

**WILLAMETTE FALLS FISHWAY COUNTS**

Month January Year 2010

| Date | Hydrological Data |      |      |      |      |      | Spring Chinook |         |      |        |       |         |           |       |      | Coho  |      |        |       | Steelhead |         |        |  |
|------|-------------------|------|------|------|------|------|----------------|---------|------|--------|-------|---------|-----------|-------|------|-------|------|--------|-------|-----------|---------|--------|--|
|      |                   |      |      |      |      |      | Adult          |         |      | Jack   |       |         | Mini Jack |       |      | Adult |      | Jack   |       | Winter    |         |        |  |
|      | Flow              | HW   | TW   | Diff | Temp | Vis  | Daily          |         | Cum. | Daily  |       |         | Cum.      | Daily | Cum. | Daily | Cum. | Daily  |       | Cum.      |         |        |  |
|      |                   |      |      |      |      |      | Total          | Clipped |      | Unclip | Total | Clipped |           |       |      |       |      | Unclip | Total |           | Clipped | Unclip |  |
| 1    | 39,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 21     | 0     | 21        | 586     |        |  |
| 2    | 60,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 2      | 2     | 0         | 588     |        |  |
| 3    | 62,400            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 18     | 6     | 12        | 606     |        |  |
| 4    | 52,000            | 59.0 | 24.8 | 34.2 | 45   | <1.0 |                |         |      |        |       |         |           |       |      |       |      | 15     | 5     | 10        | 621     |        |  |
| 5    | 44,000            | 58.3 | 22.9 | 35.4 | 45   | <1.0 |                |         |      |        |       |         |           |       |      |       |      | 77     | 2     | 75        | 698     |        |  |
| 6    | 56,000            | 58.3 | 22.6 | 35.7 | 44   | 1.6  |                |         |      |        |       |         |           |       |      |       |      | 88     | 2     | 86        | 786     |        |  |
| 7    | 70,400            | 59.4 | 25.5 | 33.9 | 44   | 1.4  |                |         |      |        |       |         |           |       |      |       |      | 8      | 0     | 8         | 794     |        |  |
| 8    | 70,000            | 59.6 | 27.1 | 32.5 | 44   | <1.0 |                |         |      |        |       |         |           |       |      |       |      | 1      | 0     | 1         | 795     |        |  |
| 9    | 66,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 17     | 0     | 17        | 812     |        |  |
| 10   | 60,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 90     | 1     | 89        | 902     |        |  |
| 11   | 54,000            | 58.8 | 24.7 | 34.1 | 44   | 1.4  |                |         |      |        |       |         |           |       |      |       |      | 95     | 1     | 94        | 997     |        |  |
| 12   | 49,000            | 58.4 | 23.7 | 34.7 | 44   | 1.4  |                |         |      |        |       |         |           |       |      |       |      | 92     | 1     | 91        | 1,089   |        |  |
| 13   | 49,000            | 58.4 | 23.3 | 35.1 | 45   | 1.6  |                |         |      |        |       |         |           |       |      |       |      | 45     | 1     | 44        | 1,134   |        |  |
| 14   | 48,000            | 58.4 | 23.5 | 34.9 | 45   | 1.6  |                |         |      |        |       |         |           |       |      |       |      | 89     | 2     | 87        | 1,223   |        |  |
| 15   | 43,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 53     | 4     | 49        | 1,276   |        |  |
| 16   | 41,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 78     | 2     | 76        | 1,354   |        |  |
| 17   | 44,500            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 31     | 0     | 31        | 1,385   |        |  |
| 18   | 46,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 51     | 3     | 48        | 1,436   |        |  |
| 19   | 44,000            | 58.5 | 23.7 | 34.8 | 46   | 1.0  |                |         |      |        |       |         |           |       |      |       |      | 4      | 0     | 4         | 1,440   |        |  |
| 20   | 38,000            | 58.1 | 23.1 | 35.0 | 46   | 1.0  |                |         |      |        |       |         |           |       |      |       |      | 31     | 0     | 31        | 1,471   |        |  |
| 21   | 33,400            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 49     | 0     | 49        | 1,520   |        |  |
| 22   | 30,400            | 57.1 | 19.8 | 37.3 | 45   | 1.2  |                |         |      |        |       |         |           |       |      |       |      | 53     | 0     | 53        | 1,573   |        |  |
| 23   | 27,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 66     | 1     | 65        | 1,639   |        |  |
| 24   | 24,400            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 37     | 0     | 37        | 1,676   |        |  |
| 25   | 25,000            | 56.4 | 18.1 | 38.3 | 45   | 1.8  |                |         |      |        |       |         |           |       |      |       |      | 25     | 3     | 22        | 1,701   |        |  |
| 26   | 29,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 44     | 1     | 43        | 1,745   |        |  |
| 27   | 27,000            | 56.7 | 18.9 | 37.8 | 46   | 1.8  |                |         |      |        |       |         |           |       |      |       |      | 51     | 0     | 51        | 1,796   |        |  |
| 28   | 24,500            | 56.4 | 18.2 | 38.2 | 46   | 2.0  |                |         |      |        |       |         |           |       |      |       |      | 62     | 0     | 62        | 1,858   |        |  |
| 29   | 22,500            | 56.0 | 17.8 | 38.2 | 46   | 2.3  |                |         |      |        |       |         |           |       |      |       |      | 41     | 0     | 41        | 1,899   |        |  |
| 30   | 21,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 30     | 0     | 30        | 1,929   |        |  |
| 31   | 20,000            |      |      |      |      |      |                |         |      |        |       |         |           |       |      |       |      | 49     | 0     | 49        | 1,978   |        |  |

**WILLAMETTE FALLS FISHWAY COUNTS**

Month February

Year 2010

| Date | Hydrological Data |      |      |      |      |     | Spring Chinook |         |        |      |       |       |           |      |       | Coho  |       |      |        | Steelhead |         |        |       |       |
|------|-------------------|------|------|------|------|-----|----------------|---------|--------|------|-------|-------|-----------|------|-------|-------|-------|------|--------|-----------|---------|--------|-------|-------|
|      |                   |      |      |      |      |     | Adult          |         |        | Jack |       |       | Mini Jack |      |       | Adult |       | Jack |        | Winter    |         |        | Cum.  |       |
|      | Flow              | HW   | TW   | Diff | Temp | Vis | Daily          |         |        | Cum. | Daily |       |           | Cum. | Daily | Cum.  | Daily | Cum. | Daily  |           |         |        |       |       |
|      |                   |      |      |      |      |     | Total          | Clipped | Unclip |      | 0     | Total | Clipped   |      |       |       |       |      | Unclip | Total     | Clipped | Unclip | 1,978 |       |
| 1    | 19,200            | 55.6 | 16.0 | 39.6 | 47   | 2.8 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 51      | 0      | 51    | 2,029 |
| 2    | 20,000            | 55.6 | 15.7 | 39.9 | 48   | 3.0 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 44      | 0      | 44    | 2,073 |
| 3    | 21,400            | 55.7 | 16.1 | 39.6 | 48   | 3.0 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 30      | 0      | 30    | 2,103 |
| 4    | 22,000            | 55.6 | 16.6 | 39.0 | 48   | 2.8 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 18      | 0      | 18    | 2,121 |
| 5    | 22,000            | 55.7 | 16.6 | 39.1 | 48   | 2.8 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 38      | 0      | 38    | 2,159 |
| 6    | 21,000            |      |      |      |      |     | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 53      | 0      | 53    | 2,212 |
| 7    | 19,000            |      |      |      |      |     | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 51      | 0      | 51    | 2,263 |
| 8    | 19,000            | 55.6 | 15.7 | 39.9 | 46   | 2.6 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 45      | 0      | 45    | 2,308 |
| 9    | 17,000            |      |      |      |      |     | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 33      | 0      | 33    | 2,341 |
| 10   | 16,000            | 55.6 | 14.6 | 41.0 | 46   | 2.8 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 12      | 0      | 12    | 2,353 |
| 11   | 15,300            | 55.2 | 14.3 | 40.9 | 46   | 3.3 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 14      | 0      | 14    | 2,367 |
| 12   | 17,000            | 55.2 | 14.1 | 41.1 | 47   | 3.3 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 10      | 0      | 10    | 2,377 |
| 13   | 21,000            |      |      |      |      |     | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 18      | 0      | 18    | 2,395 |
| 14   | 21,000            |      |      |      |      |     | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 41      | 0      | 41    | 2,436 |
| 15   | 21,000            |      |      |      |      |     | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 45      | 1      | 44    | 2,481 |
| 16   | 21,000            | 55.7 | 17.2 | 38.5 | 48   | 1.8 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 54      | 0      | 54    | 2,535 |
| 17   | 21,300            | 55.7 | 17.2 | 38.5 | 48   | 1.6 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 65      | 1      | 64    | 2,600 |
| 18   | 20,000            | 55.6 | 17.2 | 38.4 | 48   | 2.2 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 33      | 0      | 33    | 2,633 |
| 19   | 18,000            | 55.6 | 16.3 | 39.3 | 48   | 2.4 | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 44      | 2      | 42    | 2,677 |
| 20   | 17,000            |      |      |      |      |     | 0              | 0       | 0      | 0    |       |       |           |      |       |       |       |      |        |           | 18      | 2      | 16    | 2,695 |
| 21   | 16,000            |      |      |      |      |     | 1              | 0       | 1      | 1    |       |       |           |      |       |       |       |      |        |           | 15      | 1      | 14    | 2,710 |
| 22   | 14,500            | 55.0 | 13.9 | 41.1 | 46   | 3.5 | 1              | 0       | 1      | 2    |       |       |           |      |       |       |       |      |        |           | 9       | 2      | 7     | 2,719 |
| 23   | 14,500            | 54.8 | 13.8 | 41.0 | 46   | 3.7 | 0              | 0       | 0      | 2    |       |       |           |      |       |       |       |      |        |           | 12      | 2      | 10    | 2,731 |
| 24   | 14,500            | 54.8 | 13.5 | 41.3 | 46   | 3.9 | 0              | 0       | 0      | 2    |       |       |           |      |       |       |       |      |        |           | 13      | 1      | 12    | 2,744 |
| 25   | 14,500            | 55.2 | 14.3 | 40.9 | 45   | 3.9 | 0              | 0       | 0      | 2    |       |       |           |      |       |       |       |      |        |           | 5       | 2      | 3     | 2,749 |
| 26   | 14,500            | 55.6 | 15.2 | 40.4 | 45   | 3.8 | 0              | 0       | 0      | 2    |       |       |           |      |       |       |       |      |        |           | 11      | 0      | 11    | 2,760 |
| 27   | -                 |      |      |      |      |     | 0              | 0       | 0      | 2    |       |       |           |      |       |       |       |      |        |           | 64      | 7      | 57    | 2,824 |
| 28   | 24,000            |      |      |      |      |     | 0              | 0       | 0      | 2    |       |       |           |      |       |       |       |      |        |           | 174     | 4      | 170   | 2,998 |

