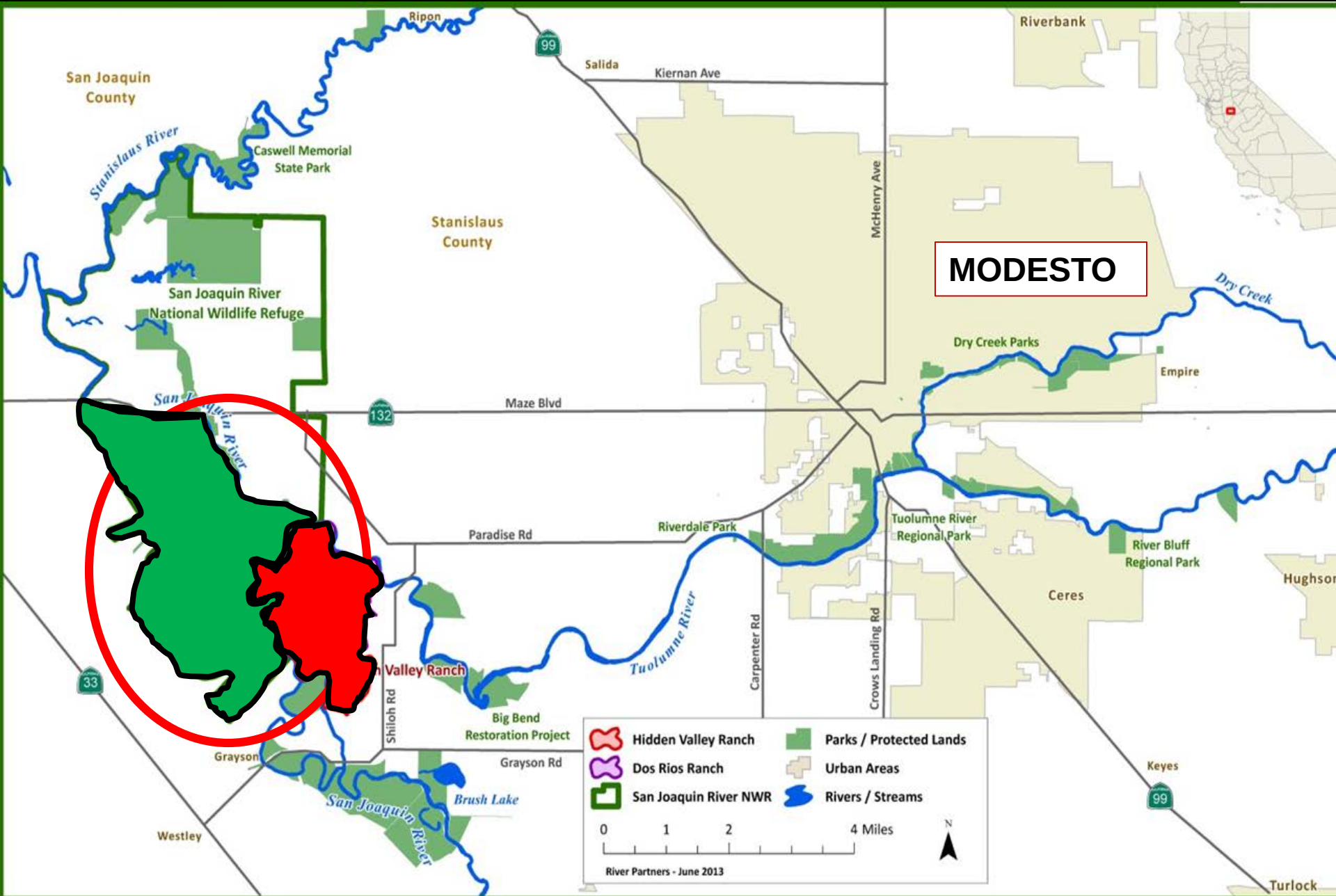


***Public Forum: Managed Groundwater Recharge to
Support Sustainable Water Management***

**Potential Flood Risk Reduction and
Ecosystem Benefits of Managed
Groundwater Recharge**

**John Carlon
River Partners**









A photograph of a large blue pipe discharging water into a river. The pipe is surrounded by trees and vegetation. The water is splashing as it enters the river. The sky is clear and blue.

