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1987 Atlantic Salmon Sport Catch Statistics Maritime Provinces

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Canadian Data Report of
Fisheries and Aquatic Sciences No. 770

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1987 ATLANTIC SALMON SPORT CATCH
STATISTICS - MARITIME PROVINCES

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TABLE OF CONTENTS

	<u>Page No.</u>
ABSTRACT.....	v
INTRODUCTION.....	1
COMMENT ON THE FISHERY.....	1
Maritime Provinces.....	1
New Brunswick and Prince Edward Island.....	2
Nova Scotia.....	3
ACKNOWLEDGEMENTS.....	4
REFERENCES.....	4
SPORT CATCH DATA TABLES	
New Brunswick and Prince Edward Island.....	10
Nova Scotia.....	37
APPENDIX 1.....	67
APPENDIX 2.....	72

LIST OF TABLES

General

Table 1. Retained catch for Canada, 1965-1986.....	5
Table 2. Retained catch by year angled for Maritime Provinces, 1970-1987.....	5
Table 3. Retained catch by year of run for Maritime Provinces, 1970-1986.....	6
Table 4. Effort and catch per unit effort for Maritime Provinces, 1970-1987.....	6
Table 5. Retained catch by year angled for Scotia-Fundy and Gulf Regions, 1970-1987.....	7
Table 6. 1SW and MSW counts at salmon monitoring facilities, 1970-1987.....	7
Table 7. 1SW and MSW counts at Mactaquac Dam, 1970-1987.....	8
Table 8. License sales by province.....	8

New Brunswick and Prince Edward Island

Table 9. Open season dates for NB and PEI.....	10
Table 10. Variation orders, fishing prohibitions and special seasons for New Brunswick and Prince Edward Island.....	11
Table 11. Released catch of large salmon on several New Brunswick rivers in 1987.....	12
Table 12. Catch by individual river.....	13
Table 13. Catch by river system.....	23
Table 14. Catch by statistical district.....	24
Table 15. Catch by county.....	28
Table 16. Catch by salmon fishing area.....	32
Table 17. Catch by province.....	34

Nova Scotia

Table 18. General summary.....	37
Table 19. Catch by river.....	38
Table 20. Catch by statistical district.....	41
Table 21. Catch by county.....	42
Table 22. Catch by salmon fishing area.....	42
Table 23. Catch and effort by river.....	43
Table 24. Catch and effort by statistical district.....	46
Table 25. Catch and effort by county.....	47
Table 26. Catch and effort by salmon fishing area.....	47
Table 27. Monthly catch by river.....	48
Table 28. Angled catch on the Cheticamp River.....	65
Table 29. Variation orders, fishing prohibitions and special seasons for Nova Scotia.....	65

LIST OF ILLUSTRATIONS

Fig. 1. Mean monthly discharge, June to September, summed for 12 rivers in New Brunswick and Nova Scotia for the years 1981-87. (Rivers: Bartibog, Kennebecasis, Magaguadavic, Nashwaak, Northwest Miramichi, Restigouche, Southwest Miramichi, Gold, LaHave, Musquodoboit, Northeast Margaree and St. Mary's).....	9
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ABSTRACT

O'Neil, S.F., K. Newbould and R. Pickard. 1989. 1987 Atlantic salmon sport catch statistics, Maritime Provinces. Can. Data Rep. Fish. Aquat. Sci. No. 770. v + 73 p.

The Maritime Provinces Atlantic salmon sport catch in 1987 was 45,301 fish - 32,326 grilse retained, 1,247 grilse released, and 11,754 large salmon (> 63 cm fork length) released. Field staff estimated that 32 New Brunswick rivers produced 25,754 bright fish (20,261 grilse retained) and 3,259 kelts. Nova Scotia anglers reported fishing on 98 rivers and retained or released a total of 15,917 large salmon and grilse. A total of 476 grilse were angled on Prince Edward Island. Anglers spent 81,300 rod-days on New Brunswick rivers and 69,310 rod-days on Nova Scotia rivers during the 1987 season. Catch per unit effort (fish per rod-day) for the Maritimes was 0.297.

Keywords: Atlantic salmon, sport catch, rod-days, kelts, grilse, large salmon, New Brunswick, Nova Scotia, Maritimes.

RÉSUMÉ

O'Neil, S.F., K. Newbould and R. Pickard. 1989. 1987 Atlantic salmon sport catch statistics, Maritime Provinces. Can. Data Rep. Fish. Aquat. Sci. No. 770. v + 73 p.

Les prises sportives de saumon de l'Atlantique effectuées dans les provinces Maritimes en 1987 s'établissent à 45 301 saumons, soit 32 326 madeleineaux capturés et gardés, 1 247 madeleineaux remis à l'eau et 11 754 gros saumons (plus de 63 cm de longueur à la fourche) remis à l'eau. Les employés des régions concernées ont estimé à 25 754 saumons de montée (20 261 madeleineaux gardés) et 3 259 charognards les prises obtenues dans 32 rivières du Nouveau-Brunswick. En Nouvelle-Écosse, les prises sportives de saumon, soit gardées soit remises à l'eau, obtenues dans 98 rivières s'élèvent à 15 917 gros saumons et madeleineaux. A Ile-du-Prince-Édouard, les prises se sont limitées à 476 madeleineaux. En 1987, les pêcheurs ont consacré à la pêche 81 300 journées au Nouveau-Brunswick et 69 310 en Nouvelle-Écosse. La prise par effort unitaire (poissons par journée de pêche) pour les Maritimes a été de 0,297.

INTRODUCTION

This report provides catch and effort statistics for the Atlantic salmon sport catch in the Maritime Provinces in 1987.

The data provided in this report have been divided into two main sections based on the source of information. The first section includes catch and effort statistics for Atlantic salmon angling in New Brunswick and Prince Edward Island rivers. The data is based on estimates provided by Fisheries and Oceans fishery officers and New Brunswick Department of Natural Resources and Energy district biologists from conversations with anglers, actual observation, and review of angler diaries. The second section of this report contains angling statistics on Nova Scotia's many streams and rivers summarized from the more than 6,600 catch and effort reports supplied by anglers to the Nova Scotia Department of Lands and Forests. Maps of Maritime Atlantic salmon rivers and "salmon fishing areas" with accompanying list of rivers are provided in Appendix 1.

COMMENT ON THE SOURCES OF DATA

Since 1951, staff from Fisheries and Oceans or its predecessors, have made a concerted effort to summarize Atlantic salmon angler catch and effort. Public interest in Atlantic salmon and the close proximity of many towns to salmon rivers kept the general public involved and visibly aware of the success of each years salmon run. In the 1950s and 1960s, river guardians were employed on many rivers by the Department to protect Atlantic salmon from poaching and to provide reasonably accurate estimates of angler effort and harvest.

The demand for reliable catch and effort data has never been more critical than now. In the 1950s, salmon runs were not considered immediately threatened; so data gathering was more for general information for the angling public than for use as a management tool. Recent declines in Atlantic salmon, both in run diversity and magnitude, have resulted in a greater need for accurate data for effective management. However, the responsibilities for enforcement (field) staff have increased somewhat since the days of the guardians. Those increased demands have radically decreased the amount of time fishery officers have been spending on rivers. Understandably, salmon data gathering has suffered, with the result that fishery officer estimates of Atlantic salmon exploitation by anglers are almost non-existent in most Maritime areas today. The cause is directly related to priorities...

Alternate systems of data collection, however, have begun to evolve. In Nova Scotia, an alternate form of data collection was implemented in 1983 to compensate for the eroding word-of-mouth system and to take advantage of the

coincident introduction of an Atlantic salmon angling license.

In New Brunswick, many of the rivers which drain into the Bay of Fundy have not received sufficient attention by federal fishery officers in the past several years to permit accurate catch-effort estimates. District biologists with the New Brunswick Department of Natural Resources and Energy have helped fill the gap on numerous occasions. They have employed various methods for data collection which include the use of angler diaries, creel surveys, and word-of-mouth reports. Data are still being collected, sporadically and in an unorganized fashion, on various other rivers in the province by Fisheries and Oceans field staff.

Uncertainty about the source and accuracy of much of the New Brunswick data collected during the past few years has rendered it tentative, at best. As a result, this years report of New Brunswick Atlantic salmon sport catch has numerous estimates based on averages or very rough guesses of catch and effort from one or two local anglers. This is particularly true on the Saint John river system, and applies elsewhere for estimates of numbers of large salmon released. Multi-year comparisons should only be done with the unique characteristics of this year's New Brunswick data in mind.

COMMENT ON THE FISHERY

The estimated Canadian Atlantic salmon sport catch in 1986 of 108,000 fish was approximately equal to or exceeded the catch in all but two of the previous eighteen years (Table 1). The 1986 figure also represents the third consecutive increase in Canadian sport catch. The reported harvest of Atlantic salmon has consisted primarily of grilse or 1 sea-winter fish since 1983. Consequently, comparison of recent harvest with that of previous years, which consisted of large salmon (multi-sea-winter-fish) and grilse, renders the recent increase even more remarkable.

