

UNITED STATES DEPARTMENT OF THE INTERIOR  
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

**AUGUST 2010**

**FULL NATURAL FLOW AT SHASTA DAM**

RUN DATE: September 1, 2010

| DAY                              | LAKE<br>BRITTON | MCCLOUD<br>DIV RES | STORAGE - A.F.<br>IRON<br>CANYON<br>RES | PIT 6  | PIT 7  | RESERVOIR<br>TOTAL | CHANGE<br>A.F. | C.F.S. | SHASTA<br>INFLOW<br>C.F.S | NATURAL<br>RIVER<br>C.F.S | ACCUM *<br>FULL<br>NATURAL<br>1000 A.F. |
|----------------------------------|-----------------|--------------------|-----------------------------------------|--------|--------|--------------------|----------------|--------|---------------------------|---------------------------|-----------------------------------------|
| 1                                | 33,597          | 29,483             | 20,995                                  | 14,008 | 33,113 | 131,196            | +83            | +42    | 3,600                     | 3,642                     | 5,230.1                                 |
| 2                                | 33,529          | 29,458             | 20,985                                  | 14,023 | 33,003 | 130,998            | -198           | -100   | 3,824                     | 3,724                     | 5,237.5                                 |
| 3                                | 33,620          | 29,423             | 20,866                                  | 14,253 | 32,953 | 131,115            | +117           | +59    | 3,551                     | 3,610                     | 5,244.7                                 |
| 4                                | 33,688          | 29,389             | 20,779                                  | 13,933 | 32,702 | 130,491            | -624           | -315   | 4,034                     | 3,719                     | 5,252.0                                 |
| 5                                | 33,575          | 29,340             | 20,715                                  | 14,299 | 32,620 | 130,549            | +58            | +29    | 3,584                     | 3,613                     | 5,259.2                                 |
| 6                                | 33,710          | 29,281             | 20,688                                  | 14,639 | 32,570 | 130,888            | +339           | +171   | 3,348                     | 3,519                     | 5,266.2                                 |
| 7                                | 33,846          | 29,217             | 20,724                                  | 14,654 | 32,912 | 131,353            | +465           | +234   | 3,431                     | 3,665                     | 5,273.4                                 |
| 8                                | 34,222          | 29,172             | 20,793                                  | 14,268 | 33,136 | 131,591            | +238           | +120   | 3,510                     | 3,630                     | 5,280.6                                 |
| 9                                | 34,784          | 29,108             | 20,720                                  | 14,070 | 32,912 | 131,594            | +3             | +2     | 3,656                     | 3,658                     | 5,287.9                                 |
| 10                               | 35,097          | 29,064             | 20,688                                  | 14,329 | 32,975 | 132,153            | +559           | +282   | 3,067                     | 3,349                     | 5,294.5                                 |
| 11                               | 35,504          | 28,990             | 20,661                                  | 14,223 | 32,870 | 132,248            | +95            | +48    | 3,580                     | 3,628                     | 5,301.7                                 |
| 12                               | 34,958          | 28,941             | 20,597                                  | 14,284 | 33,333 | 132,113            | -135           | -68    | 3,451                     | 3,383                     | 5,308.5                                 |
| 13                               | 34,153          | 28,883             | 20,574                                  | 13,933 | 33,481 | 131,024            | -1,089         | -549   | 4,230                     | 3,681                     | 5,315.8                                 |
| 14                               | 33,710          | 28,824             | 20,561                                  | 13,886 | 33,186 | 130,167            | -857           | -432   | 4,163                     | 3,731                     | 5,323.2                                 |
| 15                               | 33,642          | 28,775             | 20,551                                  | 13,827 | 32,939 | 129,734            | -433           | -218   | 3,860                     | 3,642                     | 5,330.4                                 |
| 16                               | 33,925          | 28,702             | 20,579                                  | 13,678 | 32,711 | 129,595            | -139           | -70    | 3,607                     | 3,537                     | 5,337.4                                 |
| 17                               | 33,529          | 28,643             | 20,588                                  | 14,130 | 32,962 | 129,852            | +257           | +130   | 3,275                     | 3,405                     | 5,344.1                                 |
| 18                               | 33,710          | 28,584             | 20,605                                  | 13,721 | 32,765 | 129,385            | -467           | -235   | 3,565                     | 3,330                     | 5,350.8                                 |
| 19                               | 33,665          | 28,526             | 20,469                                  | 13,706 | 32,516 | 128,882            | -503           | -254   | 3,855                     | 3,601                     | 5,357.9                                 |
| 20                               | 34,016          | 28,443             | 20,316                                  | 13,410 | 32,241 | 128,426            | -456           | -230   | 3,600                     | 3,370                     | 5,364.6                                 |
| 21                               | 34,244          | 28,380             | 20,276                                  | 13,235 | 32,030 | 128,165            | -261           | -132   | 3,382                     | 3,250                     | 5,371.0                                 |
| 22                               | 34,669          | 28,279             | 20,285                                  | 13,856 | 31,699 | 128,788            | +623           | +314   | 2,862                     | 3,176                     | 5,377.3                                 |
| 23                               | 34,669          | 28,192             | 20,249                                  | 14,022 | 31,829 | 128,961            | +173           | +87    | 2,872                     | 2,959                     | 5,383.2                                 |
| 24                               | 34,084          | 28,109             | 19,928                                  | 13,871 | 32,146 | 128,138            | -823           | -415   | 3,774                     | 3,359                     | 5,389.9                                 |
| 25                               | 34,084          | 28,027             | 19,711                                  | 14,007 | 31,708 | 127,537            | -601           | -303   | 3,703                     | 3,400                     | 5,396.6                                 |
| 26                               | 34,108          | 27,912             | 19,379                                  | 14,008 | 31,905 | 127,312            | -225           | -113   | 3,550                     | 3,437                     | 5,403.4                                 |
| 27                               | 34,600          | 27,783             | 19,558                                  | 13,736 | 32,057 | 127,734            | +422           | +213   | 2,980                     | 3,193                     | 5,409.8                                 |
| 28                               | 35,166          | 27,711             | 20,169                                  | 13,933 | 32,466 | 129,445            | +1,711         | +863   | 3,162                     | 4,025                     | 5,417.7                                 |
| 29                               | 35,821          | 27,687             | 20,488                                  | 14,038 | 32,412 | 130,446            | +1,001         | +505   | 2,965                     | 3,470                     | 5,424.6                                 |
| 30                               | 35,868          | 27,687             | 20,683                                  | 14,238 | 32,412 | 130,888            | +442           | +223   | 3,098                     | 3,321                     | 5,431.2                                 |
| 31                               | 36,281          | 27,687             | 20,788                                  | 14,284 | 32,277 | 131,317            | +429           | +216   | 3,146                     | 3,362                     | 5,437.9                                 |
| <b>TOTALS</b>                    |                 |                    |                                         |        |        |                    | <b>+204</b>    |        |                           | <b>108,389</b>            |                                         |
| <b>* October 1, 2009 TO DATE</b> |                 |                    |                                         |        |        |                    |                |        |                           | <b>214,990</b>            |                                         |