

# Large Fire Response in New Mexico



# Large Fire Response...

- Issues with wildfire:
  - WUI & Fire Adapted Communities,
  - Evacuations & Ready Set Go
  - Prevention
  - Preparedness
- 2018 Fire Season Outlook Highlights
- Incident management
  - jurisdictions
  - initial attack vs. extended attack
  - Incident management teams
  - the role of Liaison and Community involvement
- Information:
  - Inciweb
  - NM Fire Info
  - social media
- Pre-planning
  - Wildland Fire Decision Support System,
  - Pre-existing relationships
- Questions



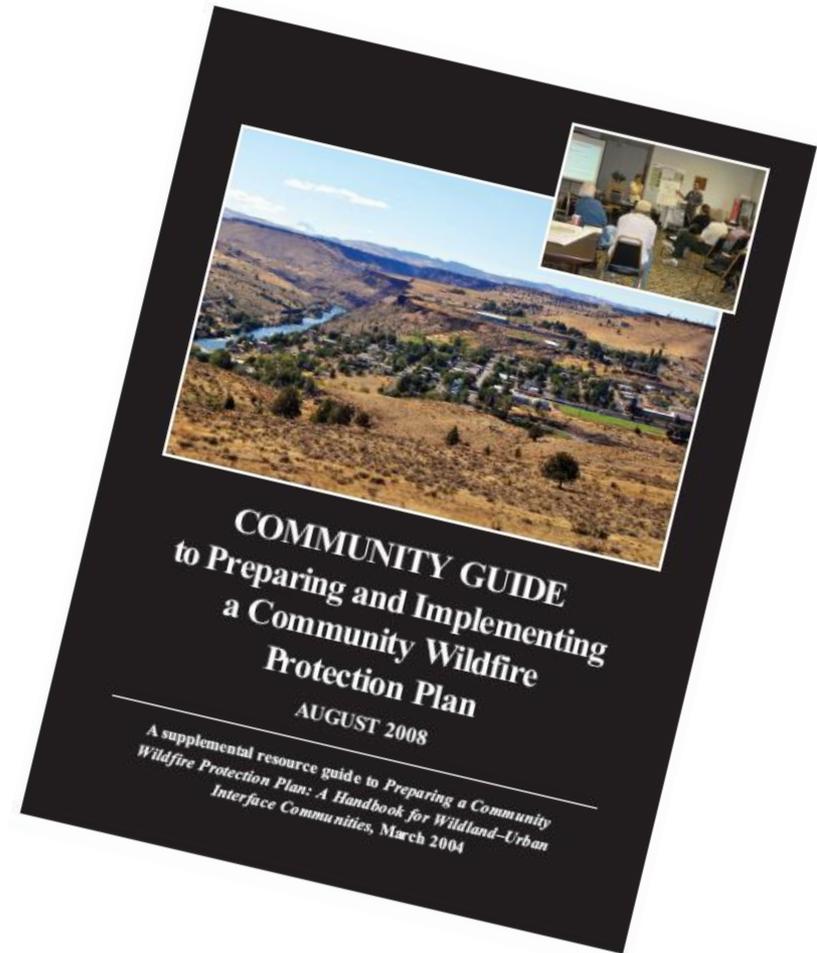
# Wildland Urban Interface (WUI)

**The line, area, or zone where structures and other human development meet or intermingle with undeveloped wildland or vegetative fuels.**



# Community Wildfire Protection Plans

The challenge is to help residents in wildland-urban communities understand the issues and take action to **mitigate** and **prepare** before a wildfire starts.



Issues with wildfires

# Fire Adapted Communities

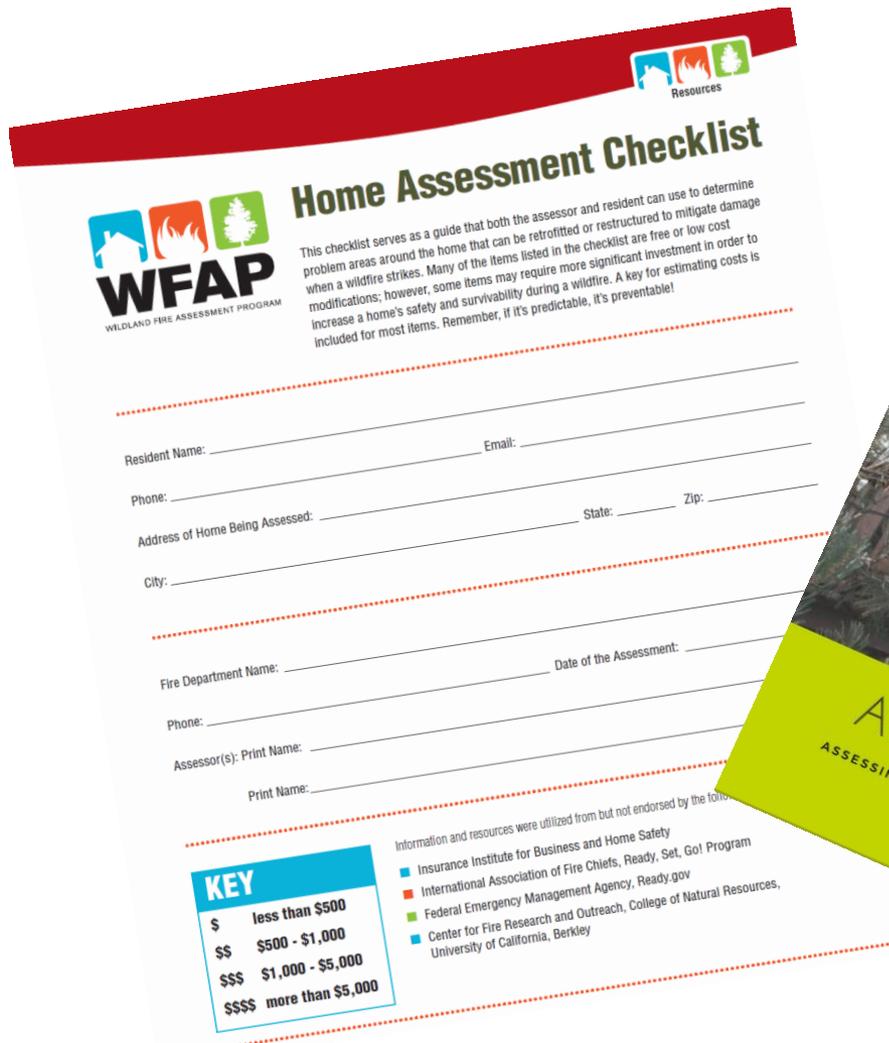


A human community consisting of informed and prepared citizens collaboratively planning and taking action to safely coexist with wildland fire.



# Issues with wildfires

## Home Assessments



**WFAP**  
WILDLAND FIRE ASSESSMENT PROGRAM

**Resources**

### Home Assessment Checklist

This checklist serves as a guide that both the assessor and resident can use to determine problem areas around the home that can be retrofitted or restructured to mitigate damage when a wildfire strikes. Many of the items listed in the checklist are free or low cost modifications; however, some items may require more significant investment in order to increase a home's safety and survivability during a wildfire. A key for estimating costs is included for most items. Remember, if it's predictable, it's preventable!

Resident Name: \_\_\_\_\_ Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Address of Home Being Assessed: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

City: \_\_\_\_\_

Fire Department Name: \_\_\_\_\_ Date of the Assessment: \_\_\_\_\_

Phone: \_\_\_\_\_

Assessor(s): Print Name: \_\_\_\_\_

Print Name: \_\_\_\_\_

**KEY**

\$	less than \$500
\$\$	\$500 - \$1,000
\$\$\$	\$1,000 - \$5,000
\$\$\$\$	more than \$5,000

Information and resources were utilized from but not endorsed by the following:

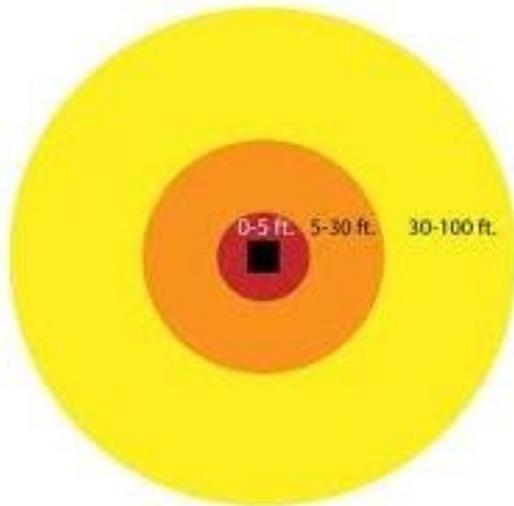
- Insurance Institute for Business and Home Safety
- International Association of Fire Chiefs, Ready, Set, Go! Program
- Federal Emergency Management Agency, Ready.gov
- Center for Fire Research and Outreach, College of Natural Resources, University of California, Berkeley



# Issues with wildfires

## Defensible Space Zones

### Zone 1: 0-5 ft. around the perimeter



# Construct Homes with Fire-Resistant Materials



This home was constructed with fire-resistant materials — masonry siding and noncombustible roofing — and used Firewise landscaping practices that greatly increased its survivability and created a safer working environment for firefighters.



