COMPLEXITY ANALYSIS

INCIDENT NAME: Modoc Lightning Complex **DATE: 7/28, 09:30**

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.	1	
TOTAL	1	3
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	0	6
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	1	4
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: Incident size has been re-calculated to 64 acres. Today three Divisions were staffed minimally. Given no new ignitions incident will have the characteristics of a Type 4 incident as there will be less than 30 personnel and a single division fire.

Kent Swartzlander, Incident Commander

Guide to Completing the Incident Complexity Analysis.