

California Drought Outlook Forum

Current Hydroclimate Outlook

Pete Fickenscher

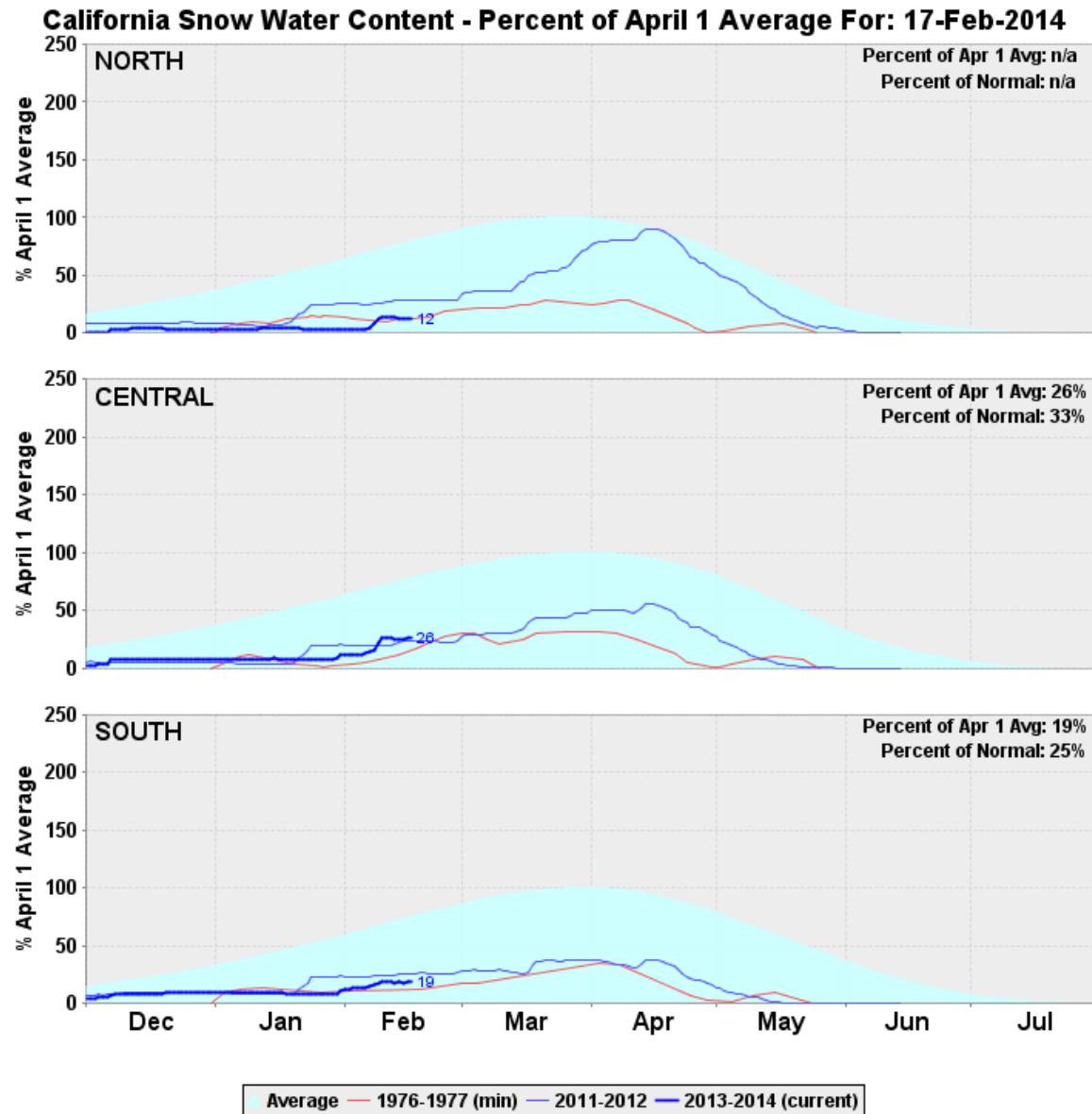
Hydrologist