# Construct Homes with Fire-Resistant Materials



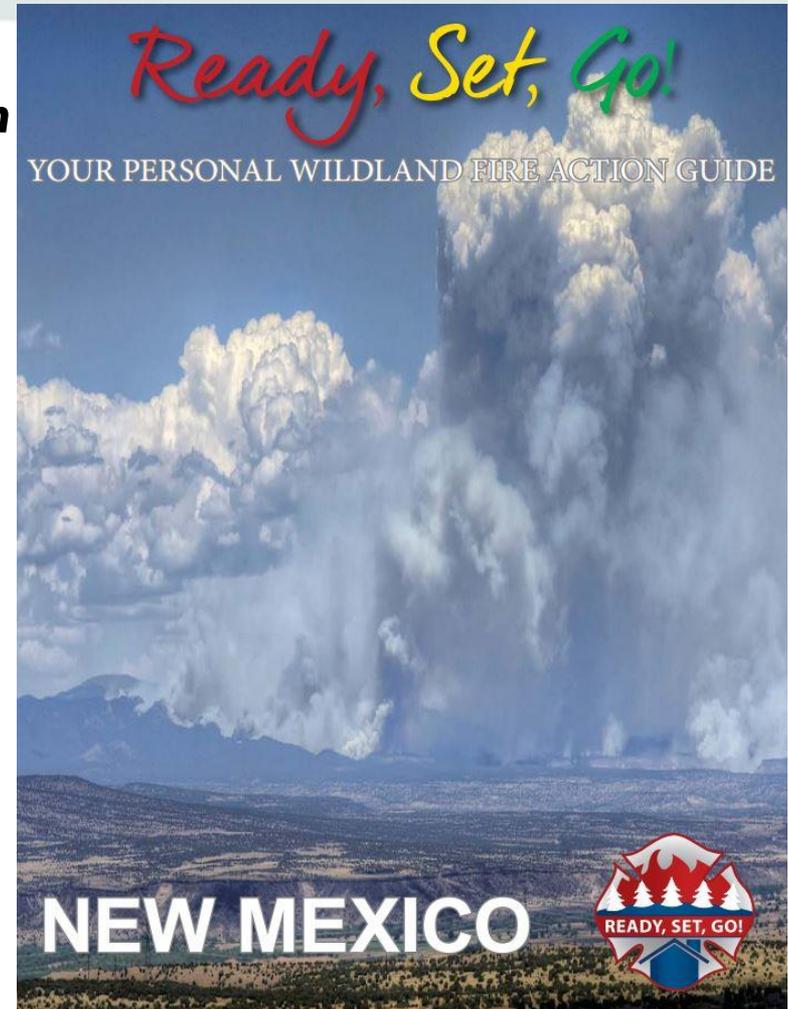
Issues with Wildfires

# Ready, Set, Go!



# The Ready, Set, Go! Program

- **RSG Personal Wildland Fire Action Plan**
  - *Family and Property Preparation*
  - *Checklists for Disaster Preparation; what to do as a Fire Approaches; and Emergency Supplies if you have to leave*



## Evacuations: 6 P's

1. People
2. Pets
3. Papers & Plastic (credit cards, etc.)
4. Prescriptions, Vitamins, and Eyeglasses
5. Pictures and Irreplaceable Memorabilia
6. Personal Computers (information on hard drive & disks)





# Issues with Wildfire Firewise

Firewise is a project of the National Fire Protection Association  FONT SIZE A A

 HOME | ABOUT FIREWISE | CONTACT | EVENTS | FOR MEDIA SEARCH  →

**Firewise Communities** **Courses and Training** **Information and Resources** **Connect with Others** **Catalog** **Blog**

Home > Information and Resources > Who is this for > Firefighters > Courses and Training

COURSES AND TRAINING  
EVACUATION PLANNING

## Courses and Training

Learn how to be both effective and safe when you are fighting fire in the wildland/urban interface.

### Firefighter safety in the wildland/urban interface

This award-winning training module can accessed three different ways for your convenience:

- View [the three videos](#) - Understanding Fire Behavior in the WUI; Structure Protection Strategies in the WUI; and Fire Fighter Safety in the WUI - directly from the Firewise website.
- Order your [free copy of the DVD set with instructor guide](#) from the NFPA Catalog
- Take the [free online course](#) at our Firewise Learning Center.

### Water training - Online course

This [free online course](#) provides important information and relevant examples for firefighters to develop strategies for using water effectively during firefighting operations in the wildland/urban interface.



### Using water effectively - Video and study notes



**National Fire Protection Association**  
The authority on fire, electrical, and building safety



# Prevention: One Less Spark Campaign

VEHICLE USE



EQUIPMENT USE



CAMPFIRE SAFETY



TARGET SHOOTING SAFETY



DEBRIS BURNING



Issues with wildfires

# Prevention: Smokey Bear



# Preparedness: Pre-positioning

**Planning Levels 1-5**

**Sharing resources between regions with different fire seasons**



# Firefighting Resources are Limited



**Wildfires have grown in size in the last decade**

**There are not enough firefighting resources to protect every home during severe wildfires**

**Wildfire is the easiest natural peril to mitigate**



# 2018 Seasonal Outlook

## Southwest Coordination Center

Southwest Coordination Center

Gila Interagency Hotshots

SWCC Home

National

About Us

Site Disclaimer

Contact Us

SW Dispatch Center Websites ▾

### INCIDENT INFORMATION

Fire Information

- Arizona

- New Mexico

InciWeb

- Arizona

- New Mexico

Fire Restrictions

- Arizona

- New Mexico

### LOGISTICAL OPERATIONS

Dispatch

Aviation

Crews

Equipment / Supplies

Overhead / Teams

### PREDICTIVE SERVICES

Intelligence

Weather

Fuels / Fire Danger

Outlooks

## WELCOME to the SOUTHWEST COORDINATION CENTER (SWCC)

Welcome Activity Weather Fuels / Fire Danger Outlooks Resource Summary Administration -

### Welcome

The [Southwest Coordination Center \(SWCC\)](#) is the **interagency** focal point for coordinating the mobilization of resources between the twelve Federal and State [Dispatch Centers](#) of the [Southwest Area](#) and, when necessary, the [National Coordination Center](#) in Boise, ID. Located in Albuquerque, New Mexico, the SWCC mobilizes resources for wildland fire, prescribed fire, and all-risk incidents. In addition, the Center provides Predictive Services and Intelligence related-products in support of incident management decision-making for wildland fire managers and on-the-ground wildland firefighters. > [To learn more, go to "About Us" ...](#)



### Daily Incident Activity

- [National IMSR](#)
- [SWCC Morning Situation Report](#)
- [SWCC Prescribed Fire Report](#)

#### LATEST INCIDENT(S)



Latest Incident(s)

#### LARGE INCIDENT LOCATION MAP



### Preparedness Levels

Southwest	1	(8/08/17)
National	1	(12/20/17)



#### SWCC NEWS & NOTES

Created October 1, 2009.

Now over 8,400 followers.

\*\* [Follow us via your phone](#) \*\*

Tweets by @SWCCNewsNotes



SWCC

@SWCCNewsNotes

Altar (AZ-A3S) 1,200 ac. Started 2/08/18. Loc 20 mile N of Sasabe, AZ (31.7011x111.5950).

Multijurisdictional incident (AZS, BLM, BIA &

Private, 13 Helo, and 1 T2 crews ordered

RECENTLY REPORTED INCIDENTS:

Moore (AZ-ADC-A5S - 0.5 ac - Hwy 71 - Out @ 1315 - 2/20@1313 -);



2018 Seasonal Outlook

# Southwest Coordination Center



## 2018 Fire Season Considerations and Outlook

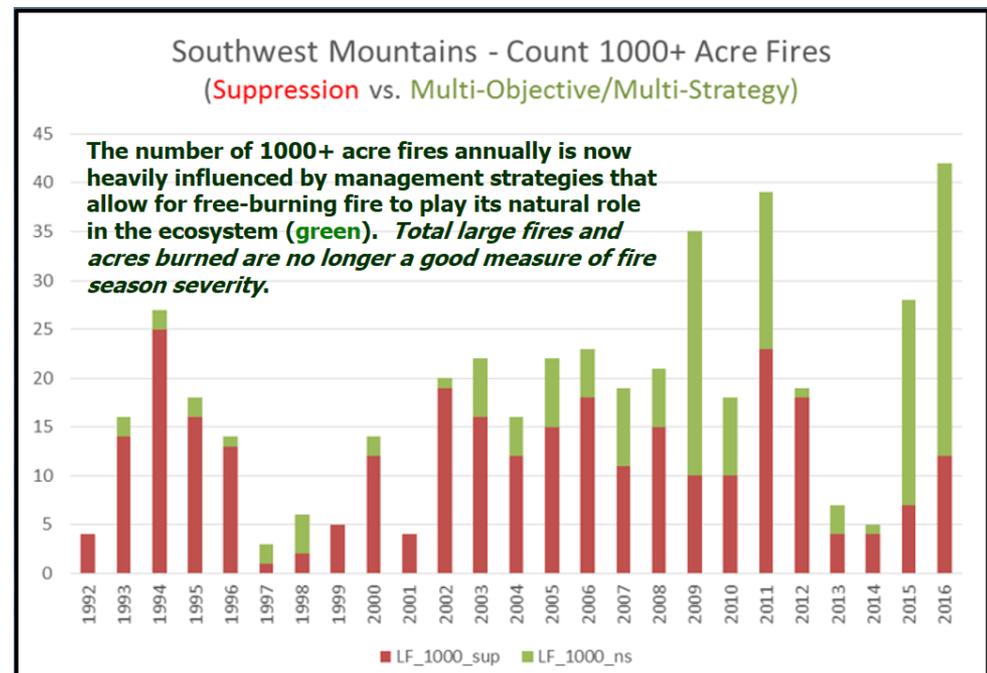
SWCC Predictive Services

Edited : March 20th, 2018



# Historical Southwest Fire Activity

- Fires about a 50/50 split between human and lightning caused.
- Human caused fires more prevalent in spring, coincident with windy & dry conditions.
- Lightning caused fires more prevalent from June onward, coincident with the approaching monsoon.



