

# CALFED OPS GROUP Operations Briefing

September 23, 2009



River Flows:

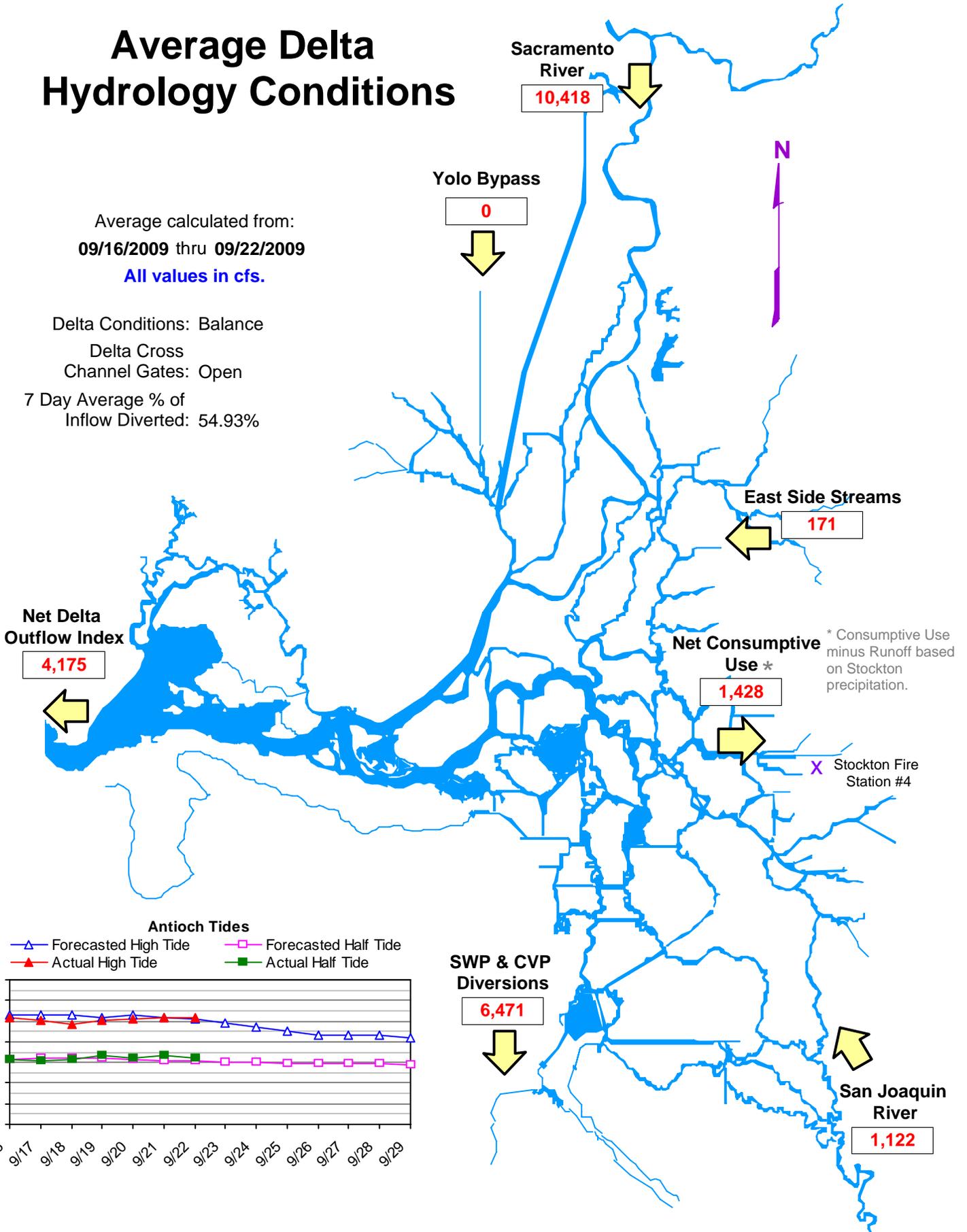
Merced River	76 cfs
Tuolumne	191 cfs
Stanislaus	638 cfs

