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DIVISION

**Summary of
Fisheries Statistics
1984**

ISSN 0144-9141

SUMMARY OF FISHERIES STATISTICS, 1984

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1. CATCH STATISTICS

1.1 Rod and Line - Information from Anglers' returns

1.1.1 Salmon Rod Catches by River and Month 1984

RIVER	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTAL	AVERAGE WEIGHT (lb)
Border Esk (England)	-	2	2	2	2	1	-	5	48	73	135	9.18
Eden	10	65	34	25	18	15	7	36	255	232	697	9.14
Derwent	-	-	-	-	-	4	3	42	293	227	569	7.75
Cocker	-	-	-	-	-	-	-	-	12	23	35	6.71
Ellen	-	-	-	-	-	-	-	-	-	16	16	5.14
Ehen	-	-	-	-	-	1	-	5	20	37	63	6.37
Calder	-	-	-	-	-	-	2	2	4	12	20	5.86
Irt	-	-	-	-	-	-	1	6	19	22	48	6.37
Esk	-	-	-	-	-	-	-	-	-	2	2	8.00
Duddon	-	-	-	-	-	-	-	-	-	7	7	6.96
Leven	-	-	-	-	-	-	-	-	5	14	19	6.68
Crake	-	-	1	-	-	-	-	3	4	10	18	6.25
Kent	-	-	-	-	3	1	-	1	11	31	47	5.40
Lune	-	-	-	1	-	-	1	1	208	119	330	7.49
Others Northern												
Area	-	-	-	-	1	-	-	-	-	3	4	5.56
Ribble	-	-	1	1	2	3	3	12	102	142	266	7.76
Hodder	-	-	1	-	-	-	2	4	29	82	118	7.60
Wyre	-	-	-	-	-	-	-	1	3	2	6	5.13
TOTALS	10	67	39	29	26	25	19	118	1013	1054	2400	7.99

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1.1.1 Salmon Rod Catches, Historical Data

RIVER	1980		1981		1982		1983		1984	
	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)
Border Esk (England)	138	9.01	114	11.13	108	8.65	269	9.21	135	9.18
Eden	578	10.41	453	11.37	512	8.96	653	8.61	697	9.14
Derwent	831	8.38	608	9.33	623	7.93	315	8.12	569	7.75
Cocker	93	7.60	53	8.13	97	7.03	30	7.99	35	6.71
Ellen	40	7.44	38	6.67	102	5.95	26	5.78	16	5.14
Ehen	97	6.34	36	7.50	79	5.98	38	5.95	63	6.37
Calder	20	6.66	19	6.67	12	5.02	4	7.13	20	5.86
Irt	68	6.45	64	7.02	27	6.23	28	7.67	48	6.37
Annas	15	6.28	3	4.50	1	6.00	-	-	3	4.30
Esk	15	7.37	15	9.30	7	5.57	4	6.25	2	8.00
Duddon	15	8.30	5	8.25	23	7.96	5	6.40	7	6.96
Leven	50	6.12	34	8.10	75	5.17	26	6.38	19	6.68
Crake	37	6.11	14	6.10	54	5.29	26	4.48	18	6.25
Kent	93	6.21	143	7.44	189	5.85	63	7.12	47	5.40
Bela	7	2.75	2	3.00	-	-	-	-	-	-
Lune	607	8.48	456	10.98	310	7.52	235	8.13	330	7.49
Ribble	751	8.52	495	10.18	359	8.03	236	8.13	266	7.76
Hodder	205	9.81	209	11.52	103	8.44	102	9.25	118	7.60
Wyre	24	4.96	35	6.42	13	6.38	2	5.13	6	5.13
Keer	-	-	-	-	1	7.00	-	-	1	9.25

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1000 7.00 2000 8.20 2400 7.99

1.1.2 Migratory Trout Rod Catches by River and Month - 1984

RIVER	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTAL	AVERAGE WEIGHT (lb)
Border Esk (England)	46	181	140	106	128	31	632	1.87
Eden	108	316	332	259	159	42	1216	1.74
Derwent	11	74	96	88	56	25	350	1.78
Cocker	-	2	-	-	-	-	2	2.25
Ellen	-	-	-	-	4	-	4	1.25
Ehen	4	19	63	62	72	11	231	1.94
Calder	-	-	-	-	-	-	-	-
Irt	-	1	9	13	10	7	40	1.78
Esk	-	3	-	5	11	-	19	2.09
Duddon	-	-	1	3	6	3	13	2.83
Leven	-	-	-	8	31	35	74	1.87
Crake	-	-	15	11	31	8	65	1.64
Kent	2	6	5	19	27	8	67	1.98
Lune	35	206	290	247	385	57	1220	1.94
Others, Northern Area	2	6	16	15	20	7	66	2.00
Ribble	13	22	33	41	50	27	186	2.13
Hodder	-	14	43	83	90	17	247	1.90
Wyre	1	-	1	5	7	-	14	1.48
TOTALS	222	850	1044	965	1087	278	4446	1.86

1.1.2 Migratory Trout Rod Catches - Historical Data

RIVER	1980		1981		1982		1983		1984	
	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)
Border Esk (England)	845	1.77	980	1.54	735	1.61	398	1.73	632	1.87
Eden	838	1.90	831	2.02	961	2.01	757	1.98	1216	1.74
Derwent	320	1.91	606	2.09	383	1.73	391	1.40	350	1.78
Cocker	13	2.17	11	2.66	11	1.98	6	1.71	2	2.25
Ellen	37	1.80	7	2.25	41	1.15	7	1.79	4	1.25
Ehen	109	1.49	140	1.44	151	1.80	108	1.65	231	1.94
Calder	32	1.85	5	3.20	37	1.98	33	2.72	-	-
Irt	95	2.34	95	2.30	39	2.06	24	2.57	40	1.78
Esk	115	1.72	85	1.80	27	1.58	27	2.50	19	2.09
Duddon	75	1.81	43	1.45	31	1.47	13	2.38	13	2.83
Leven	406	1.62	353	2.07	166	2.26	141	1.79	74	1.87
Crake	111	1.46	67	1.43	71	1.45	58	1.32	65	1.64
Kent	386	2.01	228	2.05	244	1.79	124	1.99	67	1.98
Lune	2388	1.97	1310	2.14	981	2.17	1080	1.84	1220	1.94
Others, Northern Area	50	1.85	114	1.12	107	1.60	113	1.24	66	2.00
Ribble	389	2.01	291	2.30	164	2.06	310	2.12	186	2.13
Hodder	473	2.29	280	2.42	349	1.98	216	1.99	247	1.90
Wyre	18	1.86	58	1.52	59	2.06	6	1.38	14	1.48
Totals and average weights	6700	1.92	5504	1.97	4557	1.92	3812	1.83	4446	1.86

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1.2 Commercial Catches by Nets and Fixed Engines