# Seasonal Fire Potential Main Factors

1. Drought

Big Picture Fuels Complex Conditions

2. Fine Fuels Condition

Fine Fuels Component

3. Seasonal Temperature & Precipitation

Season Setup

4. Spring & early Summer Weather Patterns

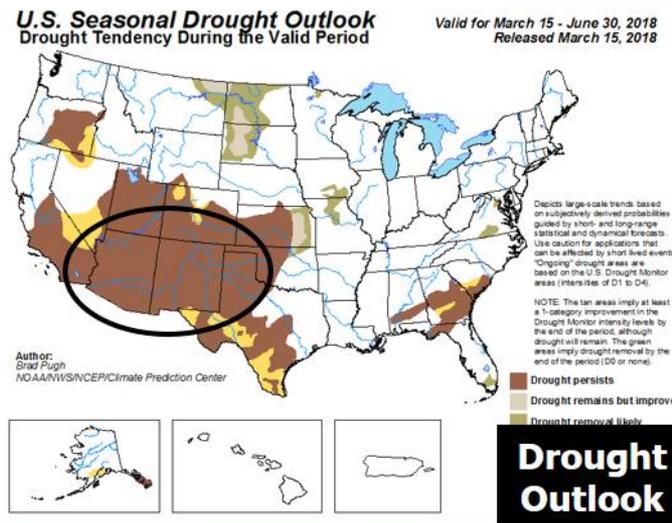
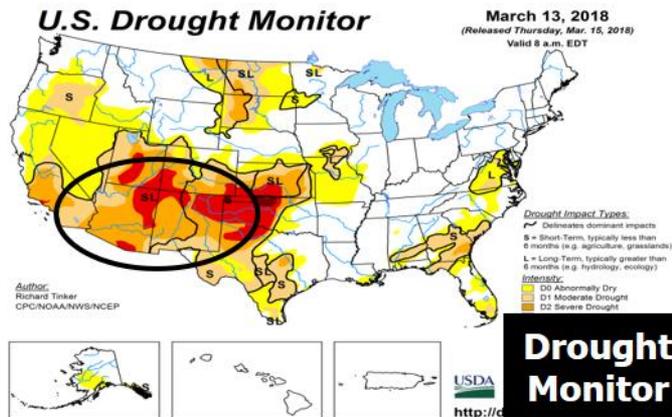
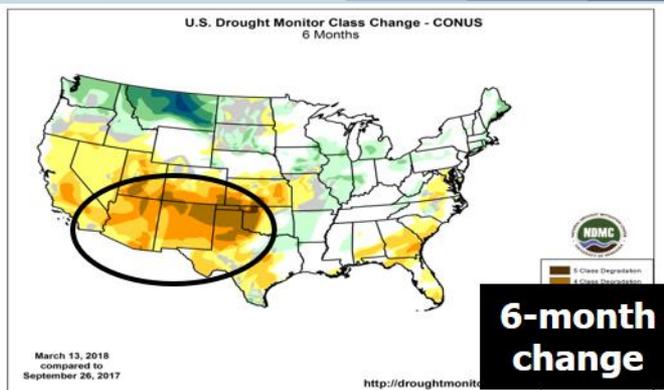
Fire Ignition & Spread

5. Monsoon

Season End



# 2018 Seasonal Outlook Fire Season 2018: Drought



- Long-term drought has increased from west-east across the region over the past 5-6 months
- At least “**Moderate Drought**” area-wide with “**Severe Drought**” across eastern AZ/far western NM and far NE NM/much of Texas
- Drought outlook calls for overall **drought conditions to generally increase through April**
- Drought is impacting mainly fine fuels regimes across the east, but starting to have long-term impacts along/west of the continental divide.



# Fire Season 2018: Fine Fuels



**January 25, 2018 – on  
Hwy. 62/180 at the  
Eddy/Lea County line**



**January 25, 2018 – Hobbs,  
NM**



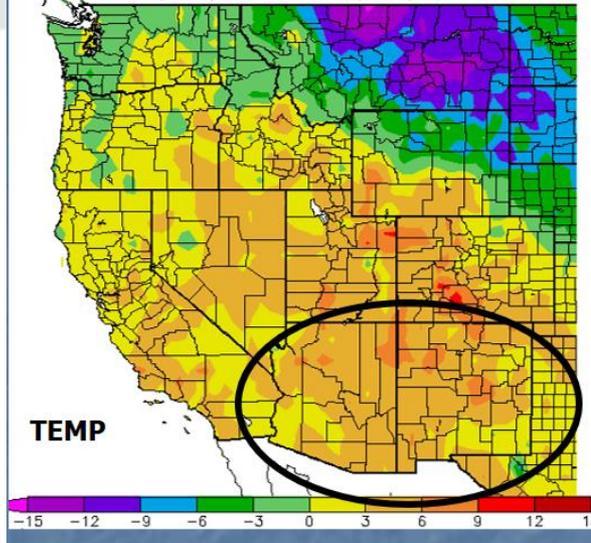
# 2018 Seasonal Outlook

## Fire Season 2018:

### Mid DEC 2017 thru Mid MAR 2018 Temperature & Precipitation

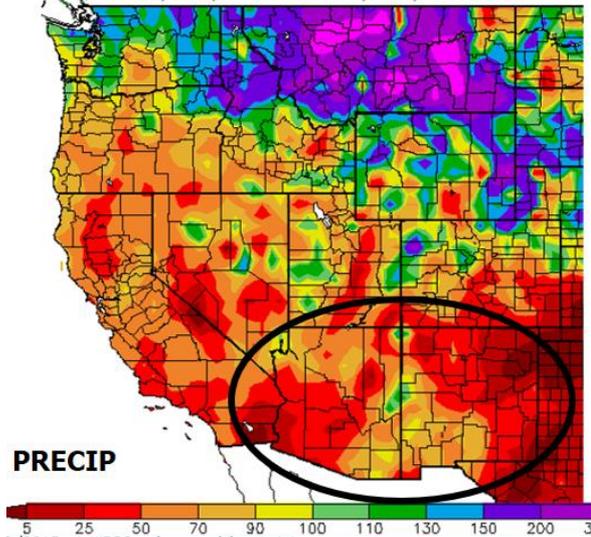
- Overall **mild** with **Below normal precipitation**
- Snowpack Below Normal. Better north, much worse south/east.

Av. Max. Temperature dep from Ave (deg F)  
12/19/2017 - 3/18/2018

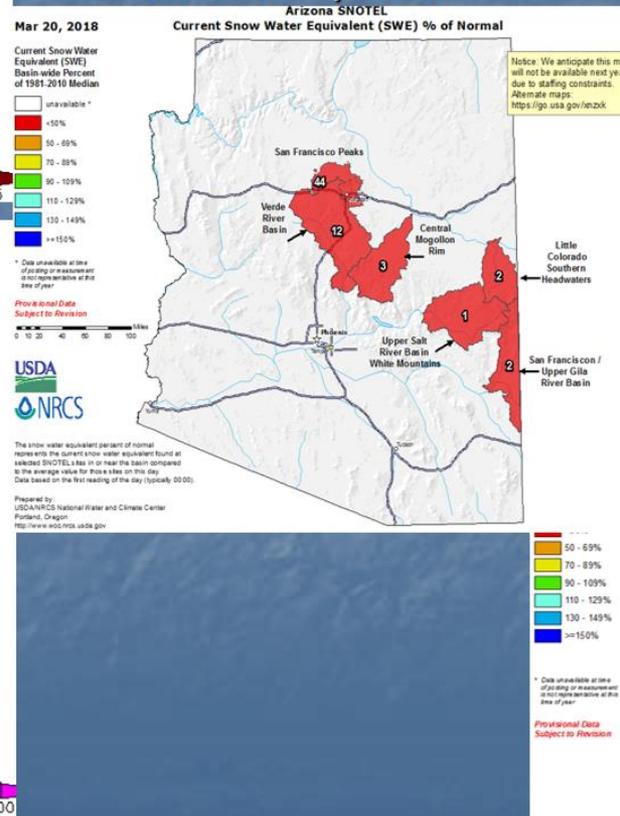


TEMP

Percent of Average Precipitation (%)  
12/19/2017 - 3/18/2018

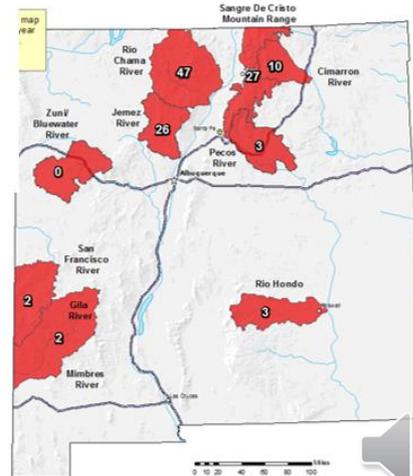


PRECIP



Note: We anticipate this map will not be available next year due to staffing constraints. Alternate maps: <https://go.usa.gov/henzik>

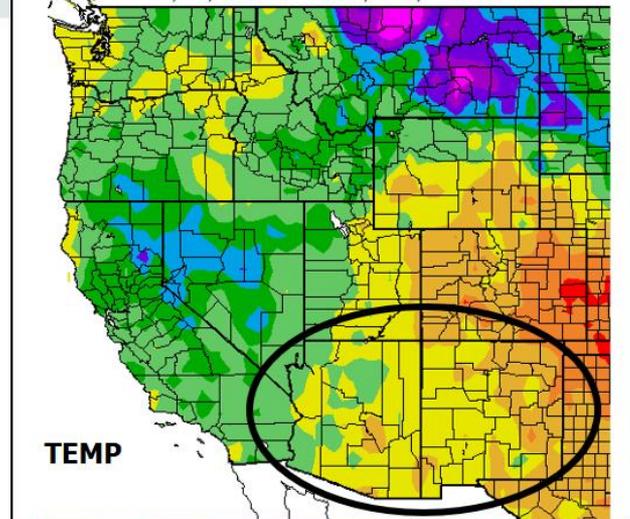
New Mexico  
Current Snow Water Equivalent (SWE) % of Normal



## 2018 Seasonal Outlook

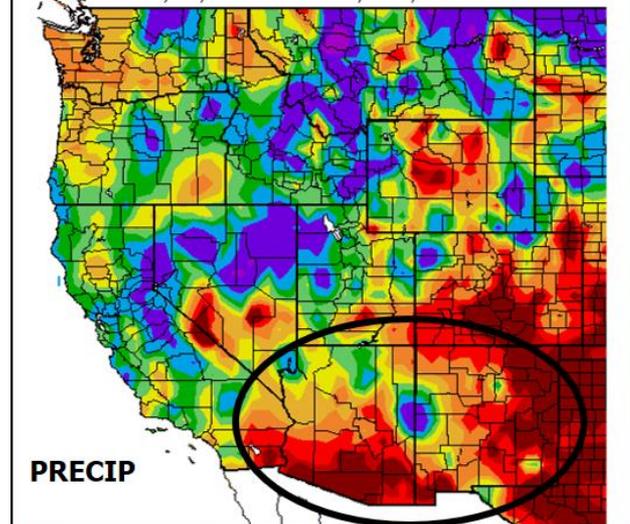
### Fire Season 2018: MAR (MTD) 2018 Temperature & Precipitation