NWS – California-Nevada River Forecast Center

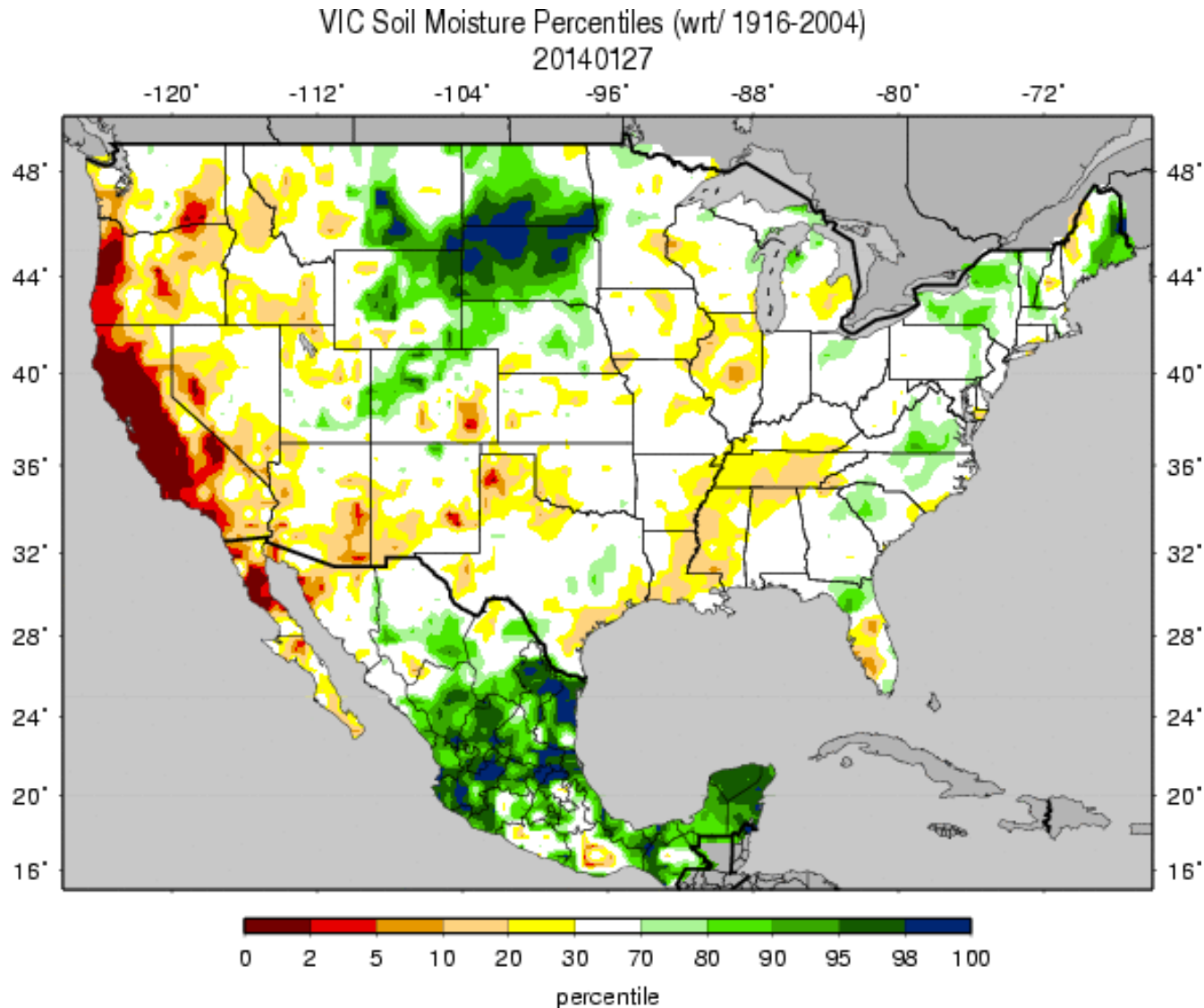
February 20, 2014



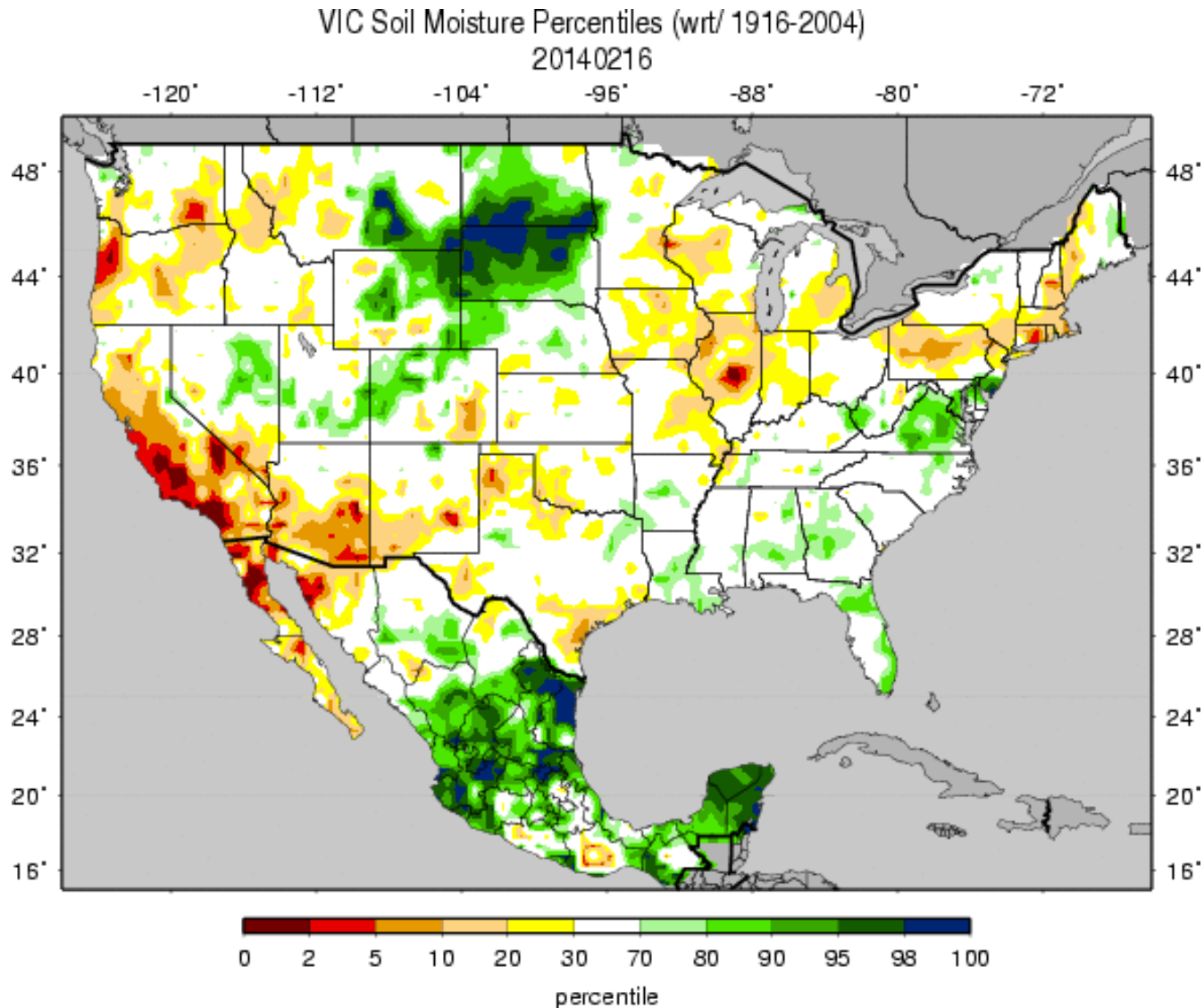
