### WFDSS NextGen

Focus Group Session 6 – Relative Risk (RR) & Organization Assessment (OA)

### WFDSS Next Gen — RR & OA follow PMS 236- NWCG Wildland Fire Risk and Complexity Assessment

 <u>https://www.nwcg.gov/sites/default</u> /files/publications/pms236.pdf



#### NWCG Wildland Fire Risk and Complexity Assessment, PMS 236

The NWCG Wildland Fire Risk and Complexity Assessment should be used to evaluate firefighter safety issues, assess risk, and identify the appropriate incident management organization. Determining incident complexity is a subjective process based on examining a combination of indicators or factors. An incident's complexity can change over time; incident managers should periodically re-evaluate incident complexity to ensure that the incident is managed properly with the right resources.

#### Instructions:

Incident Commanders should complete Part A and Part B and relay this information to the Agency Administrator. If the fire exceeds initial attack or will be managed to accomplish resource management objectives, Incident Commanders should also complete Part C and provide the information to the Agency Administrator.

#### Part A: Firefighter Safety Assessment

Evaluate the following items, mitigate as necessary, and note any concerns, mitigations, or other information.

Evaluate these items	Concerns, mitigations, notes
Lookouts, Communication, Escape Routes, and Safety Zones (LCES)	
Fire Orders and Watch Out Situations.	
Multiple operational periods have occurred without achieving initial objectives.	
Incident personnel are overextended mentally and/or physically and are affected by cumulative fatigue.	
Communication is ineffective with tactical resources and/or dispatch.	
Operations are at the limit of span of control.	
Aviation operations are complex and/or aviation oversight is lacking.	
Logistical support for the incident is inadequate or difficult.	

NWCG Wildland Fire Risk and Complexity Assessment

# WFDSS Next Gen – Search for the incident. Once you hover over the name, it will turn blue to indicate it is a clickable link.



#### Incidents



WFDSS Next Gen – Click VIEW to access the decision process. If it is the first time an incident decision process has been entered, the user will need to INITIATE RECORD in order to proceed.



## WFDSS Next Gen —Click the Relative Risk Icon to access the relative risk inputs (located on the right-hand side)



WFDSS Next Gen — The user can step through the inputs to the RR. WFDSS is working on providing onscreen help/guidance from PMS 236. The RR will start with the Probability inputs to ensure that the Time of Season, Seasonal Severity and Barriers to Fire Spread are considered for the remaining inputs.



WFDSS Next Gen — The user will be provided links, map bookmarks or displays of pertinent information to inform the various inputs for Relative Risk and Org Assessment. Below is the Probability of Season ending event graph that currently can be calculated in the Risk Management Dashboard (RMA). WFDSS will automatically calculate the graph for the user.



	•	
Rationale	Periodic Assessment	III MOR
Relative Risk		
Probability		
^ Time of Season		
Time Of Season		
◯ Early ◯ Mi	ddle 🔘 Late	
Time of Season Narrative		
Testing Time of Seas assist in determining the RMA dashboard. automated fire plann	son. WFDSS will provide a Season Ending the Time of Season. The analysis is cun WFDSS will automatically run the analys ing area.	) Analysis to rently found in is based on an
<ul> <li>Seasonal Severit</li> </ul>	ŷ.	
Seasonal Severity		
O Low / Moderat	e 🔿 High 🔿 Very High / Extreme	
Seasonal Severity No	arrative	

### WFDSS Next Gen – Continuation of Probability inputs



### WFDSS Next Gen – Hazard Assessment



## WFDSS Next Gen – Continuation of Hazard assessment and moving into Values assessment



#### WFDSS Next Gen – Continuation of the Values Assessment



WFDSS Next Gen — Summary Results of the RR based on the PMS 236 process. User will need to choose a Relative Risk Rating and provide a narrative. Users will need to SAVE. Users can Mark as Complete to use results in the Organization Assements (OA).

Incident Loa

6		Rationale	Periodic	Assessment	MORs
< >		Relative Risk			
	F	Relative Risk Ratii	ng s		
Jun P		Probability	Time of Season	Barriers to Fire Spread	Seasonal Severity
			Late	Few	High
		Hazard	Fuel Conditions	Fire Behavior	Potential Fire Growth
			Moderate	Moderate	Moderate
		Values	Infrastructure/ Natural/ Cultural Concerns	Proximity and Threat of Fire to Values	Social/ Economic Concerns
15 6			Moderate	Moderate	Moderate
Powered by Earl		] Mark as Complete		SAV	CANCEL

0	Rationale		Periodic /	MORs			
>	Relative Ri	sk					
0	Values		Concerns	Values	Concerns		
/			Moderate	Moderate	Moderate		
~	Rating	Tally	Relative Risk Rating F	Recommendation			
S	Low	1	Majority of the items and/or High	are Low, with a few item	s marked Moderate		
AN.	Moderate	7	Majority of the items and/or High	are Moderate, with a fee	w items marked Low		
Mation	High	1	Majority of the items are High, with a few items marked Low or Moderate				
	Relative Risk R Low Relative Risk Rating Document why	ating ) Modera Narrative the relativ	te 🔵 High ve risk rating was select	ed			
ed by Earl	] Mark as Co	mplete		SAV	E CANCEL		

Incident Log

### WFDSS Next Gen – NOTE: The process icons become dark once the user has visited them. The greyed-out icons still need to be visited/entered.



