

**2002 EKLUTNA RIVER FISH COUNTS**  
 Native Village of Eklutna - Marc Lamoreaux, Land and Environment Director

**2002 Maximum Counts  
 For Each Species**

|        |      |
|--------|------|
| Chum   | 1051 |
| Coho   | 131  |
| Kings  | 36   |
| Pinks  | 42   |
| Reds   | 2    |
| Totals | 1262 |

**2002 Estimated Total Number Per Species**

|        |       |
|--------|-------|
| Chum   | 1,100 |
| Coho   | 131   |
| Kings  | 36    |
| Pinks  | 45    |
| Reds   | 2     |
| Totals | 1,314 |

- Reach 1 - Large pond in old gravel mines, on lower Eklutna River, just above tidal wetlands.
- Reach 2 - River from ponds to Railroad Bridge (through old gravel mines).
- Reach 3 - Railroad Bridge to Old Glenn Highway. Braided River through young trees.
- Reach 4 - Eklutna River from Glenn Highway to Thunderbird Creek.
- Reach 5 - Eklutna River above Thunderbird Creek.
- Reach 6 - Thunderbird Creek from Eklutna River to Thunderbird Falls.

Total Numbers of each species (including dead) per reach (adding all counts)

| Reach  | 1   | 2  | 3  | 4   | 5   | 6   | Totals |
|--------|-----|----|----|-----|-----|-----|--------|
| Chum   | 462 | 83 | 45 | 602 | 917 | 81  | 2190   |
| Coho   | 103 | 0  | 0  | 119 | 43  | 20  | 285    |
| Kings  | 31  | 0  | 0  | 2   | 0   | 1   | 34     |
| Pinks  | 36  | 3  | 10 | 59  | 0   | 4   | 112    |
| Reds   | 0   | 0  | 0  | 2   | 0   | 0   | 2      |
| Totals | 632 | 86 | 55 | 784 | 960 | 106 | 2623   |

06/15/02

| Reach | 1 | 2 | 3 | 4 | 5 | 6 | Totals |
|-------|---|---|---|---|---|---|--------|
| Chum  | 0 | 0 | 0 | 0 | 0 | 0 | 0      |
| Coho  | 0 | 0 | 0 | 0 | 0 | 0 | 0      |
| Kings | 0 | 0 | 0 | 0 | 0 | 0 | 0      |
| Pinks | 0 | 0 | 0 | 0 | 0 | 0 | 0      |
| Reds  | 0 | 0 | 0 | 0 | 0 | 0 | 0      |
|       |   |   |   |   |   |   | 0      |

Comments - Full system survey done. Villager (Lee) reports first Kings seen in lower river ponds on 6/11. These are turbid.

06/19/02

| Reach | 1 | 2 | 3 | 4 | 5 | 6 | Totals |
|-------|---|---|---|---|---|---|--------|
| Chum  | 0 |   |   |   |   |   | 0      |
| Coho  | 0 |   |   |   |   |   | 0      |
| Kings | 6 |   |   |   |   |   | 6      |
| Pinks | 0 |   |   |   |   |   | 0      |
| Reds  | 0 |   |   |   |   |   | 0      |
|       |   |   |   |   |   |   | 6      |

Comments - These are observations of jumping Kings. Water is still too murky for an accurate count. The rest of the River was not surveyed systematically. Experienced villager (Guy) estimates a dozen Kings, in the 40 lb. Range are holding in the pond.

Guy reports sighting of King above RR Bridge on 6/22/02

07/03/02 - 07/04/02

| Reach | 1 | 2 | 3 | 4  | 5 | 6 | Totals |
|-------|---|---|---|----|---|---|--------|
| Chum  | 0 | 0 | 0 | 0  | 0 | 0 | 0      |
| Coho  | 0 | 0 | 0 | 0  | 0 | 0 | 0      |
| Kings | 5 | 0 | 0 | 21 | 0 | 1 | 27     |
| Pinks | 0 | 0 | 0 | 0  | 0 | 0 | 0      |
| Reds  | 0 | 0 | 0 | 0  | 0 | 0 | 0      |
|       |   |   |   |    |   |   | 27     |

Comments - This is the most comprehensive count of Kings.

