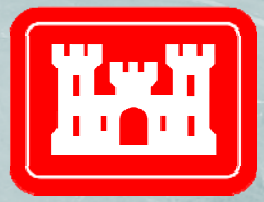
floodSAFE CALIFORNIA

Forecast-Coordinated Operations (F-CO) 2011Activities

Boone Lek
Reservoir Coordinated Operations Section
November 3, 2011

Current Partners

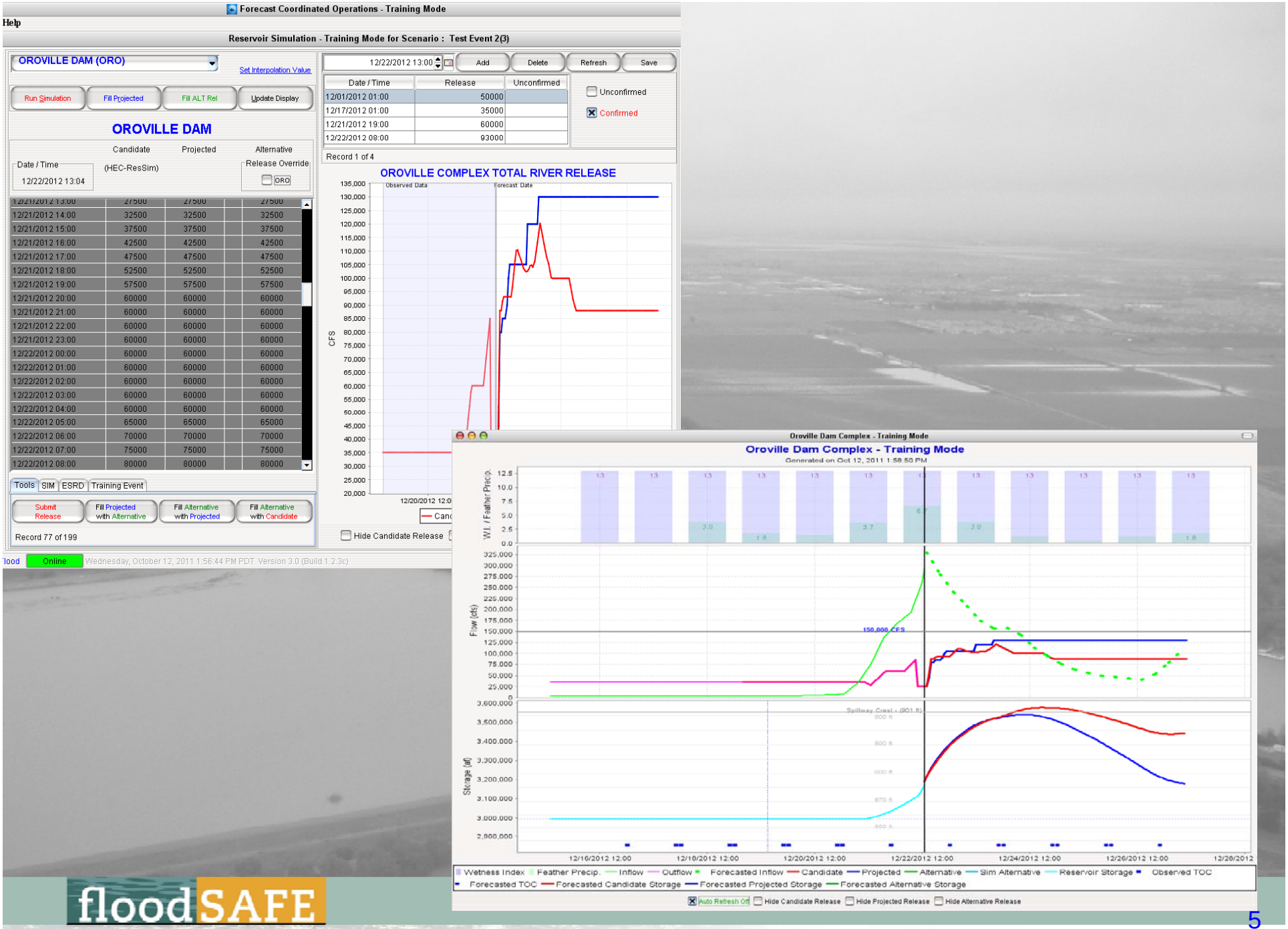


F-CO Activities: 2010-11

- Yuba-Feather
- San Joaquin
- Grant Program
- 2011-12 Preview

Yuba-Feather Update

- Web Application Update



