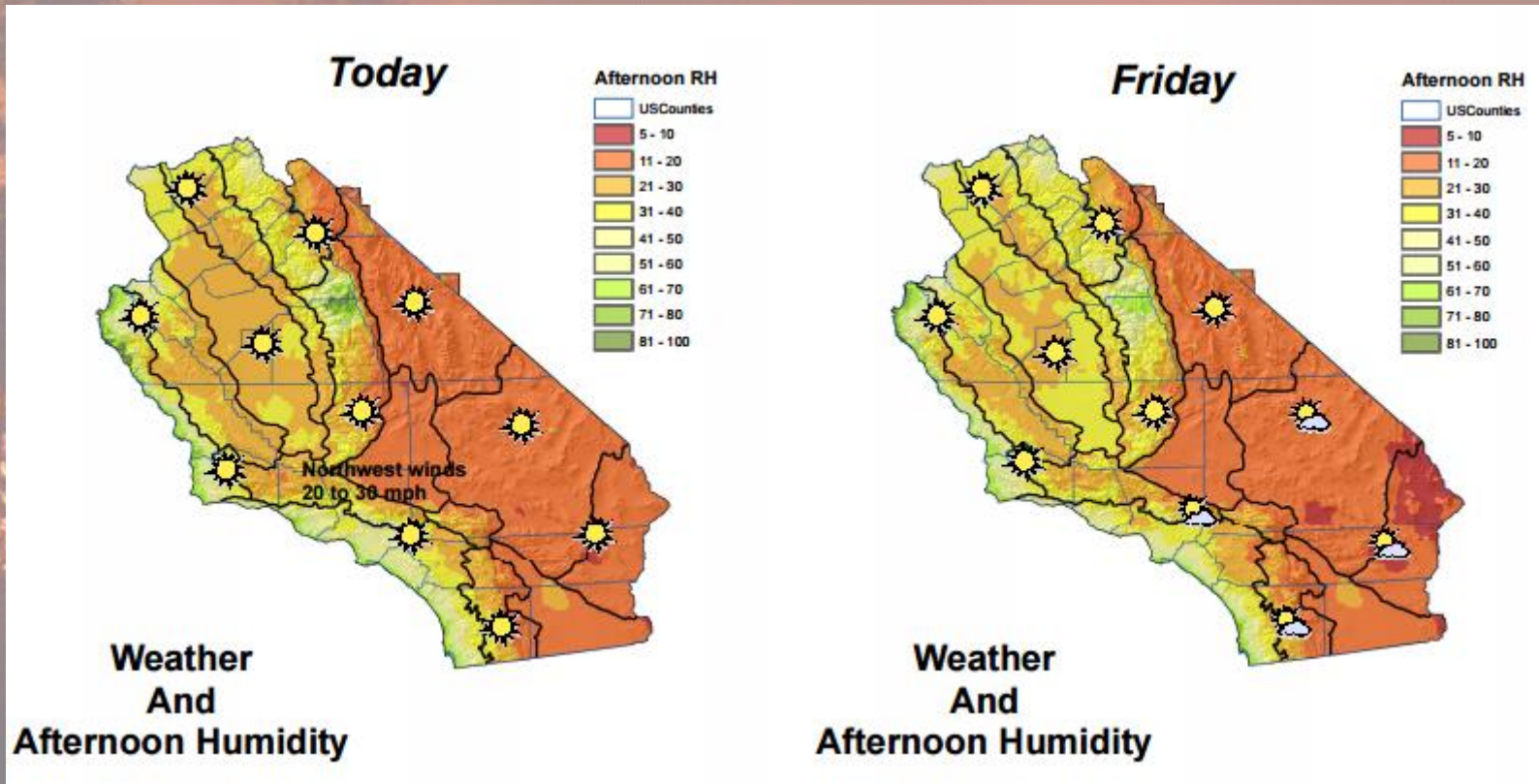
Northern California Weather Briefing

Updated 10 AM Daily (video)