MARITIME PROVINCES

The Atlantic Salmon Management Plan initiated in 1984 was continued through 1987; anglers were again required to release salmon 63 cm or more in length. The change in regulations has resulted in three separate categories of angled fish: (1) large salmon released; (2) grilse released, and (3) grilse retained. The latter category, retained grilse, represents the legal salmon kill or harvest under the management plan. Since all salmon (large salmon and grilse) reported caught prior to 1983 were recorded as retained, it is inappropriate to compare recent total harvest with catches of earlier years. In addition, an annual bag limit imposed in the Maritime Provinces in 1984 further reduced the potential legal

kill from the previous season-long 2 per day daily bag limit to the current season total of 10 fish in all three Maritime Provinces.

In 1987, 32,300 grilse were reported harvested in the Maritime Provinces, which is down considerably from the exceptional catch of 48,500 fish in 1986, and is slightly below the 1970-86 long-term average catch of 37,300 fish (Table 2). Extreme drought conditions in 1987 limited fish availability which contributed to the downturn in total harvest after 3 years of successive increases. On some rivers angling seasons were closed early and on others, fish did not enter the rivers until late in the fishing season or after its close (Tables 9 and 17). Examination of a sample of Maritime river summer (June-September) flows or discharges over the period 1981-87 clearly indicates that 1987 water levels were the lowest of the period (Figure 1).

The kelt or black salmon fishery in 1987 yielded 3,200 grilse, nearly double the estimated catch in 1986 of 1,700 grilse (Table 2). In spite of the improved landings, however, the number is well below the long-term (1970-86) mean of 6,900 fish. Recent kelt catch estimates exclude the number of large salmon released, so would be expected to be below the long-term average, which would include estimates of MSW salmon harvest. Catch by year of run for 1986, which is the sum of the bright catch in 1986 and the kelt harvest in 1987, is the third highest since 1970 and is considerably greater than any catch reported since 1977 (Table 3). This further supports the evidence that closure of the commercial fishery has had a significant positive impact on the number of salmon entering rivers.

Unusually low summer water levels also influenced angler effort. Anglers collectively fished 153,000 rod-days in 1987 as compared with the highest recorded single season effort of 191,000 rod days reported in 1986 (Table 4). In spite of the season closures and low water levels, the effort figure is well above the 1970-86 mean of 134,000 rod-days.

The overall catch per unit effort (CPUE) or fish per rod-day for the Maritime Provinces was 0.297 in 1987. This represents a better average catch rate than in 1986 when the CPUE was 0.254 and one roughly equal to the mean 1970-86 catch rate of 0.300 (Table 4).

The Maritime provinces comprise all of Scotia-Fundy Region and part of the Gulf Region. The Scotia-Fundy Region includes those portions of New Brunswick and Nova Scotia which border on the Atlantic Ocean and Bay of Fundy. The Maritime Provinces portion of the Gulf Region includes the remaining areas of New Brunswick and Nova Scotia which border on the Gulf of St. Lawrence, and all of Prince Edward Island. Atlantic salmon anglers visited 132 rivers

within the Maritimes in 1987, 93 in Scotia-Fundy Region and 39 in the Gulf. The collective harvest indicates that the 11,300 grilse taken in the Scotia-Fundy Region is consistent with that seen in recent years, but the 21,000 fish retained from Gulf waters in 1987 is well below the 37,300 fish harvested in 1986 (Table 5).

Fish counts at several of the salmon monitoring facilities in Scotia-Fundy Region indicate that the overall returns of grilse within the region improved in 1987 over the previous two years or more (Table 6 and Table 7). However, a large percentage of those fish may have ascended the rivers after the normal angling season and avoided the fishery.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND

The three largest river drainage basins in the Maritime Provinces, the Saint John, the Miramichi and the Restigouche, are located in New Brunswick. Collectively, these three river systems accounted for 94.5% and 92.2% of the provinces kelt and bright grilse harvest, respectively. The 1987 bright grilse catch in New Brunswick of 20,260 is considerably lower than the 1986 catch of 38,600 grilse but near the recent (1982-86) and long term (1970-86) average catches of 21,700 and 23,800 fish, respectively (Table 2). The estimated 5,500 large salmon released in New Brunswick in 1987 is known to be a partial estimate only (Table 11). Only a fraction of the 32 rivers fished in the province actually had estimates of large fish released available from reporting officers for inclusion in this report.

Anglers in New Brunswick experienced a second consecutive year of improved catch rates over the previous five years, in spite of the poor water conditions (Table 4). The decrease in angler effort to 81,300 rod-days in 1987 from the 111,000 reported in 1986 is largely responsible for the relative improvements in catch per effort.

Notable high catch rates during the 1987 season occurred on the Bartibog 0.532; Kedgewick 0.501; Patapedia 0.660 and Sevogle 0.613 rivers. Rivers tributary to the inner Bay of Fundy east of the Saint John River, on the other hand, had very poor angling success rates. The Big Salmon River, which is characteristic of those rivers, had only 31 grilse angled in 1987 for a CPUE of 0.097. As recently as 1981, over 640 grilse were taken on the big Salmon at a catch rate of 0.20 fish per rod-day.

The number of large salmon caught in the sport fishery was often used as a rough indicator of the relative number of multi-sea-winter fish escaping to rivers. Mandatory release of large salmon has caused us to rely more heavily on fishway returns as indices of relative stock performance. Review of the returns of large fish to the Mactaquac fish monitoring

facility shows a recent downturn in numbers reaching the dam (Table 7). In spite of this obvious recent decrease, i.e., since 1984, many factors could influence the usefulness of those counts as an index of stock performance, such as high seas (Greenland and Newfoundland) and local (Native) commercial fisheries and variations in stocking rates for the year classes contributing to those returns.

Atlantic salmon angling license sales in New Brunswick increased in 1987 to 20,502 from the previous years sales of 19,751 (Table 8). This represents the fourth consecutive increase, after the precipitous decline in sales in 1984. The drop in license sales noted in 1984 has been attributed to a combination of factors, in particular, the poor catches of 1983 and the introduction of the new salmon management plan in 1984 which stipulated release of large salmon in New Brunswick.

The 1987 angling season dates on New Brunswick rivers are given in Table 9; special seasons and variation orders are provided in Table 10.

The statistical portion of this report which includes the New Brunswick and Prince Edward Island rivers provides an alphabetically arranged list of rivers with monthly catch and effort data for each river (Table 12). Additional summaries of the data by river system, Fisheries & Oceans statistical district, county, salmon fishing area, and province, are also included (Tables 13-17).

The Atlantic salmon catch on Prince Edward Island in 1987 of 476 fish (Table 2; exclusive of 15 grilse released in October) was more than double the previous years 236 fish, which represented a provincial high since regular record keeping began in 1951. The explosive increase in numbers was largely due to an enhancement program on the Morell River which accounted for the entire grilse harvest on the island.

The number of rod-days expended by island fishermen in 1987 fell slightly to 2,400 from the 2,800 rod-days reported in 1986 (Table 4). The drop in effort, together with the sharp increase in catch, contributed to a catch per rod-day figure (0.208) far better than that recorded since 1964 (0.215) in Prince Edward Island (Table 4).

NOVA SCOTIA

Nova Scotian and non-resident anglers took home an estimated 8,300 grilse from the 98 rivers fished throughout the province in 1987. Although the catch was somewhat lower than that reported in four previous occasions since 1970, it is substantially above the short term (1982-86) mean of 7,400 fish and longer term (1970-86) mean of 6,600 fish (Table 2). As in New Brunswick, the recent catches represent a significant improvement when it is considered that catch values

prior to 1984 included grilse and large salmon.

The catch and effort statistics for Nova Scotia rivers are based on reports returned by individual anglers. In 1987, 6,663 completed license stubs were returned, an overall response rate of 93%. A review of the Nova Scotia tables in the statistical section of this report will indicate that the estimated total catch, which includes retained and released grilse and large salmon is in excess of 15,800 fish (Table 23). Although this number is difficult to compare with harvest estimates of previous years, it is down slightly from the total catch (retained plus released) of 19,900 fish reported in 1986 (O'Neil et al. 1987).

Effort for Nova Scotia anglers was down roughly 10% from 77,200 rod-days in 1986 to 69,300 rod-days in 1987 (Table 4). License sales, on the other hand, increased from 6,755 in 1986 to 7,177 in 1987 (Table 8). As a result, the average number of rod-days per angler fell as did catch per unit effort, to 0.230 fish per rod-day in 1987 versus 0.260 per rod-day in 1986 (Table 4). These values both remain well above the short (1982-86) and long (1970-86) term means of 0.170 and 0.159, respectively.

Several separate tables are provided in the Nova Scotia statistical section of this report which give details on each river fished in the Province. The format and content of the tables are distinct from those provided for New Brunswick and Prince Edward Island. In general, data in the Nova Scotia section are compiled either by individual river (Tables 19, 23 & 27), by district (Tables 20 and 24), or fishing area (Tables 22 and 26). Data in the tables numbered 19 through 22 provide catch information broken down into retained and released components; Tables 23 through 26 summarize total catch (retained plus released), effort, and catch per unit effort. Table 27 is a monthly breakdown of retained catch by river.