### WILLAMETTE FALLS FISHWAY COUNTS

Month March

Year 2010

| Date | Hydrological Data |      |      |      |      |      | Spring Chinook |         |        |      |       |         |        |           |       | Steelhead |       |         |        |        |       |         |        |      |
|------|-------------------|------|------|------|------|------|----------------|---------|--------|------|-------|---------|--------|-----------|-------|-----------|-------|---------|--------|--------|-------|---------|--------|------|
|      |                   |      |      |      |      |      | Adult          |         |        |      | Jack  |         |        | Mini Jack |       | Winter    |       |         |        | Summer |       |         |        |      |
|      | Flow              | HW   | TW   | Diff | Temp | Vis  | Daily          |         |        | Cum. | Daily |         |        | Cum.      | Daily | Cum.      | Daily |         |        | Cum.   | Daily |         |        | Cum. |
|      |                   |      |      |      |      |      | Total          | Clipped | Unclip |      | Total | Clipped | Unclip |           |       |           | Total | Clipped | Unclip |        | Total | Clipped | Unclip |      |
| 1    | 20,000            | 55.8 | 17.6 | 38.2 | 48   | 1.3  | 0              | 0       | 0      | 2    |       |         |        |           |       |           | 118   | 0       | 118    | 2,998  | 4     | 4       | 0      | 4    |
| 2    | 18,000            | 55.6 | 16.8 | 38.8 | 48   | 1.3  | 0              | 0       | 0      | 2    |       |         |        |           |       |           | 136   | 0       | 136    | 3,252  | 30    | 30      | 0      | 34   |
| 3    | 17,000            | 55.6 | 15.4 | 40.2 | 49   | 2.0  | 0              | 0       | 0      | 2    |       |         |        |           |       |           | 68    | 0       | 68     | 3,320  | 51    | 51      | 0      | 85   |
| 4    | 15,400            | 55.4 | 14.6 | 40.8 | 49   | 2.7  | 1              | 1       | 0      | 3    |       |         |        |           |       |           | 74    | 0       | 74     | 3,394  | 18    | 18      | 0      | 103  |
| 5    | 15,000            | 55.2 | 14.2 | 41.0 | 50   | 3.0  | 0              | 0       | 0      | 3    |       |         |        |           |       |           | 42    | 0       | 42     | 3,436  | 19    | 19      | 0      | 122  |
| 6    | 14,000            |      |      |      |      |      | 2              | 2       | 0      | 5    |       |         |        |           |       |           | 20    | 0       | 20     | 3,456  | 6     | 6       | 0      | 128  |
| 7    | 13,000            |      |      |      |      |      | 2              | 2       | 0      | 7    |       |         |        |           |       |           | 18    | 0       | 18     | 3,474  | 12    | 12      | 0      | 140  |
| 8    | 13,000            | 54.5 | 13.2 | 41.3 | 50   | 3.7  | 11             | 8       | 3      | 18   |       |         |        |           |       |           | 16    | 0       | 16     | 3,490  | 16    | 16      | 0      | 156  |
| 9    | 13,000            | 54.5 | 13.2 | 41.3 | 49   | 3.8  | 6              | 5       | 1      | 24   |       |         |        |           |       |           | 30    | 0       | 30     | 3,520  | 8     | 8       | 0      | 164  |
| 10   | 12,300            | 54.4 | 12.8 | 41.6 | 48   | 4.3  | 2              | 2       | 0      | 26   |       |         |        |           |       |           | 13    | 0       | 13     | 3,533  | 9     | 9       | 0      | 173  |
| 11   | 12,000            | 54.4 | 13.0 | 41.4 | 48   | 4.5  | 2              | 2       | 0      | 28   |       |         |        |           |       |           | 16    | 0       | 16     | 3,549  | 9     | 9       | 0      | 182  |
| 12   | 13,400            | 54.6 | 13.0 | 41.6 | 47   | 4.5  | 1              | 1       | 0      | 29   |       |         |        |           |       |           | 9     | 0       | 9      | 3,558  | 5     | 5       | 0      | 187  |
| 13   | 21,000            |      |      |      |      |      | 5              | 3       | 2      | 34   |       |         |        |           |       |           | 17    | 0       | 17     | 3,575  | 10    | 10      | 0      | 197  |
| 14   | 25,000            |      |      |      |      |      | 1              | 1       | 0      | 35   |       |         |        |           |       |           | 17    | 0       | 17     | 3,592  | 19    | 19      | 0      | 216  |
| 15   | 21,000            |      |      |      |      |      | 0              | 0       | 0      | 35   |       |         |        |           |       |           | 42    | 0       | 42     | 3,634  | 36    | 36      | 0      | 252  |
| 16   | 19,000            |      |      |      |      |      | 3              | 3       | 0      | 38   |       |         |        |           |       |           | 43    | 0       | 43     | 3,677  | 30    | 30      | 0      | 282  |
| 17   | 17,000            | 55.6 | 15.3 | 40.3 | 46   | 2.3  | 4              | 4       | 0      | 42   |       |         |        |           |       |           | 91    | 0       | 91     | 3,768  | 67    | 67      | 0      | 349  |
| 18   | 16,000            | 55.5 | 14.8 | 40.7 | 48   | 2.6  | 4              | 3       | 1      | 46   |       |         |        |           |       |           | 64    | 0       | 64     | 3,832  | 27    | 27      | 0      | 376  |
| 19   | 15,000            |      |      |      |      |      | 9              | 6       | 3      | 55   |       |         |        |           |       |           | 51    | 0       | 51     | 3,883  | 32    | 32      | 0      | 408  |
| 20   | 14,000            | 55.1 | 14.2 | 40.9 | 48   | 3.4  | 10             | 9       | 1      | 65   |       |         |        |           |       |           | 37    | 0       | 37     | 3,920  | 25    | 25      | 0      | 433  |
| 21   | 13,400            |      |      |      |      |      | 7              | 6       | 1      | 72   |       |         |        |           |       |           | 33    | 0       | 33     | 3,953  | 19    | 19      | 0      | 452  |
| 22   | 13,000            | 54.7 | 13.5 | 41.2 | 50   | 3.8  | 24             | 19      | 5      | 96   |       |         |        |           |       |           | 42    | 0       | 42     | 3,995  | 19    | 19      | 0      | 471  |
| 23   | 14,000            | 54.8 | 13.6 | 41.2 | 50   | 4.0  | 22             | 15      | 7      | 118  |       |         |        |           |       |           | 50    | 0       | 50     | 4,045  | 28    | 28      | 0      | 499  |
| 24   | 13,300            | 54.8 | 13.7 | 41.1 | 50   | 4.6  | 43             | 31      | 12     | 161  |       |         |        |           |       |           | 105   | 0       | 105    | 4,150  | 45    | 45      | 0      | 544  |
| 25   | 13,000            | 54.7 | 13.5 | 41.2 | 50   | 4.6  | 37             | 27      | 10     | 198  |       |         |        |           |       |           | 127   | 0       | 127    | 4,277  | 50    | 50      | 0      | 594  |
| 26   | 15,300            | 54.9 | 13.5 | 41.4 | 51   | 4.7  | 32             | 26      | 6      | 230  |       |         |        |           |       |           | 121   | 0       | 121    | 4,398  | 85    | 85      | 0      | 679  |
| 27   | 25,000            |      |      |      |      |      | 33             | 22      | 11     | 263  |       |         |        |           |       |           | 74    | 0       | 74     | 4,472  | 60    | 60      | 0      | 739  |
| 28   | 26,000            |      |      |      |      |      | 52             | 36      | 16     | 315  |       |         |        |           |       |           | 93    | 0       | 93     | 4,565  | 85    | 85      | 0      | 824  |
| 29   | 27,000            | 56.2 | 17.9 | 38.3 | 50   | 1.3  | 10             | 9       | 1      | 325  |       |         |        |           |       |           | 151   | 0       | 151    | 4,716  | 79    | 79      | 0      | 903  |
| 30   | 55,000            | 58.2 | 21.7 | 36.5 | 49   | <1.0 | 1              | 0       | 1      | 326  |       |         |        |           |       |           | 54    | 0       | 54     | 4,770  | 10    | 10      | 0      | 913  |
| 31   | 69,000            | 59.3 | 25.9 | 33.4 | 49   | <1.0 | 1              | 0       | 1      | 327  |       |         |        |           |       |           | 3     | 0       | 3      | 4,773  | 2     | 2       | 0      | 915  |

**WILLAMETTE FALLS FISHWAY COUNTS**

Month April Year 2010

| Date | Hydrological Data |      |      |      |      |      | Spring Chinook |         |        |               |       |         |           |            |       | Steelhead |       |         |        |              |     |     |   |              |
|------|-------------------|------|------|------|------|------|----------------|---------|--------|---------------|-------|---------|-----------|------------|-------|-----------|-------|---------|--------|--------------|-----|-----|---|--------------|
|      |                   |      |      |      |      |      | Adult          |         |        | Jack          |       |         | Mini Jack |            |       | Winter    |       |         | Summer |              |     |     |   |              |
|      | Flow              | HW   | TW   | Diff | Temp | Vis  | Daily          |         |        | Cum.          | Daily |         |           | Cum.       | Daily | Cum.      | Daily |         |        | Cum.         |     |     |   |              |
|      |                   |      |      |      |      |      | Total          | Clipped | Unclip |               | Total | Clipped | Unclip    |            |       |           | Total | Clipped | Unclip |              |     |     |   |              |
| 1    | 62,300            | 59.4 | 26.8 | 32.6 | 49   | <1.0 | 0              | 0       | 0      | <b>327</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 8     | 0       | 8      | <b>4,773</b> | 2   | 2   | 0 | <b>917</b>   |
| 2    | 51,300            | 58.8 | 24.9 | 33.9 | 48   | <1.0 | 6              | 5       | 1      | <b>333</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 77    | 0       | 77     | <b>4,858</b> | 16  | 16  | 0 | <b>933</b>   |
| 3    | 51,000            |      |      |      |      |      | 0              | 0       | 0      | <b>333</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 72    | 0       | 72     | <b>4,930</b> | 29  | 29  | 0 | <b>962</b>   |
| 4    | 52,000            |      |      |      |      |      | 2              | 1       | 1      | <b>335</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 31    | 0       | 31     | <b>4,961</b> | 31  | 31  | 0 | <b>993</b>   |
| 5    | 47,000            | 58.3 | 24.1 | 34.2 | 46   | 1.3  | 1              | 0       | 1      | <b>336</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 15    | 0       | 15     | <b>4,976</b> | 27  | 27  | 0 | <b>1,020</b> |
| 6    | 42,300            | 57.9 | 22.9 | 35.0 | 46   | 1.3  | 1              | 0       | 1      | <b>337</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 104   | 0       | 104    | <b>5,080</b> | 75  | 75  | 0 | <b>1,095</b> |
| 7    | 40,300            | 57.7 | 22.4 | 35.3 | 46   | 1.6  | 2              | 2       | 0      | <b>339</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 79    | 0       | 79     | <b>5,159</b> | 70  | 70  | 0 | <b>1,165</b> |
| 8    | 37,000            | 57.5 | 21.4 | 36.1 | 46   | 1.6  | 2              | 1       | 1      | <b>341</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 153   | 0       | 153    | <b>5,312</b> | 129 | 129 | 0 | <b>1,294</b> |
| 9    | 36,000            | 57.4 | 21.0 | 36.4 | 48   | 1.9  | 5              | 3       | 2      | <b>346</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 203   | 0       | 203    | <b>5,515</b> | 235 | 235 | 0 | <b>1,529</b> |
| 10   | 34,000            |      |      |      |      |      | 11             | 9       | 2      | <b>357</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 94    | 0       | 94     | <b>5,609</b> | 157 | 157 | 0 | <b>1,686</b> |
| 11   | 29,000            |      |      |      |      |      | 15             | 11      | 4      | <b>372</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 73    | 0       | 73     | <b>5,682</b> | 160 | 160 | 0 | <b>1,846</b> |
| 12   | 27,000            | 56.4 | 18.6 | 37.8 | 49   | 2.6  | 53             | 38      | 15     | <b>425</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 48    | 0       | 48     | <b>5,730</b> | 114 | 114 | 0 | <b>1,960</b> |
| 13   | 26,000            | 56.3 | 19   | 37.7 | 49   | 2.7  | 176            | 132     | 44     | <b>601</b>    | 0     | 0       | 0         | <b>0</b>   |       |           | 54    | 0       | 54     | <b>5,784</b> | 187 | 187 | 0 | <b>2,147</b> |
| 14   | 26,400            | 56.2 | 18.2 | 38.0 | 51   | 2.8  | 909            | 698     | 211    | <b>1,510</b>  | 1     | 1       | 0         | <b>1</b>   |       |           | 106   | 0       | 106    | <b>5,890</b> | 246 | 246 | 0 | <b>2,393</b> |
| 15   | 27,000            | 56.1 | 18.0 | 38.1 | 51   | 2.8  | 336            | 255     | 81     | <b>1,846</b>  | 0     | 0       | 0         | <b>1</b>   |       |           | 81    | 0       | 81     | <b>5,971</b> | 105 | 105 | 0 | <b>2,498</b> |
| 16   | 28,000            |      |      |      |      |      | 753            | 598     | 155    | <b>2,599</b>  | 0     | 0       | 0         | <b>1</b>   |       |           | 85    | 0       | 85     | <b>6,056</b> | 152 | 152 | 0 | <b>2,650</b> |
| 17   | 25,000            |      |      |      |      |      | 429            | 332     | 97     | <b>3,028</b>  | 3     | 3       | 0         | <b>4</b>   |       |           | 79    | 0       | 79     | <b>6,135</b> | 195 | 195 | 0 | <b>2,845</b> |
| 18   | 23,000            |      |      |      |      |      | 948            | 763     | 185    | <b>3,976</b>  | 2     | 2       | 0         | <b>6</b>   |       |           | 96    | 0       | 96     | <b>6,231</b> | 287 | 287 | 0 | <b>3,132</b> |
| 19   | 21,000            | 55.7 | 16.9 | 38.8 | 54   | 3.5  | 894            | 695     | 199    | <b>4,870</b>  | 5     | 5       | 0         | <b>11</b>  |       |           | 53    | 1       | 52     | <b>6,284</b> | 233 | 233 | 0 | <b>3,365</b> |
| 20   | 20,000            | 55.6 | 16.4 | 39.2 | 54   | 3.5  | 2451           | 1,872   | 579    | <b>7,321</b>  | 30    | 29      | 1         | <b>41</b>  |       |           | 89    | 0       | 89     | <b>6,373</b> | 287 | 287 | 0 | <b>3,652</b> |
| 21   | 21,000            | 55.7 | 15.9 | 39.8 | 54   | 4.0  | 1481           | 1,118   | 363    | <b>8,802</b>  | 27    | 23      | 4         | <b>68</b>  |       |           | 51    | 0       | 51     | <b>6,424</b> | 189 | 189 | 0 | <b>3,841</b> |
| 22   | 23,400            | 55.5 | 17.1 | 38.4 | 54   | 4.2  | 689            | 543     | 146    | <b>9,491</b>  | 10    | 8       | 2         | <b>78</b>  |       |           | 52    | 0       | 52     | <b>6,476</b> | 265 | 265 | 0 | <b>4,106</b> |
| 23   | 23,000            | 55.3 | 17.0 | 38.3 | 53   | 4.8  | 165            | 119     | 46     | <b>9,656</b>  | 3     | 3       | 0         | <b>81</b>  |       |           | 15    | 0       | 15     | <b>6,491</b> | 91  | 91  | 0 | <b>4,197</b> |
| 24   | 20,000            |      |      |      |      |      | 355            | 270     | 85     | <b>10,011</b> | 3     | 1       | 2         | <b>84</b>  |       |           | 17    | 0       | 17     | <b>6,508</b> | 170 | 170 | 0 | <b>4,367</b> |
| 25   | 19,000            |      |      |      |      |      | 929            | 786     | 143    | <b>10,940</b> | 14    | 14      | 0         | <b>98</b>  |       |           | 45    | 0       | 45     | <b>6,553</b> | 209 | 209 | 0 | <b>4,576</b> |
| 26   | 17,000            | 55.2 | 14.4 | 40.8 | 54   | 4.8  | 1977           | 1,577   | 400    | <b>12,917</b> | 13    | 9       | 4         | <b>111</b> |       |           | 67    | 0       | 67     | <b>6,620</b> | 253 | 253 | 0 | <b>4,829</b> |
| 27   | 18,000            | 55.3 | 14.3 | 41.0 | 54   | 4.8  | 1682           | 1,359   | 323    | <b>14,599</b> | 28    | 23      | 5         | <b>139</b> |       |           | 56    | 0       | 56     | <b>6,676</b> | 248 | 248 | 0 | <b>5,077</b> |
| 28   | 27,500            | 55.7 | 16.3 | 39.4 | 52   | 4.6  | 640            | 459     | 181    | <b>15,239</b> | 23    | 17      | 6         | <b>162</b> |       |           | 45    | 0       | 45     | <b>6,721</b> | 184 | 184 | 0 | <b>5,261</b> |
| 29   | 37,000            |      |      |      |      |      | 78             | 57      | 21     | <b>15,317</b> | 2     | 2       | 0         | <b>164</b> |       |           | 14    | 0       | 14     | <b>6,735</b> | 77  | 77  | 0 | <b>5,338</b> |
| 30   | 36,500            |      |      |      |      |      | 42             | 35      | 7      | <b>15,359</b> | 2     | 2       | 0         | <b>166</b> |       |           | 23    | 0       | 23     | <b>6,758</b> | 71  | 71  | 0 | <b>5,409</b> |

