

## Complexity Analysis Matrix

Fire Reference #

<b>Complexity Analysis Matrix</b>		
<b>Fire Behavior</b>	<b>YES</b>	<b>NO</b>
Fuels extremely dry and susceptible to long-range spotting or you are currently experiencing extreme fire behavior.		
Weather forecasts indicating no significant relief or worsening conditions.		
Current or predicted fire behavior dictates indirect control strategy with large amounts of fuel within the planned perimeter.		
<b>Firefighter Safety</b>	<b>YES</b>	<b>NO</b>
Performance of firefighting resources affected by cumulative fatigue.		
Overhead overextended mentally and/or physically.		
Communications ineffective with tactical resources or dispatch		
<b>Organization</b>	<b>YES</b>	<b>NO</b>
Operations are at the limit of span or control.		
Incident action plans, briefing, etc. missing or poorly prepared.		
Variety of specialized operations, support personnel or equipment.		
Unable to properly staff air operations.		
Limited local resources available for initial attack.		
Heavy commitment of local resources to logistical support.		
Existing forces worked 24 hours without success.		
Resources unfamiliar with local conditions and tactics.		
<b>Values to be protected</b>	<b>YES</b>	<b>NO</b>
Urban interface: structures, developments, recreational facilities, or potential for evacuation.		
Fire burning or threatening more than one jurisdiction and potential for unified command with different or conflicting management objectives.		
Unique natural resources, special-designation area, critical municipal watershed, threatened and endangered species habitat, cultural value sites.		
Sensitive political concerns, media involvement, or controversial fire policy.		

If you have checked “Yes” on 3 to 5 of the analysis boxes, consider requesting the next level of incident management support.