

RUNNING TOTALS FOR THE ETTRICK FISH COUNTER, PHILIPHAUGH

NOTE : These are unprocessed figures and will change slightly on complete analysis

| YEAR | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | Average 1998-2006* |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------------------|
| January | 0 | 0 | 23 | 0 | 12 | -1 | 0 | 0 | 43 | <i>na</i> | 9 |
| February | 0 | -1 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | <i>na</i> | 0 |
| March | 4 | 0 | 6 | 0 | 10 | 0 | 7 | 14 | 0 | 5 | 5 |
| April | 21 | 59 | 69 | 11 | 35 | 34 | 20 | 17 | <i>na</i> | 63 | 33 |
| May | 63 | 186 | 74 | 24 | 438 | 304 | 96 | 202 | 236 | 104 | 165 |
| June | 360 | 224 | 401 | 11 | 335 | <i>NA</i> | 105 | 163 | 127 | <i>na</i> | 216 |
| July | 173 | 47 | 60 | 75 | 115 | 155 | 170 | 31 | 170 | <i>na</i> | 105 |
| August | 426 | 20 | 557 | 425 | 432 | 71 | 670 | 124 | 35 | 131 | 307 |
| September | 1192 | 2401 | 2576 | 1045 | 940 | 94 | 1819 | 1561 | 2629 | 782 | 1584 |
| October | 2971 | 3357 | 2093 | 4039 | 1674 | 1858 | 2080 | 4242 | 2694 | | 2779 |
| November | 1114 | 1310 | 579 | 531 | 1908 | 3201 | 412 | 567 | 845 | | 1163 |
| <u>December</u> | <u>55</u> | <u>50</u> | <u>17</u> | <u>86</u> | <u>44</u> | <u>31</u> | <u>11</u> | <u>415</u> | <u>37</u> | | <u>83</u> |
| YEAR TOT | 6379 | 7653 | 6457 | 6247 | 5943 | (5747) | 5390 | 7337 | 6891 | | 6449 |
| Year Salmon | 3385 | 4701 | 4379 | 3801 | 4280 | (3616) | 3602 | 4371 | 4602 | | 4082 |
| <i>Totals to end:</i> | | | | | | | | | | | |
| June | 448 | 468 | 575 | 46 | 830 | <i>na</i> | 398 | 396 | <i>na</i> | | 962 |
| July | 621 | 515 | 635 | 121 | 945 | | 568 | 427 | | | 547 |
| August | 1047 | 535 | 1192 | 546 | 1377 | | 1238 | 551 | | | 927 |
| September | 2239 | 2936 | 3768 | 1591 | 2317 | | 2887 | 2112 | | | 2550 |
| October | 5210 | 6293 | 5861 | 5630 | 3991 | | 4967 | 6354 | | | 5472 |
| November | 6324 | 7603 | 6440 | 6161 | 5899 | | 5379 | 6921 | | | 6390 |

For notes to each year's counts, see next page – numbers given in *Italics* have notes to them

- 1991 The counter was out of operation for the second half of July and the first half of August but the water was then very low
- 2001 The Spring of 2001 was cold and then very dry, so there were no spates in the first half of the year to bring the fish up
- 2003* An electrical storm on the 30th of May put the counter out of action. There was a substantial run of fish on the 31st which was uncounted. The monthly total for May is correct to the 6th, then is an estimate from then to the 29th when it was last manually read. The estimate given for May 2003 does not include any element for the 29th to the 31st of May . The counter was re-installed on the 4th July, so the July total is for only 27 days. Data from 2003 is not used to calculate the monthly averages for May, June and July or for the annual figures.
- 2004 A log in the scanner in June could not be removed till after the spate that had brought it down had passed. After the counter was switched off on the 19th August to protect it from an electrical storm, it failed to re-start properly on the 20th and was not corrected till the 23rd. As the counts in the three days before were 41,41 & 22 and the counts in the three days afterwards were 37,42 & 30, reasonably consistent totals, it seems justifiable to average these for the missing two days' counts, making 35 for each day to add to a total of 600 exactly for the other days of the month
- 2005 The counter switched itself off on the 26th May and was not restarted till the 2nd June. The counts for the five full days before the switch off were 20,12,21,7 & 11 respectively (daily average = 14), and 3, 17, 20,11 & 23 (daily average 15). Taking the average for a missing day as 14 therefore, 84 fish have been added to the May total, and 28 to the June (=112 extra for the total to the end of June)
- 2006 The counter was out of operation from April to the 16th May, and for 24hrs on the 3rd of July. A software problem became apparent in late September – although all fish were being “seen” by the computer, many were then rejected. The recorded total for September was 2501, revised total using data from visual counts for the days on which these were made was 2629. For other days in the month, no revision possible so the monthly total is very much a minimum – there were 2366 “rejects” recorded for this month. The annual total is therefore a minimum number
- 2007 The counter was not installed till the 22nd of March. Two Salmon had been caught upstream by then. Out of action 31st May to 1st August due to lightning strike and then inability of manufacturers to do a proper repair.

EFFICIENCIES : The counter is set count fish down to a minimum of 40cms in length. Some fish smaller than that do get counted, but with a low efficiency. The efficiency is checked from time to time by making visual counts of the fish passing through the scanner and checking that all fish that do so are actually being registered.

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RUNNING TOTALS FOR THE GALA FISH COUNTER, GALASHIELS

NOTE : These are unprocessed figures and will change slightly on complete analysis

| YEAR | 2007 |
|-----------------|------|
| January | 0 |
| February | 0 |
| March | 1 |
| April | 0 |
| May | 0 |
| June | 5 |
| July | 22 |
| August | 96 |
| September | 146 |
| October | |
| November | |
| <u>December</u> | |
| YEAR TOT | |
| Year Salmon | |

*Totals to
end:
June
July
August
September
October
November*

For notes to each year's counts, see next page – numbers given in *Italics* have notes to them