**WILLAMETTE FALLS FISHWAY COUNTS**

Month May Year 2010

| Date | Hydrological Data |      |      |      |      |     | Spring Chinook |         |        |        |         |        |           |         |        | Steelhead |         |        |        |       |     |     |    |        |
|------|-------------------|------|------|------|------|-----|----------------|---------|--------|--------|---------|--------|-----------|---------|--------|-----------|---------|--------|--------|-------|-----|-----|----|--------|
|      |                   |      |      |      |      |     | Adult          |         |        | Jack   |         |        | Mini Jack |         |        | Winter    |         |        | Summer |       |     |     |    |        |
|      | Flow              | HW   | TW   | Diff | Temp | Vis | Daily          |         |        | Cum.   | Daily   |        |           | Cum.    | Daily  | Cum.      | Daily   |        |        | Cum.  |     |     |    |        |
|      |                   |      |      |      |      |     | Total          | Clipped | Unclip | Total  | Clipped | Unclip | Total     | Clipped | Unclip | Total     | Clipped | Unclip |        |       |     |     |    |        |
| 1    | 35,000            |      |      |      |      |     | 59             | 44      | 15     | 15,359 | 1       | 1      | 0         | 167     | 0      | 0         | 29      | 0      | 29     | 6,787 | 217 | 217 | 0  | 5,626  |
| 2    | 31,000            |      |      |      |      |     | 106            | 88      | 18     | 15,524 | 2       | 2      | 0         | 169     | 0      | 0         | 25      | 0      | 25     | 6,812 | 252 | 252 | 0  | 5,878  |
| 3    | 28,000            | 56.2 | 18.1 | 38.1 | 51   | 3.3 | 266            | 183     | 83     | 15,790 | 6       | 4      | 2         | 175     | 0      | 0         | 50      | 0      | 50     | 6,862 | 329 | 329 | 0  | 6,207  |
| 4    | 30,000            | 56.1 | 17.8 | 38.3 | 51   | 3.5 | 727            | 558     | 169    | 16,517 | 26      | 25     | 1         | 201     | 0      | 0         | 50      | 0      | 50     | 6,912 | 402 | 402 | 0  | 6,609  |
| 5    | 31,000            | 56.3 | 18.2 | 38.1 | 51   | 4.2 | 648            | 491     | 157    | 17,165 | 23      | 21     | 2         | 224     | 0      | 0         | 56      | 0      | 56     | 6,968 | 282 | 282 | 0  | 6,891  |
| 6    | 28,400            | 56.2 | 18.1 | 38.1 | 51   | 4.3 | 430            | 298     | 132    | 17,595 | 14      | 12     | 2         | 238     | 0      | 0         | 22      | 0      | 22     | 6,990 | 198 | 198 | 0  | 7,089  |
| 7    | 25,500            | 55.9 | 17.7 | 38.2 | 50   | 4.3 | 165            | 132     | 33     | 17,760 | 5       | 5      | 0         | 243     | 0      | 0         | 43      | 0      | 43     | 7,033 | 283 | 283 | 0  | 7,372  |
| 8    | 23,000            |      |      |      |      |     | 1031           | 794     | 237    | 18,791 | 16      | 12     | 4         | 259     | 0      | 0         | 49      | 0      | 49     | 7,082 | 453 | 453 | 0  | 7,825  |
| 9    | 21,000            |      |      |      |      |     | 2644           | 2,101   | 543    | 21,435 | 42      | 37     | 5         | 301     | 0      | 0         | 52      | 0      | 52     | 7,134 | 407 | 407 | 0  | 8,232  |
| 10   | 20,000            | 55.6 | 14.9 | 40.7 | 55   | 4.6 | 2447           | 1,918   | 529    | 23,882 | 56      | 48     | 8         | 357     | 0      | 0         | 47      | 0      | 47     | 7,181 | 431 | 431 | 0  | 8,663  |
| 11   | 18,000            | 55.6 | 14.6 | 41.0 | 55   | 4.6 | 2361           | 1,830   | 531    | 26,243 | 64      | 48     | 16        | 421     | 1      | 1         | 43      | 0      | 43     | 7,224 | 399 | 399 | 0  | 9,062  |
| 12   | 18,000            |      |      |      |      |     | 2185           | 1,760   | 425    | 28,428 | 55      | 49     | 6         | 476     | 0      | 1         | 33      | 0      | 33     | 7,257 | 338 | 338 | 0  | 9,400  |
| 13   | 19,000            |      |      |      |      |     | 2018           | 1,620   | 398    | 30,446 | 37      | 35     | 2         | 513     | 2      | 3         | 24      | 0      | 24     | 7,281 | 338 | 338 | 0  | 9,738  |
| 14   | 19,000            | 55.5 | 14.4 | 41.1 | 57   | 5.6 | 1813           | 1,421   | 392    | 32,259 | 44      | 37     | 7         | 557     | 1      | 4         | 33      | 0      | 33     | 7,314 | 318 | 318 | 0  | 10,056 |
| 15   | 19,000            |      |      |      |      |     | 2088           | 1,727   | 361    | 34,347 | 40      | 33     | 7         | 597     | 0      | 4         | 23      | 0      | 23     | 7,337 | 382 | 382 | 0  | 10,438 |
| 16   | 18,000            |      |      |      |      |     | 1969           | 1,599   | 370    | 36,316 | 100     | 83     | 17        | 697     | 2      | 6         | 0       | 0      | 0      | 7,337 | 384 | 344 | 40 | 10,822 |
| 17   | 17,000            | 55.0 | 13.9 | 41.1 | 60   | 6.0 | 1467           | 1,167   | 300    | 37,783 | 62      | 53     | 9         | 759     | 0      | 6         | 0       | 0      | 0      | 7,337 | 389 | 352 | 37 | 11,211 |
| 18   | 18,000            | 55.0 | 13.8 | 41.2 | 60   | 6.0 | 1683           | 1,336   | 347    | 39,466 | 57      | 50     | 7         | 816     | 2      | 8         | 0       | 0      | 0      | 7,337 | 338 | 315 | 23 | 11,549 |
| 19   | 18,000            | 55.1 | 14.0 | 41.1 | 61   | 5.8 | 950            | 787     | 163    | 40,416 | 38      | 28     | 10        | 854     | 3      | 11        | 0       | 0      | 0      | 7,337 | 263 | 234 | 29 | 11,812 |
| 20   | 18,000            | 55.2 | 14.0 | 41.2 | 61   | 5.8 | 657            | 551     | 106    | 41,073 | 20      | 18     | 2         | 874     | 0      | 11        | 0       | 0      | 0      | 7,337 | 211 | 200 | 11 | 12,023 |
| 21   | 20,000            | 55.4 | 14.4 | 41.0 | 60   | 5.7 | 377            | 322     | 55     | 41,450 | 10      | 9      | 1         | 884     | 0      | 11        | 0       | 0      | 0      | 7,337 | 213 | 204 | 9  | 12,236 |
| 22   | 22,000            |      |      |      |      |     | 186            | 159     | 27     | 41,636 | 11      | 10     | 1         | 895     | 0      | 11        | 0       | 0      | 0      | 7,337 | 133 | 125 | 8  | 12,369 |
| 23   | 23,000            |      |      |      |      |     | 91             | 66      | 25     | 41,727 | 4       | 3      | 1         | 899     | 0      | 11        | 0       | 0      | 0      | 7,337 | 98  | 79  | 19 | 12,467 |
| 24   | 24,000            | 56.1 | 15.8 | 40.3 | 54   | 4.3 | 96             | 67      | 29     | 41,823 | 6       | 5      | 1         | 905     | 3      | 14        | 0       | 0      | 0      | 7,337 | 131 | 115 | 16 | 12,598 |
| 25   | 23,000            | 56.0 | 15.8 | 40.2 | 54   | 4.3 | 68             | 51      | 17     | 41,891 | 8       | 8      | 0         | 913     | 0      | 14        | 0       | 0      | 0      | 7,337 | 175 | 171 | 4  | 12,773 |
| 26   | 22,000            | 56.0 | 15.7 | 40.3 | 53   | 4.2 | 203            | 158     | 45     | 42,094 | 14      | 8      | 6         | 927     | 2      | 16        | 0       | 0      | 0      | 7,337 | 166 | 146 | 20 | 12,939 |
| 27   | 24,400            | 56.0 | 15.6 | 40.4 | 53   | 4.2 | 149            | 113     | 36     | 42,243 | 8       | 7      | 1         | 935     | 1      | 17        | 0       | 0      | 0      | 7,337 | 179 | 161 | 18 | 13,118 |
| 28   | 27,000            |      |      |      |      |     | 350            | 269     | 81     | 42,593 | 15      | 11     | 4         | 950     | 4      | 21        | 0       | 0      | 0      | 7,337 | 323 | 294 | 29 | 13,441 |
| 29   | 26,000            |      |      |      |      |     | 387            | 290     | 97     | 42,980 | 17      | 12     | 5         | 967     | 1      | 22        | 0       | 0      | 0      | 7,337 | 326 | 297 | 29 | 13,767 |
| 30   | 24,000            |      |      |      |      |     | 331            | 275     | 56     | 43,311 | 14      | 14     | 0         | 981     | 6      | 28        | 0       | 0      | 0      | 7,337 | 331 | 315 | 16 | 14,098 |
| 31   | 21,000            |      |      |      |      |     | 385            | 331     | 54     | 43,696 | 23      | 18     | 5         | 1,004   | 7      | 35        | 0       | 0      | 0      | 7,337 | 221 | 207 | 14 | 14,319 |

