

## 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	NA	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	2996	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 30<sup>th</sup> of May put the counter out of action. There was a substantial run of fish on the 31<sup>st</sup> which was uncounted. The monthly total for May is correct to the 6<sup>th</sup>, then is an estimate from then to the 29<sup>th</sup> when it was last manually read. The estimate given for May 2003 does not include any element for the 29<sup>th</sup> to the 31<sup>st</sup> of May . The counter was re-installed on the 4<sup>th</sup> 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 19<sup>th</sup> August to protect it from an electrical storm, it failed to re-start properly on the 20<sup>th</sup> and was not corrected till the 23<sup>rd</sup>. 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 26<sup>th</sup> May and was not restarted till the 2<sup>nd</sup> 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 16<sup>th</sup> May, and for 24hrs on the 3<sup>rd</sup> 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 22<sup>nd</sup> of March. Two Salmon had been caught upstream by then. Out of action 31<sup>st</sup> May to 1<sup>st</sup> 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	2006	2007
January		0
February		0
March		1
April		0
May		0
June		5
July		22
August		96
September	11	146
October	848	759
November	210	
<u>December</u>	<u>18</u>	
YEAR TOT		
Year Salmon		
<i>Totals to end:</i>		
<i>June</i>		6
<i>July</i>		28
<i>August</i>		124
<i>September</i>		270
<i>October</i>		1029
<i>November</i>		

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