1.2.1 Commercial Salmon Catches by River/District and Month - 1984

RIVER/DISTRICT (TYPE OF NET)	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT	TOTAL	AVERAGE WEIGHT (lb).
Eden & Border Esk	-	-	13	71	304	1369	2169	335	4261	7.02
Coastal Drift	-	-	-	-	33	308	394	-	735	8.24
South & West Cumbria*										
Nets & Fixed Engines	-	-	-	-	-	-	-	-	0	-
Duddon (Draw Nets)	-	-	-	11	8	12	20	-	51	7.59
Leven (Lave Nets)	-	-	-	-	3	17	22	-	42	5.76
Kent (Lave Nets)	-	-	-	-	3	73	55	-	131	6.64
Lune (Draw Nets)	-	-	-	-	1	40	13	-	54	5.76
Lune (Drift Nets)	-	-	-	2	21	406	877	-	1306	6.79
Lune (Heave Nets)	-	-	-	3	87	452	328	-	870	6.25
Ribble (Drift Nets)	-	-	-	11	118	155	223	-	507	11.25
Total catch, nets and fixed engines									7957	7.26

*Includes River Ellen Haaf Nets

1.2.1 Commercial Salmon Catches - Historical Data

Rivers	1980		1981		1982		1983		1984	
	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)
Eden & Border Esk	1010	8.95	1337	9.11	1773	7.39	5058	7.30	4261	7.02
Coastal Drift	198	8.34	457	8.34	748	7.16	1167	7.20	735	8.24
South & West Cumbria* nets and fixed engines	142	6.47	129	7.60	135	7.31	31	6.87	0	-
Duddon	82	4.84	5	10.60	1	7.50	59	5.76	51	7.59
Leven	89	7.78	25	7.34	31	6.57	34	7.55	42	5.76
Kent	61	7.89	55	8.20	39	6.10	31	6.32	131	6.64
Lune Draw Nets	19	8.25	10	9.62	-	-	22	7.64	54	5.76
Lune Drift Nets	1029	8.61	1889	10.68	624	6.94	1152	7.75	1306	6.79
Lune Heave Nets	414	8.85	331	9.83	341	7.20	503	7.53	870	6.25
Ribble	725	12.10	810	12.22	252	10.29	432	9.31	507	11.25
TOTALS	3769	9.19	5048	10.12	3944	7.42	8489	7.46	7957	7.26

*N.B. River Ellen Haaf Nets included from 1981

1.2.2 Commercial Catches of Migratory Trout by Nets and Fixed Engines 1984

RIVER/DISTRICT (TYPE OF NET)	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	TOTAL	AVERAGE WEIGHT (lb.)
Eden & Border Esk	73	2070	4313	1683	148	4	8291	2.34
Coastal Drift	-	-	15	14	2	-	31	5.00
South & West Cumbria* Nets & Fixed engines	-	-	-	-	-	-	0	-
Duddon (Draw Nets)	-	-	23	68	10	-	101	2.83
Leven (Lave Nets)	-	-	8	15	7	-	30	4.18
Kent (Lave Nets)	-	-	18	10	15	-	43	3.06
Lune (Draw Nets)	-	7	14	23	-	-	44	2.45
Lune (Drift Nets)	-	90	153	38	8	-	289	4.50
Lune (Heave Nets)	-	254	1047	529	35	-	1865	2.89
Ribble (Drift Nets)	-	1	38	14	1	-	54	7.47
Total Catch, nets and fixed engines							10748	2.54

* Includes River Ellen Haaf Nets

1.2.2. Commercial Catches of Migratory Trout - Historical Data

RIVER	1980		1981		1982		1983		1984	
	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)	No.	Av.Wt. (lb)
Eden and Border Esk	5674	2.16	3955	2.22	6688	2.42	6646	2.37	8291	2.34
Coastal Drift	11	5.00	17	4.68	35	4.91	9	4.89	31	5.00
South & West Cumbria* nets and fixed engines	16	4.06	192	2.28	191	2.09	72	2.82	0	-
Duddon	97	2.80	11	3.11	15	2.26	84	3.09	101	2.83
Leven	40	5.53	9	3.94	15	4.36	17	4.91	30	4.18
Kent	22	3.18	12	4.75	46	4.08	11	3.60	43	3.06
Lune Draw Nets	111	2.97	12	3.08	-	-	6	3.08	44	2.45
Lune Drift Nets	303	4.37	362	5.00	428	4.77	335	5.24	289	4.50
Lune Heave Nets	1935	2.93	561	3.41	400	3.59	475	3.30	1865	2.89
Ribble	22	5.29	18	5.72	26	4.52	55	5.85	54	7.47

* N.B. River Ellen Haaf Nets included from 1981

2. FISH CULTURE AND HATCHERY OPERATIONS

2.1 Brood fish collection

	<u>Salmon</u>		<u>Sea Trout</u>	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
<u>North Cumbria</u>				
Eden System	47	53	1	1
West Cumbria	32	26	68	119
<u>South Cumbria/ North Lancashire</u>				
Broadrairie Trap (R. Lune)	170	190	-	-
South Cumbria Rivers	3	8	53	49
<u>Lancashire</u>				
Ribble	8	17	-	-
Hodder	10	9	-	-
Wyre	-	-	5	5

2.2 Hatchery operations and Salmon and Sea Trout Stocking

2.2.1 Holmwrangle Hatchery

2.2.1.1 Numbers of ova laid down 1983-84

<u>Species</u>	<u>No. of ova</u>	<u>Source</u>
Salmon	195,000	Eden system
Salmon	155,000 *	West Cumbria
Salmon	15,000	Keswick
Salmon	60,000	Middleton (Wester Ross)
Sea Trout	77,000	West Cumbria
Brown Trout	170,000	Holmwrangle Brood Stock

* Includes 105,000 ova laid down at Cockermouth Hatchery

2.2.1.2 Salmon and Sea Trout Planting ex-Holmwrangle 1984

<u>River</u>	<u>Fed Fry</u>		<u>Parr</u>		<u>Smolts Salmon</u>
	<u>Salmon</u>	<u>Sea Trout</u>	<u>Salmon</u>	<u>Sea Trout</u>	
Liddel (Border Esk)	-	-	2,000	3,000	-
Eden system	16,500		31,000	-	10,000
Irthing	2,000	-	5,000	12,000	-
Derwent	-	-	-	-	5,000
Cocker	-	-	-	-	2,500
Marron	-	-	-	1,000	2,500
Greta	15,000*	18,000*			
Ehen	-	-	-	)	2,000
Irt	-	-	-	) 7,000	1,000
Esk	-	-	-	)	2,000

* Supplied from Keswick A.A. Hatchery.

NOTE In addition, 75,000 eyed salmon ova were planted into tributaries of the R. Eden.