**WILLAMETTE FALLS FISHWAY COUNTS**

Month June Year 2010

| Date | Hydrological Data |      |      |      |      |      | Spring Chinook |         |        |        |       |         |           |       |       | Steelhead |       |         |        |      |     |    |        |
|------|-------------------|------|------|------|------|------|----------------|---------|--------|--------|-------|---------|-----------|-------|-------|-----------|-------|---------|--------|------|-----|----|--------|
|      |                   |      |      |      |      |      | Adult          |         |        | Jack   |       |         | Mini Jack |       |       | Winter    |       |         | Summer |      |     |    |        |
|      | Flow              | HW   | TW   | Diff | Temp | Vis  | Daily          |         |        | Cum.   | Daily |         |           | Cum.  | Daily | Cum.      | Daily |         |        | Cum. |     |    |        |
|      |                   |      |      |      |      |      | Total          | Clipped | Unclip |        | Total | Clipped | Unclip    |       |       |           | Total | Clipped | Unclip |      |     |    |        |
| 1    | 21,000            | 55.8 | 15.2 | 40.6 | 57   | 4.3  | 380            | 315     | 65     | 43,696 | 19    | 15      | 4         | 1,023 | 4     | 39        |       |         |        | 274  | 255 | 19 | 14,593 |
| 2    | 23,000            | 55.9 | 15.3 | 40.6 | 57   | 4.3  | 433            | 358     | 75     | 44,509 | 22    | 19      | 3         | 1,045 | 13    | 52        |       |         |        | 231  | 208 | 23 | 14,824 |
| 3    | 52,000            |      |      |      |      |      | 132            | 93      | 39     | 44,641 | 4     | 2       | 2         | 1,049 | 3     | 55        |       |         |        | 157  | 132 | 25 | 14,981 |
| 4    | 72,000            | 58.9 | 23.9 | 35.0 | 53   | <1.0 | 0              | 0       | 0      | 44,641 | 0     | 0       | 0         | 1,049 | 0     | 55        |       |         |        | 2    | 2   | 0  | 14,983 |
| 5    | 85,000            |      |      |      |      |      | 0              | 0       | 0      | 44,641 | 0     | 0       | 0         | 1,049 | 0     | 55        |       |         |        | 9    | 5   | 4  | 14,992 |
| 6    | 86,400            |      |      |      |      |      | 0              | 0       | 0      | 44,641 | 0     | 0       | 0         | 1,049 | 0     | 55        |       |         |        | 1    | 1   | 0  | 14,993 |
| 7    | 79,400            | 60.0 | 28.9 | 31.1 | 56   | <1.0 | 1              | 1       | 0      | 44,642 | 0     | 0       | 0         | 1,049 | 0     | 55        |       |         |        | 15   | 14  | 1  | 15,008 |
| 8    | 68,000            | 59.7 | 27.9 | 31.8 | 56   | <1.0 | 27             | 22      | 5      | 44,669 | 0     | 0       | 0         | 1,049 | 0     | 55        |       |         |        | 124  | 105 | 19 | 15,132 |
| 9    | 55,000            | 58.9 | 25.4 | 33.5 | 57   | <1.0 | 13             | 10      | 3      | 44,682 | 4     | 3       | 1         | 1,053 | 2     | 57        |       |         |        | 152  | 127 | 25 | 15,284 |
| 10   | 49,000            | 58.2 | 23.7 | 34.5 | 57   | 1.5  | 57             | 33      | 24     | 44,739 | 2     | 1       | 1         | 1,055 | 3     | 60        |       |         |        | 650  | 613 | 37 | 15,934 |
| 11   | 48,400            | 58.0 | 23.0 | 35.0 | 57   | 2.3  | 140            | 107     | 33     | 44,879 | 4     | 4       | 0         | 1,059 | 10    | 70        |       |         |        | 450  | 420 | 30 | 16,384 |
| 12   | 46,000            |      |      |      |      |      | 158            | 116     | 42     | 45,037 | 10    | 8       | 2         | 1,069 | 2     | 72        |       |         |        | 467  | 448 | 19 | 16,851 |
| 13   | 41,400            |      |      |      |      |      | 359            | 287     | 72     | 45,396 | 18    | 16      | 2         | 1,087 | 14    | 86        |       |         |        | 443  | 431 | 12 | 17,294 |
| 14   | 35,200            | 57.0 | 20.1 | 36.9 | 58   | 2.7  | 558            | 473     | 85     | 45,954 | 20    | 18      | 2         | 1,107 | 30    | 116       |       |         |        | 380  | 367 | 13 | 17,674 |
| 15   | 31,000            | 57.0 | 18.3 | 38.7 | 58   | 2.7  | 202            | 163     | 39     | 46,156 | 2     | 1       | 1         | 1,109 | 16    | 132       |       |         |        | 132  | 121 | 11 | 17,806 |
| 16   | 28,000            |      |      |      |      |      | 698            | 547     | 151    | 46,854 | 21    | 15      | 6         | 1,130 | 64    | 196       |       |         |        | 342  | 309 | 33 | 18,148 |
| 17   | 26,000            | 56.6 | 16.8 | 39.8 | 58   | 3.6  | 517            | 394     | 123    | 47,371 | 6     | 4       | 2         | 1,136 | 83    | 279       |       |         |        | 314  | 289 | 25 | 18,462 |
| 18   | 23,400            |      |      |      |      |      | 344            | 262     | 82     | 47,715 | 6     | 6       | 0         | 1,142 | 97    | 376       |       |         |        | 274  | 251 | 23 | 18,736 |
| 19   | 22,000            |      |      |      |      |      | 572            | 487     | 85     | 48,287 | 16    | 15      | 1         | 1,158 | 46    | 422       |       |         |        | 339  | 324 | 15 | 19,075 |
| 20   | 20,400            |      |      |      |      |      | 550            | 468     | 82     | 48,837 | 18    | 15      | 3         | 1,176 | 42    | 464       |       |         |        | 307  | 297 | 10 | 19,382 |
| 21   | 19,000            | 55.5 | 14.7 | 40.8 | 58   | 4.3  | 780            | 636     | 144    | 49,617 | 13    | 13      | 0         | 1,189 | 160   | 624       |       |         |        | 315  | 293 | 22 | 19,697 |
| 22   | 18,000            | 55.3 | 14.5 | 40.8 | 58   | 4.3  | 837            | 658     | 179    | 50,454 | 10    | 9       | 1         | 1,199 | 140   | 764       |       |         |        | 259  | 227 | 32 | 19,956 |
| 23   | 17,000            | 55.2 | 14.3 | 40.9 | 59   | 4.3  | 1334           | 1,125   | 209    | 51,788 | 27    | 26      | 1         | 1,226 | 84    | 848       |       |         |        | 254  | 248 | 6  | 20,210 |
| 24   | 15,300            | 54.8 | 13.9 | 40.9 | 60   | 4.5  | 1412           | 1,131   | 281    | 53,200 | 20    | 17      | 3         | 1,246 | 165   | 1,013     |       |         |        | 246  | 229 | 17 | 20,456 |
| 25   | 14,500            | 54.6 | 13.5 | 41.1 | 60   | 4.5  | 1657           | 1,305   | 352    | 54,857 | 17    | 13      | 4         | 1,263 | 171   | 1,184     |       |         |        | 270  | 247 | 23 | 20,726 |
| 26   | 14,000            |      |      |      |      |      | 1039           | 832     | 207    | 55,896 | 15    | 12      | 3         | 1,278 | 133   | 1,317     |       |         |        | 222  | 201 | 21 | 20,948 |
| 27   | 13,400            |      |      |      |      |      | 881            | 698     | 183    | 56,777 | 4     | 3       | 1         | 1,282 | 155   | 1,472     |       |         |        | 209  | 169 | 40 | 21,157 |
| 28   | 13,000            | 54.7 | 12.6 | 42.1 | 67   | 5.5  | 704            | 544     | 160    | 57,481 | 7     | 3       | 4         | 1,289 | 149   | 1,621     |       |         |        | 186  | 164 | 22 | 21,343 |
| 29   | 13,000            | 54.6 | 12.1 | 42.5 | 67   | 5.5  | 880            | 695     | 185    | 58,361 | 13    | 9       | 4         | 1,302 | 190   | 1,811     |       |         |        | 221  | 207 | 14 | 21,564 |
| 30   | 12,500            | 54.4 | 11.9 | 42.5 | 68   | 5.8  | 662            | 537     | 125    | 59,023 | 7     | 6       | 1         | 1,309 | 148   | 1,959     |       |         |        | 176  | 160 | 16 | 21,740 |