Av. Max. Temperature dep from Ave (deg F)  
3/1/2018 - 3/18/2018



TEMP

Percent of Average Precipitation (%)  
3/1/2018 - 3/18/2018



PRECIP

2 5 25 50 75 100 125 150 200 400 800

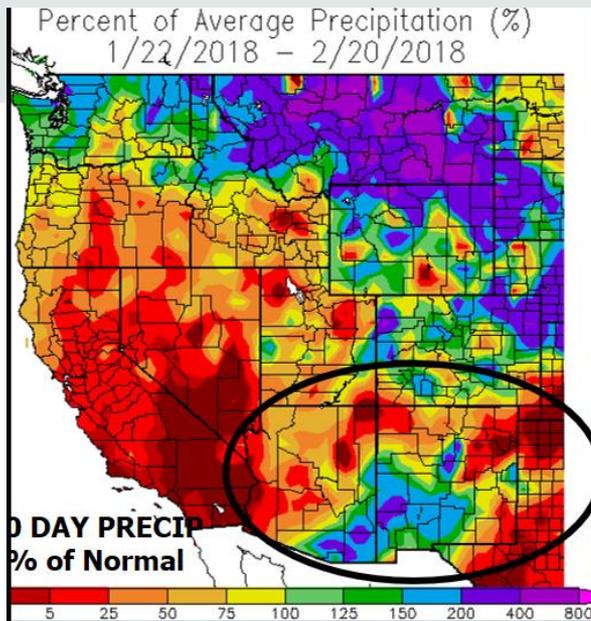
- Overall **warm** and **dry**, although not as 'robust' as the prior 3 months (esp. far west)
- Still been generally dry with a few areas of Above Normal
- Is the dry trend changing???



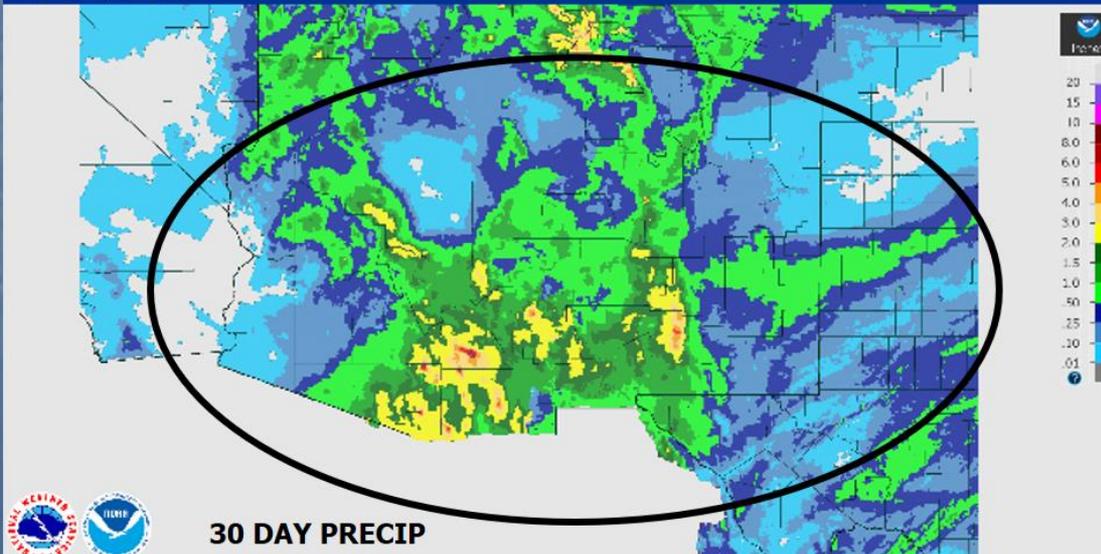
## 2018 Seasonal Outlook

### Fire Season 2018: The "Great Flood" of February

- 2-4 inches of liquid equivalent across portions of central/southern Arizona into southern New Mexico



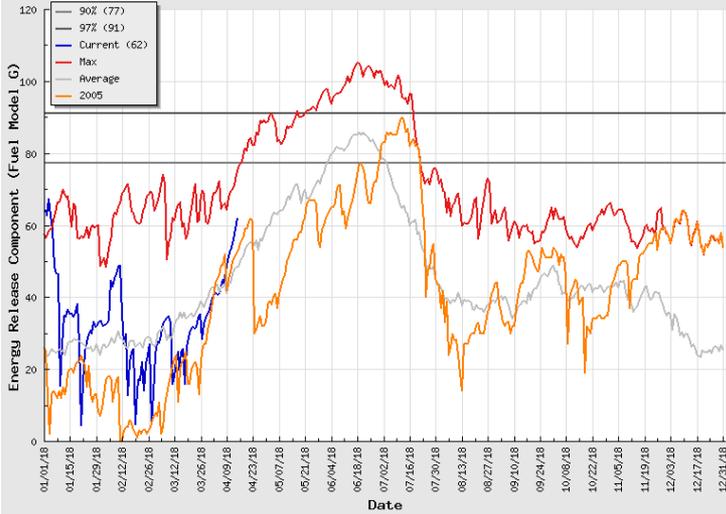
February 19, 2018 30-Day Observed Precipitation  
Created: Feb 19, 2018 - 02:24 UTC  
Valid: 01 February 16, 2018 12:00 UTC



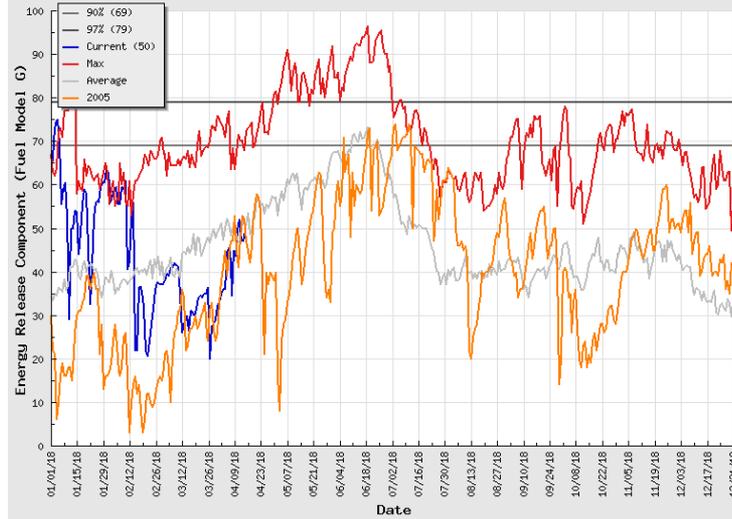
# 2018 Seasonal Outlook

## Tracking 2018 Energy Release Component

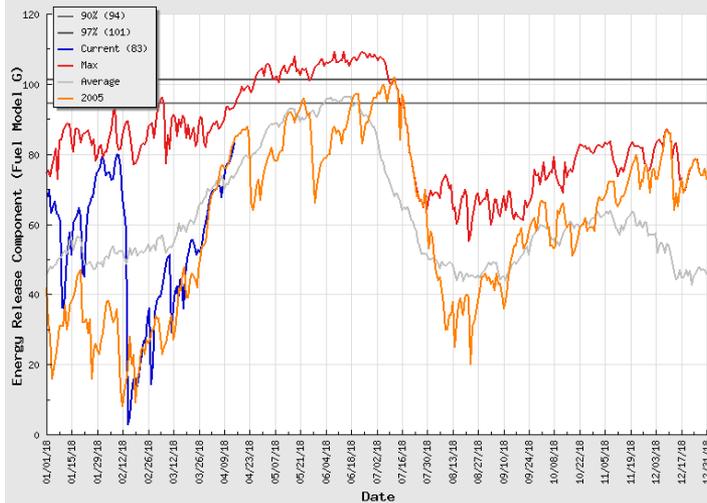
SW05 - Western Mogollon Rim  
Valid Date: 15-Apr-2018



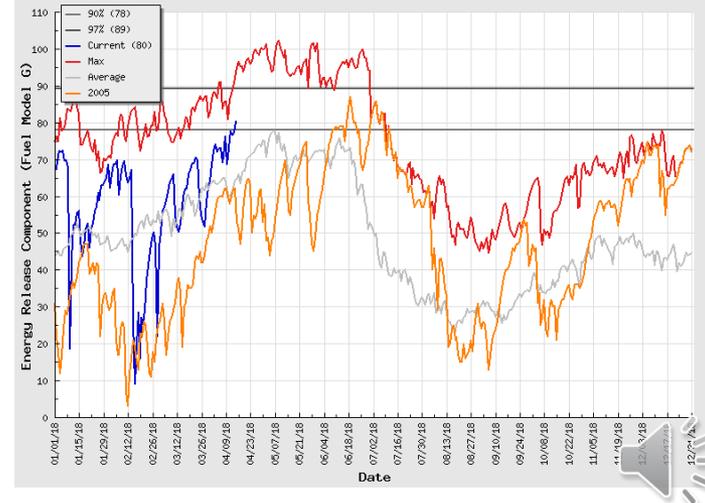
SW10 - Sangre De Cristo Mountains  
Valid Date: 15-Apr-2018