2.2.2 Middleton Hatchery

2.2.2.1 Numbers of ova laid down, 1984-85

<u>Species</u>	<u>No. of ova</u>	<u>Source</u>
Salmon	805,600	Broadrairie Trap, R. Lune
Salmon	7,500	South Cumbria Rivers
Sea Trout	90,600	South Cumbria Rivers

2.2.2.2 Salmon and Sea Trout Planting ex-Middleton, 1984

<u>River</u>	<u>Eyed Ova</u>		<u>Unfed Fry</u>		<u>Fed Fry</u>	
	<u>Salmon</u>	<u>Sea Trout</u>	<u>Salmon</u>	<u>Sea Trout</u>	<u>Salmon</u>	<u>Sea Trout</u>
Duddon	-	-	27,000	35,900	-	-
Crake	24,600	-	-	11,500	-	-
Kent	19,200	-	9,800	45,200	-	-
Keer	-	-	-	11,500	-	-
Lune	-	-	-	7,800	-	-
Greta	-	-	-	-	43,400	-
Wenning	-	-	-	-	49,500	-
Other Lune Tribes.	148,100	-	80,400	25,200	65,200	-

2.2.3 Langcliffe Hatchery

2.2.3.1 Numbers of ova laid down, 1984-85

<u>Species</u>	<u>No. of ova</u>	<u>Source</u>
Salmon	74,500	R. Ribble
Salmon	59,500	R. Hodder
Sea Trout	3,000*	R. Wyre

* Incubated in egg boxes held in overflow channel at Street Lakes, Scorton.

2.2.3.2 Salmon and Sea Trout Planting ex Langcliffe, 1984.

<u>River</u>	<u>Unfed Fry</u>	
	<u>Salmon</u>	<u>Sea Trout</u>
Ribble	48,500	46,000
Hodder	23,500	25,000
Wyre	27,500	17,200

NOTE 200 salmon smolts were also planted into Stock Beck as compensatory stocking following a pollution.

3. RESTOCKING WITH TROUT AND FRESHWATER FISH

3.1 Non-Migratory Trout

3.1.1 Stocking by Angling Associations, etc., and Fish Farms.

<u>Area</u>	<u>No. of Section 30 Consents Issued</u>	<u>Total No. of Brown Trout</u>	<u>Total No. of Rainbow Trout</u>	<u>Total No. of American Brook Trout</u>
North Cumbria	59	18,405 (incl. 10,000 ova)	541,845 (incl. 140,000 ova)	-
South Cumbria/ North Lancs.	100	62,750 (incl. 20,000 ova)	303,700 (incl. 5,000 ova)	-
South Lancs.	84	28,500	60,002	-
Mersey & Weaver	124	13,575	154,266	1,203

3.1.2 Non-migratory trout stocking carried out by N.W.W.A.

3.1.2.1 North Cumbria

<u>Date</u>	<u>Stocking Location</u>	<u>Brown Trout</u>	
		<u>Number</u>	<u>Size</u>
7/3/84	River Eden, Mallerstang Common	5,000	3-4"
8-13/3/84	River Eden, Kirkby Stephen (sold to Kirkby Stephen A.A.)	2,000	6"
9-13/3/84	River Irthing (sold to Brampton A.A.)	2,000	8-9"
15/3/84	River Liddel, Hermitage	10,000	4-6"
16/3/84	River Liddel, Hermitage	500	10"
16/3/84	Upper Liddel, Hermitage	5,000	Fry
17/3/84	River Ehen (sold to Wath Brow A.A.)	300	10-12"
20/3/84	River Eden trib. (Melmerby Beck)	2,150	4-6"
20/3/84	River Eden trib. (Corby Hill)	150	3-4"
4/4/84	Cogra Moss (sold to Egremont A.A.)	400	10"
5/4/84	River Petteril, Penrith d/s	2,000	3-5"
5/4/84	River Petteril, Penrith d/s	1,000	5-8"
5/4/84	River Petteril, Penrith d/s	250	8-9"
15/4/84	Marron Fish Farm (Sale)	200	9"
15/4/84	Marron Fish Farm (Sale)	450	6"
18/4/84	River Ehen (Sold to Egremont A.A.)	500	10"
28/4/84	New Mills T.F. (Sale)	100	8-9"
5/5/84	New Mills T.F. (Sale)	150	10"
15/5/84	Marron Fish Farm (Sale)	400	8"

3.1.2.1 North Cumbria (Cont'd)

<u>Date</u>	<u>Stocking Location</u>	<u>Brown Trout Number</u>	<u>Size</u>
25/5/84	River Irthing, Miresike/Horseholme	5,000	4-5"
1/6/84	River Ellen, u/s Blennerhasset	1,000	6-8"
30/8/84	River Petteril, Plumpton	100	5-8"
30/8/84	River Petteril, Blencowe	1,000	Fry
30/8/84	River Eden trib, Newbiggin Beck	500	2 ¹ / ₂ -8"
30/8/84	River Eden trib, River Belah	2,000	2 ¹ / ₂ "
3/9/84	River Wiza, u/s Wigton	3,000	2-3"
3/9/84	River Wiza, u/s Lesson Hall	500	5-8"
3/9/84	River Waver, d/s Parsonby	600	5-8"
3/9/84	River Waver, Townthwaite Beck	1,000	2-3"
4/9/84	River Wiza, d/s Wigton	1,000	5-8"
4/9/84	River Wampool, Moorhouse	1,000	5-8"
5/9/84	River Lyne, Lyneholme and Troughfoot	5,000	3"
5/9/84	River Irthing, Walton	5,000	3"
6/9/84	River Ellen, u/s Boltongate	5,000	2-3"
6/9/84	River Ellen, Low Mill	2,000	5-8"
9/10/84	River Lyne, Hetherburn	3,000	Fry
11/10/84	River Ehen, d/s Ennerdale	4,000	Fry

3.1.2.2 South Cumbria/North Lancashire

<u>Date</u>	<u>Stocking Location</u>	<u>Brown Trout</u>	
		<u>Number</u>	<u>Size</u>
21/3/84	Poaka Beck Reservoir	1,000	4-7"
		500	7-9"
		400	9-10"
-/3/84*	Windermere tributaries	10,000	Fry
22/3/84	Lotts Pond	200	7-9"
27/3/84	River Keer	100	8-9"
27/3/84	River Lune, Halton	350	10"
3/4/84	River Lune, Halton	300	8-11"
26/4/84	River Eea (Sold to Cark A.A.)	400	8-9"
14/12/84*	Windermere tribs	3,000	3"
	Coniston tribs	1,000	3"
	Kent & tribs	1,310	3"
	Upper Lune tribs	500	3"
	Rawthey	500	3"
	Doe	500	3"
-/12/84	Austwick Beck	500	5"
	Fen Beck	1,250	5"
	Kettles Beck	750	5"
	Clapham Beck	750	5"
	Upper Wenning	750	5"

* Ex. F.B.A.