Cumulative Adult Spring Chinook Mark Rate: 79.3%

**WILLAMETTE FALLS FISHWAY COUNTS**

Month July Year 2010

| Date | Hydrological Data |      |      |      |      |     | Spring Chinook |         |        |        |         |        | Steelhead |         |        |       |         |        |       |         |        |    |        |
|------|-------------------|------|------|------|------|-----|----------------|---------|--------|--------|---------|--------|-----------|---------|--------|-------|---------|--------|-------|---------|--------|----|--------|
|      |                   |      |      |      |      |     | Adult          |         |        | Jack   |         |        | Mini Jack |         | Winter |       |         | Summer |       |         |        |    |        |
|      | Flow              | HW   | TW   | Diff | Temp | Vis | Daily          |         | Cum.   | Daily  |         | Cum.   | Daily     | Cum.    | Daily  |       | Cum.    | Daily  |       | Cum.    |        |    |        |
|      |                   |      |      |      |      |     | Total          | Clipped | Unclip | Total  | Clipped | Unclip | Total     | Clipped | Unclip | Total | Clipped | Unclip | Total | Clipped | Unclip |    |        |
| 1    | 12,300            |      |      |      |      |     | 579            | 454     | 125    | 59,602 | 15      | 11     | 4         | 1,324   | 177    | 2,136 |         |        |       | 177     | 165    | 12 | 21,917 |
| 2    | 12,000            |      |      |      |      |     | 501            | 409     | 92     | 60,103 | 6       | 5      | 1         | 1,330   | 136    | 2,272 |         |        |       | 153     | 141    | 12 | 22,070 |
| 3    | 12,000            |      |      |      |      |     | 224            | 174     | 50     | 60,327 | 4       | 3      | 1         | 1,334   | 89     | 2,361 |         |        |       | 112     | 100    | 12 | 22,182 |
| 4    | 12,000            |      |      |      |      |     | 167            | 124     | 43     | 60,494 | 8       | 6      | 2         | 1,342   | 82     | 2,443 |         |        |       | 95      | 86     | 9  | 22,277 |
| 5    | 11,500            |      |      |      |      |     | 127            | 96      | 31     | 60,621 | 6       | 4      | 2         | 1,348   | 122    | 2,565 |         |        |       | 102     | 93     | 9  | 22,379 |
| 6    | 11,000            |      |      |      |      |     | 144            | 105     | 39     | 60,765 | 13      | 10     | 3         | 1,361   | 104    | 2,669 |         |        |       | 107     | 99     | 8  | 22,486 |
| 7    | 11,000            | 52.9 | 10.9 | 42.0 | 63   | 5.8 | 276            | 217     | 59     | 61,041 | 9       | 7      | 2         | 1,370   | 127    | 2,796 |         |        |       | 154     | 139    | 15 | 22,640 |
| 8    | 11,000            | 52.9 | 12.7 | 40.2 | 66   | 5.8 | 694            | 544     | 150    | 61,735 | 15      | 13     | 2         | 1,385   | 114    | 2,910 |         |        |       | 203     | 188    | 15 | 22,843 |
| 9    | 10,600            | 53.6 | 13.1 | 40.5 | 68   | 6.3 | 1011           | 778     | 233    | 62,746 | 24      | 18     | 6         | 1,409   | 150    | 3,060 |         |        |       | 255     | 233    | 22 | 23,098 |
| 10   | 10,400            |      |      |      |      |     | 566            | 452     | 114    | 63,312 | 27      | 23     | 4         | 1,436   | 131    | 3,191 |         |        |       | 208     | 190    | 18 | 23,306 |
| 11   | 10,300            |      |      |      |      |     | 227            | 186     | 41     | 63,539 | 29      | 22     | 7         | 1,465   | 89     | 3,280 |         |        |       | 103     | 89     | 14 | 23,409 |
| 12   | 10,400            | 56.0 | 11.9 | 44.1 | 74   | 5.3 | 136            | 97      | 39     | 63,675 | 13      | 10     | 3         | 1,478   | 64     | 3,344 |         |        |       | 99      | 85     | 14 | 23,508 |
| 13   | 11,000            | 55.9 | 12.4 | 43.5 | 75   | 5.4 | 78             | 42      | 36     | 63,753 | 12      | 8      | 4         | 1,490   | 48     | 3,392 |         |        |       | 83      | 70     | 13 | 23,591 |
| 14   | 11,000            |      |      |      |      |     | 50             | 32      | 18     | 63,803 | 5       | 5      | 0         | 1,495   | 54     | 3,446 |         |        |       | 72      | 62     | 10 | 23,663 |
| 15   | 11,000            | 55.7 | 12.8 | 42.9 | 72   | 6.0 | 87             | 53      | 34     | 63,890 | 10      | 8      | 2         | 1,505   | 44     | 3,490 |         |        |       | 77      | 66     | 11 | 23,740 |
| 16   | 10,500            | 55.8 | 12.6 | 43.2 | 72   | 5.6 | 79             | 49      | 30     | 63,969 | 12      | 9      | 3         | 1,517   | 40     | 3,530 |         |        |       | 84      | 72     | 12 | 23,824 |
| 17   | 10,400            |      |      |      |      |     | 111            | 86      | 25     | 64,080 | 5       | 5      | 0         | 1,522   | 87     | 3,617 |         |        |       | 94      | 85     | 9  | 23,918 |
| 18   | 10,300            |      |      |      |      |     | 107            | 77      | 30     | 64,187 | 23      | 17     | 6         | 1,545   | 89     | 3,706 |         |        |       | 92      | 82     | 10 | 24,010 |
| 19   | 10,400            | 55.8 | 12.1 | 43.7 | 70   | 5.8 | 86             | 61      | 25     | 64,273 | 14      | 8      | 6         | 1,559   | 62     | 3,768 |         |        |       | 87      | 76     | 11 | 24,097 |
| 20   | 10,300            | 55.8 | 12.1 | 43.7 | 70   | 5.8 | 85             | 51      | 34     | 64,358 | 9       | 7      | 2         | 1,568   | 54     | 3,822 |         |        |       | 80      | 71     | 9  | 24,177 |
| 21   | 10,300            | 55.8 | 11.9 | 43.9 | 70   | 6.4 | 65             | 34      | 31     | 64,423 | 8       | 6      | 2         | 1,576   | 50     | 3,872 |         |        |       | 66      | 55     | 11 | 24,243 |
| 22   | 10,300            | 55.7 | 12.0 | 43.7 | 70   | 6.4 | 98             | 68      | 30     | 64,521 | 8       | 6      | 2         | 1,584   | 63     | 3,935 |         |        |       | 77      | 68     | 9  | 24,320 |
| 23   | 10,200            | 55.8 | 11.9 | 43.9 | 71   | 6.5 | 117            | 82      | 35     | 64,638 | 7       | 6      | 1         | 1,591   | 47     | 3,982 |         |        |       | 86      | 76     | 10 | 24,406 |
| 24   | 10,000            |      |      |      |      |     | 83             | 62      | 21     | 64,721 | 11      | 8      | 3         | 1,602   | 55     | 4,037 |         |        |       | 69      | 60     | 9  | 24,475 |
| 25   | 9,800             |      |      |      |      |     | 81             | 51      | 30     | 64,802 | 10      | 8      | 2         | 1,612   | 57     | 4,094 |         |        |       | 49      | 41     | 8  | 24,524 |
| 26   | 9,800             | 55.8 | 11.3 | 44.5 | 71   | 5.7 | 65             | 48      | 17     | 64,867 | 13      | 10     | 3         | 1,625   | 65     | 4,159 |         |        |       | 40      | 33     | 7  | 24,564 |
| 27   | 9,800             | 55.8 | 11.3 | 44.5 | 71   | 5.8 | 73             | 47      | 26     | 64,940 | 11      | 9      | 2         | 1,636   | 70     | 4,229 |         |        |       | 44      | 38     | 6  | 24,608 |
| 28   | 9,700             | 55.7 | 10.8 | 44.9 | 72   | 6.0 | 31             | 15      | 16     | 64,971 | 10      | 9      | 1         | 1,646   | 42     | 4,271 |         |        |       | 34      | 27     | 7  | 24,642 |
| 29   | 9,600             | 55.8 | 10.8 | 45.0 | 72   | 6.0 | 24             | 13      | 11     | 64,995 | 8       | 6      | 2         | 1,654   | 44     | 4,315 |         |        |       | 35      | 30     | 5  | 24,677 |
| 30   | 9,200             | 55.7 | 10.9 | 44.8 | 73   | 6.2 | 20             | 9       | 11     | 65,015 | 7       | 5      | 2         | 1,661   | 29     | 4,344 |         |        |       | 27      | 21     | 6  | 24,704 |
| 31   | 9,100             |      |      |      |      |     | 15             | 7       | 8      | 65,030 | 1       | 1      | 0         | 1,662   | 27     | 4,371 |         |        |       | 20      | 19     | 1  | 24,724 |

Cumulative Adult Spring Chinook Mark Rate: 78.9%

**WILLAMETTE FALLS FISHWAY COUNTS**

Month August Year 2010

| Date | Hydrological Data |      |      |      |      |     | Spring/Fall Chinook |         |        |        |         |        |           |         |        | Steelhead |         |        |        |         |        |    |    |        |
|------|-------------------|------|------|------|------|-----|---------------------|---------|--------|--------|---------|--------|-----------|---------|--------|-----------|---------|--------|--------|---------|--------|----|----|--------|
|      |                   |      |      |      |      |     | Adult               |         |        | Jack   |         |        | Mini Jack |         |        | Winter    |         |        | Summer |         |        |    |    |        |
|      | Flow              | HW   | TW   | Diff | Temp | Vis | Daily               |         |        | Cum.   | Daily   |        |           | Cum.    | Daily  | Cum.      | Daily   |        |        | Cum.    |        |    |    |        |
|      |                   |      |      |      |      |     | Total               | Clipped | Unclip | Total  | Clipped | Unclip | Total     | Clipped | Unclip | Total     | Clipped | Unclip | Total  | Clipped | Unclip |    |    |        |
| 1    | 9,000             |      |      |      |      |     | 12                  | 6       | 6      | 65,030 | 2       | 2      | 0         | 1,664   | 18     | 4,389     |         |        |        |         | 20     | 18 | 2  | 24,724 |
| 2    | 9,100             | 55.8 | 10.2 | 45.6 | 71   | 6.7 | 27                  | 18      | 9      | 65,069 | 3       | 3      | 0         | 1,667   | 18     | 4,407     |         |        |        |         | 28     | 22 | 6  | 24,772 |
| 3    | 8,800             | 55.7 | 10.2 | 45.5 | 71   | 6.7 | 19                  | 9       | 10     | 65,088 | 3       | 3      | 0         | 1,670   | 22     | 4,429     |         |        |        |         | 19     | 14 | 5  | 24,791 |
| 4    | 9,100             | 55.7 | 10.2 | 45.5 | 72   | 6.8 | 13                  | 6       | 7      | 65,101 | 4       | 4      | 0         | 1,674   | 24     | 4,453     |         |        |        |         | 35     | 28 | 7  | 24,826 |
| 5    | 8,800             |      |      |      |      |     | 13                  | 7       | 6      | 65,114 | 10      | 8      | 2         | 1,684   | 25     | 4,478     |         |        |        |         | 26     | 20 | 6  | 24,852 |
| 6    | 8,400             | 55.7 | 9.9  | 45.8 | 70   | 6.5 | 35                  | 24      | 11     | 65,149 | 11      | 11     | 0         | 1,695   | 20     | 4,498     |         |        |        |         | 36     | 26 | 10 | 24,888 |
| 7    | 8,500             |      |      |      |      |     | 20                  | 12      | 8      | 65,169 | 18      | 15     | 3         | 1,713   | 16     | 4,514     |         |        |        |         | 22     | 14 | 8  | 24,910 |
| 8    | 8,400             |      |      |      |      |     | 21                  | 14      | 7      | 65,190 | 15      | 12     | 3         | 1,728   | 9      | 4,523     |         |        |        |         | 22     | 16 | 6  | 24,932 |
| 9    | 8,400             | 55.7 | 9.9  | 45.8 | 71   | 6.3 | 23                  | 16      | 7      | 65,213 | 14      | 14     | 0         | 1,742   | 4      | 4,527     |         |        |        |         | 17     | 11 | 6  | 24,949 |
| 10   | 8,200             | 55.7 | 10.0 | 45.7 | 71   | 6.3 | 14                  | 5       | 9      | 65,227 | 9       | 8      | 1         | 1,751   | 3      | 4,530     |         |        |        |         | 11     | 9  | 2  | 24,960 |
| 11   | 8,300             | 55.8 | 9.5  | 46.3 | 72   | 6.5 | 13                  | 7       | 6      | 65,240 | 6       | 3      | 3         | 1,757   | 4      | 4,534     |         |        |        |         | 14     | 7  | 7  | 24,974 |
| 12   | 8,000             | 55.7 | 9.5  | 46.2 | 72   | 6.5 | 12                  | 5       | 7      | 65,252 | 3       | 2      | 1         | 1,760   | 7      | 4,541     |         |        |        |         | 11     | 7  | 4  | 24,985 |
| 13   | 7,800             | 55.7 | 9.3  | 46.4 | 72   | 6.7 | 11                  | 4       | 7      | 65,263 | 4       | 4      |           | 1,764   | 7      | 4,548     |         |        |        |         | 17     | 12 | 5  | 25,002 |
| 14   | 7,500             |      |      |      |      |     | 14                  | 4       | 10     | 65,277 | 2       | 1      | 1         | 1,766   | 0      | 4,548     |         |        |        |         | 12     | 7  | 5  | 25,014 |
| 15   | 7,500             |      |      |      |      |     | 16                  | 3       | 13     | 65,293 | 0       | 0      | 0         | 1,766   | 0      | 4,548     |         |        |        |         | 12     | 7  | 5  | 25,026 |
| 16   | 7,300             | 55.7 | 9.2  | 46.5 | 73   | 7.0 | 9                   | 2       | 7      | 9      | 3       | 3      | 0         | 3       | 3      | 4,551     |         |        |        |         | 10     | 4  | 6  | 25,036 |
| 17   | 7,300             | 55.7 | 9.0  | 46.7 | 73   | 7.1 | 9                   | 4       | 5      | 18     | 1       | 1      | 0         | 4       | 2      | 4,553     |         |        |        |         | 12     | 7  | 5  | 25,048 |
| 18   | 7,600             | 55.7 | 7.7  | 48.0 | 74   | 6.8 | 2                   | 0       | 2      | 20     | 0       | 0      | 0         | 4       | 1      | 4,554     |         |        |        |         | 10     | 4  | 6  | 25,058 |
| 19   | 7,100             | 55.8 | 7.7  | 48.1 | 74   | 6.8 | 3                   | 3       | 0      | 23     | 0       | 0      | 0         | 4       | 1      | 4,555     |         |        |        |         | 6      | 4  | 2  | 25,064 |
| 20   | 6,700             |      |      |      |      |     | 2                   | 0       | 2      | 25     | 0       | 0      | 0         | 4       | 0      | 4,555     |         |        |        |         | 5      | 2  | 3  | 25,069 |
| 21   | 6,700             |      |      |      |      |     | 5                   | 1       | 4      | 30     | 0       | 0      | 0         | 4       | 0      | 4,555     |         |        |        |         | 3      | 2  | 1  | 25,072 |
| 22   | 6,700             |      |      |      |      |     | 5                   | 0       | 5      | 35     | 0       | 0      | 0         | 4       | 1      | 4,556     |         |        |        |         | 5      | 1  | 4  | 25,077 |
| *23  | 6,700             | 55.8 | 7.6  | 48.2 | 70   | 7.0 | 2                   | 0       | 2      | 37     | 0       | 0      | 0         | 4       | 0      | 4,556     |         |        |        |         | 0      | 0  | 0  | 25,077 |
| 24   | 6,600             |      |      |      |      | 7.0 | 0                   | 0       | 0      | 37     | 0       | 0      | 0         | 4       | -      | 4,556     |         |        |        |         | 0      | 0  | 0  | 25,077 |
| 25   | 6,400             |      |      |      |      | 7.1 | 0                   | 0       | 0      | 37     | 0       | 0      | 0         | 4       | -      | 4,556     |         |        |        |         | 0      | 0  | 0  | 25,077 |
| 26   | 6,800             |      |      |      |      |     | 0                   | 0       | 0      | 37     | 0       | 0      | 0         | 4       | -      | 4,556     |         |        |        |         | 0      | 0  | 0  | 25,077 |
| 27   | 6,800             |      |      |      |      | 6.4 | 11                  | 2       | 9      | 48     | 0       | 0      | 0         | 4       | 1      | 4,557     |         |        |        |         | 12     | 7  | 5  | 25,089 |
| 28   | 6,600             |      |      |      |      |     | 26                  | 4       | 22     | 74     | 1       | 1      | 0         | 5       | 0      | 4,557     |         |        |        |         | 37     | 12 | 25 | 25,126 |
| 29   | 6,700             |      |      |      |      |     | 13                  | 4       | 9      | 87     | 0       | 0      | 0         | 5       | 0      | 4,557     |         |        |        |         | 14     | 5  | 9  | 25,140 |
| 30   | 6,800             | 55.8 | 7.5  | 48.3 | 69   | 7.8 | 10                  | 0       | 10     | 97     | 0       | 0      | 0         | 5       | 0      | 4,557     |         |        |        |         | 6      | 2  | 4  | 25,146 |
| 31   | 7,000             | 55.6 | 7.6  | 48.0 | 69   | 7.8 | 9                   | 1       | 8      | 106    | 0       | 0      | 0         | 5       | 1      | 4,558     |         |        |        |         | 8      | 3  | 5  | 25,154 |