10,000
acre feet
per year







RIVER
PARTNERS

Planting



Year 1



Year 2



Year 3





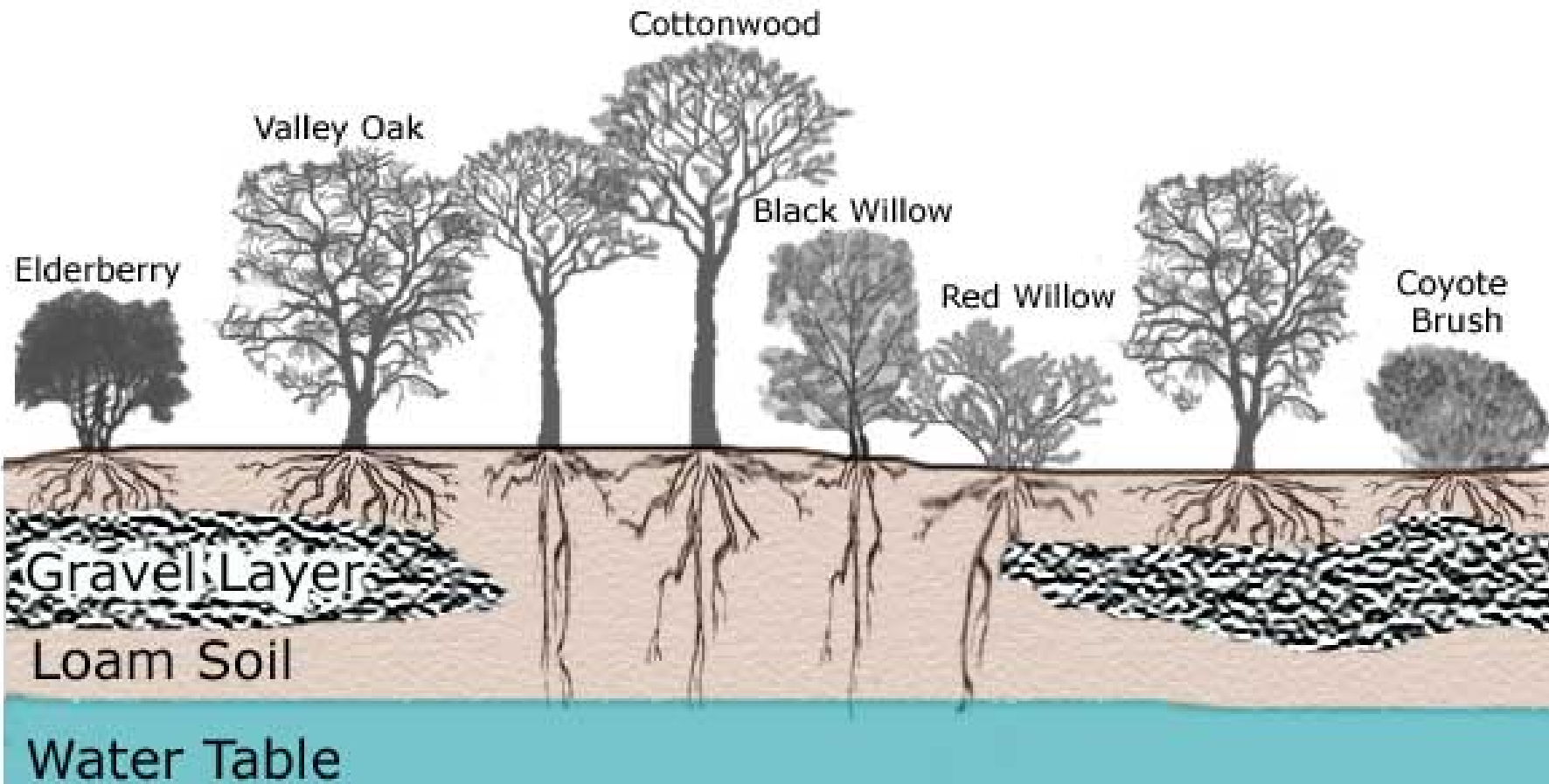




A photograph of a yellow submersible pump and a silver float valve in a wooded area. The pump is yellow with some blue paint and is connected to a grey hose. The float valve is silver and cylindrical. In the foreground, there is a large, dark, cylindrical pipe lying on the ground. The background is filled with trees and dense vegetation.

