Delta Stewardship Council

BY THE NUMBERS

October 22, 2015

Agenda Item 8
Attachment 1

Precipitation[1,2]

Rain

37.2" Northern Sierra*

74% 2014 – 2015 WY percent of annual average

19.0" Southern Sierra*

47% 2014 – 2015 WY percent of annual average

Water temperature

57 °F **Clear Creek**
Average: 10-21
Chinook Salmon

67 °F **Collinsville**
Average: 10-21
Delta smelt

69 °F **Clifton Court Forebay**
Average: 10-21
Delta smelt

Water Supply[3,4,5]

Reservoir storage
percent of average to date: 10-21

54% Shasta

48% Oroville

34% San Luis

Water Quality and Flow[3,4]

Flow (cfs)

7,733 Sacramento River @Freeport
67% of 20 yr October flow average

478 San Joaquin River @Vernalis
19% of 20 yr October flow average

1,100 Combined CVP+SWP Diversion
15% of 20 yr October flow average

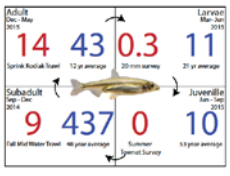
Salinity (electrical conductivity)

143 µS/cm

455 µS/cm

653 (Banks) µS/cm

Fish: Delta smelt Winter-run salmon



See figures on following page

*precipitation for 10/2014-present
[1,2] http://tinyurl.com/qypvmp4
[3,4] http://tinyurl.com/mm45els
[5] http://tinyurl.com/oumqgqm

Good
Fair
Poor
Bad

Delta smelt

Adult
Dec - May
2015

14 Spring Kodiak Trawl

43 12 yr average

Larvae
Mar- Jun
2015

0.3 20 mm survey

11 21 yr average

Subadult
Sep - Dec
2014

9 Fall Mid Water Trawl

437 48 year average

Juvenile
Jun - Sep
2015

0 Summer Townet Survey

10 53 year average

Winter-run Chinook salmon

196 Redd count in Sacramento River

465 13 year average

1191 Carcass count in Sacramento River

3038 13 year average