California's Forests and Rangelands:
The 2010 Assessment

STATE OF CALIFORNIA

PRIORITY LANDSCAPE
for Water Supply

High
Medium
Low

Hydrologic Regions
Counties

This priority landscape identifies areas where the greatest threats to water supply overlap with areas with the greatest water supply assets. They are meant to suggest landscapes that are the highest priority for promoting water supply. The threats to water supply used in this analysis are impervious surfaces, snowpack decline due to climate change, and development pressure. The assets used in this analysis to indicate water supply are mean annual runoff, water storage watersheds, groundwater basins, and forest meadows.

Klamath-Northern California Coastal
North Lahontan
Sacramento
San Francisco Bay
San Joaquin
Central California Coastal
Tulare-Buena Vista Lakes
South Lahontan
Southern California Coastal
Lower Colorado

OREGON
NEVADA
ARIZONA
MEXICO
PACIFIC OCEAN

Eureka
Redding
Sacramento
San Francisco
Los Angeles
San Bernardino
Fresno
Bakersfield
SanDiego

Del Norte, Siskiyou, Modoc, Humboldt, Trinity, Shasta, Lassen, Tehama, Plumas, Glenn, Butte, Sierra, Mendocino, Colusa, Yuba, Nevada, Lake, Sutter, Placer, Yolo, El Dorado, Sonoma, Napa, Sacramento, Amador, Solano, Calaveras, Marin, Contra Costa, San Joaquin, Tuolumne, Alameda, Stanislaus, Mariposa, San Mateo, Santa Clara, Merced, Madera, Santa Cruz, San Benito, Fresno, Inyo, Monterey, Tulare, Kings, San Luis Obispo, Kern, Santa Barbara, San Bernardino, Ventura, Los Angeles, Riverside, Orange, San Diego, Imperial

N W E S

0 25 50 75 100 Miles
0 50 100 150 200 Kilometers

California Teale Albers, NAD 1983
Scale 1:1,000,000
at 36" x 48"
June 18, 2010

Priority landscapes: For the 2010 Assessment, suggested priority landscapes were created using the best available data sources, subject to constraints on available time and resources. This included nationwide, statewide, and local data sources. Detailed methodology for creating each Assessment chapter's priority landscapes is available at http://frap.cdf.ca.gov/assessment2010.html. Priority landscapes are intended to provide a reasonable depiction when viewed over broad areas, based on varying asset values and threat levels, and are not appropriate at the project or parcel level.

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Obtain FRAP maps, data, metadata and publications on the Internet at http://frap.cdf.ca.gov
For more information, contact CAL FIRE-FRAP, PO Box 944246, Sacramento, CA 94244-2460, (916) 327-3939.

Arnold Schwarzenegger, Governor,
State of California
Lester A. Snow, Secretary for Resources,
The Natural Resources Agency
Del Walters, Director,
Department of Forestry and Fire Protection

DATA SOURCES

Priority Landscape (pl_t31_a209_2);
Groundwater Basins, Calif Dept of Water Resources (2009);
Watershed Boundaries Database for California, NRCS (2009);
Statewide Land Use / Land Cover Mosaic (input_fveg06_2), FRAP (2006);
Climate Change Scenarios and Sea Level Rise Estimates, Calif Energy Commission (2009);
Monthly Storage in Major Reservoirs, Calif Dept of Water Resources (2009);
Thornthwaite Water Balance Model, McCabe and Markstrom, USGS (2007)
Commission on Local Governance for the 21st Century (2000);
PRISM Climate Data, Oregon State University (1971-2000);
National Inventory of Dams, U.S. Army Corps of Engineers (2009);
ICLUS, U.S. Environmental Protection Agency (2009);
Sierra Nevada Montane Meadows, USFS R5 (2000);
USGS National Hydrography Dataset (2009);
USGS National Land Cover Dataset (2001);
USGS 1:100,000 DLGs