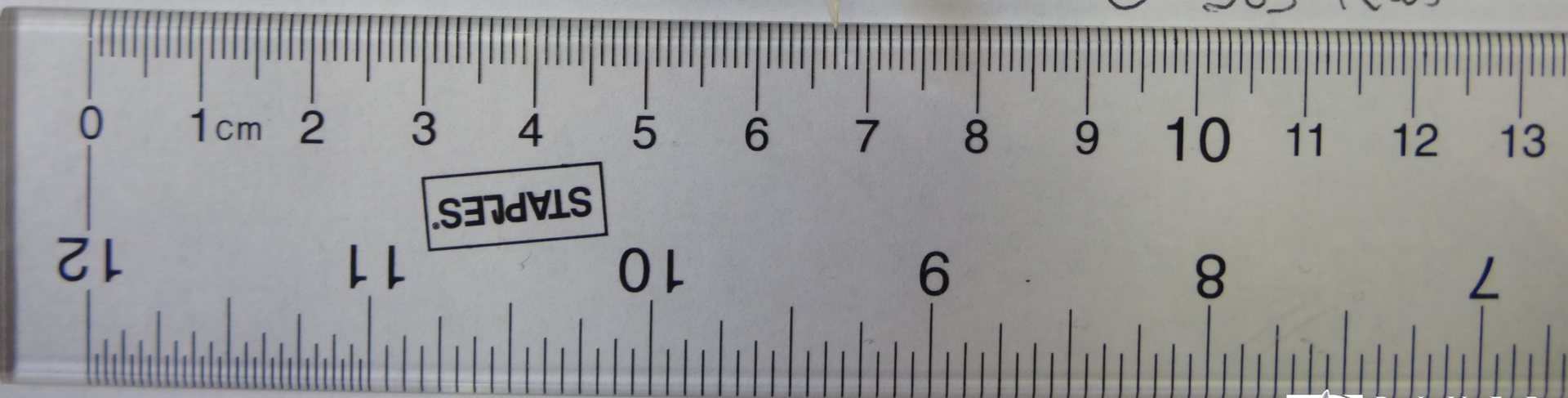
7,000 acre feet of
actual ET per year

Conceptual Root-Soil-Profile Interaction





4 weeks
@ Dos Rios







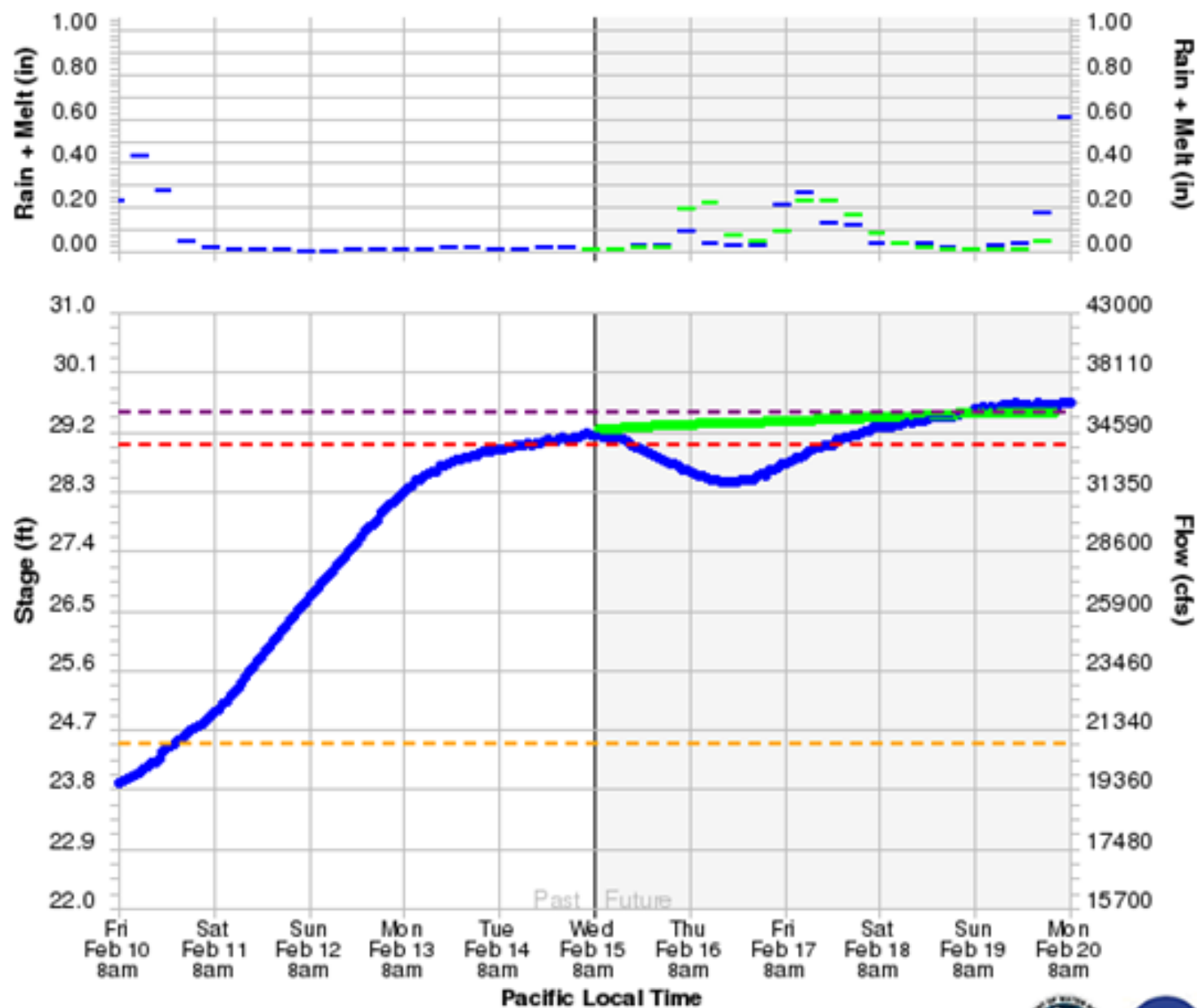






VNSC1 - SAN JOAQUIN - VERNALIS (MS: 24.5 / FS: 29.0 / DS: 29.5)

Forecast Issuance: February 15, 2017 at 08:41 AM PST



Observed ● Forecast ● Monitor — Flood — Danger —

FCTime: 1641 Z ID: VNSC1

Created: 02/21/2017 at 1:04 AM PST (Source = C) NOAA / NWS / California Nevada River Forecast Center

California Department of Water Resources