Current Snowpack Conditions



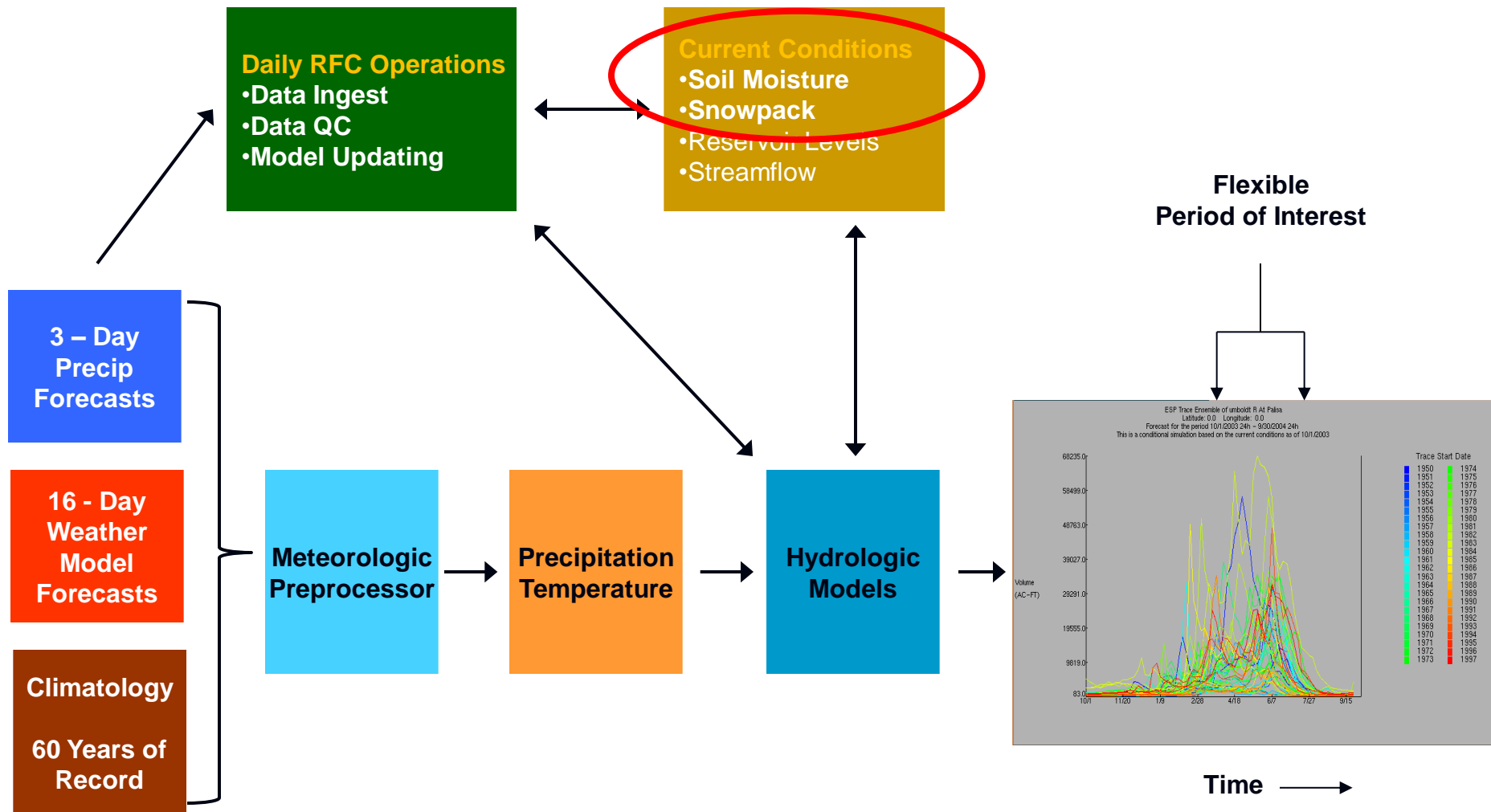
Current Soil Moisture Conditions



Current Soil Moisture Conditions