Data as of:  
09/23/09

# Average Delta Hydrology Conditions

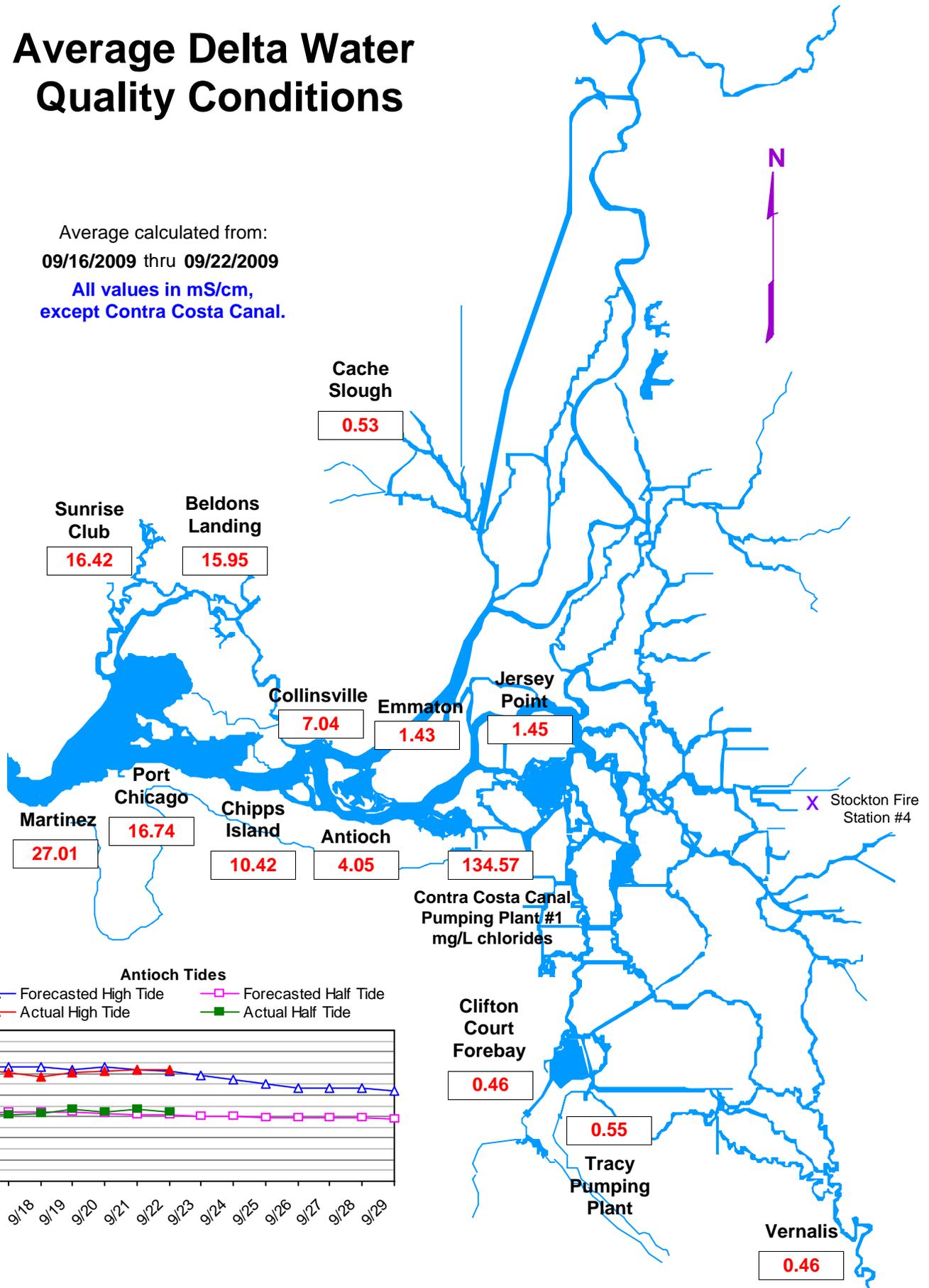
Average calculated from:  
**09/16/2009** thru **09/22/2009**  
 All values in cfs.

Delta Conditions: Balance  
 Delta Cross  
 Channel Gates: Open  
 7 Day Average % of  
 Inflow Diverted: 54.93%



# Average Delta Water Quality Conditions

Average calculated from:  
**09/16/2009** thru **09/22/2009**  
 All values in mS/cm,  
 except Contra Costa Canal.



**DRAFT**

# Bay-Delta Standards

Contained in D-1641

**DRAFT**

CRITERIA	Sep 09	Oct 09	Nov 09	
<b>FLOW/OPERATIONAL</b>				
<ul style="list-style-type: none"> <li>• Fish and Wildlife</li> <li>SWP/CVP Export Limits</li> <li>Export/Inflow Ratio</li> <li>Minimum Outflow - mon. - 7 day avg</li> <li>Striped Bass Survival</li> <li>Suisun Marsh</li> <li>Habitat Protection Outflow, X2</li>   <li>River Flows:</li> <li>@ Rio Vista - min. mon. avg. - 7 day average</li> <li>@ Vernalis: Base -min. mon. avg. - 7 day average</li> <li>Pulse</li> <li>Delta Cross Channel Gates</li> </ul>				
		65%		
		3000 cfs	4000 cfs	4500 cfs
		2000 cfs	3000 cfs	3500 cfs
		3000 cfs	4000 cfs	4500 cfs
		2000 cfs	3000 cfs	3500 cfs
			28 TAF	
				Close up to 45 days during Nov-Jan