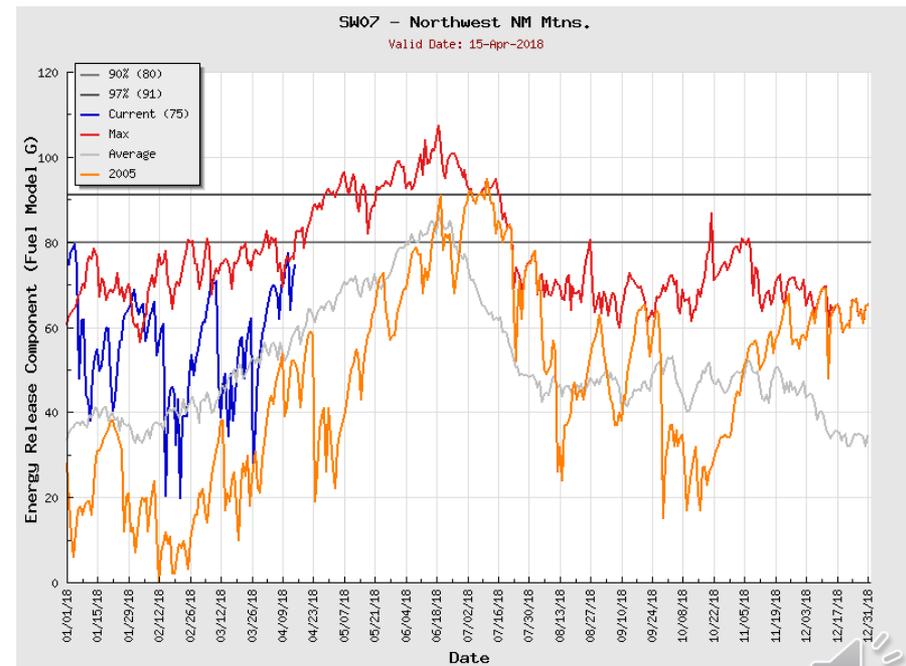
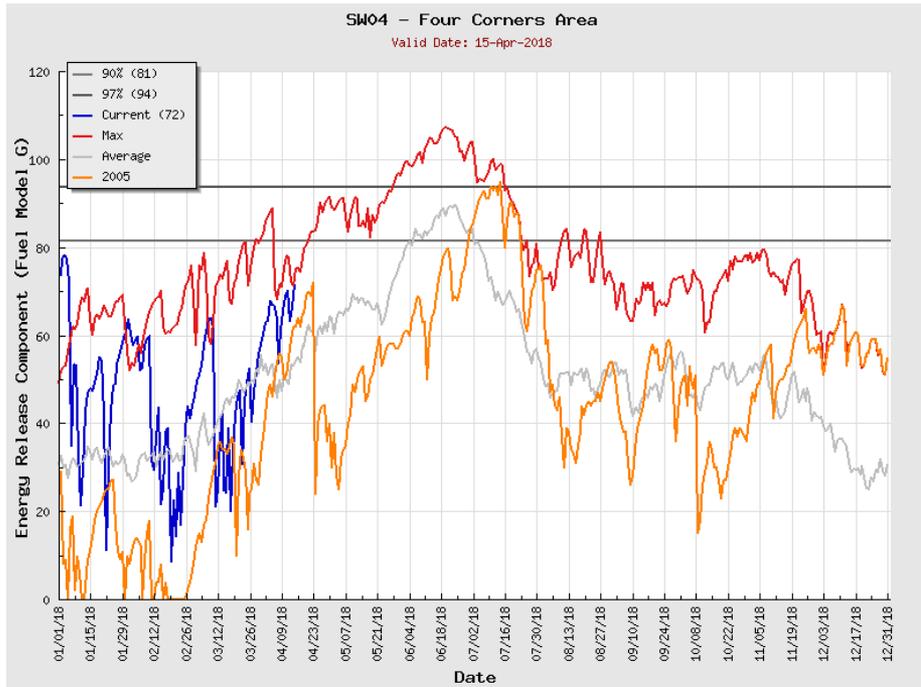
SW06S - Southeast AZ  
Valid Date: 15-Apr-2018



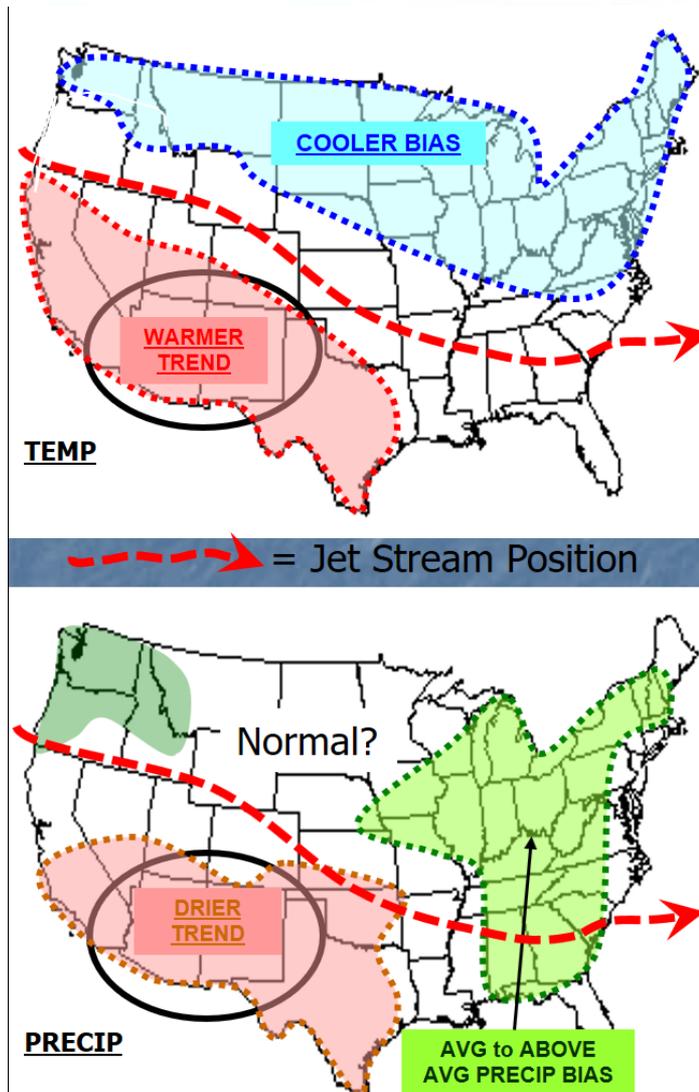
SW12 - South-Central Nm Mtns.  
Valid Date: 15-Apr-2018



# Tracking 2018 Energy Release Component



# Temp & Precip Anomalies + Jet Stream

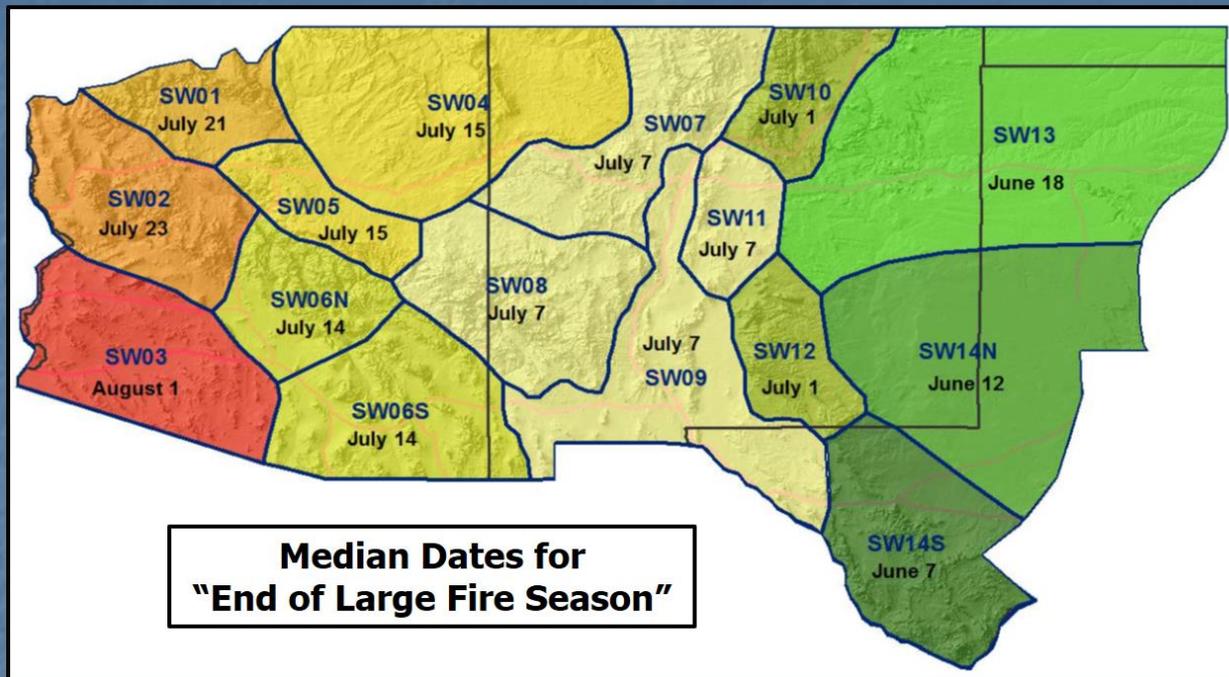


- A west coast/western Pacific ridge setup with the SW Area beneath the ridge or northwest flow expected to bring generally **warm spring temps** most areas and generally **dry conditions**
- An evolution away from La Niña by mid-late spring
- Some variability and uncertainty is expected.