HEFS – Hydrologic Ensemble Forecast System



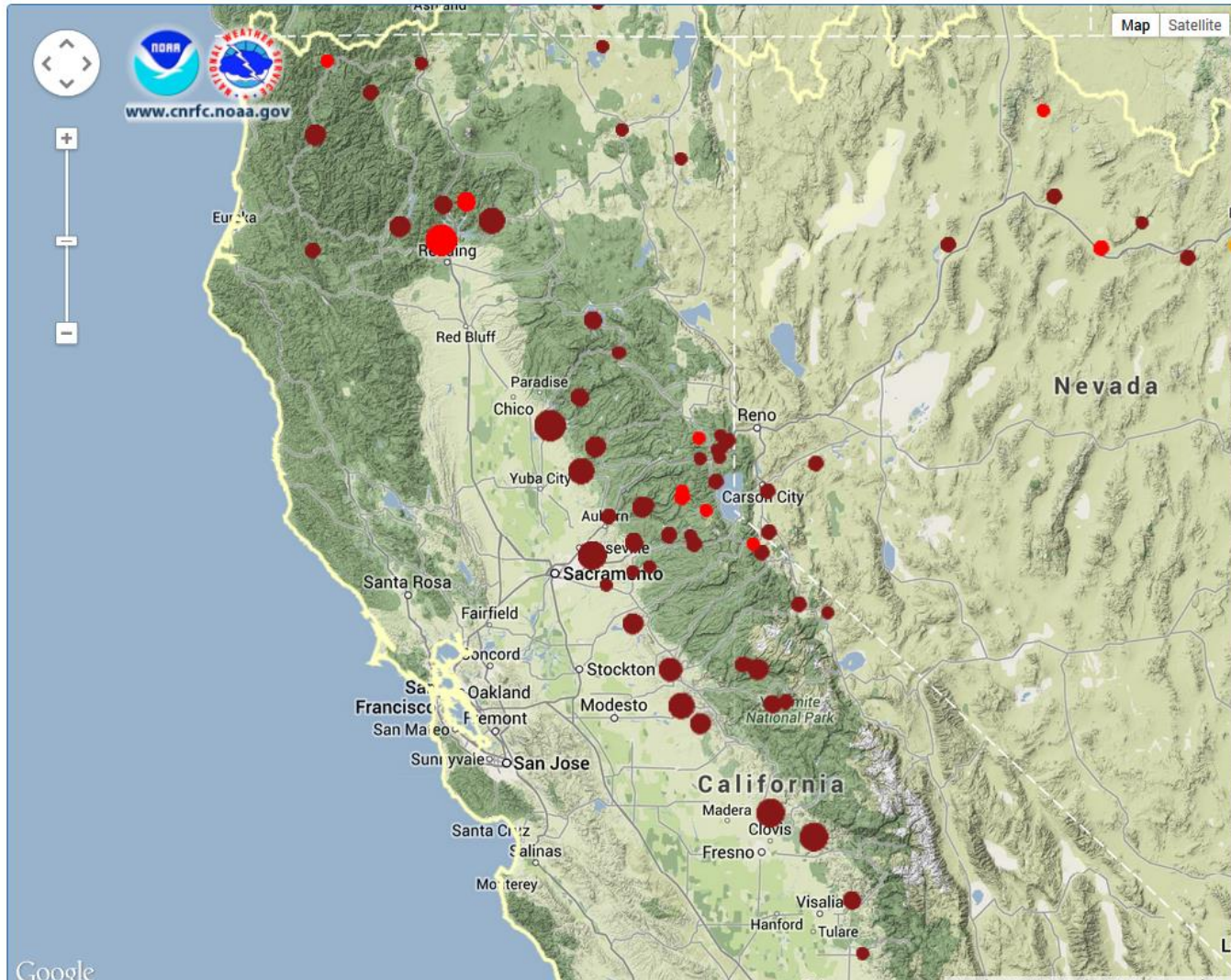
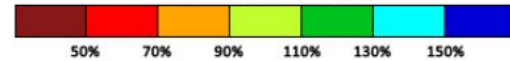
CNRFC – Water Supply Forecasts