**Northern California
Predictive Services
Weather Briefing**

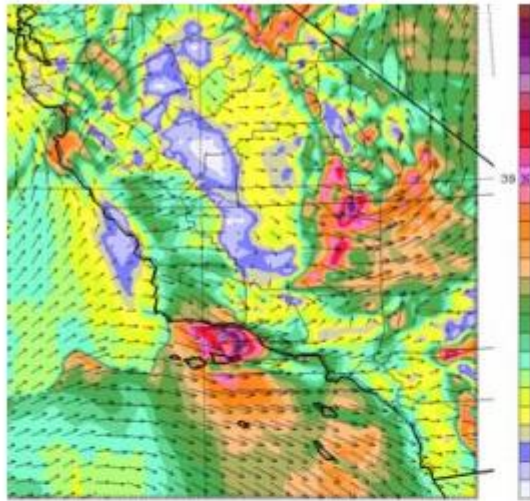
Southern California Daily Outlook



Southern California Smoke Transport and Stability Outlook

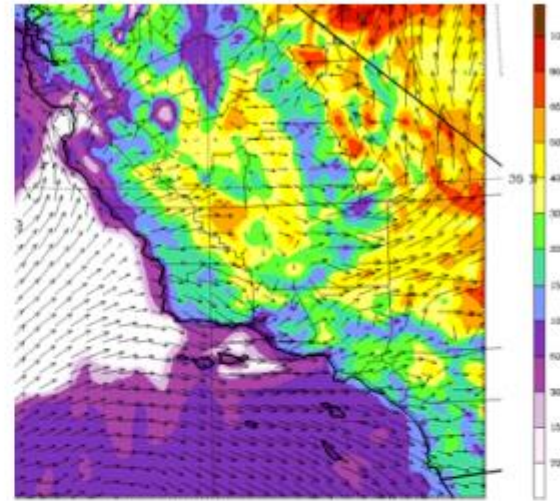
Transport Winds

Thursday Afternoon

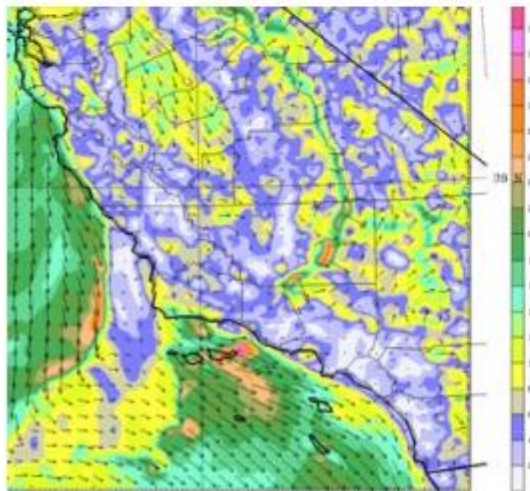


Mixing Heights

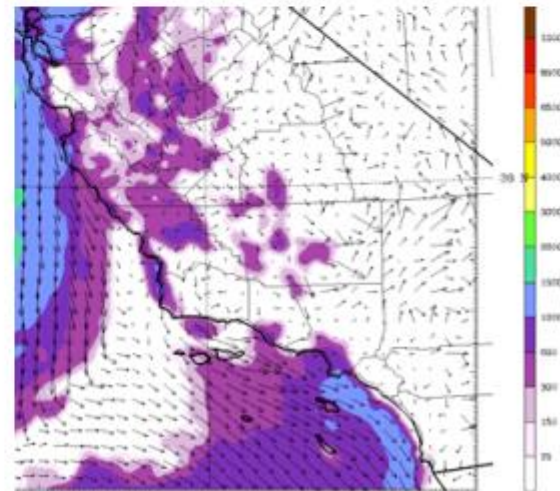
Thursday Afternoon



Thursday Night



Thursday Night



Southern California Weather Briefing

Updated 10 AM Daily (video)



*South Ops Fire Potential
and Weather Webcast*

**PREDICTIVE
SERVICES**



The image displays a row of seven logos representing partner organizations: U.S. Forest Service (UAS), National Park Service, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, CAL FIRE, and U.S. Fire Service.

National 7-Day Significant Potential for 06/16/2016

Fire EGP Launchpad Situation Analyst: USFS 7 Day Significant Fire Pot AFF Log In New Tab

psgeodata.fs.fed.us/staticmap.html

Apps NGDA Lifecycle Matur Dreamweaver Help | F 42153 - Add dynamic Wildfires Near Me Google - Website Spe

7 Day Forecast Period

Viewer 1 - Seven Day Forecast Sequence

Significant Fire Potential

- Little or no risk
- Low risk
- Moderate risk
- No data

High Risk Triggers

- H Hot & dry
- U Unstable
- W Windy
- D Dry
- L Lightning
- R Recreation
- B Burn Environment

High risk denotes either dry or very dry fuel conditions coupled with a potential ignition trigger and/or one or more critical burn environment factors.

To view any 7 day significant fire forecast issued in the last week, please first specify a Forecast Issued Date below then use the slider to view the maps for the forecast dates.

Start the automated map Slide Show by pressing the Start button. The intervals between displayed maps can be adjusted through the time stepper in 1 second increments.