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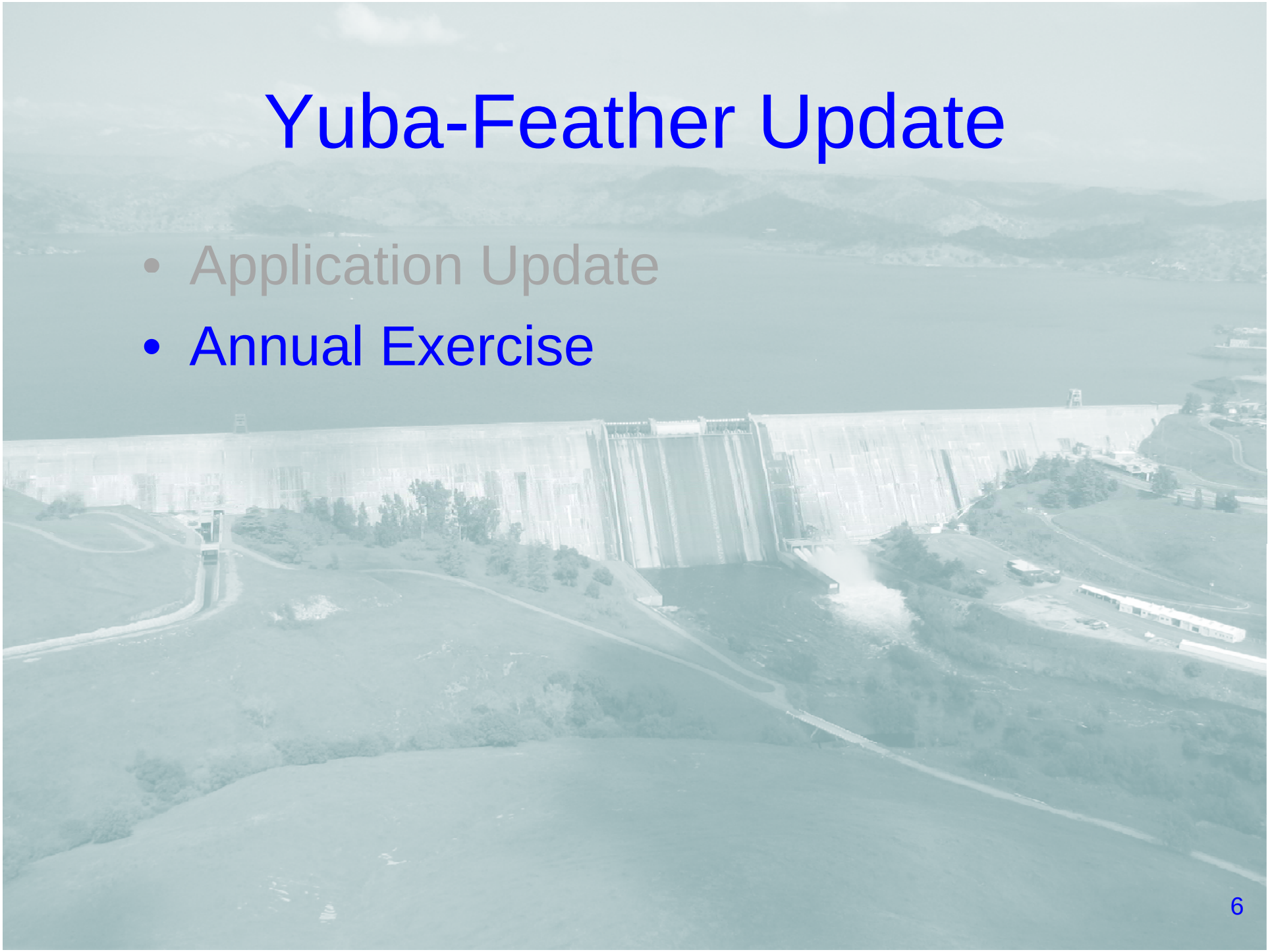
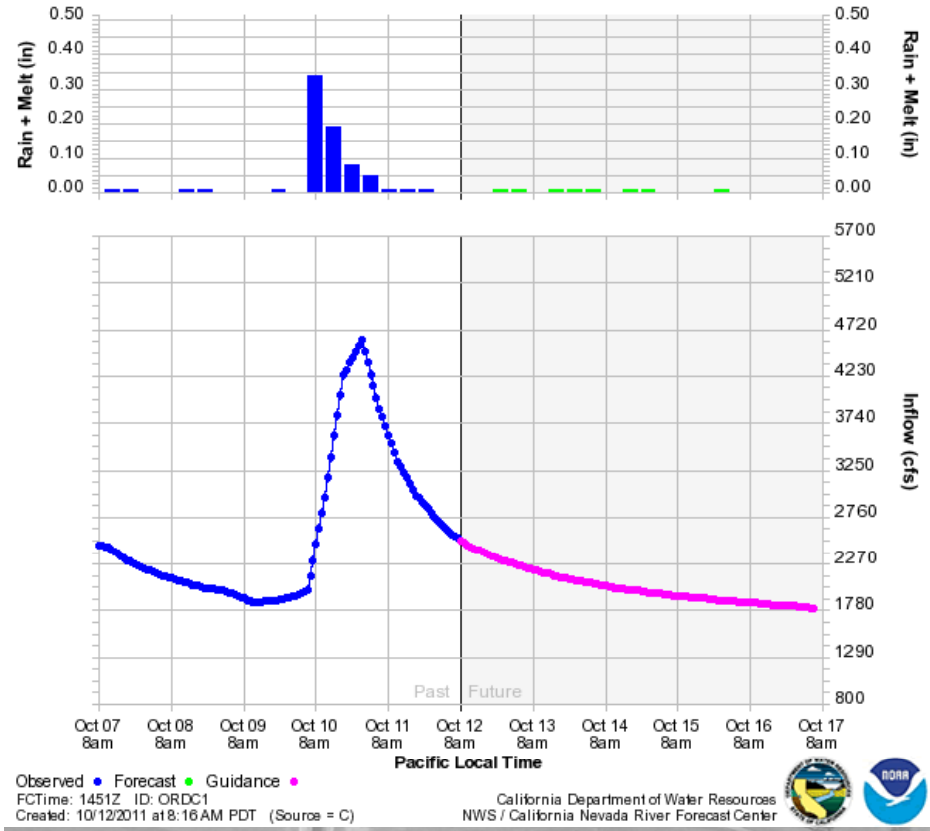
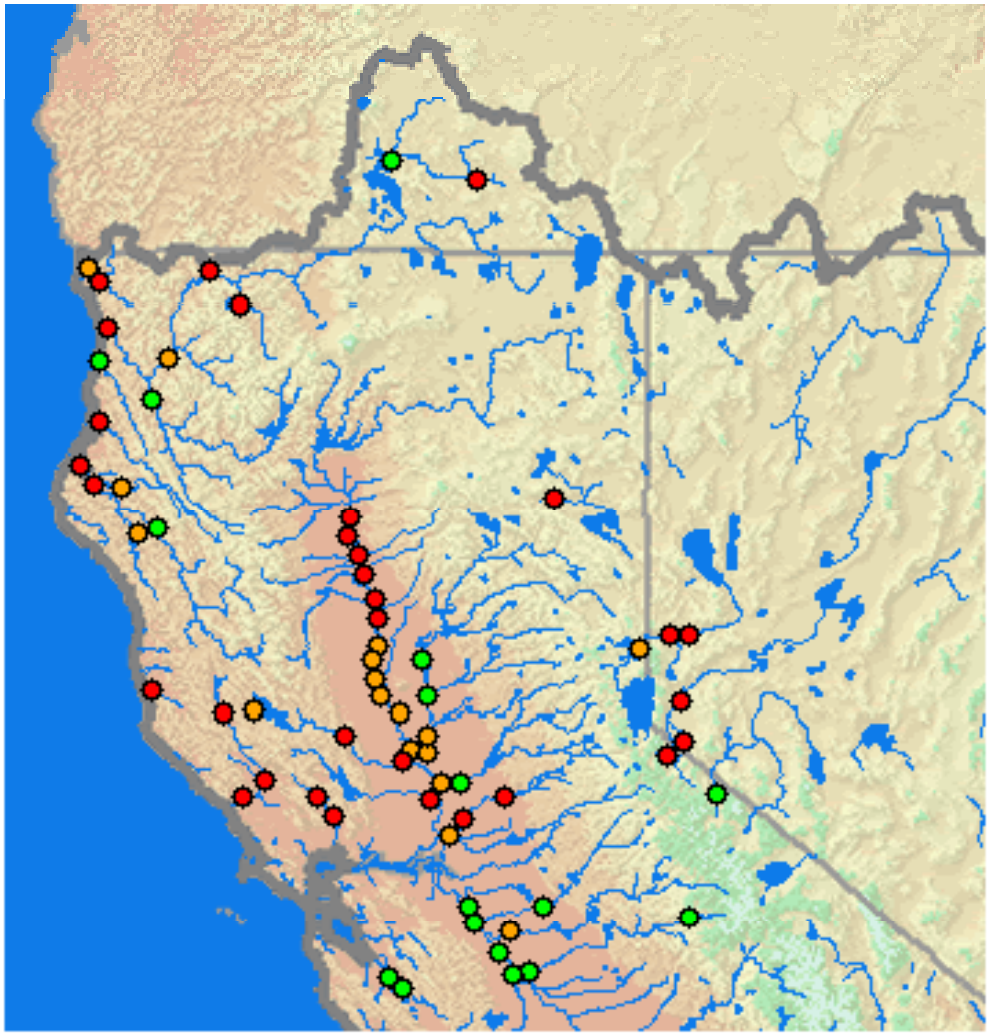
Department of Water Resources