Seasonal %Average Volume Forecast

[Click for more options](#)

Map Controls: On ▾

Volume Percent of Normal

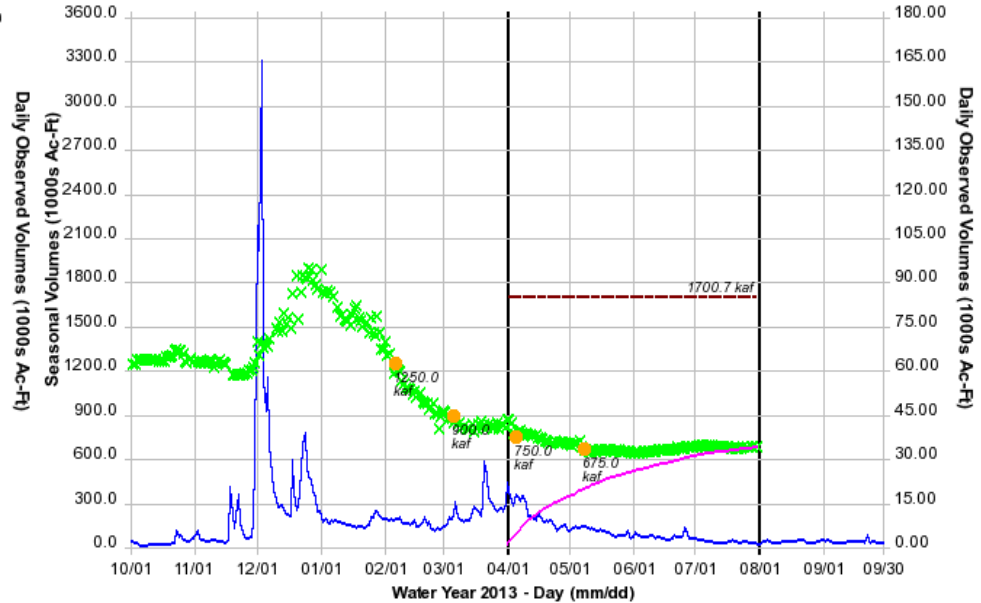
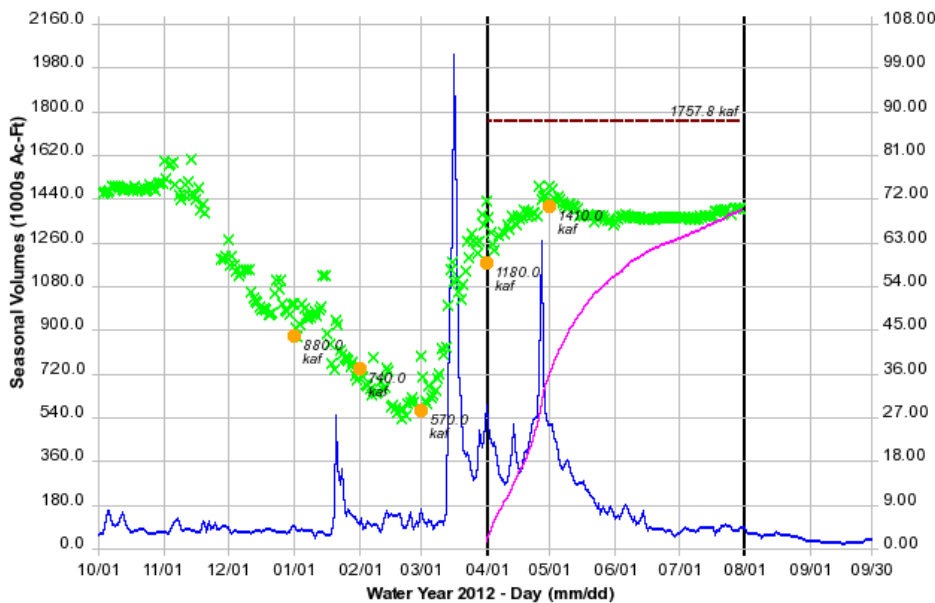