Forecast Issued Date **Valid for 06/16/2016**

06/16/2016

Slide Show

seconds

SIGNIFICANT FIRE POTENTIAL

Valid For: Thursday, June 16, 2016

Issued On: Thursday, June 16, 2016 09:18 AM (MT)

Map produced by the USDA Forest Service Remote Sensing Applications Center in coordination with the National Predictive Services Program

Viewer 2 - Compare Seven Day Forecasts

National 7-Day Significant Potential for 06/17/2016

Fire EGP Launchpad | Situation Analyst: USFS | 7 Day Significant Fire Pot | AFF Log In | New Tab

psgeodata.fs.fed.us/staticmap.html

Apps | NGDA Lifecycle Matur | Dreamweaver Help | 42153 - Add dynamic | Wildfires Near Me | Google - Website Spe

7 Day Forecast Period

Viewer 1 - Seven Day Forecast Sequence

Significant Fire Potential		High Risk Triggers	
Green	Little or no risk	H	Hot & dry
Yellow	Low risk	U	Unstable
Orange	Moderate risk	W	Windy
Brown	No data	D	Dry
		L	Lightning
		R	Recreation
		B	Burn Environment

High risk denotes either dry or very dry fuel conditions coupled with a potential ignition trigger and/or one or more critical burn environment factors.

This map is intended as a significant fire potential forecast for the specified date based upon available data and information. Using this map for other than its intended purpose may yield inaccurate or misleading results. The Predictive Services Program attempts to use the most current and complete geospatial data available. Geospatial data accuracy may vary by theme on this map. The Predictive Services Program reserves the right to correct, update or modify geospatial data to this map without notification.

To view any 7 day significant fire forecast issued in the last week, please first specify a Forecast Issued Date below then use the slider to view the maps for the forecast dates.

Start the automated map Slide Show by pressing the Start button. The intervals between displayed maps can be adjusted through the time stepper in 1 second increments.

Forecast Issued Date **Valid for 06/17/2016**

06/16/2016

Slide Show

seconds

SIGNIFICANT FIRE POTENTIAL

Valid For: Friday, June 17, 2016
Issued On: Thursday, June 16, 2016 09:18 AM (MT)

Map produced by the USDA Forest Service Remote Sensing Applications Center in coordination with the National Predictive Services Program

Viewer 2 - Compare Seven Day Forecasts

National 7-Day Significant Potential for 06/18/2016

Fire EGP Launchpad | Situation Analyst: USFS | 7 Day Significant Fire Pot... | AFF Log In | New Tab

psgeodata.fs.fed.us/staticmap.html

Apps | NGDA Lifecycle Matur... | Dreamweaver Help | 42153 - Add dynamic | Wildfires Near Me | Google - Website Spe...

7 Day Forecast Period

Viewer 1 - Seven Day Forecast Sequence

To view any 7 day significant fire forecast issued in the last week, please first specify a Forecast Issued Date below then use the slider to view the maps for the forecast dates.

Start the automated map Slide Show by pressing the Start button. The intervals between displayed maps can be adjusted through the time stepper in 1 second increments.

Significant Fire Potential	High Risk Triggers
Little or no risk	H Hot & dry
Low risk	U Unstable
Moderate risk	W Windy
No data	D Dry
	L Lightning
	R Recreation
	B Burn Environment

High risk denotes either dry or very dry fuel conditions coupled with a potential ignition trigger and/or one or more critical burn environment factors.

Forecast Issued Date Valid for 06/18/2016

06/16/2016 [Slider]