3.1.2.3 South Lancashire

<u>Date</u>	<u>Stocking Location</u>	<u>Brown Trout</u>		<u>Rainbow Trout</u>	
		<u>Number</u>	<u>Size</u>	<u>Number</u>	<u>Size</u>
27/3/84	River Ribble, Mitton	250	10"	-	-
30/3/84	Stock Beck	275	4-10"	-	-
30/3/84	Tems Beck	100	4-10"	-	-
24/4/84	River Ribble, Mitton	250	10"	-	-
24/4/84	Cloughton Lake (Sold to S.S.R.A. Angling Section)	600	12"	-	-
28/4/84	Stocks Reservoir	-	-	2,000	10-12"
11/5/84	Dick Clough, Cliviger	100	6-10"	-	-
24/7/84	Stocks Reservoir	-	-	2,000	10-12"
2/9/84	River Brock (Sold to Preston W.M.C.A.A.)	3,000	5"	-	-

3.1.2.4 Mersey and Weaver

<u>Date</u>	<u>Stocking Location</u>	<u>Rainbow Trout Number</u>	<u>Size</u>
Mar-Sept.	Upper Rivington Reservoir	6,400	12"+
Mar-Sept.	Upper Roddlesworth Reservoir	2,700	12"+
Mar-Sept.	Bottoms Reservoir	3,000	12"+
Mar-Sept.	Valehouse Reservoir	3,000	12"+
Mar-Sept.	Cote Lodge Reservoir	300	12"+
Mar-Sept.	Walkerwood Reservoir	1,700	12"+
Mar-Sept.	Entwistle Reservoir	3,700	12"+
Mar-Sept.	Wayoh Reservoir	3,700	12"+
Mar-Sept.	Dingle Reservoir	1,950	12"+
Mar-Sept.	Heaton Reservoir	1,650	12"+

NB Stocking of each reservoir was carried out at approximately fortnightly intervals.

3.2 Freshwater Fish

3.2.1. Stocking by Angling Associations, etc.

<u>Area</u>	<u>No. of Sect 30 Consents Issued</u>	Roach	Rudd	Bream	Chub	Dace	Carp	Crucian Carp	Grass Carp	Tench	Gudgeon	Perch	Pike	Eels	Grayling
North Cumbria	1	-	-	-	-	-	20	-	-	-	-	-	-	-	-
South Cumbria	3	-	-	-	20	-	2,175	100	-	-	-	-	-	-	-
South Lancashire	21	3,500	-	1,200		2197	-	3,521	-	1,600	-	-	-	-	-
Mersey and Weaver	114	65,428	3,648	25,881	467	14	22,080	26,781	2,200	12,711	2,499	13,271	13	3	339

3.2.2 Fish Transfers carried out by North West Water Authority on behalf of Angling Associations

3.2.2.1 Northern Area - South Cumbria/North Lancashire

<u>Date</u>	<u>Association</u>	<u>Receiving Water</u>	<u>Source</u>	<u>Species</u>	<u>No.</u>	<u>Size</u>
-/4/84	Lymm A.C.	Hatchmere	Coniston	Pike	27	2-16 lbs.
-/5/84	-	Barrow Park	British Steel Barrow	Crucian Carp	9	5-6"
/5/84	Furness Fishing Association	Rita Pond	British Steel Barrow	Perch	16	1/4-2 lbs
-/5/84	Cheshire Homes	Hole Hird	Lotts Pond	Tench Rudd	19 12	up to 4 lbs 1/4-1 lb
-/5/84	Kendal & District Angling Club	Crosslands Tarn	Lotts Pond	Tench	25	up to 3 lbs
-/5/84	Lonsdale Angling Club	Blea Tarn	Lotts Pond	Tench Rudd	19 11	up to 3 lbs 1/4-1 lb

3.2.2 .2 Southern Area - South Lancashire

<u>DATE</u>	<u>ASSOCIATION</u>	<u>RECEIVING WATER</u>	<u>SOURCE</u>	<u>SPECIES</u>	<u>NUMBER</u>	<u>SIZE</u>
28/3/84	Accrington & Dist. A.C.	Sharn Hall Res. Accrington	Slate Pitts, Accrington	Mixed Coarse Fish	200	5 oz - 5lb
11/4/84	Clitheroe A.A.	River Ribble	West Bradford Lodge	Brown Trout	2,371	10" - 13"
4-7/6/84	Northern Anglers Assoc.	Leeds - Liverpool Canal Accrington - Burnley	N.W.W., Burnley Rd Reservoir	Roach Perch Pike	4,000 2,000 12	1/4 - 1/2 lb 4" - 6" < 6lb
30/5/84	Ribchester & District A.C.	Higher Lane Lake, Longridge	Elston Hall Farm Ponds	Mixed Coarse Fish	1,650	-
22-24/6/84	Fulwood A.A. Ltd.	Various Ponds	Horns Reservoir	Carp and Others	50	< 10 lb
27-28/6/84	Lowerhouse A.C.	Lowerhouse Bottom Lodge	Lowerhouse Top Lodge	Roach Perch Trout	6,000 100 10	2oz - 1 lb 4" - 6" 6" - 8"
18/7/84	St. Michaels A.A.	R. Wyre d/s Churchtown	R. Wyre at Scorton	Chub	56	7" - 12"
31/7/84	Northern Anglers Assoc.	Leeds - Liverpool Canal at Dunkenhagh	Leeds & Liverpool Canal at Clayton le Moors	Roach	1,112	1/4-1 lb
21/8/84	St. Michaels A.A.	R. Wyre d/s Churchtown	R. Wyre at Gubberford	Chub	161	7" - 12"
10-12/9/84	St. Michaels A.A.	R. Wyre	Upper Foulridge Reservoir	Roach	25,260	3" - 12"
	Northern Anglers Assoc.	Leeds - Liverpool Canal	Upper Foulridge Reservoir	Roach	37,470	3" - 12"

3.2.2.3 Southern Area - Mersey and Weaver (Includes transfers in South Lancashire involving North Mersey team.)

<u>DATE</u>	<u>ASSOCIATION</u>	<u>RECEIVING WATER</u>	<u>SOURCE</u>	<u>SPECIES</u>	<u>NUMBER</u>
13/3/84	G.M.C.	Orrell Water Park	Haigh Park, Wigan	Gudgeon) Carp)	200
17/3/84	Wigan A.S.	Heapey No.1 Lodge	Heapey No.8 Lodge	Roach) Perch)	4,000
18/3/84	Whitworth A.S.	Bamford Lodge, Rochdale	Eagle Mill, Crompton	Roach	4,000
19/3/84	Rochdale A.S.	Sykes No.1 Lodge	Heeley Dell, Rochdale	Roach) Perch) Carp) Tench)	1,000
25/3/84	-	Thelwall Eye	Pond at Burtonwood	Roach) Crucian Carp)	33
26/3/84	Lymm A.C.	Hatchmere	Rode Heath	Pike	23
9/4/84	Lymm A.C.	Lymm Golf Course Brook	Lymm Dam	Roach Chub Perch Pike	200 6 20 8
15/4/84	Cheshire Health A.C.	Paradise Lane Ponds, Church Minshull	Oakmere Hall Pool	Roach) Perch) Crucian Carp)	4,000
10/5/84	Marple & Dist.A.C.	Bottom Pool, Mellor	Top Pool, Mellor	Roach	400
18/5/84	Bury A.S.	Island Mill	Mill Lodge, Bury	Mixed Coarse	4,000
22/5/84	Middleton B.C.	G.M.C. Lodges	G.M.C. Golf Course Pond	Pike) Tench) Roach) Crucian Carp) Perch)	1 2,050