HEFS – Seasonal Trend Plots

Feather River – Lake Oroville April-July (AJ) Volume
(median forecast – daily updates = x)

2012 Water Year
(Dry start)

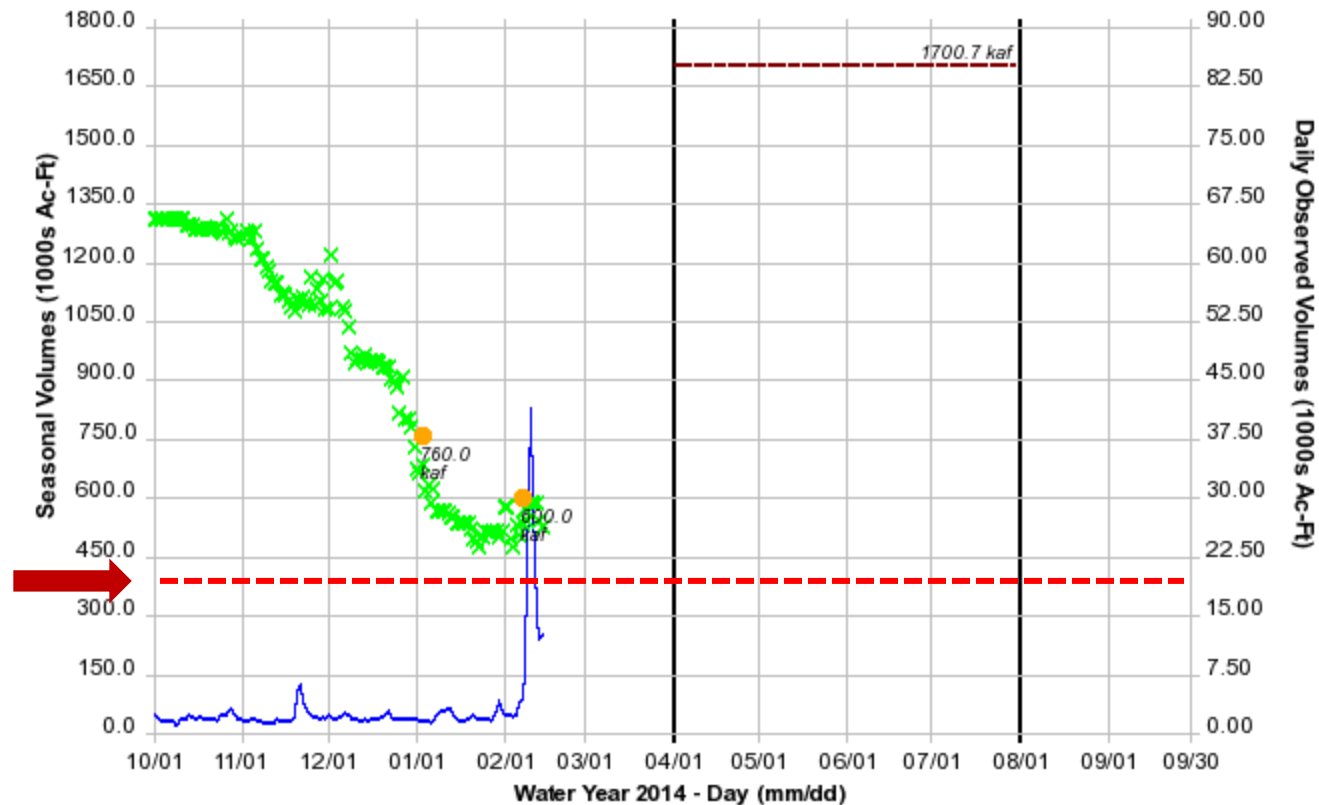
2013 Water Year
(Wet Start)



