

## Delta Hydrology Conditions

| Date      | Sacramento River at Freeport + SRWTP cfs | Yolo Bypass cfs | East Side Streams cfs | San Joaquin River at Vernalis cfs | Rainfall inches | Clifton Court Forebay Intake cfs | Tracy Pumping Plant cfs | CCWD Pumping Plants cfs | Barker Slough Pumping Plant cfs | BBID Diversion cfs |
|-----------|--|-----------------|-----------------------|-----------------------------------|-----------------|----------------------------------|-------------------------|-------------------------|---------------------------------|--------------------|
| 1/10/2011 | 39,196                                   | 212             | 3,176                 | 15,029                            | 0.00            | 7,290                            | 4,070                   | 23                      | 4                               | 5                  |
| 1/11/2011 | 37,062                                   | 200             | 2,964                 | 14,342                            | 0.00            | 7,743                            | 4,061                   | 15                      | 0                               | 2                  |
| 1/12/2011 | 34,726                                   | 192             | 2,740                 | 13,733                            | 0.00            | 7,348                            | 4,064                   | 15                      | 0                               | 3                  |
| 1/13/2011 | 32,527                                   | 190             | 2,514                 | 13,129                            | 0.04            | 7,491                            | 4,067                   | 12                      | 6                               | 2                  |
| 1/14/2011 | 30,732                                   | 205             | 2,343                 | 12,358                            | 0.00            | 7,491                            | 4,076                   | 21                      | 5                               | 2                  |
| 1/15/2011 | 30,268                                   | 194             | 2,130                 | 11,867                            | 0.00            | 6,995                            | 4,083                   | 16                      | 2                               | 0                  |
| 1/16/2011 | 30,624                                   | 184             | 2,058                 | 10,879                            | 0.00            | 6,998                            | 4,086                   | 19                      | 6                               | 4                  |
| 1/17/2011 | 29,877                                   | 175             | 2,058                 | 11,242                            | 0.00            | 7,445                            | 4,082                   | 15                      | 0                               | 0                  |
| 1/18/2011 | 28,925                                   | 167             | 2,039                 | 11,938                            | 0.00            | 7,493                            | 4,083                   | 23                      | 0                               | 4                  |
| 1/19/2011 | 28,369                                   | 162             | 1,989                 | 11,863                            | 0.00            | 6,690                            | 4,098                   | 24                      | 6                               | 3                  |
| 1/20/2011 | 27,623                                   | 154             | 1,917                 | 11,479                            | 0.00            | 7,495                            | 4,079                   | 22                      | 5                               | 2                  |
| 1/21/2011 | 25,818                                   | 149             | 1,818                 | 11,058                            | 0.00            | 7,493                            | 3,567                   | 23                      | 0                               | 2                  |
| 1/22/2011 | 25,189                                   | 145             | 1,730                 | 10,754                            | 0.00            | 6,995                            | 3,253                   | 17                      | 6                               | 1                  |
| 1/23/2011 | 24,940                                   | 142             | 1,664                 | 10,134                            | 0.00            | 6,490                            | 4,062                   | 14                      | 3                               | 0                  |
| 1/24/2011 | 24,223                                   | 138             | 1,624                 | 9,323                             | 0.04            | 4,997                            | 4,057                   | 22                      | 5                               | 0                  |
| 1/25/2011 | 23,607                                   | 136             | 1,567                 | 8,638                             | 0.00            | 4,496                            | 3,519                   | 28                      | 3                               | 0                  |
| 1/26/2011 | 22,986                                   | 134             | 1,488                 | 8,123                             | 0.00            | 3,994                            | 4,046                   | 22                      | 4                               | 6                  |
| 1/27/2011 | 21,916                                   | 130             | 1,409                 | 8,184                             | 0.00            | 3,991                            | 4,058                   | 19                      | 18                              | 2                  |
| 1/28/2011 | 21,176                                   | 128             | 1,295                 | 8,351                             | 0.00            | 4,995                            | 2,810                   | 14                      | 15                              | 2                  |
| 1/29/2011 | 20,501                                   | 128             | 1,223                 | 8,313                             | 0.00            | 5,491                            | 3,437                   | 20                      | 17                              | 2                  |
| 1/30/2011 | 20,657                                   | 136             | 1,599                 | 8,007                             | 0.24            | 5,490                            | 4,236                   | 16                      | 16                              | 0                  |
| 1/31/2011 | 21,165                                   | 148             | 1,727                 | 7,631                             | 0.00            | 5,497                            | 4,099                   | 25                      | 18                              | 0                  |
| 2/1/2011  | 21,037                                   | 133             | 1,639                 | 7,322                             | 0.04            | 5,499                            | 4,206                   | 23                      | 18                              | 4                  |
| 2/2/2011  | 20,743                                   | 127             | 1,291                 | 6,984                             | 0.00            | 4,993                            | 3,948                   | 25                      | 16                              | 0                  |
| 2/3/2011  | 20,782                                   | 123             | 1,182                 | 6,771                             | 0.00            | 4,996                            | 4,226                   | 22                      | 15                              | 0                  |
| 2/4/2011  | 20,298                                   | 119             | 1,130                 | 6,781                             | 0.00            | 4,498                            | 4,127                   | 17                      | 13                              | 7                  |
| 2/5/2011  | 19,653                                   | 115             | 1,104                 | 6,786                             | 0.00            | 4,999                            | 4,186                   | 14                      | 18                              | 0                  |
| 2/6/2011  | 19,201                                   | 113             | 1,095                 | 6,873                             | 0.00            | 4,990                            | 4,187                   | 16                      | 13                              | 0                  |
| 2/7/2011  | 18,654                                   | 111             | 1,089                 | 6,858                             | 0.00            | 5,857                            | 3,174                   | 26                      | 10                              | 5                  |
| 2/8/2011  | 18,816                                   | 108             | 1,090                 | 6,823                             | 0.00            | 5,990                            | 2,778                   | 23                      | 2                               | 2                  |