3.2.2.3 Mersey & Weaver (Cont.)

<u>DATE</u>	<u>ASSOCIATION</u>	<u>RECEIVING WATER</u>	<u>SOURCE</u>	<u>SPECIES</u>	<u>NUMBER</u>
31/5/84	Wigan A.S.	Houghton's Lodge, Wigan	Red Pond, Wigan	Roach) Perch) Tench) Bream)	3,500
7/6/84	BICC A.C.	Helsby Pools	Pond at Bridge Trafford	Crucian Carp	250
13/6/84	Royton A.C.	Rochdale Canal	Royton Mill Lodge	Perch	450
2/7/84	Davenham A.C.	Prichards Pitts, Davenham	Kingsley Mill	Rudd) Roach) Perch)	6,000
13/7/84	Southport A.S.	Middle Drain, Southport	Middle Drain, Southport	Bream) Roach)	400
24/7/84	Macclesfield Council	Park Lake, Macclesfield	Lindow Common	Roach) Bream) Pike)	500
11/8/84	White Lion A.C.	Golf Course Pool, Southport	Lonsdale Nurseries	Roach) Perch)	200
11/8/84	Crown A.S.	Ainsdale Golf Course Pool	Irrigation Pond, Scarisbrick	Tench) Bream) Perch)	200
3/9/84	Prince Albert A.S.	Bosley Reservoir	Bottoms Reservoir	Roach) Perch)	10,000 5,000
19/9/84	Cheshire Star A.C.	Springwood Reservoir	Star Paper Mill	Roach	5,000
19/9/84	Cheshire Star A.C.	Chorley W.T.W. (Stock Ponds)	Star Paper Mill	Roach	17,000

3.2.2.3 Mersey & Weaver (Cont.)

<u>DATE</u>	<u>ASSOCIATION</u>	<u>RECEIVING WATER</u>	<u>SOURCE</u>	<u>SPECIES</u>	<u>NUMBER</u>
25/9/84	Liverpool & Dist. A.A.	Leeds - Liverpool Canal	Lonsdale Nursery Pond	Mixed Coarse	700
6/10/84	Northern A.A.	Leeds - Liverpool Canal (Blackburn)	Star Paper Mill (Blackburn)	Roach	5,000
6/10/84	Withnell Fisheries	Withnell Fisheries	Star Paper Mill (Blackburn)	Roach	5,000
6-17/10/84	NWWA	Chorley W.T.W.	Star Paper Mill (Blackburn)	Roach	12,000
15/10/84	Waltonian A.C.	Teggs Nose Reservoir	Gawsworth Pool	Roach) Perch) Carp) Rudd)	25,000
15/10/84	Waltonian A.C.	Teggs Nose Reservoir	Macclesfield Canal	Roach) Perch) Carp) Rudd)	5,000
27/10/84	Newhey A.C.	Lodge at Newhey	Ridings Lodge, Newhey	Roach	2,000
30/10/84	Manchester South A.C.	Pit at Chelford	Pochins Pool, Goosetry	Roach) Crucian Carp) Bitterling) Perch)	1,500
7/11/84	G.M.C.	G.M.C. Water	Chorlton Stock Pond	Rudd	250

3.2.2.3 Mersey & Weaver (Cont.)

<u>DATE</u>	<u>ASSOCIATION</u>	<u>RECEIVING WATER</u>	<u>SOURCE</u>	<u>SPECIES</u>	<u>NUMBER</u>
22-25/11/84 & 10/12/84	Northern A.A.	Leeds - Liverpool Canal, Withnell	Leeds - Liverpool Canal, Withnell	Mixed Coarse	30,000
27/11/84	Fishery Owner	Lake at Southport	Leisure Lakes, Southport	Perch	250
11/12/84	Lymm A.C.	Hatchmere	Rode Pool	Pike	16
12/12/84	Lymm A.C.	Sankey-St.Helens Canal	Cronton Colliery	Rudd	1,000
15/12/84	Lymm A.C.	Hatchmere	Rode Pool	Pike	19

3.2.3 Fish Grants from N.W.W.A. Stocks

Southern Area

<u>DATE</u>	<u>ASSOCIATION ETC.</u>	<u>RECEIVING WATER</u>	<u>SOURCE</u>	<u>SPECIES</u>	<u>NUMBER</u>	<u>SIZE</u>
24/2/84	Davenham A.C.	River Dane	Chorley W.T.W.	Roach	500	6oz - 1 lb
24/2/84	Wyche A.C.	River Weaver	Chorley W.T.W.	Roach and Perch	1,000	4oz - 8oz
4/4/84	R.C.C.	Rhodes Lodges, Middleton	Chorley W.T.W.	Pike	60	
11/5/84 & 19/8/84	Moss Side Hospital Social Club	Pool at Moss Side Hospital	Chorley W.T.W.	Roach) Perch)	1,300	
11/5/84	West Point A.C.	Pool at Formby	Chorley W.T.W.	Perch	60	
19/8/84	Southport A.S.	Sluice at Southport	Chorley W.T.W.	Pike	6	12 lb +
25/9/84	Rainford Junction A.C.	Delph at Rainford	Chorley W.T.W.	Roach Carp	4,000 100	
25/9/84	Whiston A.C.	Pool at Whiston Cricket Club	Chorley W.T.W.	Roach Carp	4,000 100	
16/10/84	Star A.C.	Lodge at Star Paper Mill	Upper Rivington Reservoir	Perch	400	
19/10/84	Golden Lion A.C.	Moss Lodges	Chorley W.T.W.	Roach	4,000	
19/10/84	Croston A.C.	Clayhole at Croston	Chorley W.T.W.	Roach	4,000	

4. FISH MOVEMENT RECORDED AT AUTHORITY FISH COUNTERS 1984.

4.1 River Lune

	Broadrairie		Forge Weir, Halton		Skerton Weir
	Fish Under 4lb	Fish Over 4lb	Fish Over 4 lb Fish Pass	Weir Crest	Fish Over 4
January	)		11	0	14
February	)	switched off	14	3	6
March	)		21	0	10
April		16 4	25	0	19
May		6 4	84	0	No record
June		213 39	645	33	408
July		97 3	3942	3	1476
August		150 19	3372	210	4292
September		900 275	2833	288	189
October - 15th		535 339	594	88	11
16th-31st		105*	629	132	4
November		no record 274*	382	62	92
December		126*	243	9	23
Total		1,917 1,188	12,795	828	6,544

13,623

Forge Weir counter out of operation for first half of June and last week in October.

*Captured in Broadrairie Trap from 16th October, 1984.

**Monitors movement of fish at low flows only; count . incomplete.

4.2 RIVER KENT

Basinghyll Counter, Sedgewick.