The Cheticamp River is managed under the National Parks Act and Regulations which do not require that anglers hold a provincial fishing license. Catch and effort data are recorded by Cape Breton Highlands National park wardens and have been provided by them for this report (Table 28).

Estimates of catch and effort for anglers who failed to return license stubs were made by either a regression or ratio method, depending on the river. A description of the methodology is provided in Appendix 2.

Open-season dates accompany each river in the Nova Scotia section tables; variation orders and special seasons are listed in Table 29.

ACKNOWLEDGEMENTS

The Nova Scotia salmon angling license stub program is a joint program managed by the Nova Scotia Department of Lands and Forests and the federal Department of Fisheries and Oceans. In particular, the participation and cooperation of the licensing unit at Lands and Forests is greatly appreciated.

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TABLE 1. Atlantic salmon angling catches (retained fish), Canada, 1965-86.

Year angled	Numbers of large salmon and grilse					Total
	New Brunswick	Nova Scotia	Prince Edward Island	Quebec	Newfoundland and Labrador	
1965	66,962	2,655	12	12,019	34,947	116,595
1966	85,935	3,596	10	12,873	34,626	137,040
1967	75,002	5,245	27	13,424	27,876	121,574
1968	27,373	3,069	10	8,603	35,744	74,799
1969	43,009	3,174	12	14,132	40,545	100,872
1970	34,969	4,948	13	14,846	37,167	91,943
1971	19,348	3,910	0	8,801	32,711	64,770
1972	32,119	4,152	7	14,131	29,175	79,584
1973	30,537	5,144	2	15,189	45,936	96,808
1974	42,237	8,519	2	17,455	31,002	99,215
1975	27,593	3,560	0	15,507	38,930	85,590
1976	43,169	7,309	7	15,348	42,070	107,903
1977	57,936	7,027	0	20,028	42,987	127,978
1978	24,741	4,067	6	18,473	33,640	80,806
1979	26,210	7,143	3	11,308	36,457	81,121
1980	32,698	8,356	6	24,244	42,640	107,944
1981	28,499	10,232	112	22,637	54,680	116,160
1982	25,116	6,572	83	18,473	47,806	98,050
1983	16,263	7,975	11	12,079	38,602	74,930
1984	16,747	6,083	7	11,897	43,287	78,021
1985	24,042	8,527	47	13,767	40,042	86,425
1986	40,308	7,998	236	17,695	41,427 ¹	107,664

¹ Claytor and Mullins 1988; O'Connell, Dempson, Ash and Cochrane 1988.

TABLE 2. Atlantic salmon angled and retained by year angled, Maritime Provinces, 1970-87.

Year angled	Numbers of large salmon and grilse					Total
	Kelt	New Brunswick Bright	Total	Nova Scotia	Prince Edward Island	
1970	7,081	27,888	34,969	4,948	13	39,930
1971	5,406	13,942	19,348	3,910		23,258
1972	2,563	29,556	32,119	4,152	7	36,278
1973	7,944	22,593	30,537	5,144	2	35,683
1974	8,655	33,582	42,237	8,519	2	50,758
1975	6,455	21,138	27,593	3,560		31,153
1976	9,386	33,783	43,169	7,309	7	50,485
1977	22,832	35,104	57,936	7,027		64,963
1978	8,307	16,434	24,741	4,067	6	28,814
1979	8,935	17,275	26,210	7,143	3	33,356
1980	6,326	26,372	32,698	8,356	6	41,060
1981	9,753	18,746	28,499	10,232	112	38,843
1982	2,152	22,964	25,116	6,572	83	31,771
1983	4,533	11,730	16,263	7,975	11	24,249
1984	1,709	15,038	16,747	6,083	7	22,837
1985	3,810	20,232	24,042	8,527	47	32,616
1986	1,690	38,618	40,308	7,998	236	48,542
1987	3,259	20,261	23,520	8,330	476	32,326
Mean						
1970-86	6,914	23,823	30,737	6,560	32	37,329
1982-86	2,779	21,716	24,495	7,431	77	32,003

TABLE 3. Atlantic salmon angled and retained by year of run¹, Maritime Provinces, 1970-86.

Year of run	Numbers of large salmon and grilse					
	New Brunswick			Nova Scotia	Prince Edward Island	Total
	Kelt	Bright	Total			
1970	5,406	27,888	33,294	4,948	13	38,255
1971	2,563	13,942	16,505	3,910		20,415
1972	7,944	29,556	37,500	4,152	7	41,659
1973	8,655	22,593	31,248	5,144	2	36,394
1974	6,455	33,582	40,037	8,519	2	48,558
1975	9,386	21,138	30,524	3,560		34,084
1976	22,832	33,783	56,615	7,309	7	63,931
1977	8,307	35,104	43,411	7,027		50,438
1978	8,935	16,434	25,369	4,067	6	29,442
1979	6,326	17,275	23,601	7,143	3	30,747
1980	9,753	26,372	36,125	8,356	6	44,487
1981	2,152	18,746	20,898	10,232	112	31,242
1982	4,533	22,964	27,497	6,572	83	34,152
1983	1,709	11,730	13,439	7,975	11	21,425
1984	3,810	15,038	18,848	6,083	7	24,938
1985	1,690	20,232	21,922	8,527	47	30,496
1986	3,259	38,618	41,877	7,998	236	50,111

1. The kelt salmon catch in any one year is added to the bright salmon catch of the previous year, in order to give the total angling catch from a specific annual run.

TABLE 4. Angling effort (rod-days) and catch per unit effort (CPUE) for the Maritime Provinces, by year of catch, 1970-87.

Year	Maritimes		Nova Scotia		New Brunswick		Prince Edward Island	
	Rod days	CPUE	Rod days	CPUE	Rod days	CPUE	Rod days	CPUE
1970	93,373	0.428	30,386	0.163	62,783	0.557	204	0.064
1971	76,106	0.306	26,104	0.150	49,919	0.388	83	0
1972	92,401	0.393	26,951	0.154	65,312	0.492	138	0.051
1973	106,758	0.334	32,221	0.160	74,369	0.411	168	0.119
1974	139,336	0.364	46,825	0.182	92,433	0.457	78	0.026
1975	86,907	0.358	19,880	0.179	67,027	0.412	0	0
1976	131,954	0.383	39,901	0.183	91,789	0.470	264	0.027
1977	159,481	0.407	43,463	0.162	115,907	0.500	111	0
1978	107,989	0.267	33,629	0.121	74,225	0.333	135	0.044
1979	132,639	0.251	57,520	0.124	75,059	0.349	60	0.050
1980	158,016	0.260	69,067	0.121	88,818	0.368	131	0.046
1981	161,272	0.241	70,410	0.145	89,948	0.317	914	0.123
1982	182,921	0.174	72,472	0.091	108,314	0.232	2,135	0.039
1983	160,808	0.151	74,601	0.107	85,743	0.190	464	0.024
1984	134,764	0.210	59,833	0.142	74,248	0.226	683	0.010
1985	160,382	0.305	64,947	0.251	94,402	0.255	1,033	0.045
1986	190,994	0.254	77,204	0.259	111,004	0.363	2,786	0.085
1987	152,978	0.297	69,310	0.230	81,303	0.357	2,365	0.208
Mean ¹								
1970-86	133,888	0.300	49,730	0.159	83,605	0.374	552	0.044
Mean ¹								
1982-86	165,974	0.219	69,811	0.170	94,742	0.254	1,420	0.041

¹ CPUE means calculated after arcsine transformation.

TABLE 5. Scotia-Fundy and Gulf Region retained catches by year angled (kelt and bright fish), 1970-87.

Year	Numbers of large salmon and grilse					
	Scotia-Fundy			Gulf		
	Kelt	Bright	Total	Kelt	Bright	Total
1970	64	6,869	6,933	7,017	25,980	32,997
1971	157	5,687	5,844	5,249	12,165	17,414
1972	88	6,485	6,573	2,475	27,230	29,705
1973	99	7,755	7,854	7,845	19,984	27,829
1974	93	11,439	11,532	8,562	30,664	39,226
1975	185	6,985	7,170	6,270	17,713	23,983
1976	314	12,727	13,041	9,072	28,372	37,444
1977	265	11,175	11,440	22,567	30,956	53,523
1978	122	5,371	5,493	8,185	15,136	23,321
1979	47	10,337	10,384	8,888	14,084	22,972
1980	45	13,278	13,323	6,281	21,456	27,737
1981	38	12,476	12,514	9,715	16,614	26,329
1982	49	10,898	10,947	2,103	18,721	20,824
1983	109	10,830	10,939	4,424	8,886	13,310
1984	49	8,722	8,771	1,660	12,406	14,066
1985	103	12,538	12,641	3,707	16,268	19,975
1986	102	11,049	11,151	1,588	35,780	37,368
1987	184	11,131	11,315	3,075	17,936	21,011

Table 6. Grilse (ISW) and large salmon (MSW) counts at several of Scotia-Fundy Region's salmon monitoring facilities, 1985-1987¹.