SRWTP : Sacramento Regional Water Treatment Plant effluent.

Yolo Bypass : combined measurements of Cache Creek at Rumsey and Freemont Weir.

East Side Streams : combined stream flows of Cosumnes River at Michigan Bar, Mokelumne River at Woodbridge, miscellaneous streams estimated from Dry Creek at Galt (discontinued since Dec. 1997), and Calaveras River based on releases from New Hogan Dam.

Rainfall : incremental daily precipitation measured at Stockton Fire Station #4.

CCWD Pumping Plants : combined pumping at the Old River, Rock Slough and Middle River Plants.

## Delta Hydrology Conditions

| Date      | Banks Pumping Plant cfs | Delta Gross Channel Depletions cfs | Rio Vista Flow cfs | QWEST cfs | Net Delta Outflow Index cfs | Percent of Inflow Diverted |        | Delta Status |
|-----------|-------------------------|------------------------------------|--------------------|-----------|-----------------------------|----------------------------|--------|--------------|
|           |                         |                                    |                    |           |                             | 3 day                      | 14 day |              |
| 1/10/2011 | 7,307                   | 1,300                              | 34,968             | 13,033    | 47,922                      | 19.1%                      | 15.7%  | f            |
| 1/11/2011 | 8,099                   | 1,300                              | 33,066             | 11,736    | 44,727                      | 19.5%                      | 15.6%  | f            |
| 1/12/2011 | 8,050                   | 1,250                              | 31,218             | 10,975    | 42,121                      | 20.0%                      | 15.6%  | f            |
| 1/13/2011 | 7,413                   | 1,250                              | 29,184             | 9,689     | 38,796                      | 21.3%                      | 16.2%  | f            |
| 1/14/2011 | 7,413                   | 1,200                              | 27,354             | 8,729     | 36,025                      | 22.4%                      | 16.6%  | f            |
| 1/15/2011 | 7,038                   | 1,200                              | 25,749             | 7,892     | 33,571                      | 23.5%                      | 17.1%  | f            |
| 1/16/2011 | 7,038                   | 1,150                              | 25,349             | 7,152     | 32,431                      | 24.4%                      | 17.7%  | f            |
| 1/17/2011 | 7,413                   | 1,150                              | 29,690             | 5,697     | 31,281                      | 25.2%                      | 18.5%  | f            |
| 1/18/2011 | 7,413                   | 1,100                              | 25,005             | 5,940     | 30,885                      | 26.0%                      | 19.7%  | f            |
| 1/19/2011 | 7,413                   | 1,100                              | 24,108             | 7,128     | 31,153                      | 26.0%                      | 20.6%  | f            |
| 1/20/2011 | 6,237                   | 1,100                              | 23,621             | 6,145     | 29,684                      | 26.3%                      | 21.5%  | f            |
| 1/21/2011 | 7,210                   | 1,050                              | 22,980             | 6,134     | 29,041                      | 26.4%                      | 22.1%  | f            |
| 1/22/2011 | 7,038                   | 1,050                              | 21,410             | 6,192     | 27,523                      | 26.9%                      | 22.6%  | f            |
