

# BY THE NUMBERS

Agenda Item 7  
Attachment 1

## Water Storage <sup>1</sup>

(July 9, 2014)

- Shasta Reservoir:  
1.7 million acre-feet  
(50% of avg for this date)
- Oroville Reservoir:  
1.4 million acre-feet  
(51% of avg for this date)
- San Luis Reservoir:  
0.5 million acre-feet  
(49% of avg for this date)

## River flow<sup>2,3</sup>

(July 9, 2014)

- Sacramento River at Freeport:  
8,854 cfs  
(50% of mean July discharge  
in 2010, an average year)
- San Joaquin River at Vernalis:  
232 cfs  
(12% of mean July discharge  
in 2010, an average year)

## Delta Operations <sup>3</sup>

(July 8, 2014)

- Clifton Court Inflow: 1200 cfs
- Jones Pumping Plant: 800 cfs

## Fish

(July 9, 2014), From CDFW:

- 20-mm Survey, Delta Smelt  
Index: 1.1  
(2<sup>nd</sup> lowest on record)
- Spring Kodiak Trawl, Adult  
Delta Smelt Annual Index: 30.1  
(6<sup>th</sup> lowest since 2003)

## Water Quality <sup>1,3</sup>

(July 9, 2014)

Salinity Intrusion into the Delta, in Electrical Conductivity (EC)

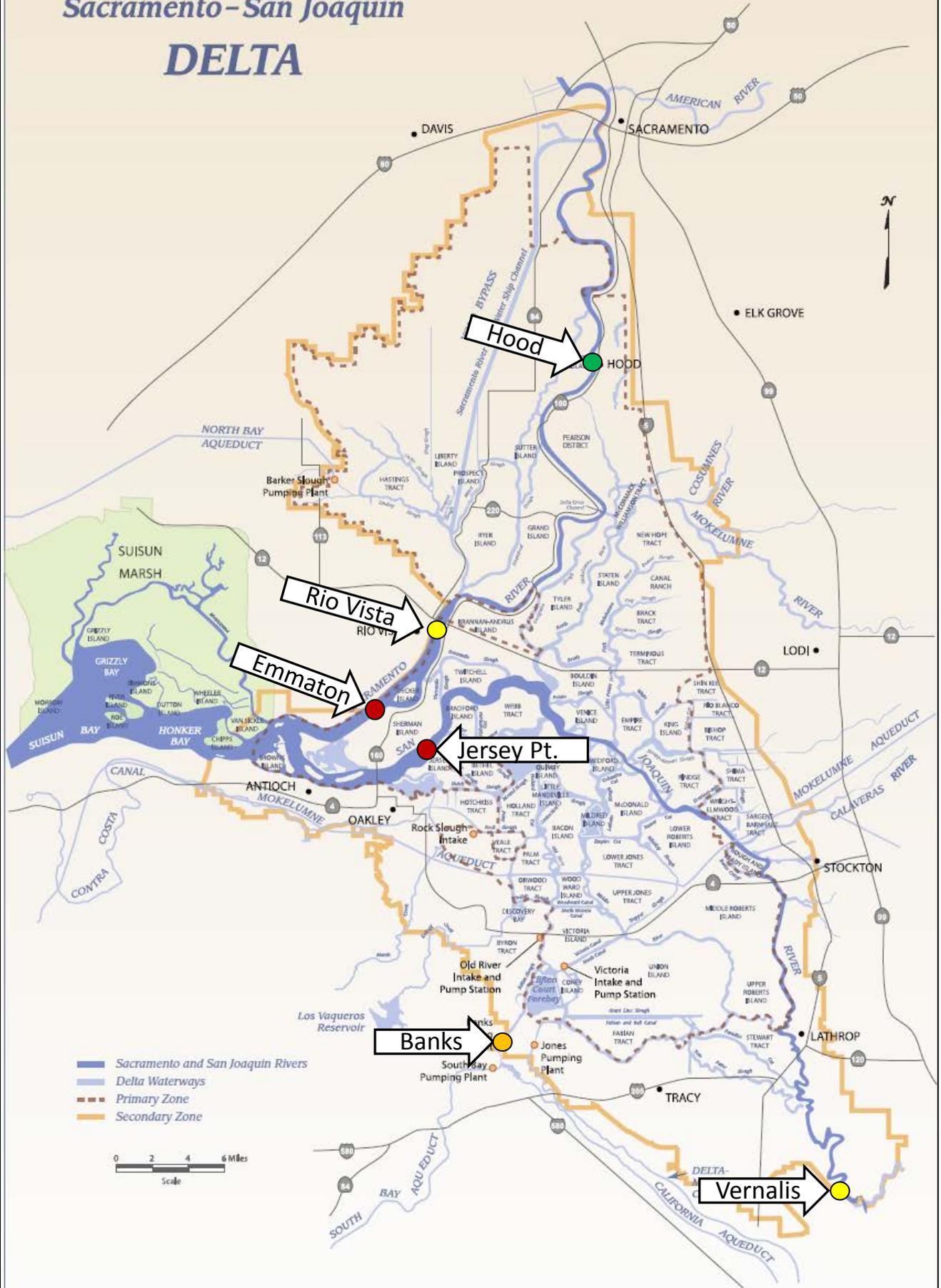
EC Standard for drinking water is < 900  $\mu\text{S}/\text{cm}$ ; Seawater EC is 54,000  $\mu\text{S}/\text{cm}$

- |   |   |
|---|---|
| ● Emmaton EC: 3,043 $\mu\text{S}/\text{cm}$ | ● Jersey Point EC: 1,665 $\mu\text{S}/\text{cm}$      |
| ● Rio Vista EC: 354 $\mu\text{S}/\text{cm}$ | ● Banks Pumping Plant EC: 712 $\mu\text{S}/\text{cm}$ |
| ● Hood EC: 140 $\mu\text{S}/\text{cm}$      | ● Vernalis EC: 365 $\mu\text{S}/\text{cm}$            |

<sup>1</sup><http://cdec.water.ca.gov/index.html> <sup>3</sup><http://www.water.ca.gov/swp/operationscontrol/deltaops.cfm>  
<sup>2</sup><http://www.usgs.gov/>

● Bad ● Poor ● Fair ● Good

# Sacramento-San Joaquin DELTA



- Sacramento and San Joaquin Rivers
- Delta Waterways
- Primary Zone
- Secondary Zone