# 2018 Seasonal Outlook Fire Season 2017

## Fire Season 2017: Monsoon

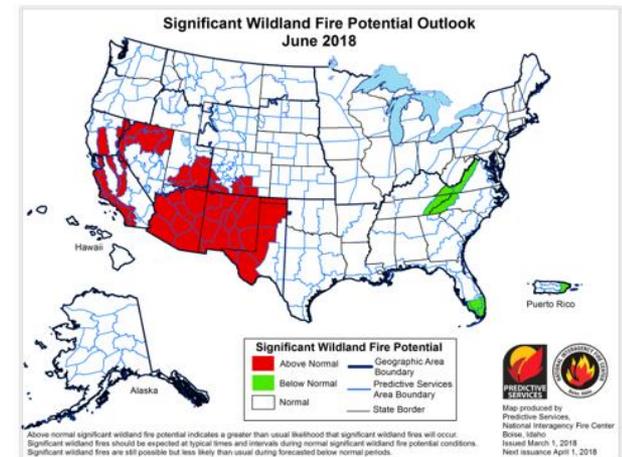
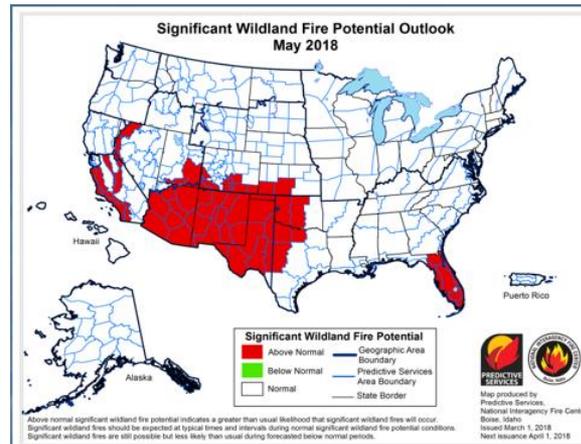
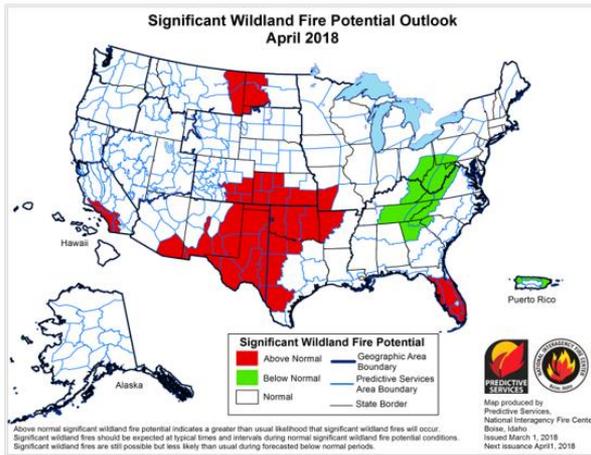


- For Reference: Median dates for end of 'large fire' season.

Potential for rapid switch to El Niño conditions in discussion...



# National Significant Wildfire Potential Outlook



- General west and northward spread of Above Normal potential through the spring, except as altered by reality!
- Focus on mainly mid and low elevations and brush/grass fuel types short-term, but heavies are 'in the game' for sure come April > June.



# Surprises to Watch for in 2018

- Fuels complex (all live and dead wildland fuels) coming into rapid alignment for combustion during a very short time frame sometime later this spring/early summer:
  - Fire behavior that had been subdued by superficial moisture will increase exponentially when alignment is met.
  - Fires being managed under conditions moderated by superficial moisture will roar to life, and possibly defy any management/control efforts until the monsoon.



# 2018 Fire Season Factors Summary

**Drought** – Moderate to Severe drought ongoing area-wide

**Fine Fuels Condition** – Normal to above normal loading and continuity area-wide...especially eastern/southeastern plains

**Seasonal Temperature & Precipitation** – Very dry and mild winter with potential to transition into a dynamic and active late winter/spring

**Spring & early Summer Weather Pattern** – Variable spring pattern arguing against early, widespread fire activity. Might have to wait until APR/MAY to get fire effective weather alignment

**Monsoon** – Typical seasonal moisture onset & impacts. Still questions, but onset possibly early this year or at least 'on-time'

**Bottom Line: No clear, areas to 'rule out' of an active season at this point (although likely changeable spring pattern could alter that)**



# 2018 Seasonal Outlook Southwest Coordination Center



• Part 1

**Quantification of Fire Season Potential**

The below narratives provide the methodology used to develop the "Fire Season Considerations and Outlook" in Part 2.

- [Video \(16MB\)](#)
- [PowerPoint Presentation \(12MB\)](#)

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**Difficulty with Opening Video Files?**

Parts 1 video files were created using Camtasia software and saved in MP4 format. If you are having difficulty opening the files, we suggest downloading Apple QUICKTIME.

[Download Quicktime](#)

• Part 2

**2018 Fire Season Considerations and Outlook**

Postings are completed mid to latter part of the month:

- [PowerPoint Presentation \(9MB\)](#)
- [PDF Version \(6MB\)](#)

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**FACTORS & OUTLOOK MAP**

## 2018 Fire Season Factors Summary

1. **Drought** – Moderate to Severe drought ongoing area-wide.
2. **Fine Fuels Condition** – Normal to above normal loading and continuity area-wide....especially eastern/southeastern plains.
3. **Seasonal Temperature & Precipitation** – Very dry and mild winter with potential to transition into a dynamic and active late winter /spring.



## 2018 Seasonal Outlook

# Recent Fire Activity

### NM State Forestry Large Fires 2018

- Stateline Fire – Type 3
  - 28,000 acres in NM, CO, OK in March!
- 246 Fire (Capitan) – Type 3
  - On-going ... started April 12
  - 12 starts on the same day in state jurisdiction

### Current Large Fires in NM

- Diener Canyon – Bluewater
  - Managed as complex by Type I Team
- 246 Fire – see above

**FIRE SEASON IS HERE, AND IT IS ACTIVE!**



# 2018 Seasonal Outlook

## Recent Fire Activity

### Fuels and Fire Behavior Advisory Eastern New Mexico, Western Texas, Western Oklahoma, Southeastern Colorado and Western Kansas

Date Advisory takes affect – April 18, 2018

**Subject:** Exceptional fine fuel loading and persisting drought have combined continue to create dangerous fire behavior conditions across eastern New Mexico, western Texas, western Oklahoma, southeastern Colorado, and western Kansas. Extreme fire behavior has been observed under moderate fire weather conditions, and fires have shown a complete resistance to control during critical fire weather events.

**Discussion:** Above normal rainfall during the 2017 growing season has produced an abundance of fine fuel loading across the grass dominant fuelscape of the southern Plains. This exceptional crop of grass is supporting above normal significant fire occurrence and fires that are highly resistant to control. The current fire effective weather pattern has produced drying that has pushed ERC values above the 90<sup>th</sup> percentile. This same fire effective weather pattern produces frequent critical and at times extreme fire weather in the pre frontal and post frontal environments. The fire environment described here can produce fast moving fires that quickly out pace suppression efforts and are capable of threatening communities.

**Difference from normal conditions:** Fine fuels loadings are 130-150%+ of normal, with 2-4 foot tall grass observed in some areas. The above normal grass loading can effectively lower fire weather and fuel dryness thresholds for significant fire occurrence or fires highly resistant to control. These grass fuel beds will support rate of spread from 2-4 mph with critical fire weather present. Extreme fire weather will produce rate of spread up to 6-7 mph. Portions of the advisory area have received less than 25% of normal precipitation over the past 90 days. The March 15th County Line Fire north of Amarillo Texas produced rate of spread up to 6 mph in heavy load range grasses. The March 15th Gravel Pit fire shown here produced 15 foot flame heights in heavy load range grass.



#### Concerns to Firefighters and the Public:

- Extreme to unprecedented fire growth and intensity is to be expected with any new or ongoing fires, especially under critical fire weather conditions. This is to be expected on all areas of fire perimeters, including the normally less active flanks and heel.
- Typical barriers to fire spread and behavior cannot be depended on, including roadways and areas burned earlier in the year.
- Fire spread and behavior may not abate substantially during cooler, more humid periods as they typically do...including the overnight hours.
- The public will need to be advised to avoid areas in the vicinity of ongoing fires, monitor the media, and heed evacuation notices should fires occur near their homes or places of employment.

#### Mitigation Measures:

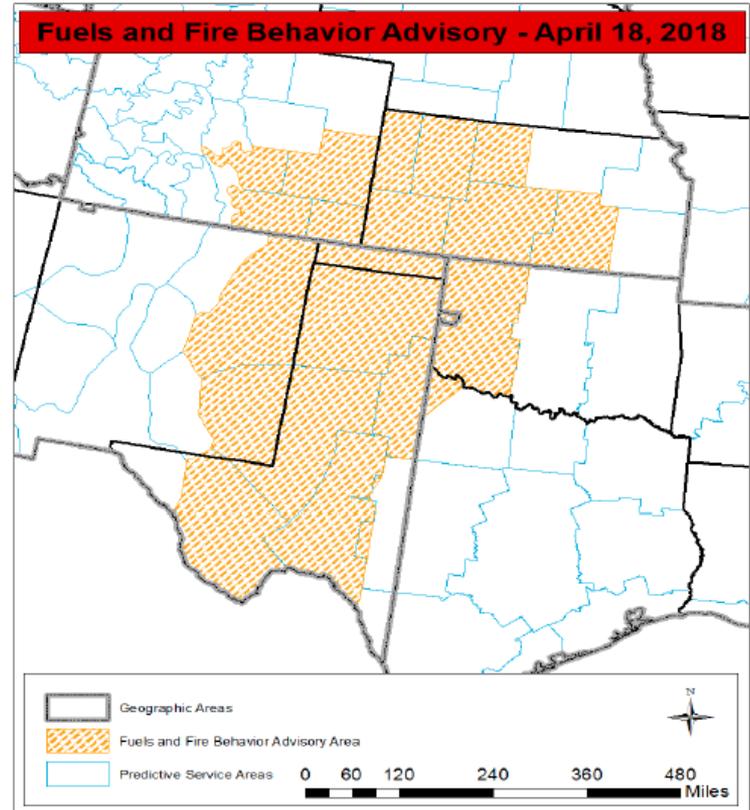
- Fire managers should be prepared to support periods of more frequent fire occurrence as well as complex, longer duration wildfire incidents; Firefighters should expect to construct wider control lines than typical in all fuel types; Dozers and maintainers will be best utilized in tandem; Wet-lines in fine fuels will require frequent patrol and intensive mop-up; Contained fires will require longer periods of patrol to prevent escape.

**Area of Concern:** Eastern New Mexico, western Texas, western Oklahoma, southeastern Colorado and western Kansas.

**Issued By:** Allan Hepworth, R8 USFS, with all-hands interagency coordination between wildland fire experts from the SW, RM, and SA Geographic Areas.