Cumulative Adult Spring Chinook Mark Rate: 78.8%

\* Fishladder dewatered from August 23-27. Watered back up on the 27th.  
The final count for spring Chinook was the 15th.



**WILLAMETTE FALLS FISHWAY COUNTS**

Month September

Year 2010

| Date | Hydrological Data |      |      |      |      |     | Fall Chinook |         |        |      |       |         |           |      |       | Coho  |       |        |       | Steelhead |        |      |       |         |        |
|------|-------------------|------|------|------|------|-----|--------------|---------|--------|------|-------|---------|-----------|------|-------|-------|-------|--------|-------|-----------|--------|------|-------|---------|--------|
|      |                   |      |      |      |      |     | Adult        |         |        | Jack |       |         | Mini Jack |      |       | Adult |       | Jack   |       | Summer    |        |      |       |         |        |
|      | Flow              | HW   | TW   | Diff | Temp | Vis | Daily        |         |        | Cum. | Daily |         |           | Cum. | Daily | Cum.  | Daily | Cum.   | Daily |           |        | Cum. |       |         |        |
|      |                   |      |      |      |      |     | Total        | Clipped | Unclip |      | Total | Clipped | Unclip    |      |       |       |       |        | Total | Clipped   | Unclip |      | Total | Clipped | Unclip |
| 1    | 7,200             | 55.7 | 8.8  | 46.9 | 68   | 6.3 | 20           | 3       | 17     | 126  | 0     | 0       | 0         | 5    | 0     | 4,558 | 36    | 181    | 6     | 107       | 21     | 7    | 14    | 25,175  |        |
| 2    | 7,100             | 55.7 | 8.8  | 46.9 | 66   | 6.8 | 11           | 3       | 8      | 137  | 0     | 0       | 0         | 5    | 1     | 4,559 | 31    | 212    | 0     | 107       | 16     | 6    | 10    | 25,191  |        |
| 3    | 7,300             | 55.6 | 8.8  | 46.8 | 66   | 7.3 | 14           | 2       | 12     | 151  | 2     | 1       | 1         | 7    | 1     | 4,560 | 69    | 281    | 6     | 113       | 9      | 3    | 6     | 25,200  |        |
| 4    | 7,300             | 55.6 | 8.8  | 46.8 | 66   | 7.3 | 13           | 2       | 11     | 164  | 0     | 0       | 0         | 7    | 0     | 4,560 | 100   | 381    | 6     | 119       | 8      | 4    | 4     | 25,208  |        |
| 5    | 6,900             |      |      |      |      |     | 26           | 7       | 19     | 190  | 3     | 1       | 2         | 10   | 0     | 4,560 | 121   | 502    | 12    | 131       | 14     | 5    | 9     | 25,222  |        |
| 6    | 6,900             |      |      |      |      |     | 19           | 4       | 15     | 209  | 2     | 0       | 2         | 12   | 0     | 4,560 | 92    | 594    | 10    | 141       | 7      | 7    | 1     | 6       | 25,229 |
| 7    | 6,800             |      |      |      |      |     | 20           | 1       | 19     | 229  | 3     | 0       | 3         | 15   | 0     | 4,560 | 110   | 704    | 17    | 158       | 4      | 1    | 3     | 25,233  |        |
| 8    | 6,800             | 56.0 | 7.9  | 48.1 | 68   | 7.6 | 30           | 6       | 24     | 259  | 3     | 1       | 2         | 18   | 2     | 4,562 | 315   | 1,019  | 35    | 193       | 13     | 1    | 12    | 25,246  |        |
| 9    | 7,600             | 55.7 | 9.1  | 46.6 | 67   | 7.4 | 35           | 5       | 30     | 294  | 6     | 0       | 6         | 24   | 0     | 4,562 | 299   | 1,318  | 29    | 222       | 10     | 4    | 6     | 25,256  |        |
| 10   | 7,800             | 55.7 | 9.2  | 46.5 | 67   | 7.4 | 36           | 4       | 32     | 330  | 8     | 2       | 6         | 32   | 1     | 4,563 | 366   | 1,684  | 21    | 243       | 19     | 9    | 10    | 25,275  |        |
| 11   | 7,800             |      |      |      |      |     | 26           | 3       | 23     | 356  | 5     | 0       | 5         | 37   | 2     | 4,565 | 304   | 1,988  | 27    | 270       | 14     | 4    | 10    | 25,289  |        |
| 12   | 7,800             |      |      |      |      |     | 15           | 5       | 10     | 371  | 2     | 0       | 2         | 39   | 0     | 4,565 | 310   | 2,298  | 31    | 301       | 12     | 3    | 9     | 25,301  |        |
| 13   | 7,600             | 55.7 | 9.2  | 46.5 | 65   | 7.7 | 33           | 6       | 27     | 404  | 3     | 1       | 2         | 42   | 0     | 4,565 | 380   | 2,678  | 17    | 318       | 9      | 1    | 8     | 25,310  |        |
| 14   | 7,600             | 55.7 | 9.2  | 46.5 | 65   | 7.8 | 40           | 6       | 34     | 444  | 8     | 3       | 5         | 50   | 2     | 4,567 | 507   | 3,185  | 45    | 363       | 9      | 3    | 6     | 25,319  |        |
| 15   | 7,600             | 55.7 | 9.3  | 46.4 | 66   | 7.8 | 7            | 0       | 7      | 451  | 0     | 0       | 0         | 50   | 0     | 4,567 | 376   | 3,561  | 26    | 389       | 0      | 0    | 0     | 25,319  |        |
| 16   | 8,100             | 55.7 | 9.3  | 46.4 | 66   | 7.6 | 7            | 0       | 7      | 458  | 0     | 0       | 0         | 50   | 0     | 4,567 | 364   | 3,925  | 48    | 437       | 8      | 1    | 7     | 25,327  |        |
| 17   | 8,000             |      |      |      |      |     | 6            | 1       | 5      | 464  | 0     | 0       | 0         | 50   | 0     | 4,567 | 275   | 4,200  | 49    | 486       | 3      | 0    | 3     | 25,330  |        |
| 18   | 8,000             |      |      |      |      |     | 7            | 0       | 7      | 471  | 0     | 0       | 0         | 50   | 0     | 4,567 | 249   | 4,449  | 29    | 515       | 10     | 0    | 10    | 25,340  |        |
| 19   | 9,100             |      |      |      |      |     | 18           | 1       | 17     | 489  | 3     | 0       | 3         | 53   | 0     | 4,567 | 378   | 4,827  | 41    | 556       | 15     | 2    | 13    | 25,355  |        |
| 20   | 9,700             | 55.6 | 11.4 | 44.2 | 63   | 6.5 | 19           | 3       | 16     | 508  | 4     | 1       | 3         | 57   | 0     | 4,567 | 555   | 5,382  | 76    | 632       | 14     | 3    | 11    | 25,369  |        |
| 21   | 11,000            | 54.4 | 13.0 | 41.4 | 63   | 6.5 | 20           | 1       | 19     | 528  | 3     | 1       | 2         | 60   | 0     | 4,567 | 886   | 6,268  | 110   | 742       | 28     | 6    | 22    | 25,397  |        |
| 22   | 10,200            | 55.8 | 12.9 | 42.9 | 64   | 6.6 | 11           | 1       | 10     | 539  | 0     | 0       | 0         | 60   | 0     | 4,567 | 894   | 7,162  | 95    | 837       | 14     | 2    | 12    | 25,411  |        |
| 23   | 9,500             | 55.7 | 11.7 | 44.0 | 64   | 6.6 | 10           | 1       | 9      | 549  | 2     | 0       | 2         | 62   | 0     | 4,567 | 759   | 7,921  | 90    | 927       | 10     | 1    | 9     | 25,421  |        |
| 24   | 9,200             | 56.0 | 10.4 | 45.6 | 63   | 6.7 | 8            | 0       | 8      | 557  | 2     | 1       | 1         | 64   | 0     | 4,567 | 845   | 8,766  | 86    | 1,013     | 16     | 1    | 15    | 25,437  |        |
| 25   | 9,000             |      |      |      |      |     | 13           | 1       | 12     | 570  | 1     | 0       | 1         | 65   | 0     | 4,567 | 893   | 9,659  | 87    | 1,100     | 19     | 1    | 18    | 25,456  |        |
| 26   | 8,800             |      |      |      |      |     | 11           | 1       | 10     | 581  | 4     | 0       | 4         | 69   | 0     | 4,567 | 970   | 10,629 | 90    | 1,190     | 12     | 1    | 11    | 25,468  |        |
| 27   | 8,700             | 56.0 | 10.0 | 46.0 | 60   | 7.0 | 17           | 3       | 14     | 598  | 3     | 0       | 3         | 72   | 0     | 4,567 | 1290  | 11,919 | 164   | 1,354     | 25     | 3    | 22    | 25,493  |        |
| 28   | 8,600             | 56.0 | 9.9  | 46.1 | 60   | 7.0 | 19           | 2       | 17     | 617  | 2     | 0       | 2         | 74   | 0     | 4,567 | 1214  | 13,133 | 89    | 1,443     | 13     | 2    | 11    | 25,506  |        |
| 29   | 8,600             | 56.0 | 9.8  | 46.2 | 62   | 7.0 | 15           | 1       | 14     | 632  | 2     | 0       | 2         | 76   | 0     | 4,567 | 869   | 14,002 | 66    | 1,509     | 15     | 2    | 13    | 25,521  |        |
| 30   | 8,600             | 56.0 | 9.7  | 46.3 | 63   | 7.1 | 12           | 1       | 11     | 644  | 1     | 0       | 1         | 77   | 0     | 4,567 | 1017  | 15,019 | 68    | 1,577     | 1      | 0    | 1     | 25,522  |        |