The pond observations are of King breaches.

We also walked down the river toward the Inlet from the ponds and found 0 salmon there.

We also surveyed the River from the highway to the ponds and found 0, although some could have been unseen in deeper holes.

07/09/02 - 07/12/02

| Reach | 1  | 2 | 3 | 4 | 5 | 6 | Totals |
|-------|----|---|---|---|---|---|--------|
| Chum  | 0  |   |   |   |   |   | 0      |
| Coho  | 0  |   |   |   |   |   | 0      |
| Kings | 14 |   |   |   |   |   | 14     |
| Pinks | 0  |   |   |   |   |   | 0      |
| Reds  | 0  |   |   |   |   |   | 0      |
|       |    |   |   |   |   |   | 14     |

Comments - Water low and clear 7/12, when 12 seen. All Kings were really red. There was another report of 6 Kings in the pond and 2 caught illegally there on 7/9. The additional 9 (14+2-5) might be added to the 27 above for a **max observed total of 36 Kings in the system.**

07/22/02

Comment - No new fish (Silvers or Chum) in the ponds - Just a few dead Kings.

07/24/02

Comment - Small school of Chum and 4 Kings, maybe a few Silvers in ponds - Very low visibility.

07/24/02

| Reach | 1  | 2 | 3 | 4 | 5 | 6 | Totals |
|-------|----|---|---|---|---|---|--------|
| Chum  | 12 |   |   |   |   |   | 12     |
| Coho  |    |   |   |   |   |   | 0      |
| Kings | 4  |   |   |   |   |   | 4      |
| Pinks |    |   |   |   |   |   | 0      |
| Reds  |    |   |   |   |   |   | 0      |
|       |    |   |   |   |   |   | 16     |

Comments - Not complete survey

07/26/02

| Reach | 1  | 2 | 3 | 4 | 5 | 6 | Totals |
|-------|----|---|---|---|---|---|--------|
| Chum  | 96 |   |   |   |   |   | 96     |
| Coho  | 4  |   |   |   |   |   | 4      |
| Kings | 0  |   |   |   |   |   | 0      |
| Pinks | 5  |   |   |   |   |   | 5      |
| Reds  | 0  |   |   |   |   |   | 0      |
|       |    |   |   |   |   |   | 105    |

Comments - Not complete survey

Number of Coho uncertain. They are deeper in holes. Caught two just below pond. - bright.

07/31/02

| Reach | 1   | 2 | 3 | 4 | 5 | 6 | Totals |
|-------|-----|---|---|---|---|---|--------|
| Chum  | 280 |   |   |   |   |   | 280    |
| Coho  | 0   |   |   |   |   |   | 0      |
| Kings | 2   |   |   |   |   |   | 2      |
| Pinks | 27  |   |   |   |   |   | 27     |
| Reds  | 0   |   |   |   |   |   | 0      |
|       |     |   |   |   |   |   | 309    |

Comments - Somewhat muddy. A few counted as Chums could be Coho.

**Old dead King is 56" long.**

08/19/02

| Reach | 1Live | 1Dead | 2L | 2D | 3L | 3D | 4L  | 4D | 5L  | 5D  | 6L | 6D | Totals |
|-------|-------|-------|----|----|----|----|-----|----|-----|-----|----|----|--------|
| Chum  |       |       |    |    |    |    | 314 | 0  | 238 | 148 | 48 | 12 | 760    |
| Coho  |       |       |    |    |    |    | 0   | 0  | 0   | 0   | 0  | 0  | 0      |
| Kings |       |       |    |    |    |    | 2   | 0  | 0   | 0   | 0  | 0  | 2      |
| Pinks |       |       |    |    |    |    | 38  | 0  | 0   | 0   | 4  | 0  | 42     |
| Reds  |       |       |    |    |    |    | 0   | 0  | 0   | 0   | 0  | 0  | 0      |
|       |       |       |    |    |    |    |     |    |     |     |    |    | 804    |

Comments - Most of the dead appear to be bear kills.  
Rain with increased turbidity stopped survey below highway.