### Fuels and Fire Behavior Advisory Eastern New Mexico, Western Texas, Western Oklahoma, Southeastern Colorado and Western Kansas

Date Advisory takes affect – April 18, 2018





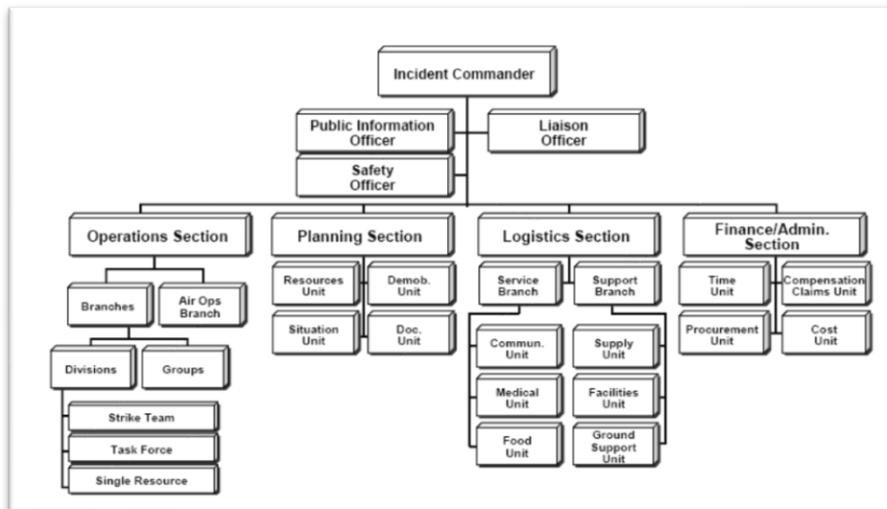
# Initial Attack vs. Extended Attack

- Initial Attack
  - Most fires suppressed at this stage
  - 24 hours or less
- Extended Attack
  - When the fire exceeds initial attack capabilities



# Incident Management Incident Command System

## INCIDENT COMMAND SYSTEM



**Widely used in emergency management**

- Key concept is the: **Span of Control** where no one person oversees more 9...ideally 5-7.
- Can **expand** and **contract** as needed.
- **Command Staff:** Safety Officer, Information Officer, Liaison Officer, Agency Rep work directly for IC.
- **General Staff:** Operations Chief, Plans Chief, Logistics Chief, and Finance Chief oversee key functions.



# Incident Management Teams

## TEAMS (pre-designated)

- Type 1
- Type 2
- Type 3

## ORGANIZATIONS (incident only)

- Type 3
- Type 4
- Type 5



**Complexity:** duration, size, values at risk, #s of resources, multiple jurisdictions, etc. etc. etc.



# Liaison Officer & Cooperator's Meetings

## Liaison Officer

- If you are not directly assigned to a task in the incident, then your key contact on a large fire is the: **Liaison Officer**
- **Cooperator's Meeting:** often daily with Type 1 & 2 IMTs. IC often attends. More indepth briefings. Coordinate needs and equipment. Plan ahead.
- Often excellent collaborative environment with Incident Management Teams.



# Information NM Fire Info

- Statewide Website, pushes out to:
  - Facebook
  - Twitter
  - Other social media

## New Mexico Fire Information

[Home](#) [About](#) [Information](#) [Smoke Management](#) [Links](#) [Contacts](#)

### Firefighters Make Progress Utilizing Favorable Weather

APRIL 15, 2018 BY [CIBOLANFG](#) 0 COMMENTS

The Diener Canyon Fire (6,106 acres) is burning on Mount Sedgwick within the old fire scar from 2004. The Bluewater fire (2,532 acres) is located approximately 4 miles north of the Diener Canyon Fire on Salitre Mesa. On Saturday afternoon firefighters engaged in a successful firing operation on the west end of the Diener Canyon Fire, [...]

[Continue reading →](#)

NM Fire Info

### Closures Implemented for Bluewater and Diener Canyon Fire Area

APRIL 15, 2018 BY [CIBOLANFG](#) 0 COMMENTS

April 14, 10:00 p.m. The Cibola National Forest has temporarily closed a portion of the Mt. Taylor Ranger District encompassing the Bluewater and Diener Canyon Fires. The closure area includes all of the land contained within the following boundary: beginning where Highway 612 ends and Forest Service Road (FSR) 178 begins, FSR 178 to the [...]

### Fire Restrictions and Closures

Click for information or call 1-877-864-6985

**ONE LESS SPARK ONE LESS WILDFIRE**

Protect Your Health If It Is Smoky Outside  
**Use the 5-3-1 Visibility Method**  
Learn how at <https://nmtracking.org/fire>

### Fire Maps

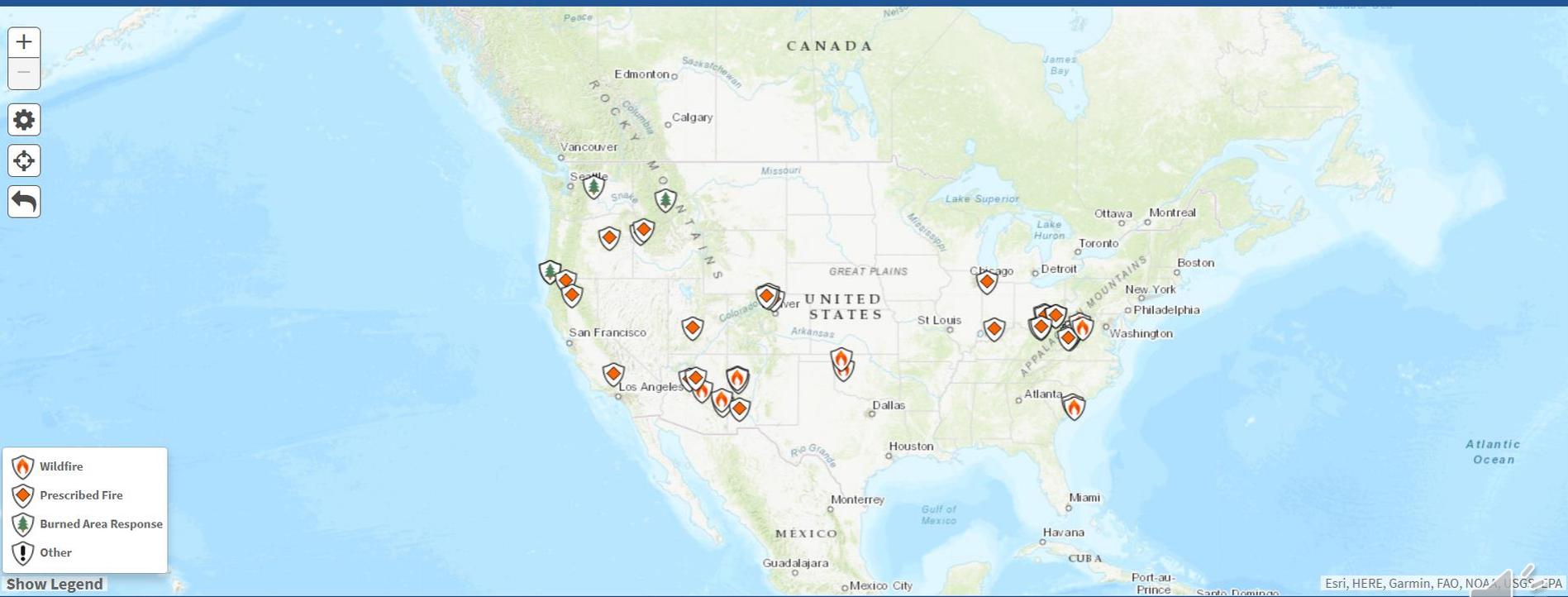
- [SouthWest Region Current Fire Map](#)
- [Fire Map Resources](#)

# Information InciWeb

- National Website:
  - All large incidents
  - Media, agency, well-informed public
  - Interagency, one-stop source of information

 InciWeb - Incident Information System

Search incidents 



Esri, HERE, Garmin, FAO, NOAA, USGS, EPA

InciWeb - Incident Information System

Search Incidents



**Diener Canyon Fire**

Incidents Type: Wildfire  
 Updated: 1:22 hrs. ago  
 Size: 1,000 Acres

**Diener Canyon Fire**

Twitter Facebook LinkedIn

**Unit Information**

Cibola National Forest  
 U.S. Forest Service  
 2113 Quana Rd. NE  
 Albuquerque, NM  
 87113

**Incident Contact**

Cindy Wells  
 Phone: 505-425-7875  
 Hours: Friday 8am - 8pm

Information Announcements Closures News Photographs Maps

**Highlighted Activity**

**Firefighters Make Progress Utilizing Favorable Weather** 04/15/2015  
 Firefighters Make Progress Utilizing Favorable Weather: The Diener Canyon Fire (3,100 acres) is burning on Mount Sedgewick within the old fire scar from 2004. The Bluewater fire (2,550 acres) is located...  
 News - 04/15/2015

**Incident Overview**

**Firefighters Make Progress Utilizing Favorable Weather**

The Diener Canyon Fire (3,100 acres) is burning on Mount Sedgewick within the old fire scar from 2004. The Bluewater fire (2,550 acres) is located approximately 4 miles north of the Diener Canyon Fire on Salton Mesa.

On Saturday afternoon firefighters engaged in a successful firing operation on the west end of the Diener Canyon Fire, taking advantage of lighter winds. Low intensity fire backed downhill to Forest Road 175, efficiently consuming ignitables in the process.

On the north side of the Bluewater fire windrows of dead uprooted juniper trees were consumed and helicopters dropped water on flames in north side canyons where ponderosa pine timber predominates.