**WILLAMETTE FALLS FISHWAY COUNTS**

Month October Year 2010

| Date | Hydrological Data |      |      |      |      |     | Fall Chinook |         |        |      |       |         |           |      |       | Coho  |       |        |       | Steelhead |       |         |        |        |
|------|-------------------|------|------|------|------|-----|--------------|---------|--------|------|-------|---------|-----------|------|-------|-------|-------|--------|-------|-----------|-------|---------|--------|--------|
|      |                   |      |      |      |      |     | Adult        |         |        | Jack |       |         | Mini Jack |      |       | Adult |       | Jack   |       | Summer    |       |         |        |        |
|      | Flow              | HW   | TW   | Diff | Temp | Vis | Daily        |         |        | Cum. | Daily |         |           | Cum. | Daily | Cum.  | Daily | Cum.   | Daily |           |       | Cum.    |        |        |
|      |                   |      |      |      |      |     | Total        | Clipped | Unclip | 644  | Total | Clipped | Unclip    | 77   | Daily | 4,567 | Daily | 15,019 | Daily | 1,577     | Total | Clipped | Unclip | 25,522 |
| 1    | 8,800             | 56.0 | 9.6  | 46.4 | 65   | 7.2 | 4            | 0       | 4      | 648  | 0     | 0       | 0         | 77   | 0     | 4,567 | 559   | 15,578 | 68    | 1,645     | 7     | 1       | 6      | 25,529 |
| 2    | 9,500             |      |      |      |      |     | 7            | 1       | 6      | 655  | 0     | 0       | 0         | 77   | 0     | 4,567 | 638   | 16,216 | 37    | 1,682     | 6     | 0       | 6      | 25,535 |
| 3    | 10,000            |      |      |      |      |     | 1            | 0       | 1      | 656  | 0     | 0       | 0         | 77   | 0     | 4,567 | 295   | 16,511 | 24    | 1,706     | 4     | 0       | 4      | 25,539 |
| 4    | 10,000            | 56.0 | 10.6 | 45.4 | 66   | 7.5 | 4            | 0       | 4      | 660  | 0     | 0       | 0         | 77   | 0     | 4,567 | 233   | 16,744 | 19    | 1,725     | 5     | 0       | 5      | 25,544 |
| 5    | 10,000            | 56.0 | 10.6 | 45.4 | 66   | 7.5 | 3            | 0       | 3      | 663  | 1     | 0       | 1         | 78   | 0     | 4,567 | 280   | 17,024 | 16    | 1,741     | 3     | 0       | 3      | 25,547 |
| 6    | 9,800             | 56.0 | 10.7 | 45.3 | 65   | 7.4 | 2            | 0       | 2      | 665  | 0     | 0       | 0         | 78   | 0     | 4,567 | 234   | 17,258 | 24    | 1,765     | 8     | 1       | 7      | 25,555 |
| 7    | 9,500             | 56.0 | 10.7 | 45.3 | 63   | 7.4 | 3            | 0       | 3      | 668  | 0     | 0       | 0         | 78   | 0     | 4,567 | 208   | 17,466 | 16    | 1,781     | 7     | 1       | 6      | 25,562 |
| 8    | 9,400             | 56.0 | 10.1 | 45.9 | 60   | 7.2 | 3            | 0       | 3      | 671  | 0     | 0       | 0         | 78   | 0     | 4,567 | 155   | 17,621 | 13    | 1,794     | 7     | 0       | 7      | 25,569 |
| 9    | 9,700             |      |      |      |      |     | 2            | 0       | 2      | 673  | 0     | 0       | 0         | 78   | 0     | 4,567 | 128   | 17,749 | 16    | 1,810     | 5     | 0       | 5      | 25,574 |
| 10   | 10,300            |      |      |      |      |     | 2            | 0       | 2      | 675  | 0     | 0       | 0         | 78   | 0     | 4,567 | 157   | 17,906 | 6     | 1,816     | 9     | 1       | 8      | 25,583 |
| 11   | 11,200            | 56.0 | 12.7 | 43.3 | 58   | 6.6 | 3            | 0       | 3      | 678  | 0     | 0       | 0         | 78   | 0     | 4,567 | 210   | 18,116 | 27    | 1,843     | 8     | 1       | 7      | 25,591 |
| 12   | 11,200            | 55.9 | 13.4 | 42.5 | 58   | 6.6 | 4            | 0       | 4      | 682  | 0     | 0       | 0         | 78   | 0     | 4,567 | 213   | 18,329 | 16    | 1,859     | 7     | 1       | 6      | 25,598 |
| 13   | 10,600            | 56.0 | 12.6 | 43.4 | 60   | 5.8 | 2            | 0       | 2      | 684  | 1     | 0       | 1         | 79   | 0     | 4,567 | 198   | 18,527 | 11    | 1,870     | 10    | 1       | 9      | 25,608 |
| 14   | 11,000            | 56.0 | 12.0 | 44.0 | 60   | 5.8 | 0            | 0       | 0      | 684  | 0     | 0       | 0         | 79   | 0     | 4,567 | 107   | 18,634 | 5     | 1,875     | 2     | 0       | 2      | 25,610 |
| 15   | 11,000            | 56.0 | 12.3 | 43.7 | 58   | 5.7 | 0            | 0       | 0      | 684  | 0     | 0       | 0         | 79   | 0     | 4,567 | 175   | 18,809 | 14    | 1,889     | 8     | 1       | 7      | 25,618 |
| 16   | 11,000            |      |      |      |      |     | 0            | 0       | 0      | 684  | 0     | 0       | 0         | 79   | 0     | 4,567 | 130   | 18,939 | 8     | 1,897     | 9     | 1       | 8      | 25,627 |
| 17   | 10,700            |      |      |      |      |     | 0            | 0       | 0      | 684  | 0     | 0       | 0         | 79   | 0     | 4,567 | 65    | 19,004 | 3     | 1,900     | 1     | 0       | 1      | 25,628 |
| 18   | 10,500            | 55.9 | 11.5 | 44.4 | 57   | 5.7 | 0            | 0       | 0      | 684  | 0     | 0       | 0         | 79   | 0     | 4,567 | 58    | 19,062 | 9     | 1,909     | 6     | 0       | 6      | 25,634 |
| 19   | 10,500            | 55.9 | 11.2 | 44.7 | 57   | 5.7 | 0            | 0       | 0      | 684  | 0     | 0       | 0         | 79   | 0     | 4,567 | 47    | 19,109 | 11    | 1,920     | 1     | 0       | 1      | 25,635 |
| 20   | 10,400            | 56.0 | 11.2 | 44.8 | 56   | 6.0 | 1            | 0       | 1      | 685  | 0     | 0       | 0         | 79   | 0     | 4,567 | 34    | 19,143 | 16    | 1,936     | 1     | 0       | 1      | 25,636 |
| 21   | 10,300            | 56.0 | 11.2 | 44.8 | 56   | 6.0 | 2            | 0       | 2      | 687  | 0     | 0       | 0         | 79   | 0     | 4,567 | 42    | 19,185 | 3     | 1,939     | 4     | 0       | 4      | 25,640 |
| 22   | 10,200            | 56.0 | 11.2 | 44.8 | 55   | 6.2 | 3            | 0       | 3      | 690  | 0     | 0       | 0         | 79   | 0     | 4,567 | 30    | 19,215 | 1     | 1,940     | 1     | 0       | 1      | 25,641 |
| 23   | 10,500            |      |      |      |      |     | 1            | 0       | 1      | 691  | 0     | 0       | 0         | 79   | 0     | 4,567 | 31    | 19,246 | 2     | 1,942     | 3     | 0       | 3      | 25,644 |
| 24   | 12,500            |      |      |      |      |     | 1            | 0       | 1      | 692  | 0     | 0       | 0         | 79   | 0     | 4,567 | 57    | 19,303 | 6     | 1,948     | 12    | 2       | 10     | 25,656 |
| 25   | 16,500            | 56.0 | 14.5 | 41.5 | 55   | 4.3 | 1            | 0       | 1      | 693  | 0     | 0       | 0         | 79   | 0     | 4,567 | 61    | 19,364 | 8     | 1,956     | 7     | 0       | 7      | 25,663 |
| 26   | 22,000            | 56.5 | 16.0 | 40.5 | 55   | 4.2 | 1            | 0       | 1      | 694  | 0     | 0       | 0         | 79   | 0     | 4,567 | 74    | 19,438 | 6     | 1,962     | 3     | 0       | 3      | 25,666 |
| 27   | 23,000            | 56.7 | 16.7 | 40.0 | 54   | 4.2 | 0            | 0       | 0      | 694  | 0     | 0       | 0         | 79   | 0     | 4,567 | 75    | 19,513 | 0     | 1,962     | 15    | 3       | 12     | 25,681 |
| 28   | 21,400            | 56.4 | 16.3 | 40.1 | 52   | 3.6 | 1            | 0       | 1      | 695  | 0     | 0       | 0         | 79   | 0     | 4,567 | 80    | 19,593 | 3     | 1,965     | 7     | 4       | 3      | 25,688 |
| 29   | 19,500            | 56.1 | 16.0 | 40.1 | 51   | 3.2 | 0            | 0       | 0      | 695  | 0     | 0       | 0         | 79   | 0     | 4,567 | 71    | 19,664 | 4     | 1,969     | 18    | 8       | 10     | 25,706 |
| 30   | 21,300            |      |      |      |      |     | 0            | 0       | 0      | 695  | 0     | 0       | 0         | 79   | 0     | 4,567 | 60    | 19,724 | 4     | 1,973     | 6     | 3       | 3      | 25,712 |
| 31   | 19,400            |      |      |      |      |     | 0            | 0       | 0      | 695  | 0     | 0       | 0         | 79   | 0     | 4,567 | 62    | 19,786 | 8     | 1,981     | 5     | 2       | 3      | 25,717 |