River (Site)	1985		1986		1987	
	ISW	MSW	ISW	MSW	ISW	MSW
LaHave (Morgan Falls)	1445 (102)	715 (77)	1676 (130)	647 (76)	3102 (573)	611 (79)
Liscomb (Falls)	682 (175)	136 (49)	1502 (766)	225 (108)	2137 (523)	142 (54)
Saint John (Mactaquac)	7077 (1746)	6961 (571)	7046 (699)	4143 (487)	8000 (2894)	3435 (344)
St. Croix (Milltown)	49 (8)	295 (31)	63 (25)	257 (53)	195 (67)	177 (42)
Tusket (Falls) ²	194 (51)	74 (17)	138 (71)	34 (8)	851 (735)	28 (11)

1. Hatchery-return ISW and MSW salmon in parentheses are included in total counts.
2. Incomplete trapping in all 3 years.

TABLE 7. Counts of grilse (ISW) and large salmon (MSW) at Mactaquac Dam, Saint John River system, 1970-87.

Year	Number of grilse	Number of large salmon	Total
1970	2,874	2,449	5,323
1971	1,592	2,235	3,827
1972	784	4,831	5,615
1973	1,854	2,367	4,221
1974	3,389	4,775	8,164
1975	5,725	6,200	11,925
1976	6,797	5,511	12,308
1977	3,507	7,247	10,754
1978	1,584	3,034	4,618
1979	6,234	1,993	8,227
1980	7,555	8,157	15,712
1981	4,571	2,441	7,012
1982	3,932	2,262	6,194
1983	3,623	1,712	5,335
1984	7,353	7,011	14,364
1985	5,331	6,391	11,722
1986	7,046	4,143	11,189
1987	7,972	3,530	11,502
Mean	4,540	4,238	8,778

TABLE 8. Resident and non-resident Atlantic salmon angling license sales for New Brunswick (1972-87) and Nova Scotia (1983-87).

	New Brunswick license sales ¹			Nova Scotia license sales		
	Resident	Non-resident	Total	Resident	Non-resident	Total
1972	8,557	3,540	12,097			
1973	10,148	4,317	14,465			
1974	11,174	4,480	15,654			
1975	12,820	4,008	16,828			
1976	14,809	3,948	18,757			
1977	16,805	4,447	21,252			
1978	16,718	4,423	21,141			
1979	16,765	4,074	20,839			
1980	16,266	4,367	20,633			
1981	16,890	5,074	21,964			
1982	17,950	4,585	22,535			
1983	17,717	4,680	22,397	6,722	876	7,598
1984	12,637	3,482	16,119	5,029	761	5,790
1985	13,620	4,158	17,778	5,299	788	6,087
1986	14,884	4,867	19,751	5,898	857	6,755
1987	15,300	5,202	20,502	6,242	935	7,177

1. License sales figures obtained from N.B. Department of Natural Resources and Energy "FISHSYS" tables.

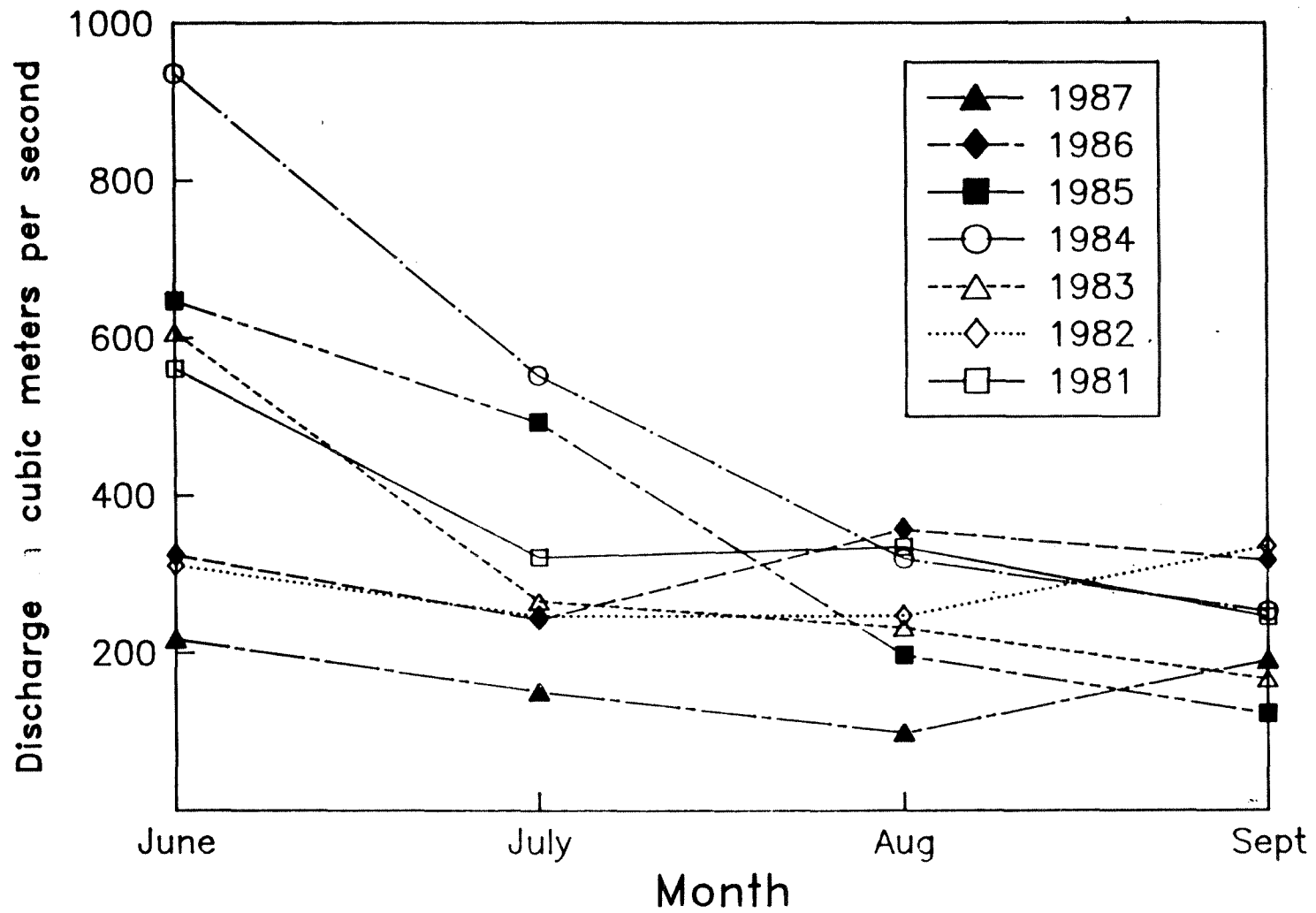


Fig. 1. Mean monthly discharge, June to September, summed for 12 rivers in New Brunswick and Nova Scotia for the years 1981-87. (Rivers: Bartibog, Kennebecasis, Magaguadavic, Nashwaak, Northwest Miramichi, Restigouche, Southwest Miramichi, Gold, LaHave, Musquodoboit, Northeast Margaree, and St. Mary's).

NEW BRUNSWICK AND
PRINCE EDWARD ISLAND

TABLE 9. Open season dates, New Brunswick and Prince Edward Island rivers, 1987.

River	Kelts	Bright
Alma	15 Apr - 15 May	15 Jun - 15 Oct
Bartibog	15 Apr - 15 May	1 Jul - 29 Oct
Big Salmon		
- upstream from and including Walton Dam Pool	15 Apr - 15 May	15 Jun - 15 Sep
- downstream from Walton Dam Pool	15 Apr - 15 May	8 Jun - 22 Oct
Black (Saint John Co.)	15 Apr - 15 May	15 Jun - 15 Oct
Cains	15 Apr - 15 May	1 Jul - 15 Oct
Coverdale	15 Apr - 15 May	15 Jun - 15 Oct
Digdeguash	15 Apr - 15 May	15 Jun - 15 Oct
*Dungarvon	15 Apr - 15 May	8 Jun - 30 Sep
- above Underwood Brook	15 Apr - 15 May	8 Jun - 15 Sep
*Hammond		
- upstream from and including French Village Bridge Pool	15 Apr - 15 May	15 Jun - 15 Oct
- downstream from French Village Bridge Pool	15 Apr - 15 May	15 Jun - 31 Oct
Irish	15 Apr - 15 May	15 Jun - 15 Oct
Jacquet	15 Apr - 15 May	1 Jul - 15 Oct
Kedgwick	No kelt fishery	1 Jun - 31 Aug
Kennebecasis	15 Apr - 15 May	15 Jun - 31 Oct
Little Salmon	15 Apr - 15 May	15 Jun - 15 Oct
Little Southwest Miramichi	15 Apr - 15 May	8 Jun - 30 Sep
- above Catamaran Brook	15 Apr - 15 May	8 Jun - 15 Sep
Magaguadavic	15 Apr - 15 May	15 Jun - 15 Oct
Middle (Gloucester Co.)	15 Apr - 15 May	1 Jul - 15 Oct
*Middell (P.E.I.)	No kelt fishery	1 Jul - 30 Sep
*Morell (P.E.I.)	No kelt fishery	1 Jul - 30 Sep
Mosher	15 Apr - 15 May	15 Jun - 15 Oct
*Nashwaak		
- upstream from bridge at Stanley	15 Apr - 15 May	15 Jun - 30 Sep
- downstream from bridge at Stanley	15 Apr - 15 May	15 Jun - 15 Oct
*Nepisiguit	No kelt fishery	8 Jun - 7 Oct
Nerepis	15 Apr - 15 May	15 Jun - 15 Oct
*Northwest Miramichi	15 Apr - 15 May	8 Jun - 30 Sep
- above Little River	15 Apr - 15 May	8 Jun - 31 Aug
Patapedia	No kelt fishery	1 Jun - 31 Aug
Petitcodiac	15 Apr - 15 May	15 Aug - 15 Oct
Pollett	15 Apr - 15 May	15 Jun - 15 Oct
*Renous	15 Apr - 15 May	8 Jun - 30 Sep
- above North Renous River	15 Apr - 15 May	8 Jun - 15 Sep
Restigouche	No kelt fishery	1 Jun - 31 Aug
*St. Croix	15 Apr - 15 May	15 Jun - 15 Sep
*Saint John		
- upstream from the Grafton Bridge in Woodstock	15 Apr - 15 May	15 Jun - 30 Sep
- downstream from the Grafton Bridge in Woodstock	15 Apr - 15 May	1 Jun - 15 Oct
*Sevogle	15 Apr - 15 May	8 Jun - 30 Sep
- above Square Forks	15 Apr - 15 May	8 Jun - 15 Sep
Shepody	15 Apr - 15 May	15 Jun - 15 Oct
*Southwest Miramichi	15 Apr - 15 May	8 Jun - 30 Sep
- Rocky Brook	15 Apr - 15 May	1 Jun - 31 Aug
- above McKiel Brook and tributaries above Cains River	15 Apr - 15 May	8 Jun - 15 Sep
Tabusintac	15 Apr - 15 May	1 Jul - 26 Oct
Tetagouche	15 Apr - 15 May	1 Jul - 15 Oct
*Tobique	15 Apr - 15 May	15 Jun - 15 Sep
Tracadie	15 Apr - 15 May	1 Jul - 15 Oct
Upsalquitich	No kelt fishery	1 Jun - 31 Aug