HEFS – 2014 Seasonal Trend Plot

Feather River – Lake Oroville AJ Volume
(median forecast – daily updates = x)

Historical
Minimum
AJ Volume



Forecast Apr-Jul Percent of Average: 31 % (523.62 kaf)

Historical Apr-Jul Vol Max: 4676.0 kaf in 1952

Historical Apr-Jul Vol Min: 391.9 kaf in 1977

30 Year Apr-Jul Vol Mean

NWS Apr-Jul Vol Forecast

Created: 02/14/2014 at 09:43 AM PST (ID = ORDC1)

Season to Date Obs

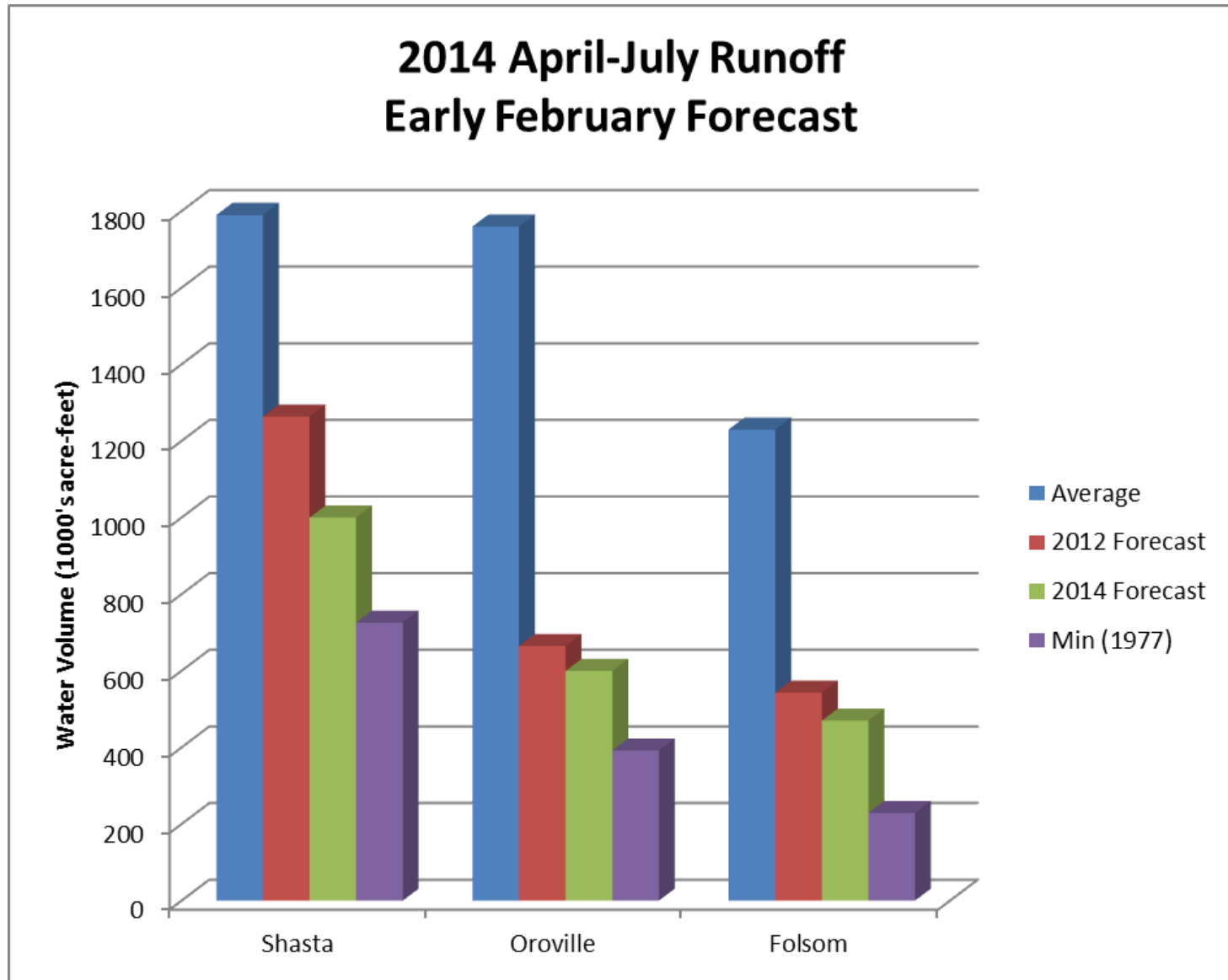
Daily Obs

ESP Apr-Jul Vol Forecast

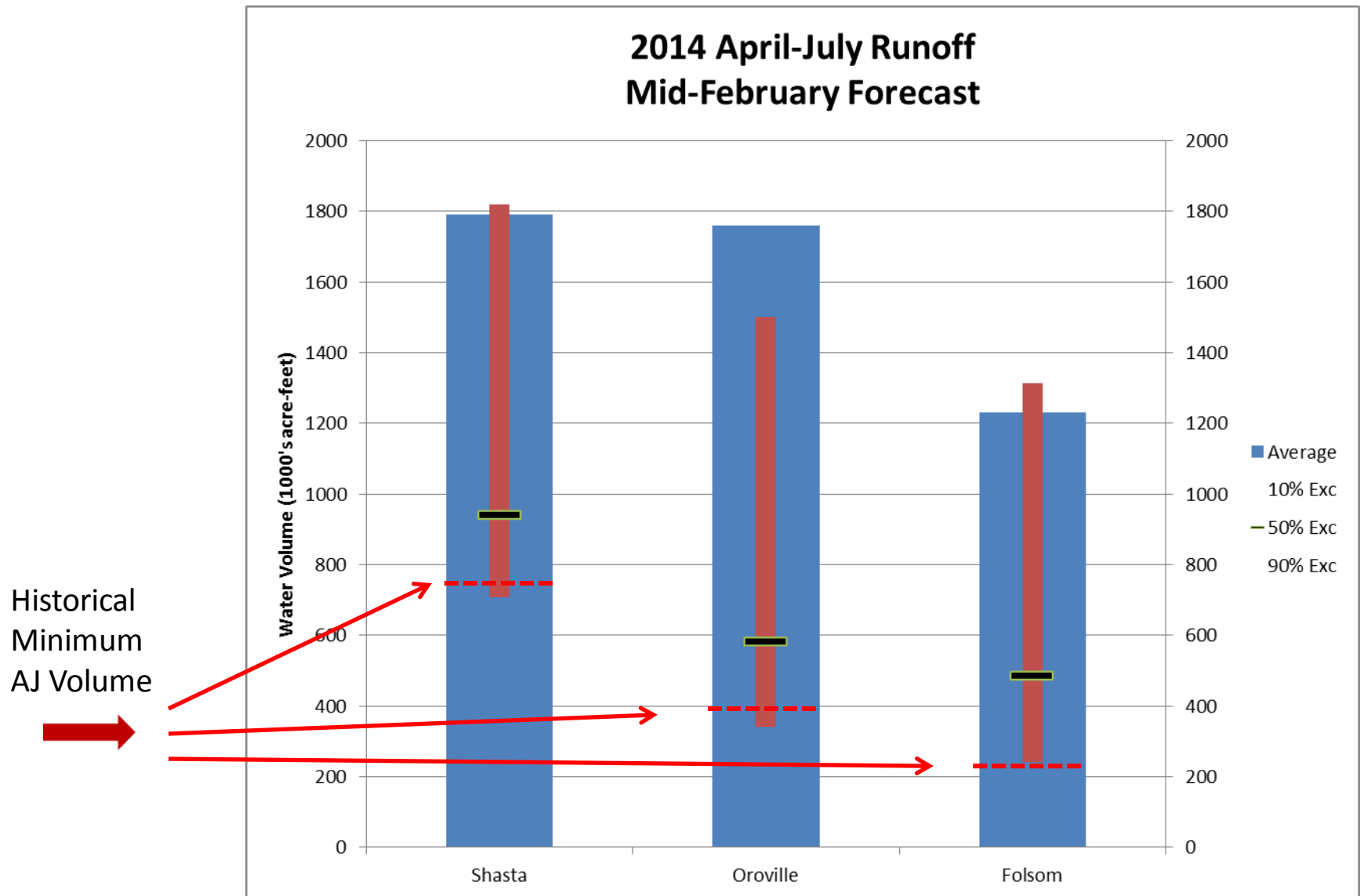
NOAA / NWS / California Nevada River Forecast Center



2014 Water Supply Outlook



2014 Water Supply Outlook



Long Range Outlook

ENSO-neutral is favored through the Northern Hemisphere spring 2014, with an possible onset El Niño sometime after the spring.