**WILLAMETTE FALLS FISHWAY COUNTS**

Month November Year 2010

| Date | Hydrological Data |         |        |       |       |         | Fall Chinook |      |       |       |       |        |           |       |       | Coho    |        |        |   | Steelhead |    |   |      |     |
|------|-------------------|---------|--------|-------|-------|---------|--------------|------|-------|-------|-------|--------|-----------|-------|-------|---------|--------|--------|---|-----------|----|---|------|-----|
|      |                   |         |        |       |       |         | Adult        |      |       | Jack  |       |        | Mini Jack |       |       | Adult   |        | Jack   |   | Winter    |    |   | Cum. |     |
|      | Daily             |         | Cum.   | Daily |       | Cum.    | Daily        | Cum. | Daily | Cum.  | Daily | Cum.   | Daily     | Cum.  | Total | Clipped | Unclip | Cum.   |   |           |    |   |      |     |
|      | Total             | Clipped | Unclip | 695   | Total | Clipped | Unclip       | 79   |       | 4,567 |       | 19,786 |           | 1,981 |       |         |        |        | 0 |           |    |   |      |     |
| 1    | 18,400            | 56.0    | 15.1   | 40.9  | 52    | 3.7     |              |      |       |       |       |        |           |       |       |         | 45     | 19,831 | 2 | 1,983     | 9  | 6 | 3    | 9   |
| 2    | 18,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 37     | 19,868 | 4 | 1,987     | 21 | 5 | 16   | 30  |
| 3    | 21,000            | 56.6    | 16.3   | 40.3  | 53    | 3.7     |              |      |       |       |       |        |           |       |       |         | 27     | 19,895 | 2 | 1,989     | 18 | 4 | 14   | 48  |
| 4    | 18,000            | 56.3    | 16.3   | 40.0  | 54    | 3.8     |              |      |       |       |       |        |           |       |       |         | 44     | 19,939 | 4 | 1,993     | 20 | 5 | 15   | 68  |
| 5    | 18,000            | 55.9    | 15.2   | 40.7  | 56    |         |              |      |       |       |       |        |           |       |       |         | 20     | 19,959 | 0 | 1,993     | 23 | 0 | 23   | 91  |
| 6    | 16,500            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 21     | 19,980 | 0 | 1,993     | 17 | 4 | 13   | 108 |
| 7    | 17,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 10     | 19,990 | 0 | 1,993     | 10 | 1 | 9    | 118 |
| 8    | 21,400            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 8      | 19,998 | 0 | 1,993     | 5  | 1 | 4    | 123 |
| 9    | 25,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 2      | 20,000 | 0 | 1,993     | 6  | 0 | 6    | 129 |
| 10   | 27,300            | 56.8    | 17.1   | 39.7  | 51    | 2.6     |              |      |       |       |       |        |           |       |       |         | 0      | 20,000 | 0 | 1,993     | 7  | 1 | 6    | 136 |
| 11   | 31,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 0      | 20,000 | 0 | 1,993     | 7  | 1 | 6    | 143 |
| 12   | 28,000            | 56.8    | 18.4   | 38.4  | 49    | 2.5     |              |      |       |       |       |        |           |       |       |         | 1      | 20,001 | 0 | 1,993     | 6  | 0 | 6    | 149 |
| 13   | 25,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 4      | 20,005 | 0 | 1,993     | 5  | 0 | 5    | 154 |
| 14   | 23,300            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 3      | 20,008 | 0 | 1,993     | 14 | 1 | 13   | 168 |
| 15   | 24,000            | 56.1    | 17.2   | 38.9  | 48    | 3.4     |              |      |       |       |       |        |           |       |       |         | 6      | 20,014 | 0 | 1,993     | 14 | 1 | 13   | 182 |
| 16   | 23,000            | 56.8    | 15.7   | 41.1  | 48    | 3.3     |              |      |       |       |       |        |           |       |       |         | 6      | 20,020 | 0 | 1,993     | 18 | 1 | 17   | 200 |
| 17   | 27,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 4      | 20,024 | 1 | 1,994     | 22 | 1 | 21   | 222 |
| 18   | 29,400            | 56.9    | 17.4   | 39.5  | 50    | 3.3     |              |      |       |       |       |        |           |       |       |         | 2      | 20,026 | 2 | 1,996     | 11 | 1 | 10   | 233 |
| 19   | 46,500            | 57.8    | 20.0   | 37.8  | 50    | 3.2     |              |      |       |       |       |        |           |       |       |         | 1      | 20,027 | 0 | 1,996     | 0  | 0 | 0    | 233 |
| 20   | 47,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 1      | 20,028 | 0 | 1,996     | 0  | 0 | 0    | 233 |
| 21   | 42,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 8      | 20,036 | 0 | 1,996     | 4  | 0 | 4    | 237 |
| 22   | 38,000            | 57.4    | 20.4   | 37.0  | 46    | 1.3     |              |      |       |       |       |        |           |       |       |         | 6      | 20,042 | 0 | 1,996     | 5  | 0 | 5    | 242 |
| 23   | 38,000            | 57.2    | 19.6   | 37.6  | 44    | 2.2     |              |      |       |       |       |        |           |       |       |         | 11     | 20,053 | 0 | 1,996     | 13 | 0 | 13   | 255 |
| 24   | 41,000            | 57.3    | 20.1   | 37.2  | 42    | 2.3     |              |      |       |       |       |        |           |       |       |         | 1      | 20,054 | 0 | 1,996     | 5  | 2 | 3    | 260 |
| 25   | 38,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 0      | 20,054 | 0 | 1,996     | 1  | 0 | 1    | 261 |
| 26   | 34,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 4      | 20,058 | 0 | 1,996     | 5  | 0 | 5    | 266 |
| 27   | 32,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 7      | 20,065 | 0 | 1,996     | 40 | 0 | 40   | 306 |
| 28   | 36,000            |         |        |       |       |         |              |      |       |       |       |        |           |       |       |         | 2      | 20,067 | 0 | 1,996     | 24 | 0 | 24   | 330 |
| 29   | 36,500            | 57.0    | 19.3   | 37.7  | 43    | 2.7     |              |      |       |       |       |        |           |       |       |         | 2      | 20,069 | 0 | 1,996     | 40 | 3 | 37   | 370 |
| 30   | 34,000            | 56.8    | 19.3   | 37.5  | 42    | 2.6     |              |      |       |       |       |        |           |       |       |         | 3      | 20,072 | 0 | 1,996     | 13 | 0 | 13   | 383 |

**WILLAMETTE FALLS FISHWAY COUNTS**

Month December Year 2010

| Date | Hydrological Data |         |      |        |       |      | Fall Chinook |        |      |       |      |       |           |       |         | Coho  |               |               |         | Steelhead    |        |            |      |              |
|------|-------------------|---------|------|--------|-------|------|--------------|--------|------|-------|------|-------|-----------|-------|---------|-------|---------------|---------------|---------|--------------|--------|------------|------|--------------|
|      |                   |         |      |        |       |      | Adult        |        |      | Jack  |      |       | Mini Jack |       |         | Adult |               | Jack          |         | Winter       |        |            | Cum. |              |
|      | Daily             |         | Cum. | Daily  |       | Cum. | Daily        |        | Cum. | Daily | Cum. | Daily | Cum.      | Daily |         | Cum.  |               |               |         |              |        |            |      |              |
|      | Total             | Clipped |      | Unclip | Total |      | Clipped      | Unclip |      |       |      |       |           | Total | Clipped |       | Unclip        | Total         | Clipped | Unclip       |        |            |      |              |
|      |                   |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | <b>20,072</b> | <b>1,996</b>  | Total   | Clipped      | Unclip | <b>383</b> |      |              |
| 1    | 43,000            | 57.3    | 19.3 | 38.0   | 42    | 2.4  |              |        |      |       |      |       |           |       |         |       | 6             | <b>20,078</b> | 0       | <b>1,996</b> | 33     | 2          | 31   | <b>416</b>   |
| 2    | 57,000            | 58.5    | 22.7 | 35.8   | 42    | 2.0  |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,078</b> | 0       | <b>1,996</b> | 7      | 0          | 7    | <b>423</b>   |
| 3    | 62,000            | 58.9    | 24.5 | 34.4   | 42    | 1.2  |              |        |      |       |      |       |           |       |         |       | 1             | <b>20,079</b> | 0       | <b>1,996</b> | 4      | 0          | 4    | <b>427</b>   |
| 4    | 58,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,079</b> | 0       | <b>1,996</b> | 4      | 0          | 4    | <b>431</b>   |
| 5    | 51,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,079</b> | 0       | <b>1,996</b> | 25     | 2          | 23   | <b>456</b>   |
| 6    | 45,000            | 57.9    | 22.1 | 35.8   | 43    | 1.7  |              |        |      |       |      |       |           |       |         |       | 2             | <b>20,081</b> | 0       | <b>1,996</b> | 42     | 0          | 42   | <b>498</b>   |
| 7    | 40,500            | 57.5    | 20.8 | 36.7   | 43    | 1.8  |              |        |      |       |      |       |           |       |         |       | 3             | <b>20,084</b> | 0       | <b>1,996</b> | 47     | 0          | 47   | <b>545</b>   |
| 8    | 37,000            | 57.1    | 20.0 | 37.1   | 42    | 1.6  |              |        |      |       |      |       |           |       |         |       | 2             | <b>20,086</b> | 0       | <b>1,996</b> | 61     | 0          | 61   | <b>606</b>   |
| 9    | 41,000            | 57.6    | 20.4 | 37.2   | 45    | 2.2  |              |        |      |       |      |       |           |       |         |       | 4             | <b>20,090</b> | 0       | <b>1,996</b> | 67     | 5          | 62   | <b>673</b>   |
| 10   | 57,000            | 58.9    | 23.9 | 35.0   | 45    | 1.5  |              |        |      |       |      |       |           |       |         |       | 4             | <b>20,094</b> | 0       | <b>1,996</b> | 0      | 0          | 0    | <b>673</b>   |
| 11   | 62,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 1             | <b>20,095</b> | 0       | <b>1,996</b> | 6      | 0          | 6    | <b>679</b>   |
| 12   | 67,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,095</b> | 0       | <b>1,996</b> | 0      | 0          | 0    | <b>679</b>   |
| 13   | 72,000            | 60.1    | 29.1 | 31.0   | 48    | <1.0 |              |        |      |       |      |       |           |       |         |       | 1             | <b>20,096</b> | 0       | <b>1,996</b> | -1     | 0          | -1   | <b>678</b>   |
| 14   | 82,000            | 60.4    | 29.9 | 30.5   | 48    | <1.0 |              |        |      |       |      |       |           |       |         |       | -2            | <b>20,094</b> | 0       | <b>1,996</b> | 5      | 0          | 5    | <b>683</b>   |
| 15   | 88,000            | 60.7    | 31.3 | 29.4   | 47    | <1.0 |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,094</b> | 0       | <b>1,996</b> | 0      | 0          | 0    | <b>683</b>   |
| 16   | 82,000            | 60.6    | 31.4 | 29.2   | 47    | <1.0 |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,094</b> | 0       | <b>1,996</b> | 25     | 2          | 23   | <b>708</b>   |
| 17   | 75,000            | 60.1    | 30.1 | 30.0   | 46    | <1.0 |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,094</b> | 0       | <b>1,996</b> | 3      | 0          | 3    | <b>711</b>   |
| 18   | 71,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 1             | <b>20,095</b> | 0       | <b>1,996</b> | 8      | 0          | 8    | <b>719</b>   |
| 19   | 74,200            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 2             | <b>20,097</b> | 0       | <b>1,996</b> | 15     | 0          | 15   | <b>734</b>   |
| 20   | 73,200            | 59.5    | 27.8 | 31.7   | 43    | <1.0 |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,097</b> | 0       | <b>1,996</b> | 11     | 0          | 11   | <b>745</b>   |
| 21   | 75,000            | 59.5    | 27.8 | 31.7   | 42    | <1.0 |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,097</b> | 0       | <b>1,996</b> | 16     | 0          | 16   | <b>761</b>   |
| 22   | 72,000            | 59.4    | 27.5 | 31.9   | 42    | 1.0  |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,097</b> | 0       | <b>1,996</b> | 37     | 0          | 37   | <b>798</b>   |
| 23   | 66,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,097</b> | 0       | <b>1,996</b> | 41     | 1          | 40   | <b>839</b>   |
| 24   | 59,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,097</b> | 0       | <b>1,996</b> | 65     | 1          | 64   | <b>904</b>   |
| 25   | 54,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,097</b> | 0       | <b>1,996</b> | 74     | 0          | 74   | <b>978</b>   |
| 26   | 44,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,097</b> | 0       | <b>1,996</b> | 61     | 2          | 59   | <b>1,039</b> |
| 27   | 42,000            | 57.5    | 21.4 | 36.1   | 43    | 2.0  |              |        |      |       |      |       |           |       |         |       | 2             | <b>20,099</b> | 0       | <b>1,996</b> | 64     | 0          | 64   | <b>1,103</b> |
| 28   | 47,000            | 57.9    | 22.1 | 35.8   | 43    | 2.0  |              |        |      |       |      |       |           |       |         |       | 1             | <b>20,100</b> | 0       | <b>1,996</b> | 35     | 0          | 35   | <b>1,138</b> |
| 29   | 67,000            | 59.5    | 26.1 | 33.4   | 43    | 1.6  |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,100</b> | 0       | <b>1,996</b> | 2      | 0          | 2    | <b>1,140</b> |
| 30   | 83,000            | 60.3    | 29.7 | 30.6   | 42    | <1.0 |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,100</b> | 0       | <b>1,996</b> | -2     | -2         | 0    | <b>1,138</b> |
| 31   | 78,000            |         |      |        |       |      |              |        |      |       |      |       |           |       |         |       | 0             | <b>20,100</b> | 0       | <b>1,996</b> | 0      | 0          | 0    | <b>1,138</b> |