* See variation orders and fishing prohibitions on page 11.

TABLE 10. New Brunswick and Prince Edward Island variation orders, fishing prohibitions and special seasons, 1987.

Bartholomew River	Closed to salmon angling in 1987.
Dungarvon River	Closed to angling, including its tributaries from July 15 to July 26, 1987.
Hammond River	Closed to angling in Palmer Brook from its confluence with the Hammond River upstream 200 m to a point as marked by a fishery officer from July 31, 1987 for the remainder of the year.
Little Southwest Miramichi River	Closed to angling including its tributaries from July 15 to July 26, 1987.
Midgell River (P.E.I.)	Catch and release "only" season from October 1 - 15, 1987.
Morell River	(1) Closed to fishing, including its tributaries, in those waters of the West Branch below Leard's Pond, the East Branch below Hazelgreen Road, Highway 329, and the main stream of the Morell River from the confluence of the West and East branches to the downstream side of the Morell River Bridge, Highway #2 from July 22 to August 25, 1987. (2) Catch and release "only" season from October 1 - 15, 1987.
Nashwaak River	(1) Fishing by means of hook, line and rod is prohibited in those waters locally known as Ross Pool, and extending from a point located 150 m downstream of the mouth of Porters Brook to a point located 30 m upstream of the mouth of Porters Brook, from June 1, 1987, for the remainder of the year. (2) Fishing by means of hook, line and rod is prohibited in those waters locally known as Big Basin Pool lying between a point at Grid Reference 49342893 and a point at Grid Reference 49522899 as shown on map Coldstream 21J/6 of the National Topographic Series, scale 1:50,000, from June 15, 1987, for the remainder of the year. (3) Fishing by means of hook, line, and rod is prohibited in those waters, and its tributaries, upstream from its confluence with the Saint John River from July 21 - 28, 1987 and again from August 10 to September 10, 1987.
Nepisiguit	(1) Closed to angling in those waters from the head of Pabineau Falls Pool downstream for a distance of 45 meters to a point as marked by a fishery officer from May 13 to October 8, for 1987 only. (2) Closed to angling in waters, from 100 meters above to 100 meters below the Nepisiguit Trap Counting Fence, from May 25 to December 31, 1987.
Northwest Miramichi	(1) Closed to angling in those waters from 100 m above to 100 m below the Miner's Bridge from June 1, 1987 for the remainder of the year. (2) Closed to angling including its tributaries, from July 15 to July 26, 1987. (3) Closed to angling in that portion from the Holding Fence at Craig's Pool downstream to Johnson's Bridge from July 27, 1987, for the remainder of the year.
Point Wolfe River	Closed to salmon angling in 1987.
Renous River	(1) Closed to angling, including its tributaries, from July 15 to July 26, 1987. (2) Closed time above the branches of the North and South Renous rivers varied to be September 15.

St. Croix River	Daily and yearly catch limits for salmon are varied to be one salmon (grilse) in any one day and five salmon (grilse) in any year.
Saint John River	(1) Fishing by means of hook, line and rod is prohibited in those waters lying between the highway bridge at Grafton and the railroad bridge at Upper Woodstock from June 15, 1987, for the remainder of the year. (2) Fishing by means of hook, line and rod is prohibited in those waters lying between the Grafton Bridge in Woodstock and the hydro dam at Beechwood, including tributaries to those waters, from July 22 to 6 o'clock in the afternoon local time on July 24, 1987.
Sevogle River	Closed to angling, including its tributaries, from July 15 to July 26, 1987.
Southwest Miramichi River	(1) Closed to angling in those waters from a point situated at 100 m above Millbrook downstream to Highway No. 8 bridge from August 20 - 25, 1987. (2) Closed to angling in waters 100 meters above to 100 meters below the Quarryville Bridge from June 27 to December 31, 1987.
Tobique River	(1) Closed to angling in those waters of the Campbell River (right hand branch of the Tobique River) beginning at the mouth of the Mamozekel River upstream to a point 200 m above the Tobique Salmon Enhancement Project Holding Fence from July 16, 1987, for the remainder of the year. (2) Closed to angling in that portion beginning at 200 m below the Salmon Dumping site on the Tobique River upstream to and including the Little Tobique River to Nictau Lake, the Campbell River to the Forks of the River Dee and River Don and the Serpentine River to the mouth of Salmon Hole Brook from July 22, 1987, for the remainder of the year. (3) Closed to angling in that portion 400 m downstream of the Tobique Forks Pool and 400 m upstream from the North and South branches of the Tobique River from July 22, 1987, for the remainder of the year.

TABLE 11. Estimates of large salmon released by anglers on several New Brunswick rivers in 1987.¹

River	Number
Jacquet	77
Kedgwick	394
Little Southwest Miramichi	421
Nashwaak	177 ²
Nepisiguit	500
Northwest Miramichi	681
Patapedia	37
Restigouche	2,362
Saint Croix	9
Saint John	189 ²
Salmon (Victoria County)	55 ²
Sevogle	154 (bright only)
Traca	27
Upsal	410
Total	5,493

1. Estimates of released fish not available on other New Brunswick rivers.
2. Partial estimate only based on apparent grilse to salmon ratios in sport catch (P. Cronin, NBDNR, pers. comm.)

TABLE 12. Sport catch by individual river for New Brunswick and Prince Edward Island.

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
BARTIBOG 19								
Kelts								

April	43	59	0	0	43	59	280	0.154
May	26	35	0	0	26	35	140	0.186
Total	69	94	0	0	69	94	420	0.164
Bright Fish								

September	30	41	0	0	30	41	120	0.250
October	300	408	0	0	300	408	500	0.600
Total	330	449	0	0	330	449	620	0.532
BIG SALMON 131								
Bright Fish								

June	0	0	0	0	0	0	30	0.000
July	2	10	0	0	2	10	60	0.033
August	9	45	0	0	9	45	90	0.100
September	10	50	0	0	10	50	80	0.125
October	10	50	0	0	10	50	60	0.167
Total	31	155	0	0	31	155	320	0.097
CAINS 146								
Kelts								

April	45	61	0	0	45	61	40	1.125
Bright Fish								

July	31	56	0	0	31	56	136	0.228
August	46	83	0	0	46	83	197	0.234
September	190	299	0	0	190	299	530	0.358
October	358	581	0	0	358	581	1438	0.249
Total	625	1019	0	0	625	1019	2301	0.272
COVERDALE 128								
Bright Fish								

September	0	0	0	0	0	0	32	0.000
October	0	0	0	0	0	0	30	0.000
Total	0	0	0	0	0	0	62	0.000

	Grilse		Large salmon		Total		Effort	Catch/effort
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)	(rod-days)	(fish/rod-day)
DIGDEGUASH 139 ¹								
Bright Fish								

July	3	6	0	0	3	6	16	0.188
August	4	7	0	0	4	7	24	0.167
Total	7	13	0	0	7	13	40	0.175
DUNGARVON 148								
Kelts								

April	19	26	0	0	19	26	16	1.188
May	8	11	0	0	8	11	12	0.667
Total	27	37	0	0	27	37	28	0.964
Bright Fish								

June	40	73	0	0	40	73	110	0.364
July	110	200	0	0	110	200	500	0.220
August	80	109	0	0	80	109	236	0.339
September	50	91	0	0	50	91	135	0.370
Total	280	473	0	0	280	473	981	0.285
HAMMOND 133a								
Kelts								

May	3	12	0	0	3	12	10	0.300
Bright Fish								

June	2	7	0	0	2	7	15	0.133
July	0	0	0	0	0	0	10	0.000
August	0	0	0	0	0	0	15	0.000
September	5	20	0	0	5	20	20	0.250
October	10	40	0	0	10	40	60	0.167
Total	17	67	0	0	17	67	120	0.142

¹ Data were unavailable for 1987. These numbers are 10 year (1977-86) means.