Slide Show

Start Pause 1 seconds

View

PREDICTIVE SERVICES

SIGNIFICANT FIRE POTENTIAL

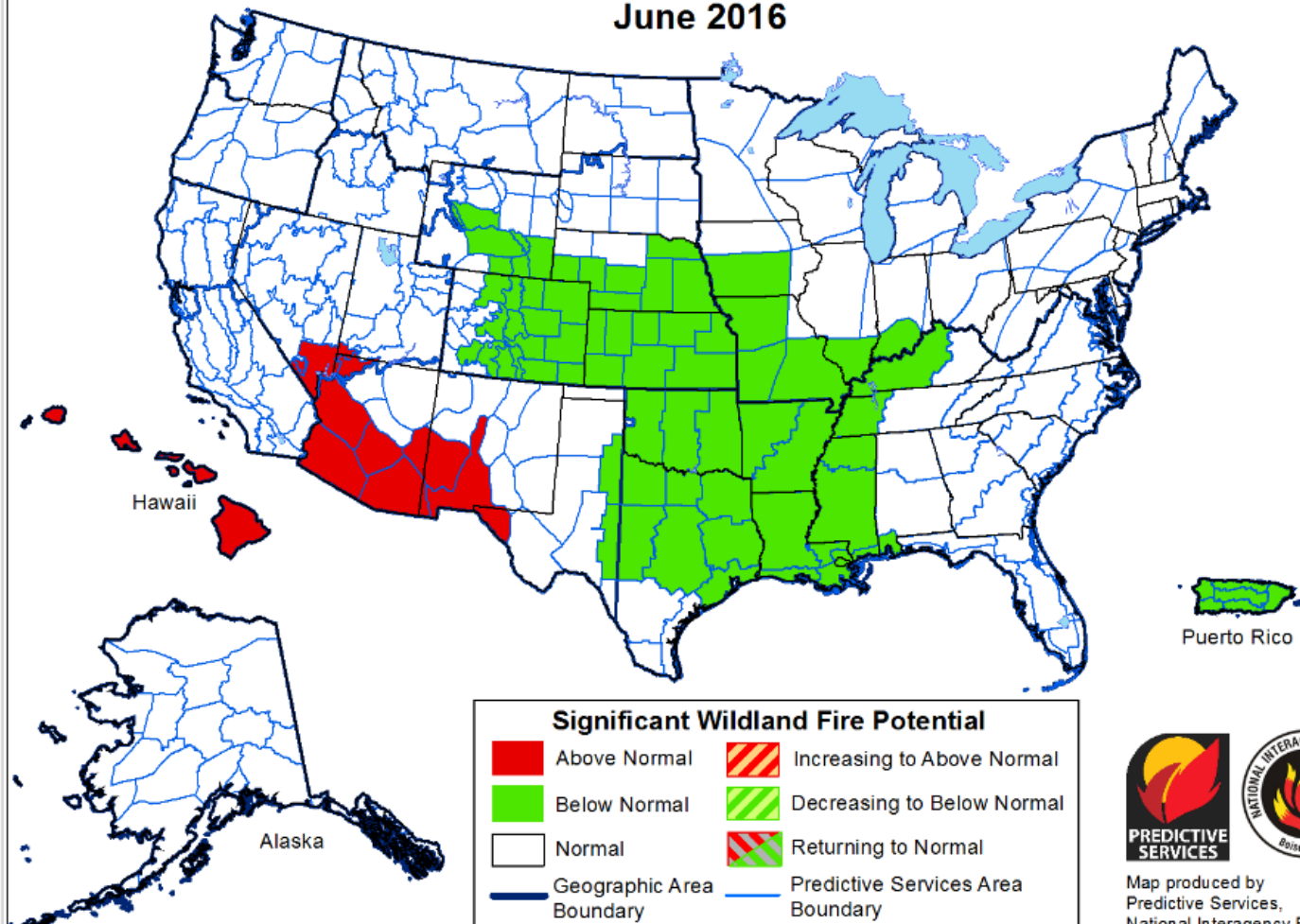
Valid For: Saturday, June 18, 2016
Issued On: Thursday, June 16, 2016 09:18 AM (MT)

Map produced by the USDA Forest Service Remote Sensing Applications Center in coordination with the National Predictive Services Program

Viewer 2 - Compare Seven Day Forecasts

Significant Wildland Fire Potential

Significant Wildland Fire Potential Outlook June 2016



Above normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires will occur. Significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.



Map produced by
Predictive Services,
National Interagency Fire Center
Boise, Idaho
Issued June 1, 2016
Next issuance July 1, 2016