<u>MONTH</u>	<u>Fish under 4 lb</u>	<u>Fish over 4 lb</u>
January)	
February)	
March)	
April	)	Counter switched off
May)	
June)	
July)	
August)	
September	320	133
October	386	84
November	194	48
December	15	5
TOTAL	915	270

N.B. The counter was damaged in October, 1983 and the in-river repair works to the counting weir were not completed until 6th September, 1984.

4.3 RIVER LEVEN

Haverthwaite Counter (Eels Dam)

<u>MONTH</u>	<u>Fish under 4 lb</u>	<u>Fish over 4 lb</u>
January)	
)	
February)	
)	
March)	
)	
April)	
)	
May)	
)	
June)	
)	
July)	
)	
August)	
)	
September)	
)	
October	16	2
November	3	0
December	1	0
TOTAL	20	2

N.B. The counter was removed in December 1983 and not re-installed until 28th September, 1984.

4.4 RIVER DUDDON

Duddon Hall Counter

<u>MONTH</u>	<u>Fish under 4 lb</u>	<u>Fish over 4 lb</u>
January)	
February)	
March)	
)	
)	
April	0	0
May	22	2
June	78	15
July	83	7
August	1	2
September	53	3
October	44	7
November	85	4
December	6	2
TOTAL	372	42

N.B. The counter was down for the latter half of August

MONTHLY TOTAL

4.5 RIVER RIBBLE CATCHMENT

	<u>Waddow Hall River Ribble</u>		<u>Locks Weir River Ribble</u>	<u>Winckley Hall River Hodder</u>	
	Under 4 lb	Over 4 lb		Under 4 lb	Over 4
January	-	-	-	-	-
February	-	-	-	-	-
March	-	-	-	-	-
April	-	-	-	34	6
May	26	4	-	52	9
June	326	131	-	176	15
July	179	8	-	831	97
August	210	80	-	1002	29
September	821	282	145	986	91
October	521	386	252	364	74
November	53	92	98	98	34
December	18	13	-	32	8
Total	2154	996	495	3575	363

4.6 RIVER WYRE

Garstang Counter

<u>MONTH</u>	<u>Fish under 4 lb</u>	<u>Fish over 4 lb</u>
January	-	-
February	-	-
March	-	-
April	-	-
May	33	2
June	31	1
July	13	1
August	26	4
September	221	16
October	280	69
November	178	17
December	34	26
TOTAL	816	136

4.7 RIVER DERWENT

Yearl Counter

Because of various operational problems the fish counts for several months of 1984 are known to be inaccurate, and a reliable set of monthly totals cannot be produced.

5. COUNTS OF SALMON AND SEA TROUT SPAWNING REDDS

5.1 North Cumbria

<u>River/Area</u>	<u>1983</u>			<u>1984 Salmon</u>
	<u>1982 Salmon</u>	<u>Salmon</u>	<u>Sea Trout</u>	
Eden d/s Eden Grove	No count	-	-	9
Eden d/s Eden Brow	20	-	-	12
Eden u/s Temple Sowerby	22	150	-	150
Eden d/s Temple Sowerby	107	135	19	130
Eamont	7	30	-	44
Lowther	27	47	-	124
Irthing	17	14	81	36
Gelt	17	55	57	4
Border Esk	) No counts	22	-	5
Black & White Esk	) possible	) No counts		No counts
Liddel	)	) possible		possible
Lyne	)	)		2
	217	453		516

Note

In all these years high river levels during the autumn made effective redd counting difficult or impossible, and the figures given above are undoubtedly incomplete.

5.2 West and South West Cumbria

<u>River</u>	1982		1983		1984	
	Salmon	Sea Trout	Salmon	Sea Trout	Salmon	Sea Trout
Ellen	189	199	83	125	48	92
Derwent	182	65	53	34	46	24
Marron	35	77	28	72	34	58
Cocker	220	152	64	44	85	43
Greta	68	15	56	22	57	19
Ehen	11	26	47	95	133	
Calder	8	11	29	25	50	-
Irt	18	27	62	58	37	86
Bleng	2	9	No count possible		3	7
Esk	4	19	2	12	6	19
Mite	-	4	2	14	-	2
Annas	-	3	No count possible		-	24
	737		446		499	

Note

High river levels for much of the spawning season resulted in incomplete counts on many rivers in 1982 and 1983. In 1983 it is thought that many more fish spawned in the Rivers Cocker and Derwent than the bailiffs were able to record. During 1984, the intermixture of small salmon and large sea trout on the redds in the River Ehen made differentiation impossible.

5.3 South Cumbria and North Lancashire

<u>River</u>	<u>1982</u>		<u>1983</u>		<u>1984</u>	
	Salmon	Sea Trout	Salmon	Sea Trout	Salmon	Sea Trout
Duddon	32	109	40	151	118	276
Crake	100	108	86	120	134	171
Leven & Tribs	33	183	73	236	105	242
Eea	-	147	3	124	-	307
Winster	-	145	8	141	-	240
Gilpin	-	171	2	299	4	353
Kent & Tribs.	647	501	147	972	475	695
Bela	34	33	31	25	54	67
Keer	1	390	9	561	7	501
Lune	122	65	90	165	348	-
Rawthey	17	25	5	313	69	65
Dee	15	110	17	113	71	105
Greta	64	31	25	75	24	46
Wenning	133	479	60	380	63	332
Other Lune	7	413	7	569	64	403
tribs.						
	1206		603		1536	

Note

High river levels for much of the spawning season resulted in incomplete counts on rivers in 1982 and 1983, in particular on the Lune and Leven.

5.4 Lancashire

<u>River</u>	1982		1983		1984	
	Salmon	Sea Trout	Salmon	Sea Trout	Salmon	Sea Trout
Ribble	179	94	87	244	229	253
Hodder	158	No count.	67	No count	372	No count
Wyre	42	66	19	44	53	82
	379		173		654	

Note

Conditions for counting were fairly good in 1984. The high river levels prevailing in December 1983, made counting of salmon redds incomplete, but low flows in November enabled a good count of sea trout redds to be made. In 1982 high river levels at times during the autumn made accurate counting of redds impossible

6. FISH MORTALITIES

6.1 Significant Fish Kills Reported

6.1.1 Northern Area

<u>Date</u>	<u>Location</u>	<u>No.</u>	<u>Species</u>	<u>Cause</u>
2/3/84 & 23/3/84	Hall More Fly Fishery	175	Rainbow Trout	Unknown toxin. (Deliberate introduction suspected)
18/3/84	Kirk Beck (River Ehen trib.)	35,000	Salmon and sea trout juveniles	Farm slurry
24/4/84	Townthwaite Beck (River Waver)	1,300	Brown trout	Farm slurry
8/6/84	River Winster	30	Flounders	Not determined
25/6/84	River Lune	34	Dace	Explosive charge (Used in trench excavation)
30/4/84	Heather Burn	7,000	Salmonids	Farm slurry
5/5/84	Chapel House Beck (River Ellen)	140	Salmonid smolts	Discharge from Water Treatment Plant
25/5/84	River Petteril	30	Brown trout	Cymag suspected
10/6/84	River Petteril	726	Brown trout	Silage liquor
19/6/84	Low Wood Nook, Blennerhasset	100	Sea trout	Silage liquor
20/6/84	Black Beck (River Marron)	10,000	Salmonids	Farm slurry
8/7/84	River Leven	20 12 6	Sea trout Brown trout Salmon (juv.)	Not determined
9/7/84	River Gowan (Kent trib.)	41 20	Brown trout Loach	Reduction in river flow
9/7/84	Harlock Reservoir	Hundreds "	Brown trout Rainbow trout	Complete drawdown of reservoir