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
JACQUET 6								
Kelts								

May	15	20	0	0	15	20	120	0.125
Bright Fish								

July	10	15	0	0	10	15	60	0.167
August	10	15	0	0	10	15	30	0.333
September	20	30	0	0	20	30	60	0.333
October	5	8	0	0	5	8	15	0.333
Total	45	68	0	0	45	68	165	0.273
KEDGWICK 1								
Bright Fish								

June	17	30	0	0	17	30	290	0.059
July	347	566	0	0	347	566	415	0.836
August	211	383	0	0	211	383	442	0.477
Total	575	979	0	0	575	979	1147	0.501
KENNEBECASIS 134								
Kelts								

April	8	13	0	0	8	13	105	0.076
May	30	78	0	0	30	78	364	0.082
Total	38	91	0	0	38	91	469	0.081
Bright Fish								

June	45	93	0	0	45	93	250	0.180
July	16	33	0	0	16	33	600	0.027
August	18	36	0	0	18	36	210	0.086
September	30	68	0	0	30	68	198	0.152
October	20	45	0	0	20	45	185	0.108
Total	129	275	0	0	129	275	1443	0.089

Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		

LITTLE SALMON 83a

Bright Fish

August	2	4	0	0	2	4	30	0.067
September	2	4	0	0	2	4	30	0.067
October	3	7	0	0	3	7	31	0.097
Total	7	15	0	0	7	15	91	0.077

LITTLE SOUTHWEST MIRAMICHI 150

Kelts

April	120	136	0	0	120	136	85	1.412
May	95	108	0	0	95	108	281	0.338
Total	215	244	0	0	215	244	366	0.587

Bright Fish

June	69	114	0	0	69	114	292	0.236
July	115	156	0	0	115	156	362	0.318
August	210	286	0	0	210	286	369	0.569
September	90	122	0	0	90	122	194	0.464
Total	484	678	0	0	484	678	1217	0.398

MAGAGUADAVIC 138 ¹

Bright Fish

June	0	0	0	0	0	0	3	0.000
July	3	6	0	0	3	6	46	0.065
August	10	18	0	0	10	18	100	0.100
September	8	15	0	0	8	15	79	0.101
October	2	4	0	0	2	4	22	0.091
Total	23	43	0	0	23	43	250	0.092

MIDDLE (Gloucester) 9

Kelts

April	10	23	0	0	10	23	50	0.200
May	20	36	0	0	20	36	65	0.308
Total	30	59	0	0	30	59	115	0.261

Bright Fish

July	10	18	0	0	10	18	35	0.286
August	5	9	0	0	5	9	80	0.063
September	20	36	0	0	20	36	100	0.200
October	15	27	0	0	15	27	80	0.188
Total	50	90	0	0	50	90	295	0.169

¹ Data were unavailable for 1987. These numbers are 10 year (1977-86) means.

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
MIDGELL 41								
Bright Fish -----								
July	0	0	0	0	0	0	8	0.000
August	0	0	0	0	0	0	30	0.000
September	0	0	0	0	0	0	63	0.000
October	0	0	0	0	0	0	20	0.000
Total	0	0	0	0	0	0	121	0.000
MORELL 40								
Bright Fish -----								
July	308	1232	0	0	308	1232	1034	0.298
August	124	496	0	0	124	496	310	0.400
September	44	176	0	0	44	176	780	0.056
October	15	60	0	0	15	60	120	0.125
Total	491	1964	0	0	491	1964	2244	0.219
NASHWAAK 144								
Kelts -----								
April	35	80	0	0	35	80	225	0.156
May	100	227	0	0	100	227	250	0.400
Total	135	307	0	0	135	307	475	0.284
Bright Fish -----								
June	25	45	0	0	25	45	275	0.091
July	125	227	0	0	125	227	1200	0.104
August	75	136	0	0	75	136	350	0.214
September	300	544	0	0	300	544	850	0.353
October	225	408	0	0	225	408	750	0.300
Total	750	1360	0	0	750	1360	3425	0.219
NEPISIGUIT 11								
Bright Fish -----								
June	70	105	0	0	70	105	500	0.140
July	50	90	0	0	50	90	250	0.200
August	100	200	0	0	100	200	800	0.125
September	505	1000	0	0	505	1000	2200	0.230
October	75	150	0	0	75	150	500	0.150
Total	800	1545	0	0	800	1545	4250	0.188

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
NEREPIS 135a								
Kelts								

April	8	22	0	0	8	22	40	0.200
NORTHWEST MIRAMICHI 152								
Kelts								

April	260	236	0	0	260	236	70	3.714
May	173	161	0	0	173	161	320	0.541
Total	433	397	0	0	433	397	390	1.110
Bright Fish								

June	72	114	0	0	72	114	825	0.087
July	382	606	0	0	382	606	756	0.505
August	126	171	0	0	126	171	825	0.153
September	700	953	0	0	700	953	567	1.235
Total	1280	1844	0	0	1280	1844	2973	0.431
PATAPEDIA 2a								
Bright Fish								

June	7	13	0	0	7	13	36	0.194
July	60	106	0	0	60	106	80	0.750
August	40	74	0	0	40	74	46	0.870
Total	107	193	0	0	107	193	162	0.660
PETITCODIAC 130								
Bright Fish								

September	0	0	0	0	0	0	30	0.000
October	0	0	0	0	0	0	30	0.000
Total	0	0	0	0	0	0	60	0.000

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
RENOUS 149								
Kelts								

April	105	143	0	0	105	143	79	1.329
May	25	34	0	0	25	34	40	0.625
Total	130	177	0	0	130	177	119	1.092
Bright Fish								

June	300	544	0	0	300	544	1050	0.286
July	320	572	0	0	320	572	1560	0.205
August	289	524	0	0	289	524	1220	0.237
September	450	816	0	0	450	816	1630	0.276
Total	1359	2456	0	0	1359	2456	5460	0.249
RESTIGOUCHE 2								
Bright Fish								

June	101	182	0	0	101	182	2012	0.050
July	1738	2974	0	0	1738	2974	2883	0.603
August	1074	1886	0	0	1074	1886	1992	0.539
Total	2913	5042	0	0	2913	5042	6887	0.423
SAINT CROIX (CHARLOTTE) 140								
Bright Fish								

July	2	4	0	0	2	4	84	0.024
August	1	2	0	0	1	2	42	0.024
September	2	4	0	0	2	4	84	0.024
Total	5	10	0	0	5	10	210	0.024
SAINT JOHN 135								
Bright Fish								

June	20	36	0	0	20	36	600	0.033
July	478	860	0	0	478	860	3581	0.133
August	143	257	0	0	143	257	1300	0.110
September	100	180	0	0	100	180	454	0.220
October	15	27	0	0	15	27	80	0.188
Total	756	1360	0	0	756	1360	6015	0.126

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
SALMON (VICTORIA CO.) 154								
Bright Fish								

July	20	36	0	0	20	36	80	0.250
August	30	54	0	0	30	54	400	0.075
September	80	144	0	0	80	144	500	0.160
October	20	36	0	0	20	36	40	0.500
Total	150	270	0	0	150	270	1020	0.147
SEVOGLE 151								
Kelts								

May	10	9	0	0	10	9	14	0.714
Bright Fish								

June	34	46	0	0	34	46	302	0.113
July	132	180	0	0	132	180	295	0.447
August	285	388	0	0	285	388	394	0.723
September	400	544	0	0	400	544	397	1.008
Total	851	1158	0	0	851	1158	1388	0.613
SOUTHWEST MIRAMICHI 20								
Kelts								

April	1695	2118	0	0	1695	2118	2287	0.741
May	341	451	0	0	341	451	2496	0.137
Total	2036	2569	0	0	2036	2569	4783	0.426
Bright Fish								

June	674	1223	0	0	674	1223	2299	0.293
July	2351	4265	0	0	2351	4265	8049	0.292
August	1734	3146	0	0	1734	3146	5868	0.296
September	1725	3130	0	0	1725	3130	4793	0.360
Total	6484	11764	0	0	6484	11764	21009	0.309

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
TABUSINTAC 18								
Kelts								

April	44	38	0	0	44	38	310	0.142
Bright Fish								

August	17	27	0	0	17	27	147	0.116
September	74	93	0	0	74	93	391	0.189
October	21	30	0	0	21	30	97	0.216
Total	112	150	0	0	112	150	635	0.176
TETAGOUCHE 8								
Kelts								