WFDSS Next Gen – Organization Assessment – begins with a summary of the Relative Risk Assessment. The image below is still in development. The RR does not currently populate the OA. Buttons are for testing the OA. The RR will be displayed with the results and justification. User will proceed to other inputs.

Relative Risk Rating            • Relative Risk Rating             • Relative Risk Rating             • Relative Risk Rating             • Relative Risk Rating             • Probability             Probability             Hazard             Hazard             Values             Values             Moderate             Moderate             Moderate             Moderate             Moderate             Moderate             Moderate	> Ci	irrent Org Ass	essment		
Junction         Time of Season         Barriers to Fire Spread         Seasonal Severity           Probability         Late         Few         High           Hazard         Fuel Conditions         Fire Behavior         Potential Fire Growth           Hazard         Moderate         Moderate         Moderate           Values         Infrastructure/ Natural / Cultural Concerns         Proximity and Threat of Fire to Values         Social/ Economic Concerns	Rel	lative Risk Rat Relative Risk Rat	ting		
Late         Few         High           Hazard         Fuel Conditions         Fire Behavior         Potential Fire Growth           Hazard         Fuel Conditions         Fire Behavior         Potential Fire Growth           Moderate         Moderate         Moderate         Moderate           Values         Infrastructure/ Natural/Cultural Concerns         Proximity and Threat of Fire to Values         Social/ Economic Concerns           Moderate         Moderate         Moderate         Moderate	100 Martin	Probability	Time of Season	Barriers to Fire Spread	Seasonal Severity
Hazard Fuel Conditions Fire Behavior Potential Fire Growth Moderate Moderate Moderate Values Infrastructure/ Values Moderate Moderate Moderate	12		Late	Few	High
Moderate         Moderate         Moderate         Moderate           Values         Infrastructure/ Natural/ Cultural Concerns         Proximity and Threat of Fire to Values         Social/ Economic Concerns           Moderate         Moderate         Moderate         Moderate	30	Hazard	Fuel Conditions	Fire Behavior	Potential Fire Growth
Values         Infrastructure/ Natural/ Cultural Concerns         Proximity and Threat of Fire to Values         Social/ Economic Concerns           Moderate         Moderate         Moderate         Moderate	5		Moderate	Moderate	Moderate
Moderate Moderate Moderate	on	Values	Infrastructure/ Natural/ Cultural Concerns	Proximity and Threat of Fire to Values	Social/ Economic Concerns
170	6		Moderate	Moderate	Moderate

Incident Log

					Incide	nt Log
<b>OA</b>	Rationale		Periodic /	Assessment		)Rs
	Current Org A	ssessmen				^
(186)	Rating	Tally	Relative Risk Rating R	ecommendation		ן ר
ACKSON HOLE	Low	1	Majority of the items and/or High	are Low, with a few iter	ns marked Moderate	
1	Moderate		Majority of the items and/or High	are Moderate, with a fe	w items marked Low	
	High	1	Majority of the items Moderate	are High, with a few ite	ms marked Low or	
7 7 1 5 10	For testing put Selection MAKE LOW	poses only MAKE ME	Use the following but	tons to change the rea	d-only Relative Risk	
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### WFDSS Next Gen – OA Implementation of Difficulty Assessment



## WFDSS Next Gen – Implementation of Difficulty and Socio/Political Concerns



### WFDSS Next Gen – Continuation of Socio/Political Elements



## WFDSS Next Gen — Result summary for the Organization Assessment



WFDSS Next Gen — OA Final Assessment summary. User will need to choose a Recommended Organization and provide a narrative. Users will need to SAVE. Mark as Complete is in development and intended to push the SAVED content to other portions of the application.



#### WFDSS Next Gen – RR & OA Recap

- Process and inputs as described in PMS 236 NWCG Wildland Fire Risk and Complexity Assessment
- Onscreen guidance from the PMS 236
- Users select Relative Risk Rating and Organization Type based on summary of inputs
- Users provide a narrative for the selections
- Users SAVE and Mark as Complete
- RR/OA can NOT be updated independent of the decision
  - They can be updated prior to publishing
  - After publishing, they can be updated but will require a new decision.