Today, firefighters plan to complete a burn out between Forest Road 422 and the east flank of the Diener Canyon fire while conditions are favorable, in anticipation of Red Flag conditions on Monday. Fire crews will work directly on the fire's edge on the Bluewater fire. Three helicopters are available to assist in these efforts. Structure Protection crews will continue to assess preparation needs in the La Jara subdivision. Residents of Bluewater Acres, Bluewater Village, Plano Colorado Estates and La Jara subdivisions continue to be under a pre-evacuation notice. In the event of an evacuation, an evacuation center is located at Oremo High School, and the Oremo Rodeo Grounds can be used to house livestock. Smoke-sensitive individuals and people with respiratory or heart disease are encouraged to take precautionary measures. Information on air quality and protecting your health can be found online at the New Mexico Department of Health's website at <https://nmhealth.org/fire>. Fire investigators have determined that multiple spot fires from the Redondo Prescribed Burn started the Diener Canyon Fire. A closure order has been issued for the Forest in the area of the wildfire. Bluewater Lake State Park is also closed to the public. A Temporary Flight Restriction over the fire area is in place.

Bluewater and Diener Canyon Fire Information:  
 Web: <http://inciweb.org>  
 Facebook: [www.facebook.com/cibola1nt](http://www.facebook.com/cibola1nt)  
 Twitter: @cibola\_1nt  
 Bluewater Fire - InciWeb: <https://inciweb.nvsg.gov/incident/3742/>  
 Diener Canyon Fire - InciWeb: <https://inciweb.nvsg.gov/incident/3743/>

**Incident Information**

Basic Information		Current Situation	
Current as of	4/15/2015, 12:47:45 PM	Size	1,000 Acres
Incident Type	Wildfire		
Cause	Under Investigation		
Coordinates	32.181 latitude, -105.125 longitude		

**Current Weather**

Weather Concerns: Wind gusts forecasted to reach approximately 40 mph today.

**Recent Articles**

**Firefighters Make Progress Utilizing Favorable Weather**  
 News - 1:42 hrs. ago

**Closures Implemented for Bluewater and Diener Canyon Fire Area**  
 Closure - 4 hrs. ago

**Southwest Area Type 1 Team Managing Bluewater and Diener Canyon Fires**  
 News - 1 day ago

**Bluewater and Diener Canyon Fire Evening Update 4/15/2015**  
 News - 2 days ago

**Related Links**

National Fire Situational Awareness (NFSA) Tool

**Incident Cooperators**

Bureau of Indian Affairs  
 National Park Service  
 Bureau of Indian Affairs Salma Tunli Crews  
 New Mexico State Forestry

# Information InciWeb

## • Webpage includes:

- Information
- Announcements
- Closures
- Photos
- Maps

## • Information includes:

- Highlights
- Overview
- Statistics
- Related Articles
- Recent Links



# Information Social Media



Twitter



Facebook



Instagram

## • Social Media:

- Often can spread erroneous information
- “Official” sites will limit access to posting
- Other social media

New Mexico State Forestry

NEW MEXICO STATE FORESTRY

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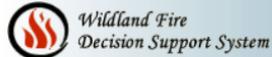
Photos

Government Organization in Santa Fe, New Mexico  
4.8 ★★★★★

ABOUT NEW MEXICO STATE FORESTRY Chat



# Wildland Fire Decision Support System (WFDSS)



- Home
- About WFDSS
- What's New In WFDSS
- Training Resources
- NWCG Training WFDSS Courses
- Data
- Related References
- WFDSS Help
- Sign In to Production
- Sign In to Training
- Request Account

## Welcome!

### Wildland Fire Decision Support System

Welcome to the Wildland Fire Decision Support System (WFDSS)!

**Note:** Click [WFDSS Known Issues](#) to see the list of the most current issues and suggested workarounds for WFDSS.

This system assists fire managers and analysts in making strategic and tactical decisions for fire incidents. It has replaced the WFSA (Wildland Fire Situation Analysis), Wildland Fire Implementation Plan (WFIP), and Long-Term Implementation Plan (LTIP) processes with a single process that is easier to use, more intuitive, linear, scalable, and progressively responsive to changing fire complexity.

WFDSS integrates the various applications used to manage incidents into a single system, which streamlines the analysis and reporting processes.

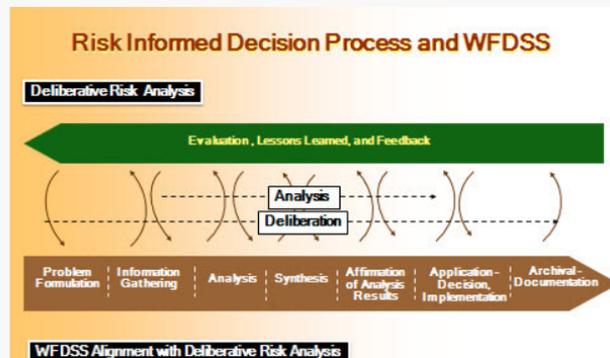
WFDSS provides the following advantages over previous systems:

- Combines desktop applications for fire modeling into a web-based system for easier data acquisition.
- Provides an easy way for fire managers and analysts to accurately document their decision-making process by allowing results of analyses to be attached to the decision point and included in the final incident report.
- Provides one decision process and documentation system for all types of wildland fires.
- Is a web-based application for easier sharing of analyses and reports across all levels of the federal wildland fire organization.
- Introduces economic principles into the fire decision process.

Before you log into WFDSS, make sure you read and understand the system [Rules of Behavior](#).

WFDSS follows an analytic deliberative process for decision making. The following graphic displays this process. Click [here](#) for further information.

**Figure 1: Risk Informed Decision Process and WFDSS**



Google Search  
 only search WFDSS Website

### Hot Picks

- [What You Need to Know About WFDSS - 2018](#)
- [6.0 Release New Functionality and Enhancements](#)
- [Geographic Area Editor Reference Guide](#)
- [WFDSS Known Issues](#)
- [Changing Incident Map Preferences](#)
- [RD&A Survey](#)
- [An Author's Guide to WFDSS Decision Making](#)
- [Backup WFDSS Incident Reporting Form](#)
- [WFDSS & the iRWIN Data Exchange Service: Working in a Connected World](#)
- [Spatial Fire Planning Guide](#)
- [GA Editor Calendar](#)
- [Join the WFDSS Support Videos Channel on YouTube!](#)
- [WFDSS Lite](#)

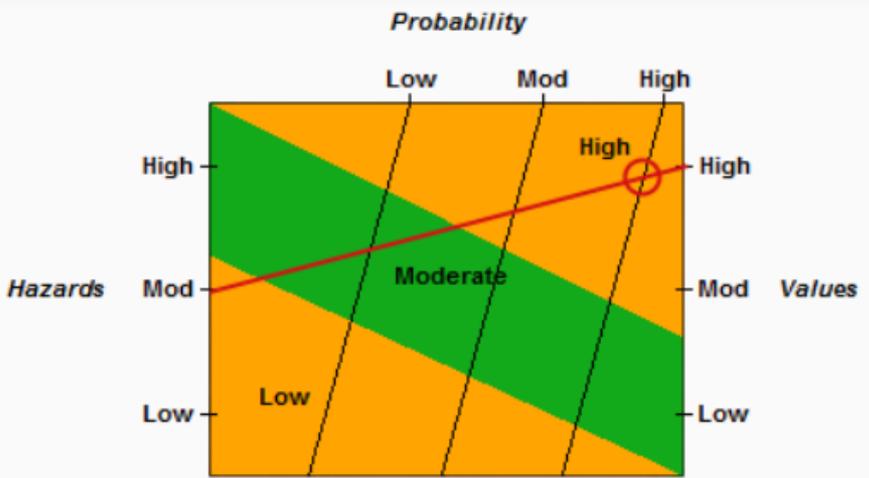


**WFDSS Help Desk**  
<https://iia-hd.peckham-enclave.us/>  
 (Add WFDSS to subject line)  
 +1 866.224.7677 or  
 1 616-323-1667

**Analysis & Decision Content Support**  
 +1 208-473-8107

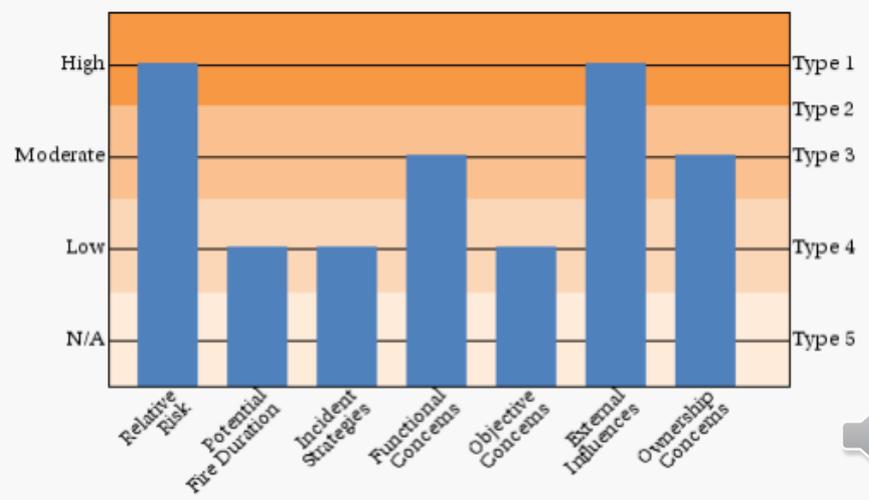
# Pre-planning WFDSS input

Relative Risk	
NAME	VALUE
Relative Risk	High
Duration	Low



- Wildland Fire Decision Support System (WFDSS)
  - National System
  - Access limited
  - Documents decision making

Organization Assessment	
NAME	VALUE
Unit Recommended Ora	Type 3



- Geospatial Information
  - Can pre-load important data
  - Access by juridistical agencies
  - Documents decision making

32 CDT



# Pre-planning Pre-existing Relationships

- Communities that work together on projects before the fire respond much better together during emergencies
- Ways to work together...
  - Firewise Designation
  - Community Wildfire Protection Plans
  - Evacuation Planning
  - Treatment coordination through Watershed/Fireshed collaborations
  - Other programs, events, etc.



# Large Fire Response...

## Questions?

*Preparing for Large Wildfires in New Mexico' Workshops were implemented under a sub-grant from the New Mexico Department of Homeland Security and Emergency Management (NM DHSEM) with funding provided by the Federal Emergency Management Agency (FEMA). Points of view or opinions expressed are those of the authors and do not necessarily represent the official position or policies of NM DHSEM or FEMA.*