April	5	9	0	0	5	9	25	0.200
May	10	18	0	0	10	18	45	0.222
Total	15	27	0	0	15	27	70	0.214
Bright Fish								

July	10	18	0	0	10	18	35	0.286
August	15	27	0	0	15	27	100	0.150
September	25	45	0	0	25	45	100	0.250
October	15	27	0	0	15	27	80	0.188
Total	65	117	0	0	65	117	315	0.206
TOBIQUE 153								
Bright Fish								

June	6	9	0	0	6	9	207	0.029
July	302	456	0	0	302	456	3117	0.097
August	671	1216	0	0	671	1216	3719	0.180
September	218	395	0	0	218	395	1617	0.135
Total	1197	2076	0	0	1197	2076	8660	0.138

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
TRACADIE 17								
Kelts								

April	2	4	0	0	2	4	15	0.133
May	4	7	0	0	4	7	30	0.133
Total	6	11	0	0	6	11	45	0.133
Bright Fish								

July	3	5	0	0	3	5	31	0.097
August	3	5	0	0	3	5	31	0.097
September	3	5	0	0	3	5	30	0.100
October	3	5	0	0	3	5	31	0.097
Total	12	20	0	0	12	20	123	0.098
UPSALQUITCH 3								
Bright Fish								

June	60	109	0	0	60	109	262	0.229
July	482	720	0	0	482	720	1027	0.469
August	277	415	0	0	277	415	646	0.429
Total	819	1244	0	0	819	1244	1935	0.423

TABLE 13. Sport catch by river system for New Brunswick and Prince Edward Island.

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
Miramichi River System								
Kelts								

April	2244	2720	0	0	2244	2720	2577	0.871
May	652	774	0	0	652	774	3163	0.206
Total	2896	3494	0	0	2896	3494	5740	0.505
Bright Fish								

June	1189	2114	0	0	1189	2114	4878	0.244
July	3441	6035	0	0	3441	6035	11658	0.295
August	2770	4707	0	0	2770	4707	9109	0.304
September	3605	5955	0	0	3605	5955	8246	0.437
October	358	581	0	0	358	581	1438	0.249
Total	11363	19392	0	0	11363	19392	35329	0.322
Restigouche River System								
Bright Fish								

June	178	321	0	0	178	321	2564	0.069
July	2567	4260	0	0	2567	4260	4325	0.594
August	1562	2684	0	0	1562	2684	3080	0.507
Total	4307	7265	0	0	4307	7265	9969	0.432
Saint John River System								
Kelts								

April	51	115	0	0	51	115	370	0.138
May	133	317	0	0	133	317	624	0.213
Total	184	432	0	0	184	432	994	0.185
Bright Fish								

June	98	190	0	0	98	190	1350	0.073
July	949	1628	0	0	949	1628	8734	0.109
August	952	1726	0	0	952	1726	6160	0.155
September	743	1370	0	0	743	1370	3802	0.195
October	1489	2636	0	0	1489	2636	9797	0.152
Total	4231	7550	0	0	4231	7550	29843	0.142

TABLE 14. Sport catch by statistical district for New Brunswick and Prince Edward Island.

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
District 48								
Bright Fish								

June	20	36	0	0	20	36	600	0.000
July	480	862	0	0	480	862	3583	0.134
August	154	306	0	0	154	306	1420	0.108
September	112	234	0	0	112	234	564	0.199
October	28	84	0	0	28	84	171	0.164
Total	794	1522	0	0	794	1522	6338	0.125
District 52								
Bright Fish								

June	0	0	0	0	0	0	3	0.000
July	8	16	0	0	8	16	146	0.055
August	15	27	0	0	15	27	166	0.090
September	10	19	0	0	10	19	163	0.061
October	2	4	0	0	2	4	22	0.091
Total	35	66	0	0	35	66	500	0.070
District 55								
Kelts								

April	16	35	0	0	16	35	145	0.110
May	33	90	0	0	33	90	374	0.088
Total	49	125	0	0	49	125	519	0.094
Bright Fish								

June	47	100	0	0	47	100	265	0.177
July	16	33	0	0	16	33	610	0.026
August	18	36	0	0	18	36	225	0.080
September	35	88	0	0	35	88	218	0.161
October	30	85	0	0	30	85	245	0.122
Total	146	342	0	0	146	342	1563	0.093

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
District 58								
Kelts								

April	35	80	0	0	35	80	225	0.156
May	100	227	0	0	100	227	250	0.400
Total	135	307	0	0	135	307	475	0.284
Bright Fish								

June	25	45	0	0	25	45	275	0.091
July	125	227	0	0	125	227	1200	0.104
August	75	136	0	0	75	136	350	0.214
September	300	544	0	0	300	544	850	0.353
October	225	408	0	0	225	408	750	0.300
Total	750	1360	0	0	750	1360	3425	0.219
District 60								
Bright Fish								

June	6	9	0	0	6	9	207	0.029
July	322	492	0	0	322	492	3197	0.101
August	725	1270	0	0	725	1270	4119	0.176
September	298	539	0	0	298	539	2117	0.141
October	20	36	0	0	20	36	40	0.500
Total	1371	2346	0	0	1371	2346	9680	0.142
District 63								
Kelts								

May	15	20	0	0	15	20	120	0.125
Bright Fish								

June	185	334	0	0	185	334	2600	0.071
July	2637	4381	0	0	2637	4381	4465	0.591
August	1612	2773	0	0	1612	2773	3156	0.511
September	20	30	0	0	20	30	60	0.333
October	5	8	0	0	5	8	15	0.333
Total	4459	7526	0	0	4459	7526	10296	0.433

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
District 64								
Kelts								

April	15	32	0	0	15	32	75	0.200
May	30	54	0	0	30	54	110	0.273
Total	45	86	0	0	45	86	185	0.243
Bright Fish								

June	70	105	0	0	70	105	500	0.140
July	70	126	0	0	70	126	320	0.219
August	120	236	0	0	120	236	980	0.122
September	550	1081	0	0	550	1081	2400	0.229
October	105	204	0	0	105	204	660	0.159
Total	915	1752	0	0	915	1752	4860	0.188
District 68								
Kelts								

April	2	4	0	0	2	4	15	0.133
May	4	7	0	0	4	7	30	0.133
Total	6	11	0	0	6	11	45	0.133
Bright Fish								

July	3	5	0	0	3	5	31	0.097
August	3	5	0	0	3	5	31	0.097
September	3	5	0	0	3	5	30	0.100
October	3	5	0	0	3	5	31	0.097
Total	12	20	0	0	12	20	123	0.098
District 70								
Kelts								

April	44	38	0	0	44	38	310	0.142
Bright Fish								

August	17	27	0	0	17	27	147	0.116
September	74	93	0	0	74	93	391	0.189
October	21	30	0	0	21	30	97	0.216
Total	112	150	0	0	112	150	635	0.176

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
District 71								
Kelts								

April	43	59	0	0	43	59	280	0.154
May	26	35	0	0	26	35	140	0.186
Bright Fish								

September	30	41	0	0	30	41	120	0.250
October	300	408	0	0	300	408	500	0.600
Total	330	449	0	0	330	449	620	0.532
District 72								
Kelts								

April	2244	2720	0	0	2244	2720	2577	0.871
May	652	774	0	0	652	774	3163	0.206
Total	2896	3494	0	0	2896	3494	5740	0.505
Bright Fish								

June	1189	2114	0	0	1189	2114	4878	0.244
July	3441	6035	0	0	3441	6035	11658	0.295
August	2770	4707	0	0	2770	4707	9109	0.304
September	3605	5955	0	0	3605	5955	8246	0.437
October	358	581	0	0	358	581	1438	0.249
Total	11363	19392	0	0	11363	19392	35329	0.322
District 81								
Bright Fish								

September	0	0	0	0	0	0	62	0.000
October	0	0	0	0	0	0	60	0.000
Total	0	0	0	0	0	0	122	0.000
District 88								
Bright Fish								

July	308	1232	0	0	308	1232	1042	0.298
August	124	496	0	0	124	496	340	0.400
September	44	176	0	0	44	176	843	0.056
October	15	60	0	0	15	60	140	0.125
Total	491	1964	0	0	491	1964	2365	0.219

TABLE 15. Sport catch by county for New Brunswick and Prince Edward Island.