Yuba-Feather Update

- Application Update
- Annual Exercise



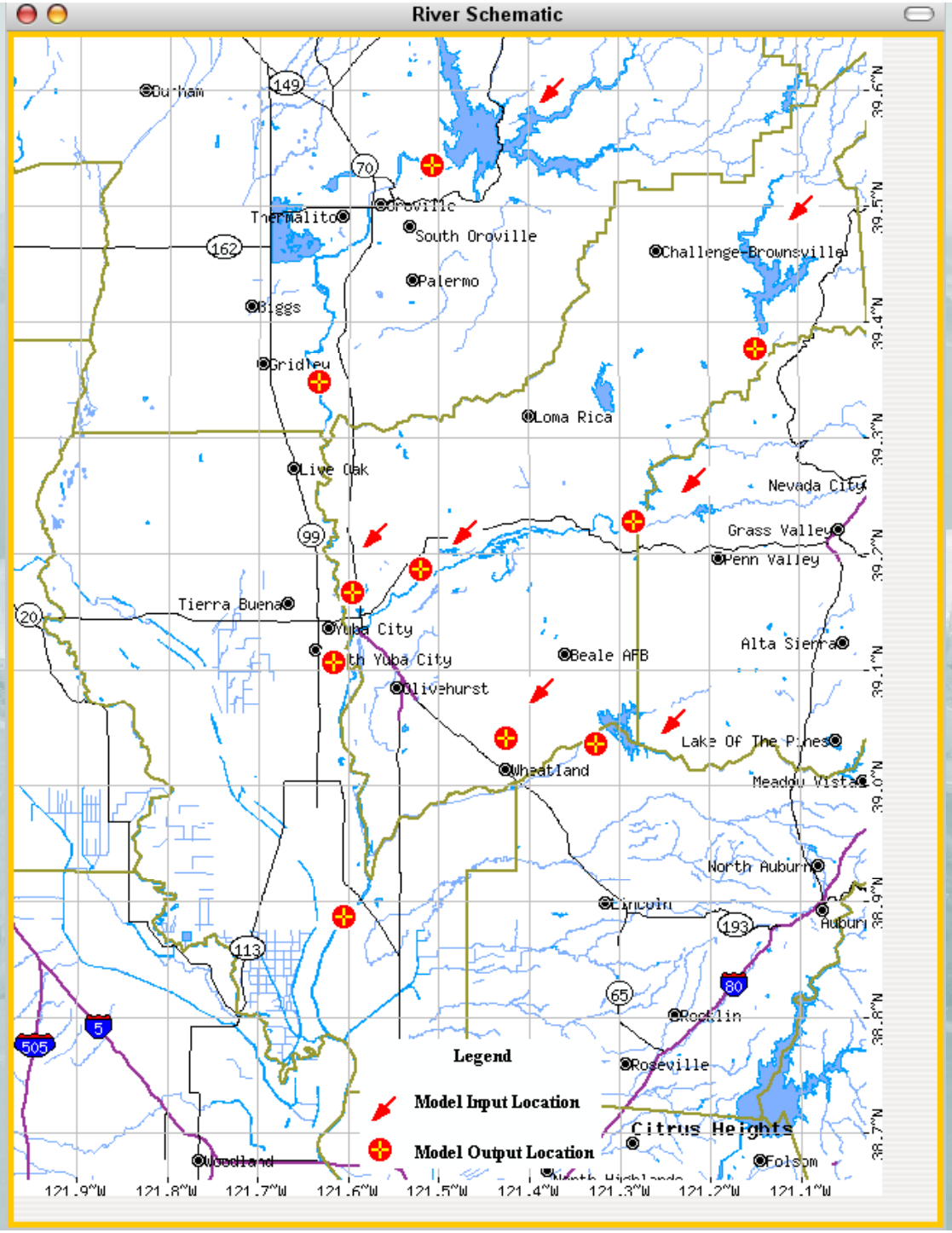




31 Gages Observed Above Flood Stage

17 Gages Observed Above Monitor Stage

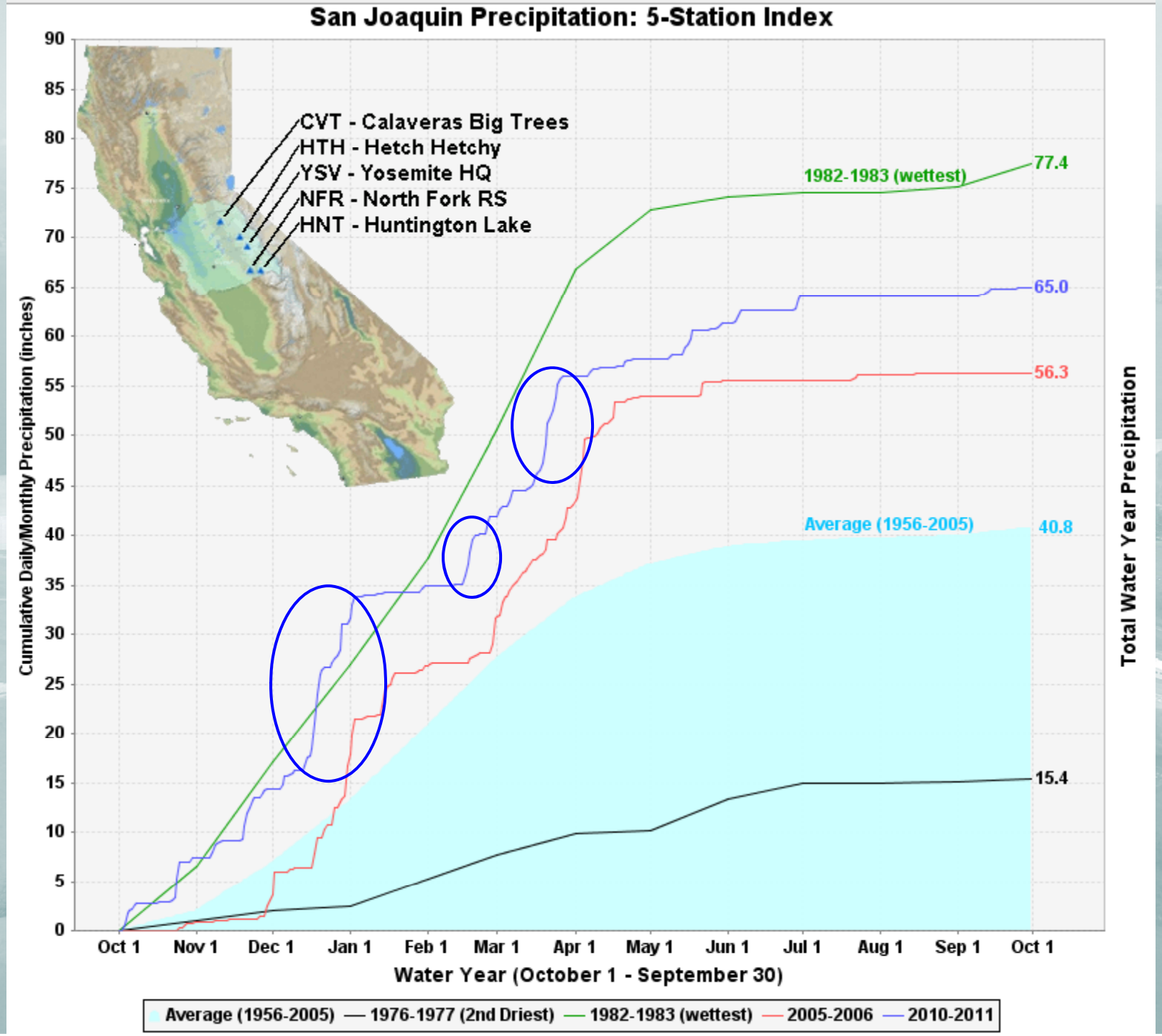
17 Gages Observed Normal Conditions


River Schematic
Durham
Oroville
Thermalito
South Oroville
Challenge-Brownsville
Palermo
Biggs
Gridley
Loma Rica
Live Oak
Nevada City
Grass Valley
Penn Valley
Tierra Buena
Yuba City
Beale AFB
Alta Sierra
Olivehurst
Lake Of The Pines
Wheatland
Meadow Vista
North Auburn
Lincoln
Auburn
Roseville
Rocklin
Citrus Heights
Folsom
Woodland
Legend
Model Input Location
Model Output Location
121.9°W
121.8°W
121.7°W
121.6°W
121.5°W
121.4°W
121.3°W
121.2°W
121.1°W
39.6°N
39.5°N
39.4°N
39.3°N
39.2°N
39.1°N
39.0°N
38.9°N
38.8°N
38.7°N