| 1/23/2011 | 6,913                   | 1,000                              | 20,875             | 5,447     | 26,249                      | 27.0%                      | 22.8%  | f            |
| 1/24/2011 | 5,745                   | 1,000                              | 20,656             | 6,217     | 26,799                      | 26.3%                      | 22.1%  | f            |
| 1/25/2011 | 4,831                   | 1,000                              | 20,094             | 6,453     | 26,491                      | 25.1%                      | 21.2%  | f            |
| 1/26/2011 | 4,433                   | 1,000                              | 19,558             | 5,615     | 25,115                      | 23.7%                      | 20.0%  | f            |
| 1/27/2011 | 4,433                   | 950                                | 19,032             | 4,967     | 23,930                      | 23.6%                      | 19.8%  | f            |
| 1/28/2011 | 4,884                   | 950                                | 18,100             | 5,051     | 23,086                      | 24.3%                      | 20.2%  | f            |
| 1/29/2011 | 4,808                   | 950                                | 17,456             | 3,876     | 21,265                      | 26.0%                      | 21.6%  | f            |
| 1/30/2011 | 4,808                   | 950                                | 16,807             | 2,732     | 19,457                      | 28.5%                      | 23.6%  | f            |
| 1/31/2011 | 4,825                   | 900                                | 17,348             | 3,866     | 21,228                      | 30.9%                      | 25.9%  | f            |
| 2/1/2011  | 6,438                   | 900                                | 17,800             | 3,583     | 21,399                      | 31.8%                      | 27.3%  | f            |
| 2/2/2011  | 5,177                   | 900                                | 17,738             | 4,083     | 21,855                      | 31.0%                      | 27.3%  | f            |
| 2/3/2011  | 4,758                   | 900                                | 17,477             | 3,073     | 20,584                      | 31.0%                      | 27.7%  | f            |
| 2/4/2011  | 4,427                   | 900                                | 17,507             | 3,364     | 20,907                      | 30.4%                      | 27.3%  | f            |
| 2/5/2011  | 4,392                   | 900                                | 16,700             | 1,804     | 18,439                      | 31.3%                      | 28.2%  | f            |
| 2/6/2011  | 4,936                   | 900                                | 16,137             | -3,337    | 12,740                      | 37.7%                      | 34.2%  | f            |
| 2/7/2011  | 5,842                   | 900                                | 15,679             | 1,713     | 17,320                      | 32.9%                      | 29.9%  | f            |
| 2/8/2011  | 5,663                   | 900                                | 15,203             | 1,882     | 17,020                      | 33.0%                      | 30.1%  | f            |

Delta Gross Channel Depletions from Dayflow Table 3.

Rio Vista Flow calculated from Dayflow equation.

QWEST calculated from Dayflow equation.

Net Delta Outflow Index calculated from equation as specified in D-1641, revised June 1995.

Coordinated Operation Agreement Delta Status:

c = excess Delta conditions

b = balanced Delta cond. w/ no storage withdrawal

s = balanced Delta cond. w/ storage withdrawal

Excess Delta conditions with restrictions:

f = fish concerns

r = E/I ratio concerns