08/28-30/02

| Reach | 1Live | 1Dead | 2L | 2D | 3L | 3D | 4L  | 4D | 5L  | 5D  | 6L | 6D | Totals |
|-------|-------|-------|----|----|----|----|-----|----|-----|-----|----|----|--------|
| Chum  | 49    | 4     | 75 | 8  | 37 | 8  | 277 | 46 | 250 | 276 | 19 | 2  | 1051   |
| Coho  | 0     | 0     | 0  | 0  | 0  | 0  | 0   | 0  | 0   | 0   | 0  | 0  | 0      |
| Kings | 0     | 0     | 0  | 0  | 0  | 0  | 0   | 0  | 0   | 0   | 0  | 0  | 0      |
| Pinks | 4     | 0     | 2  | 1  | 7  | 3  | 20  | 1  | 0   | 0   | 0  | 0  | 38     |
| Reds  | 0     | 0     | 0  | 0  | 0  | 0  | 2   | 0  | 0   | 0   | 0  | 0  | 2      |
|       |       |       |    |    |    |    |     |    |     |     |    |    | 1091   |

Comments - Most of dead are bear kills. Reds were verified by USGS Biologists.  
USGS scientists witnessed most of these fish, and helped count some.  
Lee, Guy, and Jason - expert fishermen - fished pond area for ~2h,  
caught 0 silvers, so probably none there, although too murky to be sure.

09/04/02

| Reach | 1Live | 1Dead | 2L | 2D | 3L | 3D | 4L | 4D | 5L | 5D | 6L | 6D | Totals |
|-------|-------|-------|----|----|----|----|----|----|----|----|----|----|--------|
| Chum  | 20    |       |    |    |    |    |    |    |    |    |    |    | 20     |
| Coho  | 40    |       |    |    |    |    |    |    |    |    |    |    | 40     |
| Kings |       |       |    |    |    |    |    |    |    |    |    |    | 0      |
| Pinks |       |       |    |    |    |    |    |    |    |    |    |    | 0      |
| Reds  |       |       |    |    |    |    |    |    |    |    |    |    | 0      |
|       |       |       |    |    |    |    |    |    |    |    |    |    | 60     |

09/13/02

| Reach | 1Live | 1Dead | 2L | 2D | 3L | 3D | 4L | 4D | 5L | 5D | 6L | 6D | Totals |
|-------|-------|-------|----|----|----|----|----|----|----|----|----|----|--------|
| Chum  | 5     |       |    |    |    |    |    |    |    |    |    |    | 5      |
| Coho  | 29    |       |    |    |    |    |    |    |    |    |    |    | 29     |
| Kings |       |       |    |    |    |    |    |    |    |    |    |    | 0      |
| Pinks |       |       |    |    |    |    |    |    |    |    |    |    | 0      |
| Reds  |       |       |    |    |    |    |    |    |    |    |    |    | 0      |
|       |       |       |    |    |    |    |    |    |    |    |    |    | 34     |

09/18/02

| Reach | 1Live | 1Dead | 2L | 2D | 3L | 3D | 4L | 4D | 5L | 5D | 6L | 6D | Totals |
|-------|-------|-------|----|----|----|----|----|----|----|----|----|----|--------|
| Chum  | 0     | 0     | 0  | 0  | 0  | 0  | 5  | 0  | 5  | 0  | 0  | 0  | 10     |
| Coho  | 30    | 0     | 0  | 0  | 0  | 0  | 29 | 0  | 17 | 0  | 5  | 0  | 81     |
| Kings | 0     | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |
| Pinks | 0     | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |
| Reds  | 0     | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0      |
|       |       |       |    |    |    |    |    |    |    |    |    |    | 91     |

Comments - Old decomposing chum not counted - many fewer than before.