San Joaquin F-CO

- Winter/Spring/Summer Coordination

CAT
CAT


San Joaquin Precipitation: 5-Station Index
CVT - Calaveras Big Trees
HTH - Hetch Hetchy
YSV - Yosemite HQ
NFR - North Fork RS
HNT - Huntington Lake
1982-1983 (wettest)
77.4
65.0
56.3
Average (1956-2005)
40.8
15.4
Cumulative Daily/Monthly Precipitation (inches)
Total Water Year Precipitation
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Oct 1
Water Year (October 1 - September 30)
Average (1956-2005)
1976-1977 (2nd Driest)
1982-1983 (wettest)
2005-2006
2010-2011

2010-11 Snowpack

1952 237%

1983 227%

1969 224%

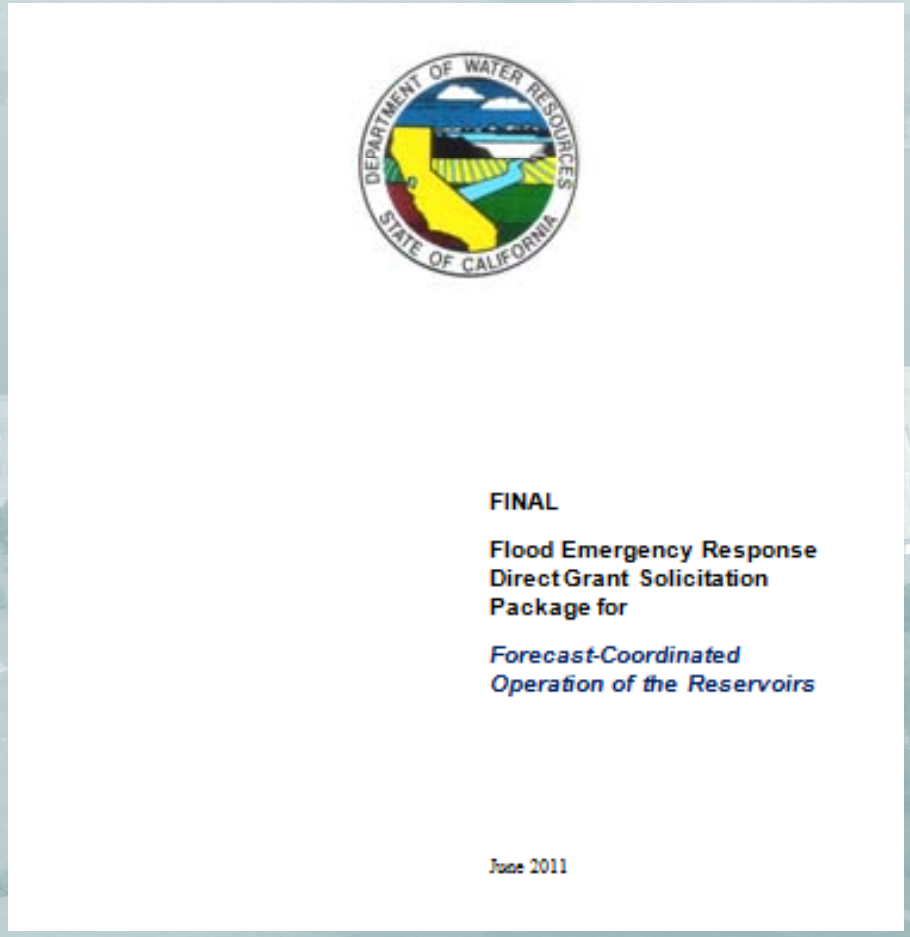
1995 182%

2011 171%

San Joaquin F-CO

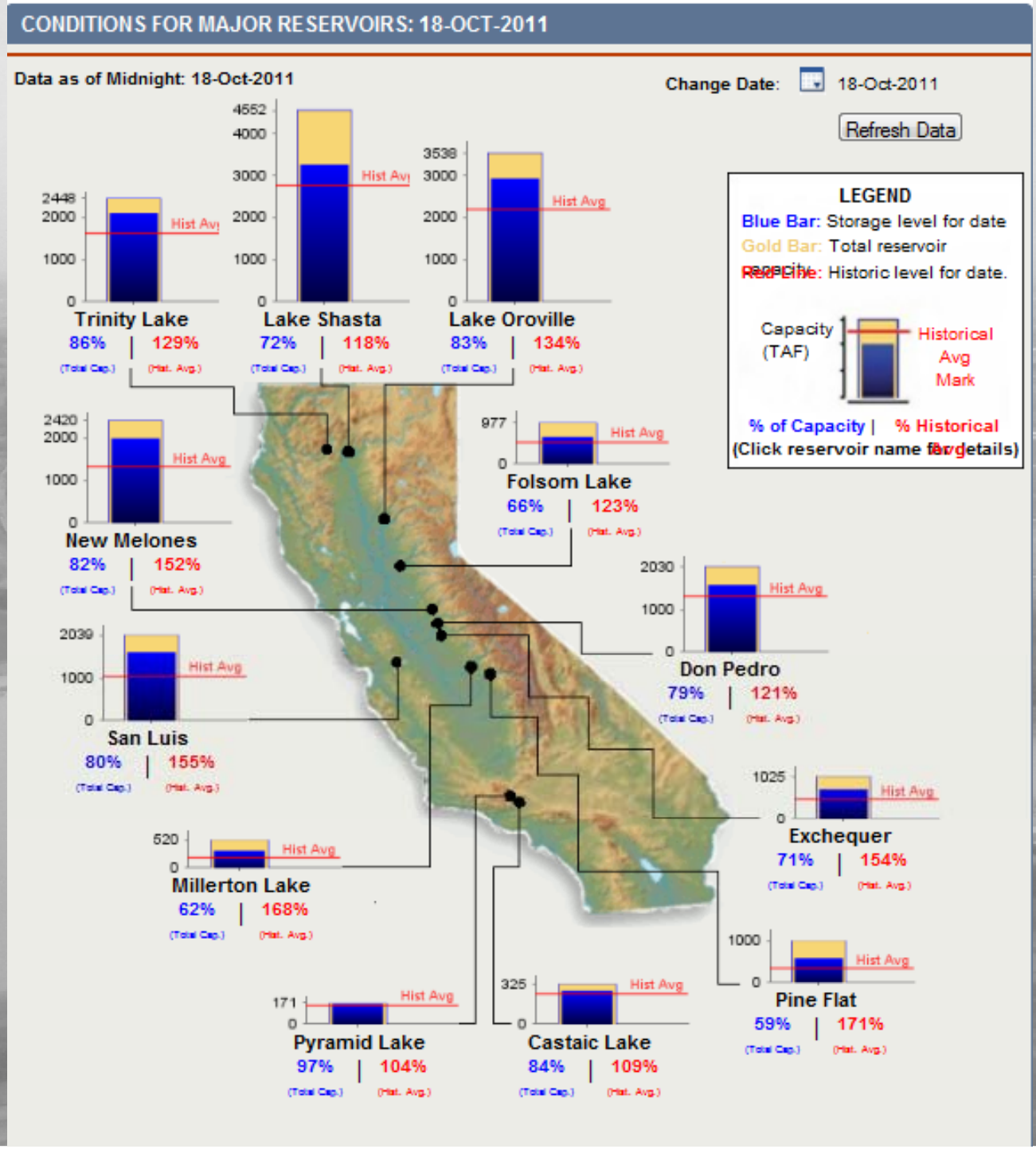
- Winter/Spring/Summer Coordination
- Application Update
  -demo Nov 10

