

## Current Fire Situation

- Level Of Service (LOS)
- Fuels
- Severe Fire Weather



## Current Fire Situation:

### Ignition Workload Assessment (Level of Service)

The legislature has charged the State Board of Forestry and CDF with delivering a fire protection system that provides an equal level of protection to lands of similar type (PRC 4130). To do this, the department utilizes an analysis process that will define a level of service rating that can be applied to the wildland areas in California to compare the level of fire protection being provided. The rating is expressed as the percentage of fires that are successfully suppressed with initial-attack resources. Success is defined as those fires that are controlled before unacceptable damage and costs are incurred.

Level of service focuses on identifying areas throughout the Unit with the potential for unacceptable loss and high suppression costs. In the assessment, Unit staff has analyzed data by damage, intensity, vegetation type, and initial attack success or failure from 1991 through 2001.

Total SRA fires (1991 - 2001):	2447
Successful Initial Attacks:	2286

  
$$\text{Level of Service} = \frac{\text{Total SRA Fires}}{\text{Successful Initial Attacks}} = \boxed{94\%}$$

The Level of Service (LOS) score is intended as a tool to measure the effectiveness of initial attack success vs. failure when compared to other areas of the state. Unfortunately, some local factors are not taken into consideration, such as travel difficulty, resource drawdown, and concurrent incidents.