<u>Date</u>	<u>Location</u>	<u>No.</u>	<u>Species</u>	<u>Cause</u>
11/7/84	River Crake	410 23 30 2,205 3	Juvenile trout Brown trout adults Sea trout adults Juvenile salmon Salmon adults	Not determined but cyanide poisoning suspected
12/7/84	Row Beck, d/s Dearham	500	Salmonids	Farm slurry
19/7/84	Pool at Pontins, Morecambe	30	Roach	Pollution by resident duck population
24/7/84	Border Esk	20 +	Sea trout	Reduced dissolved oxygen
27/7/84	Mill Beck	21	Brown trout	Leachate from cement suspected
30/7/84	Pasture Beck	250	Salmonids	Sheep dip
2/8/84	River Crake	150 100 670 100 2	Juvenile trout Adult brown trout Adult sea trout Juvenile salmon Adult salmon	Not determined, but cyanide suspected
10/8/84	River Kent	621 22 172 69	Juvenile trout Adult trout Juvenile salmon Minor species	Alum spillage
23/8/84	River Kent	1 4 7	Adult salmon Adult sea trout Minor species	Cyanide poisoning
25/8/84	River Bela	382 65	Sea trout Brown trout	Cyanide poisoning suspected
9/9/84	Row Beck, u/s Dearham	200	Salmonids	Farm slurry

6.1.2 Southern Area

<u>Date</u>	<u>Location</u>	<u>No.</u>	<u>Species</u>	<u>Cause</u>
8/2/84	Leeds-Liverpool Canal, Burnley	50 1	Roach Pike	Pollution by cyanide
3/3/84	Dick Clough, Cliviger	80	Brown trout	Mains flushing
20/3/84	Damas Ghyll, Dolphinholme	50	Brown trout	Farm slurry
5/4/84	River Wyre (Marshaw) Abbeystead	10	Brown trout	Sheep Dip
13/4/84	River Tame, Delph	100	Brown trout	Spillage of caust
28/4/84	Trawden Beck, Cotton Tree	416 46	Brown trout Minor species	Not determined
29/4/84	River Sett, Birch Vale	1,300 2,000	Brown trout Bullheads	Spillage of detergent
3/5/84	Sankey-St.Helens Canal	100	Perch	Post-stocking mortality
7/5/84	Sykes Lodge, Stockport	60 20	Perch Roach	Contamination with sewage
10/5/84	Red Pond, Worsley Mesnes (Wigan)	250 270 1,200 7 76	Bream Roach Perch Pike Tench	Sewage discharge owing to blocked sewer
7/6/84	River Cocker, Cockerham	20 200	Brown trout Coarse fish and eels	Silage liquor
9/6/84	Pool at Congleton	50 1 3	Rainbrow trout Golden Orfe Roach	Farm effluent
14/6/84	Mill Brook, Ecclestone	100 300	Roach Sticklebacks	Accidental discharge during septic tank maintenance
15/6/84	River Wyre, Churchtown to St. Michaels	400 20,000	Salmonids Coarse fish	Discharge of alum solution (acidic)
18/6/84	River Weaver, Church Minshull	8,000 1 20 2 1	Gudgeon Chub Roach Bream Loach	Silage liquor

<u>Date</u>	<u>Location</u>	<u>No.</u>	<u>Species</u>	<u>Cause</u>
18/6/84	Hall Lane Brook (River Bollin trib.)	7 219 42 30	Brown Trout Stone Loach Bullheads Sticklebacks	Farm effluent including silage liquor
21/6/84	Stock Beck, Barnoldswick	6 21 150	Trout Eels Stone Loach	Detergent
21/6/84	Horns Reservoir, Goosnargh	30,000	Mixed coarse fish	Silage liquor
25/6/84	Houghtons Flash	1,000	Roach	Diurnal dissolved oxygen fluctuations and high temperatures
26/6/84	River Brun, Salterford	1,006	Brown trout	Caustic soda solution
26/6/84	Beer Beck, Bolton-by-Bowland	135 12	Brown trout Eels	Silage liquor
3/7/84	Stonepits Lodge, Hyde	180 120	Perch Roach	Detergent spill suspected
4/7/84	River Calder, Burnley	50 Hundreds	Brown trout Stone loach	Chemical spillage at paper mill
10/7/84	Boggart Hole Clough	130	Roach	De-oxygenation suspected (high B.O.D.)
11/7/84	Lodge at Unsworth, Bury	100 12	Roach Tench	De-oxygenation suspected (high B.O.D.)
18/7/84	Kirklees Brook	300 400	Brown trout Bullheads	Discharge of hydrochloric acid
19/7/84	River Sett	55	Brown trout	Discharge of chemicals suspected
23/7/84	Willow Grove, Preesall	850	Mixed coarse	Low dissolved oxygen associated with high B.O.D.
25/7/84	River Brock, Myerscough	12 12	Brown trout Chub	Lack of water owing to drought
30/7/84	Newton Hall Farm, Staining	85	Mixed coarse fish	Not determined
30/7/84	Leeds-Liverpool Canal, Wigan	210	Roach	Input of poor quality water from River Douglas

<u>Date</u>	<u>Location</u>	<u>No.</u>	<u>Species</u>	<u>Cause</u>
11/8/84	Kirklees Brook, Tottingham	1,000 200 10,000 5,000 3,000	Brown trout Rainbow trout Stone loach Sticklebacks Bullheads	Toxic discharge
13/8/84	Barrow Lodge, Clitheroe	150	Roach	Not determined
15//8/84	River Croal, Farnworth	54 184 20 126 34 52 Est. 1,000,000 + sticklebacks	Bream Roach Perch Gudgeon Minnows Stone loach	Spillage of acid from chemical company
15/8/84	River Weaver, Weaverhall	100's	Coarse fish	Not determined
16/8/84	River Weaver, Church Minshull to Winsford Top Flash	400 400 10 10	Roach Gudgeon Carp Bream	Silage liquor
22/8/84	River Weaver, Weaverhall Farm	500 20	Gudgeon Roach	Dissolved oxygen sag suspected
30/8/84	River Etherow, Hadfield	30 +	Brown trout	Deterioration in river quality during drought
5/9/84	Middle Pit, Rixton	410 320 10	Roach Perch Pike	Low dissolved oxy - collapsed algal bloom
13/9/84	Shropshire Union Canal, Ellesmere Port	12 1 2 Many hundred Many hundred Many	Perch Carp Tench Roach Gudgeon Bitterling	Pollution with oil and emulsifier
28/9/84	River Wyre, Churchtown to St. Michaels	52	Roach	Discharge of alur solution (acidic
1/10/84	Trawden Beck	67 300	Brown trout Bullheads	Detergent
14/11/84	Tinker Brook, Oswaldtwistle	Approx. 70	Brown trout	Not determined