Grant Program



http://www.water.ca.gov/floodsafe

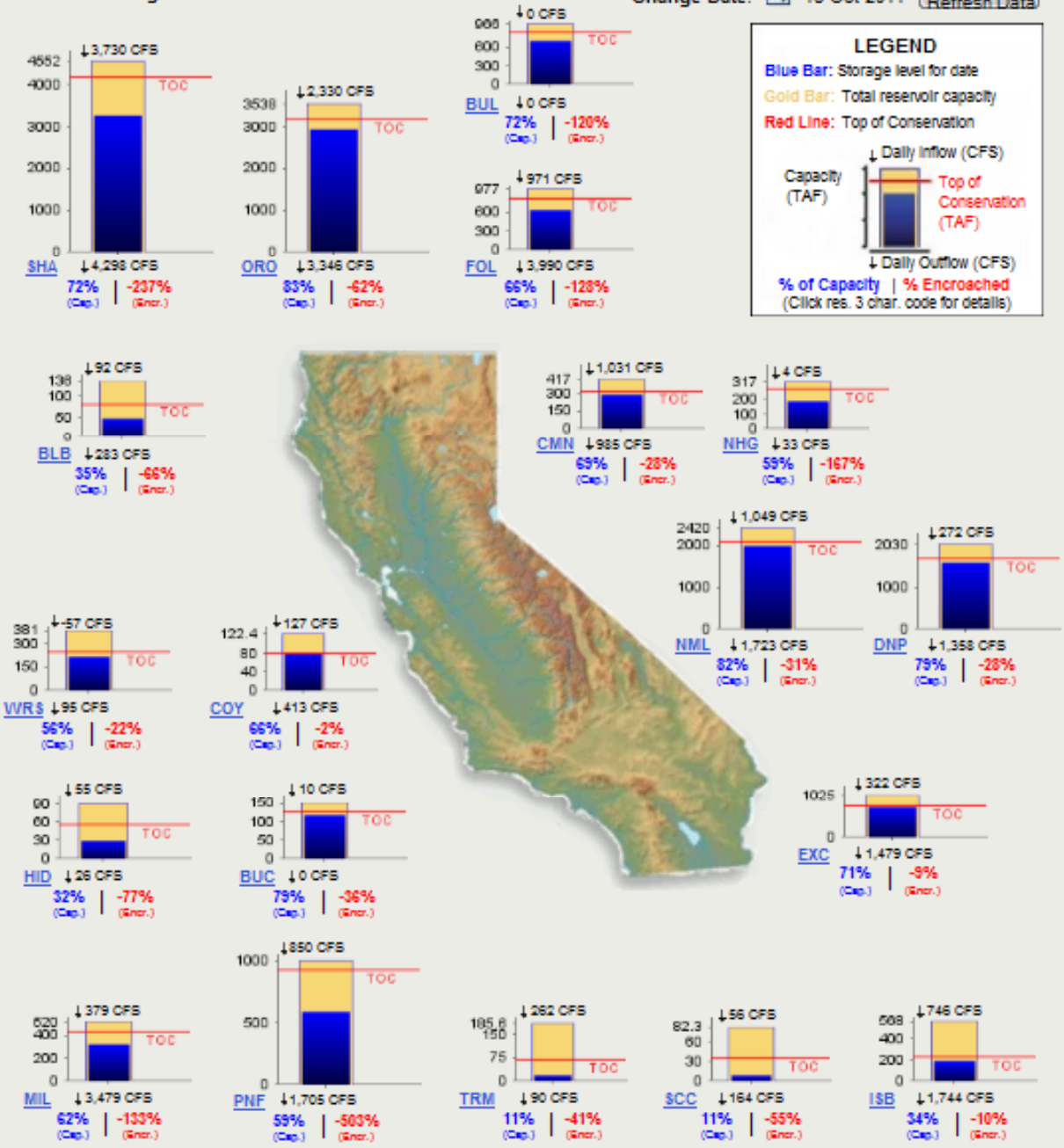
2011-12 Preview


CONDITIONS FOR MAJOR RESERVOIRS: 18-OCT-2011
Data as of Midnight: 18-Oct-2011
Change Date: 18-Oct-2011
Refresh Data
LEGEND
Blue Bar: Storage level for date
Gold Bar: Total reservoir capacity
Red Line: Historic level for date.
Capacity (TAF)
Historical Avg Mark
% of Capacity | % Historical
(Click reservoir name for details)
Trinity Lake
86% | 129%
Lake Shasta
72% | 118%
Lake Oroville
83% | 134%
New Melones
82% | 152%
Folsom Lake
66% | 123%
Don Pedro
79% | 121%
San Luis
80% | 155%
Exchequer
71% | 154%
Millerton Lake
62% | 168%
Pine Flat
59% | 171%
Pyramid Lake
97% | 104%
Castaic Lake
84% | 109%
Hist Avg

TOP OF CONSERVATION CONDITIONS FOR CENTRAL VALLEY AND RUSSIAN RIVER FLOOD CONTROL RESERVOIRS: 18-OCT-2011

Data as of Midnight: 18-Oct-2011

Change Date: 18-Oct-2011 Refresh Data



QUESTIONS?

LEVEE
VIEW OF SACRAMENTO CITY.
AS IT APPEARED DURING THE GREAT INUNDATION IN JANUARY 1850.