

COMPLEXITY ANALYSIS

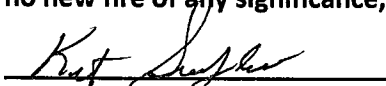
INCIDENT NAME: Modoc Lightning Complex

DATE: 7/27, 19:00

INCIDENT COMPLEXITY ANALYSIS		YES	NO
A. FIRE BEHAVIOR			
1. Burning index (from on-site measurement of weather conditions) predicted to be above the 90% level using the major fuel model in which the fire is burning.		X	
2. Potential exists for extreme fire behavior (fuel moisture, winds, etc.)			X
3. Crowning, profuse or long-range spotting.			X
4. Weather forecast indicating no significant relief or worsening conditions.		X	
TOTAL		2	2
B. RESOURCES COMMITTED			
1. 200 or more personnel assigned.		X	
2. Three or more divisions.		X	
3. Wide variety of support personnel.			X
4. Substantial air operation which is not properly staffed.			X
5. Majority of initial attack resources committed.			X
TOTAL		2	3
C. RESOURCES THREATENED			
1. Urban interface.			X
2. Developments and facilities.			X
3. Restricted, threatened, or endangered species habitat.		X	
4. Cultural sites.		X	
5. Unique natural resources, special-designation areas, wilderness.			X
6. Other special resources.			X
TOTAL		2	4
D. SAFETY			
1. Unusually hazardous Fireline construction.			X
2. Serious accidents or fatalities.			X
3. Threat to safety of visitors from fire and related operations.			X
4. Restrictions and/or closures in effect or being considered.			X
5. No night operations in place for safety reasons.			X
TOTAL		0	5
E. OWNERSHIP			
1. Fire burning or threatening more than one jurisdiction.			X
2. Potential for claims (damages).		X	
3. Different or conflicting management objectives.			X
4. Disputes over suppression responsibility.			X
5. Potential for unified command.			X
TOTAL		1	4

INCIDENT COMPLEXITY ANALYSIS		YES	NO
F. EXTERNAL INFLUENCES			
1. Controversial fire policies.			X
2. Pre-existing controversies/relationships.			X
3. Sensitive media relationships.			X
4. Smoke management issues.			X
5. Sensitive political interests.			X
6. Other external influences.			X
TOTAL		0	6
G. CHANGE IN STRATEGY			
1. Change in strategy.			X
2. Large amounts of unburned fuel within planned perimeter.			X
3. WFDSS invalid or requires updating.			X
TOTAL		0	3
H. EXISTING OVERHEAD			
1. Worked two operational periods without achieving initial objectives.			X
2. Existing management organization ineffective.			X
3. Overhead overextended mentally and/or physically.			X
4. Incident action plans, briefing, etc. missing or poorly prepared.			X
TOTAL		0	4

RATIONALE: This was the first shift of the incident for the team. All fires are contained, one new fire contained. Biggest fires is approximately 30 acres. With one more shift of mop-up & patrol, and given no new fire of any significance, this complex will likely have the characteristics of a Type 4 incident.



Kent Swartzlander, Incident Commander