<u>Date</u>	<u>Location</u>	<u>No.</u>	<u>Species</u>	<u>Cause</u>
8/12/84	Huddersfield Narrow Canal	3,020	Brown trout	Diesel oil spillage
		1,010	Roach	
		300	Perch	
		20	Tench	
		10	Bream	
		50	Gudgeon	
13/12/84	Lees Beck, Whitewell	48	Brown trout	Silage liquor
20/12/84	River Roch, Littleborough	34	Brown trout	Oil spillage following train derailment

6.2 Total Numbers of Diseased Fish Removed During 1984

<u>River</u>	<u>Adult Salmon</u>		<u>Parr</u>	<u>Smolts</u>	<u>Sea Trout</u>		<u>Brown Trout</u>	<u>Other Specie</u>
	<u>M</u>	<u>F</u>			<u>M</u>	<u>F</u>		
Border Esk	-	-	-	-	-	-	-	-
Eden	-	-	1	1	-	-	9	-
Lune	1	6	-	-	-	-	8	-
Duddon	-	-	-	-	-	-	-	-
Crake	8	-	-	-	-	-	10	-
Leven	15	40	6	-	1	-	-	-
Kent	15	13	-	-	-	-	-	-

DETAILS OF FISHERIES PROSECUTIONS

1984/85

Nature of Offence	Section of 1975 Act	Total Charges	Dismissed	Withdrawn	Conditional Discharge	Absolute Discharge	Total Fines £	Costs £	Remarks
Use of illegal instrument (stones)	1	3	3				-	-	
Use of illegal instrument (gaff)	1	4	4				-	-	
Use of illegal instrument (snatch)	1	4					640	50	
Taking unclean fish	2	4					125	30	
Buys, sells or exposes for sale or has possession of unclean fish.	2	8		2			125	35	
Use of an unauthorised fixed engine	6	11					850	115	
Fishing for or taking freshwater fish during close season	19	46		4		1	628	461	
Fishing for or taking salmon during close season	19	5					60	15	
Fishing for or taking migratory trout during close season	19	12		2			360	115	
Fishing for or taking non-migratory trout during close season	19	3					70	57	

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DETAILS OF FISHERIES PROSECUTIONS

1984/85

Nature of Offence	Section of 1975 Act	Total Charges	Dismissed	Withdrawn	Conditional Discharge	Absolute Discharge	Total Fines £	Costs £	Remarks
Fishing with unlicensed instrument (net)	27	22	1				1005	285	
Fishing with unlicensed instrument (hands)	27	16	4			1	330	150	
Fishing with unlicensed rod and line	27	363	1	42		6	6738	3505	
Obstruction of Bailiff	31	3	1				75	35	
Failing to state correctly name and address/Failing to produce a valid licence	35	46	4	4			590	186	
Theft of fish	Theft Act 1968	40		3			1260	196	

DETAILS OF FISHERIES PROSECUTIONS

1984/85

Nature of Offence	Byelaw	Total Charges	Dismissed	Withdrawn	Conditional Discharge	Absolute Discharge	Total Fines £	Costs £	Remarks
Fishing for or taking Char during close season	6	3					60	15	
Taking salmon or trout during weekly close time	8	1					200	150	
Use of a net in a prohibited area	9	8					200	-	
Removal of fish	15	1					50	25	
Using maggot as hook bait	16	47		5			515	189	
Using bait not on or attached to a hook	16	24		1			260	31	
Taking undersize fish	17	2					50	25	
Illegal use of Keep Nets	18	21		1			235	35	
		697	18	64	-	8	14,426	5,705	

8. Numbers of rod and commercial fishing licences issued 1984

8.1 Rod and Line

Whole Area

	<u>No.</u>	<u>Duty</u>	<u>Amount</u>
		£	£
Salmon season	2,405	28.50	68,542.40
Salmon season - reduced duty	822	14.25	11,713.50
Salmon - 7 day	3 227 2,029	4.75	9,637.75
Migratory trout - season	2,439	9.50	23,170.50
Migratory trout - reduced duty	553	4.75	2,626.75
Migratory trout - 7 day	973	1.60	1,556.80
Non-Migratory trout - season	25,914	4.20	108,838.80
Non-Migratory trout - reduced duty	5,103	2.10	10,716.30
Non-Migratory trout - 7 day	11,374	1.00	11,374.00
Freshwater fish and eels - season	31,878	3.40	108,385.20
Freshwater fish and eels - reduced duty	7,688	1.70	13,069.60
Freshwater fish and eels - 7 day	3,470	1.00	3,470.00
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	94,648		373,101.60
	<hr/>		<hr/>

8.2 Instruments other than Rod and Line

<u>North Cumbria</u>	<u>No.</u>	<u>Duty</u>	<u>Amount</u>
		£	£
Whole Area - Haaf Nets	206	30.00	6,180.00
R. Ellen - Haaf Nets	1	30.00	30.00
R. Eden District - Draft Nets	1	363.00	363.00
R. Eden District - Coops	2	142.00	284.00
South West Cumbria - Garth	1	157.00	157.00
Public waters within jurisdiction - Drift Nets	4	151.00	604.00
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TOTALS	215		7,618.00
	<hr/>		<hr/>

Lancashire/South Cumbria

Ribble Estuary - Drift or Hang Nets	6	97.00	582.00
Lune Estuary - Drift or Hang Nets	10	161.00	1,610.00
- Draw or Seine Nets	1	140.00	140.00
- Heave or Haaf Nets	26	62.10	1,612.00
Duddon Estuary - Draw or Seine Nets	3	133.00	399.00
Kent Estuary - Lave Nets	8	73.00	584.00
Leven Estuary - Lave Nets	6	60.00	360.00
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TOTALS	60		5,287.00
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Eels Fishing Licences - Whole Area

	<u>No. Licences</u>	<u>No. of Nets or Traps</u>	<u>Amount</u>
Fyke Nets	23	333	233.10
Traps/putcheons/baskets	5	150	43.50
	<hr/>	<hr/>	<hr/>
TOTALS	28		276.60
	<hr/>		<hr/>

8.3 Numbers of Persons engaged in Commercial/Salmon and Trout Fishing

Type of Net etc.

	<u>Heave</u>	<u>Drift</u>	<u>Draw</u>	<u>Lave</u>	<u>Fixed Engines</u>
<u>North Cumbria</u>					
Licence Holders	207	4	1	-	3
Endorsees	-	6	2	-	7
<u>Lancashire/South Cumbria</u>					
Licence Holders	26	16	4	14	-
Endorsees	-	31	19	-	-

8.4 General Licences

Number issued = 7

total value = £1,824

8.5 Temporary Licences

(Rod and Line, Freshwater Fish)

Number issued = 214

total value = £1,270.25