FRAP
Fire and Resource Assessment Program
California Department of Forestry and Fire Protection

SOUTHERN CALIFORNIA

OCTOBER 2003 FIRES WITH SURFACE FUELS
FIRE BEHAVIOR PREDICTION SYSTEM

PIRU
10/31/03

SIMI
10/31/03

PADUA
10/30/03

GRAND PRIX
11/01/03

OLD
11/02/03

CEDAR
11/05/03

ROBLAR
10/25/03

PARADISE
10/25/03

OTAY
10/27/03

LMOUNTAIN
10/29/03

GRASS DOMINATED		TIMBER LITTER		CUSTOM MODELS	
1		8		14	Young Plantation
2		9		15	Desert
3		10		28	Urban
BRUSH		SLASH		97	Agriculture
4		11		98	Water
5		12		99	Barren
6					

CDF FRAP develops surface fuel maps by translating vegetation data from a variety of sources into stylized fuel models for use in computerized fire behavior models. The translation process uses the height, density, and size of vegetation, or plant species, crown cover and tree size into 13 standard and 8 custom fire behavior models. The crosswalk process uses other factors, such as watershed boundaries, slope, aspect and elevation, to further refine vegetation/fuel model assignments. FRAP also creates "modified" versions of these models, which characteristics based on "time since last burned", to account for both initial changes in fuels resulting from fuel consumption by the fire and for vegetation regrowth. For a detailed description of the data and methods please visit http://frap.cdf.ca.gov/projects/fire_data.

N
W E
S

0 5 MILES
0 10 KILOMETERS

Projection Albers
Scale 1:350,000
at 46" x 34"
December 01, 2003

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Obtain FRAP maps, data, metadata and publications on the Internet at http://frap.cdf.ca.gov
or from CDF-FRAP, 1920 20th Street, Sacramento, CA 95814, (916) 227-2651.

Arnold Schwarzenegger, Governor,
State of California
Michael Chrisman, Secretary for Resources,
The Resources Agency
Andrea E. Tuttle, Director,
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MAP ID: sc_fuels.map

DATA SOURCES
CDF Fuels Data, v03_1

1:100,000 USGS DLGs
TIGER 2000 Roads