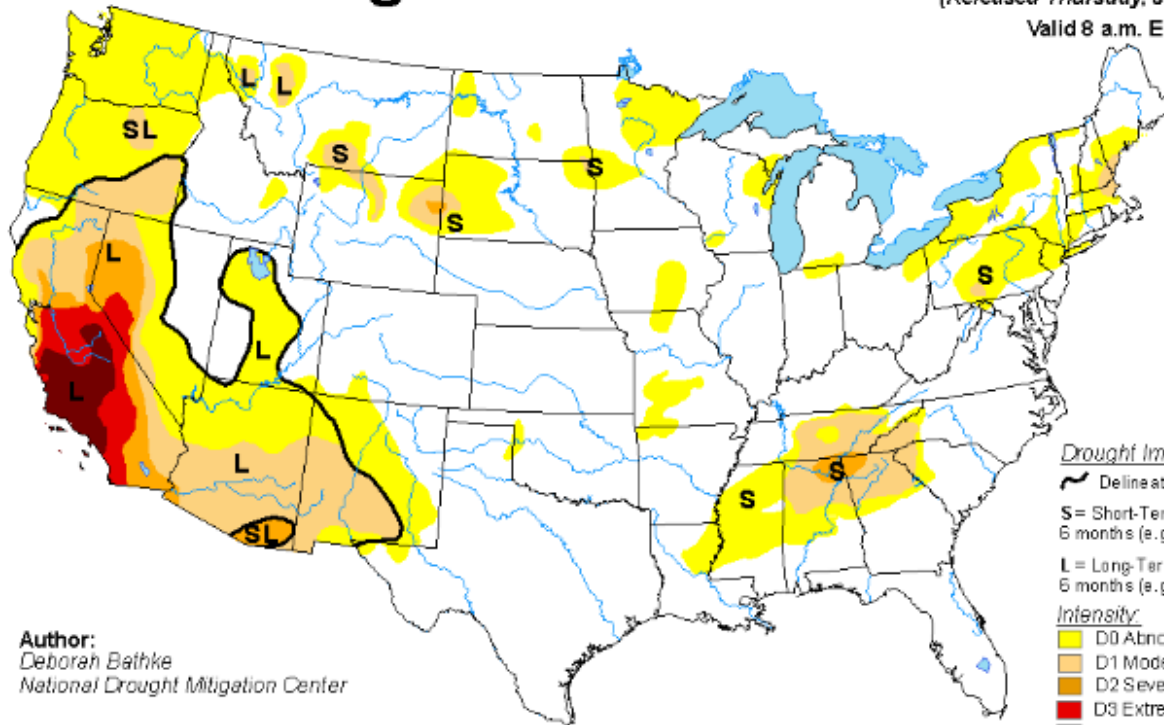
Drought Monitor

U.S. Drought Monitor

June 7, 2016

(Released Thursday, Jun. 9, 2016)

Valid 8 a.m. EDT



Author:
Deborah Bathke
National Drought Mitigation Center






Drought Impact Types:

~ Delineates dominant impacts

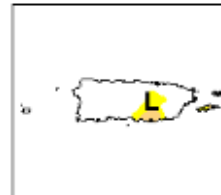
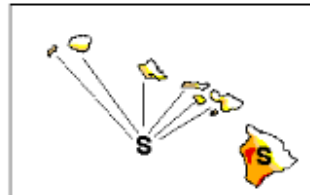
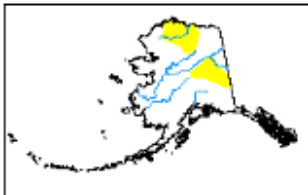
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)

L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

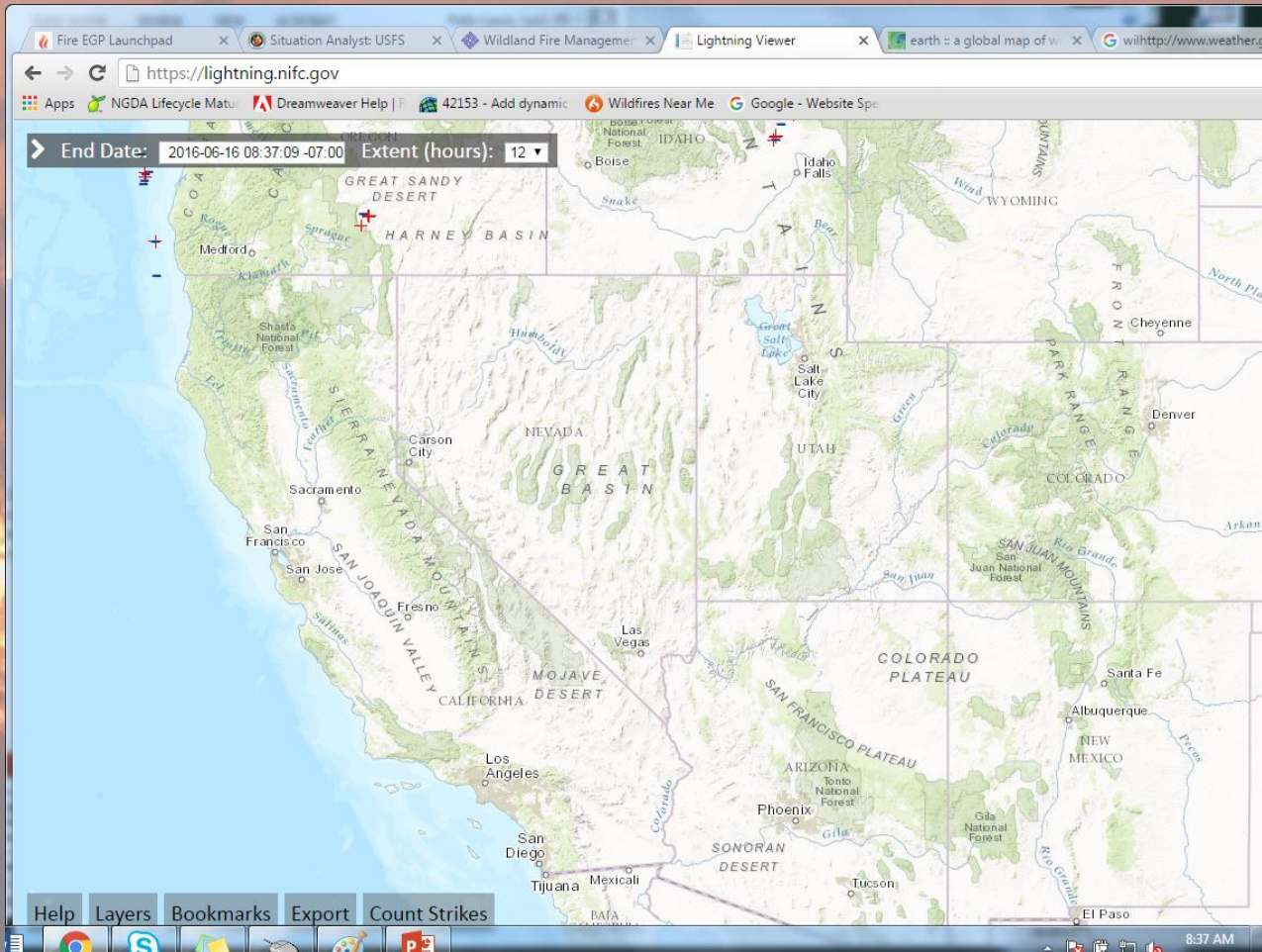
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