**WATER QUALITY STANDARDS**

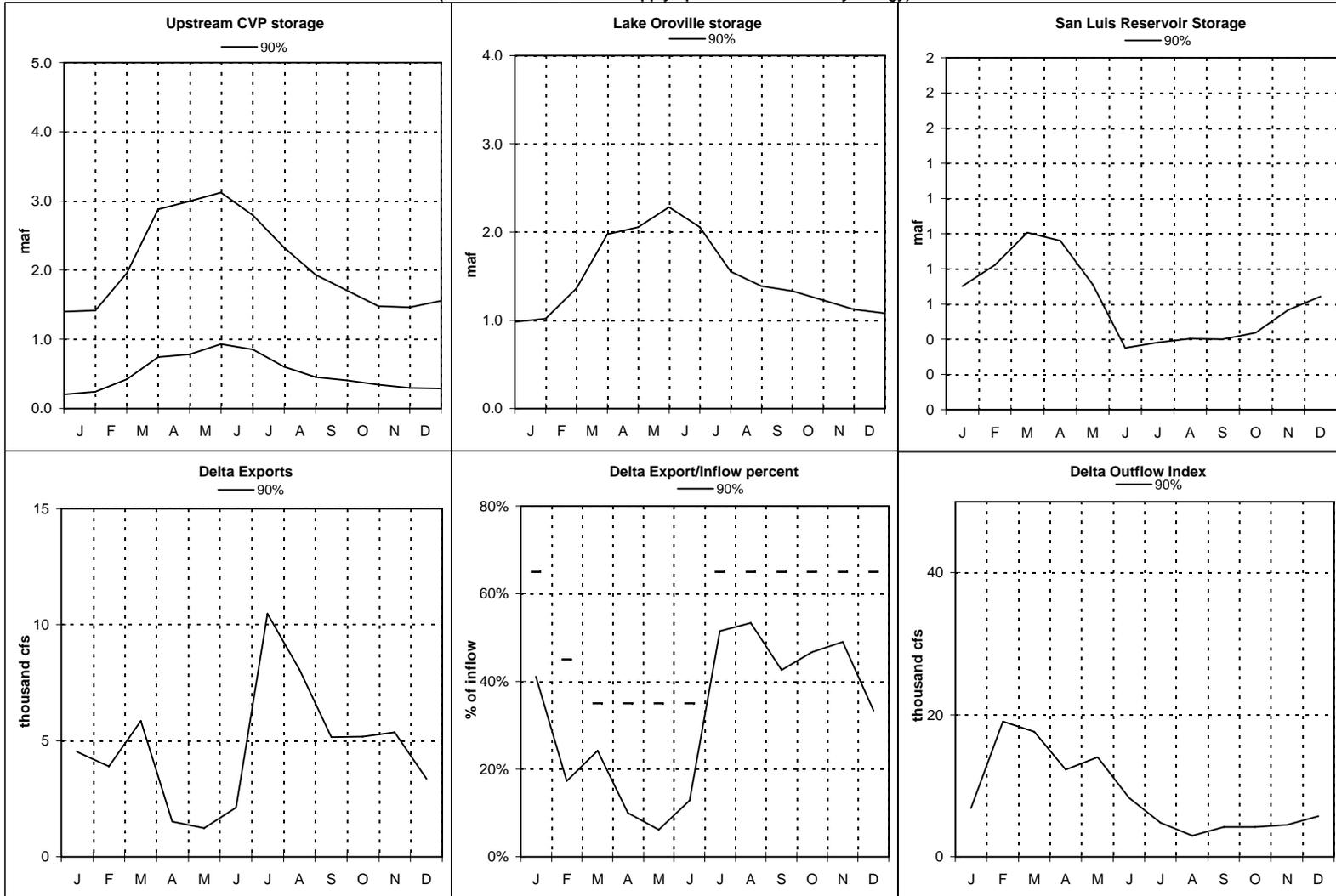
<ul style="list-style-type: none"> <li>• Municipal and Industrial</li> <li>All Export Locations</li> <li>Contra Costa Canal</li> </ul>		<= 250 mg/l Cl	
		<= 150 mg/L Cl for 165 days ( All days have been met )	
<ul style="list-style-type: none"> <li>• Agriculture</li> <li>Southern Delta</li> </ul>		30-day running average EC <= 1.0 mS	
<ul style="list-style-type: none"> <li>• Fish and Wildlife</li> <li>San Joaquin River Salinity</li> <li>Suisun Marsh Salinity</li> </ul>			15.5 mS/cm for Eastern / 16.5 for Western Marsh stations
		19 mS/cm	

**Water Year Classification: DRY (Based on 05/01/2009 forecast)**

SVI (40-30-30 @ 50%) = 5.5 (DRY)  
 SJV (60-20-20 @ 75%) = 2.4(DRY)

# SWP & CVP CY 2009 Forecasted Operations

(based on 05-01-09 water supply update and historical hydrology)



Flows are monthly averages.