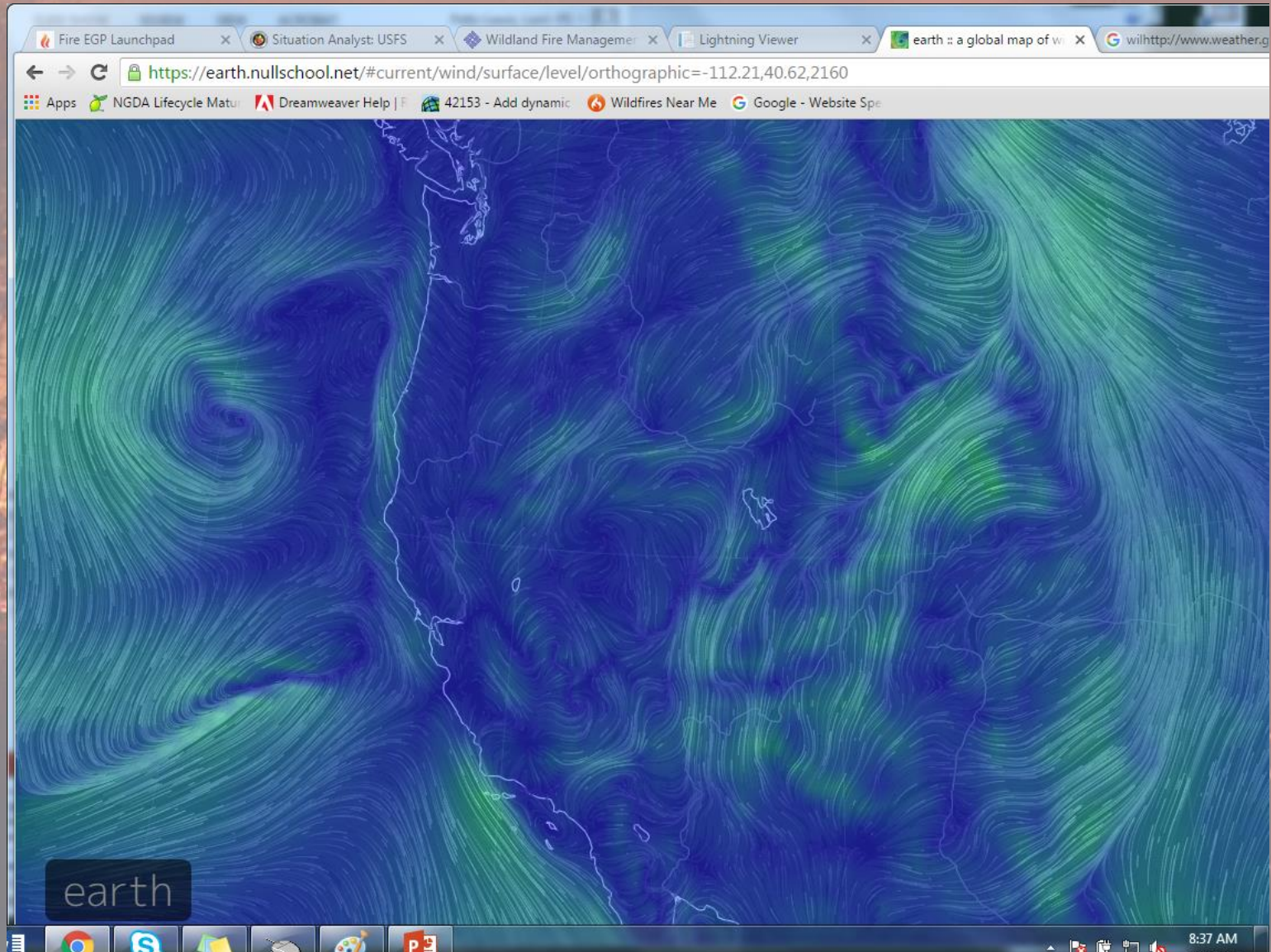


<http://droughtmonitor.unl.edu/>

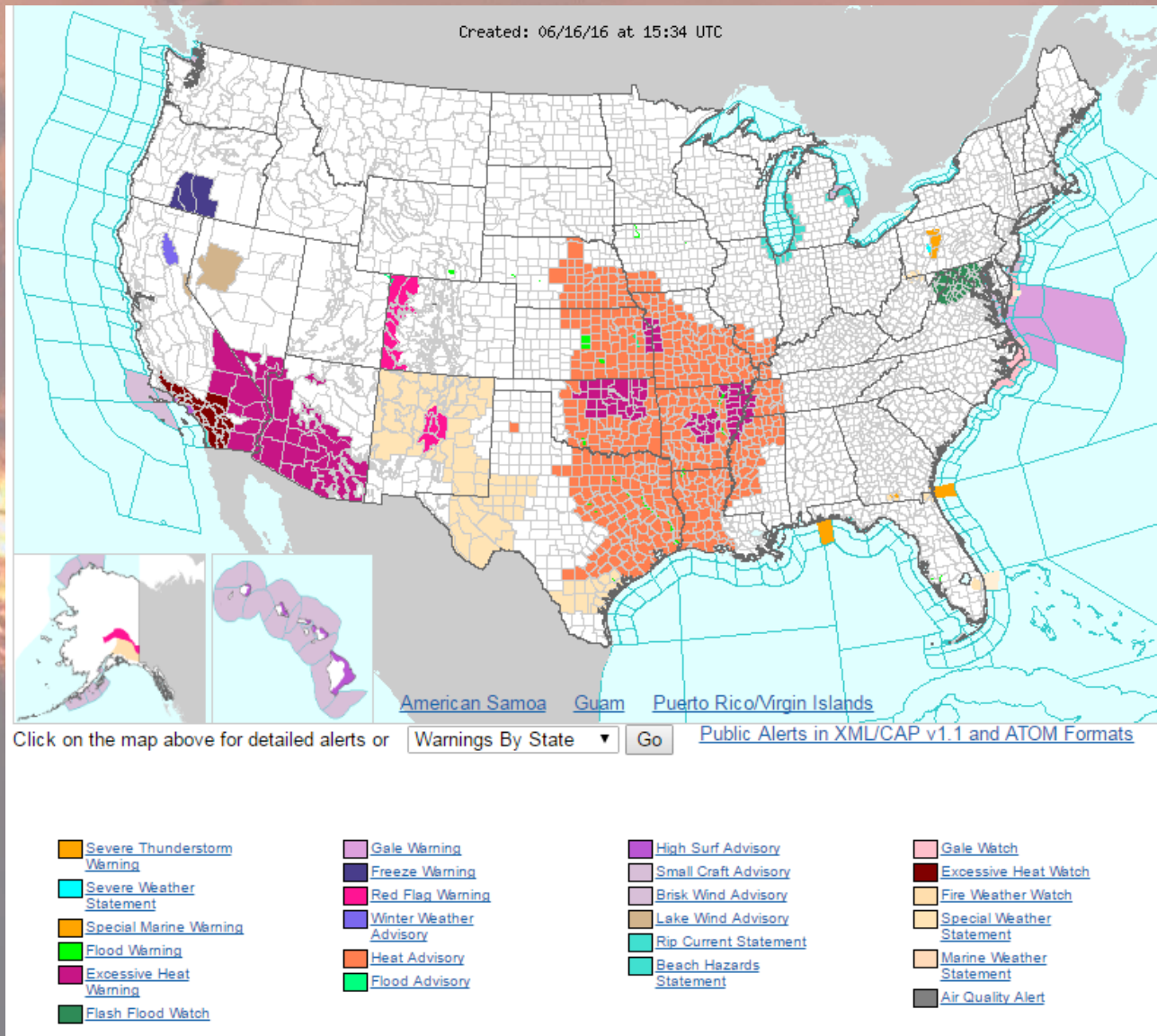
WFMI Lightning



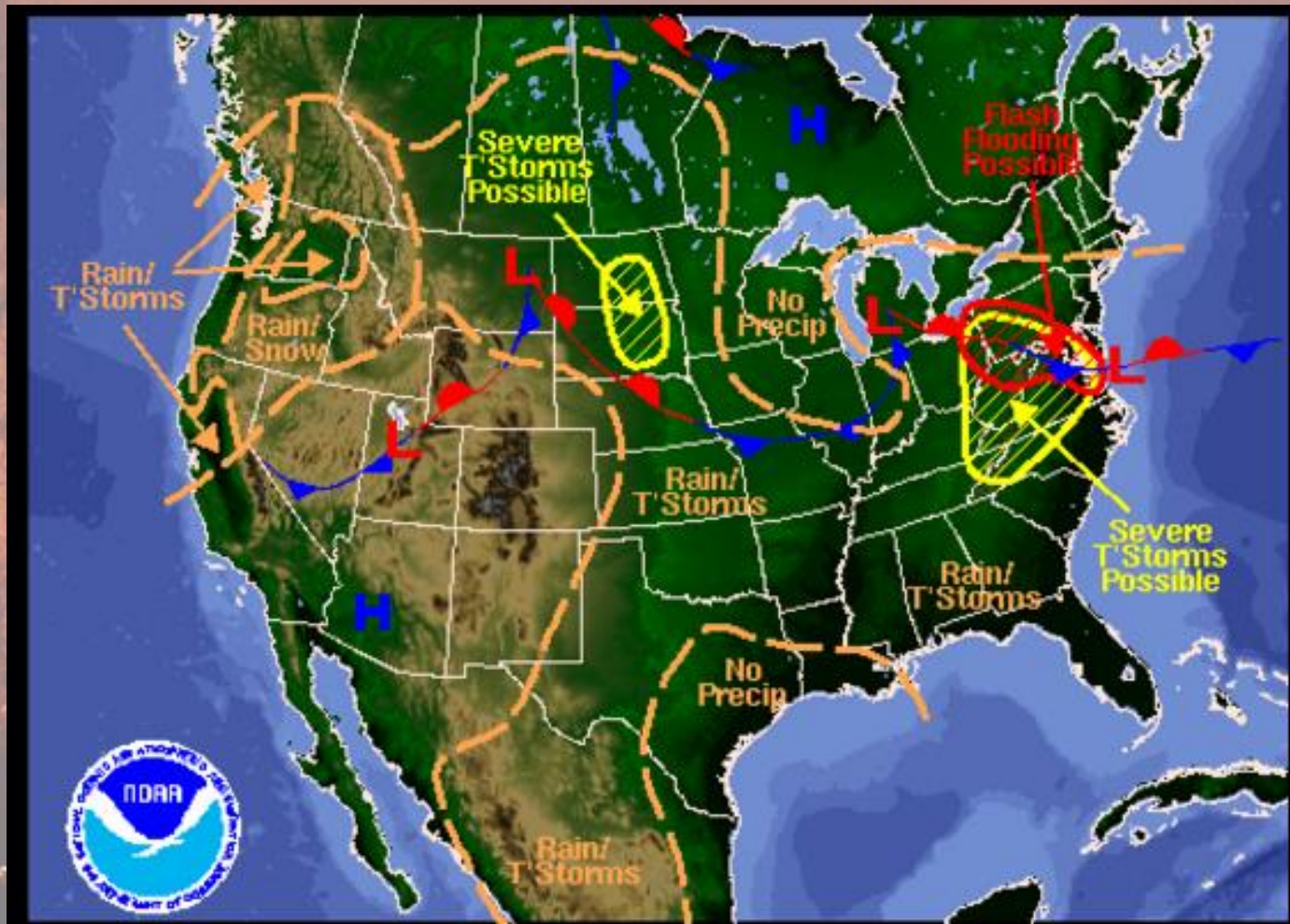
Current Surface Level Winds



NOAA National Weather Hazards



NOAA National Forecast Chart



Weather Forecast for Thu, Jun 16, 2016, issued 4:20 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

National Forecast Chart

US Forest Service

Caring for the land and serving people



Fire & Aviation Management

Pacific Southwest Region

RO Daily Weather Briefing

Complete - Replay