	Grilse		Large salmon		Total		Effort	Catch/effort
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)	(rod-days)	(fish/rod-day)
Albert Co. N.B.								
Bright Fish								

September	0	0	0	0	0	0	32	0.000
October	0	0	0	0	0	0	30	0.000
Total	0	0	0	0	0	0	62	0.000
Carleton Co. N.B.								
Kelts								

April	5	6	0	0	5	6	11	0.455
May	1	1	0	0	1	1	12	0.083
Total	6	7	0	0	6	7	23	0.261
Bright Fish								

June	31	56	0	0	31	56	171	0.181
July	107	194	0	0	107	194	599	0.179
August	79	143	0	0	79	143	437	0.181
September	79	143	0	0	79	143	357	0.221
Total	296	536	0	0	296	536	1564	0.189
Charlotte Co. N.B.								
Bright Fish								

June	0	0	0	0	0	0	3	0.000
July	8	16	0	0	8	16	146	0.055
August	15	27	0	0	15	27	166	0.090
September	10	19	0	0	10	19	163	0.061
October	2	4	0	0	2	4	22	0.091
Total	35	66	0	0	35	66	500	0.070
Gloucester Co. N.B.								
Kelts								

April	17	36	0	0	17	36	90	0.189
May	34	61	0	0	34	61	140	0.243
Total	51	97	0	0	51	97	230	0.222
Bright Fish								

June	70	105	0	0	70	105	500	0.140
July	73	131	0	0	73	131	351	0.20
August	123	241	0	0	123	241	1011	0.12
September	553	1086	0	0	553	1086	2430	0.228
October	108	209	0	0	108	209	691	0.156
Total	927	1772	0	0	927	1772	4983	0.186

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
Kings Co. N.B.								
Kelts								

April	16	35	0	0	16	35	145	0.110
May	33	90	0	0	33	90	374	0.088
Total	49	125	0	0	49	125	519	0.094
Bright Fish								

June	47	100	0	0	47	100	265	0.177
July	16	33	0	0	16	33	610	0.026
August	18	36	0	0	18	36	225	0.080
September	35	88	0	0	35	88	218	0.161
October	30	85	0	0	30	85	245	0.122
Total	146	342	0	0	146	342	1563	0.093
Northumberland Co. N.B.								
Kelts								

April	2263	2732	0	0	2263	2732	3007	0.753
May	664	792	0	0	664	792	3128	0.212
Total	2927	3524	0	0	2927	3524	6135	0.477
Bright Fish								

June	953	1686	0	0	953	1686	4165	0.229
July	2618	4542	0	0	2618	4542	9163	0.286
August	2180	3633	0	0	2180	3633	7437	0.293
September	3105	4993	0	0	3105	4993	7271	0.427
October	679	1019	0	0	679	1019	2035	0.334
Total	9535	15873	0	0	9535	15873	30071	0.317
Restigouche Co. N.B.								
Kelts								

May	15	20	0	0	15	20	120	0.125
Bright Fish								

June	185	334	0	0	185	334	2600	0.071
July	2637	4381	0	0	2637	4381	4465	0.591
August	1612	2773	0	0	1612	2773	3156	0.511
September	20	30	0	0	20	30	60	0.333
October	5	8	0	0	5	8	15	0.333
Total	4459	7526	0	0	4459	7526	10296	0.433

Grilse		Large salmon		Total		Effort	Catch/effort
Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)	(rod-days)	(fish/rod-day)

Saint John Co. N.B.

Bright Fish

June	0	0	0	0	0	30	0.000
July	2	10	0	0	2	60	0.033
August	11	49	0	0	11	120	0.092
September	12	54	0	0	12	110	0.109
October	13	57	0	0	13	91	0.143
Total	38	170	0	0	38	411	0.092

Victoria Co. N.B.

Bright Fish

June	6	9	0	0	6	9	207	0.029
July	322	492	0	0	322	492	3197	0.101
August	701	1270	0	0	701	1270	4119	0.170
September	298	539	0	0	298	539	2117	0.141
October	20	36	0	0	20	36	40	0.500
Total	1347	2346	0	0	1347	2346	9680	0.139

Westmorland Co. N.B.

Bright Fish

September	0	0	0	0	0	0	30	0.000
October	0	0	0	0	0	0	30	0.000
Total	0	0	0	0	0	0	60	0.000

York Co. N.B.

Kelts

April	98	159	0	0	98	159	374	0.262
May	113	243	0	0	113	243	413	0.274
Total	211	402	0	0	211	402	787	0.268

Bright Fish

June	250	453	0	0	250	453	1417	0.176
July	1319	2386	0	0	1319	2386	6677	0.198
August	746	1351	0	0	746	1351	3032	0.246
September	925	1677	0	0	925	1677	2433	0.380
October	240	435	0	0	240	435	830	0.289
Total	3480	6302	0	0	3480	6302	14389	0.242

Grilse		Large salmon		Total		Effort	Catch/effort
Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)	(rod-days)	(fish/rod-day)

Kings Co. P.E.I.

Bright Fish

July	308	1232	0	0	308	1232	1042	0.298
August	124	496	0	0	124	496	340	0.400
September	44	176	0	0	44	176	843	0.056
October	15	60	0	0	15	60	140	0.125
Total	491	1964	0	0	491	1964	2365	0.219

TABLE 16. Sport catch by salmon fishing area for New Brunswick and Prince Edward Island.

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
Salmon fishing area 15								
Kelts								

April	17	36	0	0	17	36	90	0.189
May	49	81	0	0	49	81	260	0.188
Total	66	117	0	0	66	117	350	0.189
Bright Fish								

June	185	334	0	0	185	334	2600	0.071
July	2660	4422	0	0	2660	4422	4566	0.583
August	1635	2814	0	0	1635	2814	3367	0.486
September	68	116	0	0	68	116	290	0.234
October	38	67	0	0	38	67	206	0.184
Total	4586	7753	0	0	4586	7753	11029	0.416
Salmon fishing area 16								
Kelts								

April	2331	2817	0	0	2331	2817	3167	0.753
May	678	809	0	0	678	809	3303	0.212
Total	3009	3626	0	0	3009	3626	6470	0.477
Bright Fish								

June	1189	2114	0	0	1189	2114	4878	0.229
July	3441	6035	0	0	3441	6035	11658	0.286
August	2787	4734	0	0	2787	4734	9256	0.293
September	3709	6089	0	0	3709	6089	8757	0.427
October	679	1019	0	0	679	1019	2035	0.334
Total	11805	19991	0	0	11805	19991	36584	0.317
Salmon fishing area 23								
Kelts								

April	51	130	0	0	51	130	370	0.138
May	133	411	0	0	133	411	624	0.213
Total	184	541	0	0	184	541	994	0.185
Bright Fish								

June	168	407	0	0	168	407	1850	0.091
July	999	1757	0	0	999	1757	8984	0.111
August	1063	2024	0	0	1063	2024	7080	0.150
September	1260	2511	0	0	1260	2511	6174	0.204
October	380	830	0	0	380	830	1788	0.213
Total	3870	7529	0	0	3870	7529	25876	0.150

Grilse		Large salmon		Total		Effort	Catch/effort
Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)	(rod-days)	(fish/rod-day)

Salmon fishing area 17

Bright Fish

July	308	1232	0	0	308	1232	1042	0.298
August	124	496	0	0	124	496	340	0.400
September	44	176	0	0	44	176	843	0.056
October	15	60	0	0	15	60	140	0.125
Total	491	1964	0	0	491	1964	2365	0.219

TABLE 17. Sport catch by province for New Brunswick and Prince Edward Island.

	Grilse		Large salmon		Total		Effort (rod-days)	Catch/effort (fish/rod-day)
	Number	Wt (kg)	Number	Wt (kg)	Number	Wt (kg)		
New Brunswick								
Kelts								

April	2399	2983	0	0	2399	2983	3627	0.661
May	860	1301	0	0	860	1301	4187	0.205
Total	3259	4284	0	0	3259	4284	7814	0.417
Bright Fish								

June	1542	2855	0	0	1542	2855	9328	0.165
July	7100	12214	0	0	7100	12214	25208	0.282
August	5485	9572	0	0	5485	9572	19703	0.278
September	5037	8716	0	0	5037	8716	15221	0.331
October	1097	1916	0	0	1097	1916	4029	0.272
Total	20261	35273	0	0	20261	35273	73489	0.276
Prince Edward Island								
Bright Fish								

July	308	1232	0	0	308	1232	1042	0.298
August	124	496	0	0	124	496	340	0.400
September	44	176	0	0	44	176	843	0.056
October	15	60	0	0	15	60	140	0.125
Total	491	1964	0	0	491	1964	2365	0.219

NOVA SCOTIA

Table 18. 1987 Nova Scotia Atlantic salmon recreational catch summary data.

Number of licenses issued in 1987	7,188
Number of license stubs returned	6,698
Overall response rate	93.2%
Number of unspoiled stubs used in analysis	6,663

Number of	Observed number	Percent observed	Estimated number
resident anglers	5,916	89	6,253 ^{1,2}
non-resident anglers	747	11	935 ¹
anglers who fished	5,443	82	5,872
anglers who did not fish	1,220	18	1,315
successful anglers	2,875	43	3,101
unsuccessful anglers	2,568	39	2,770
rod-days fished in season	65,424		69,310
rod-days fished by successful anglers	48,248		
rod-days fished by unsuccessful anglers	17,176		
rod-days per angler ³	12.02		12.73
rivers fished per angler ³	1.61		
fish retained	7,947		8,330
grilse retained	7,947		8,330
large salmon retained	0		0
fish released	7,091		7,534
grilse released	1,215		1,286
large salmon released	5,876		6,248
fish angled (retained + released)	15,038		15,854
fish per rod-day	0.230		0.229
fish per angler ³	2.76		2.70
fish per licensee	2.09		2.21

1 Actual number, not estimated.

2 Includes 11 second-issue resident licenses.

3 Angler refers to a licensee who fished; note that 18% of licensees did not fish.

TABLE 19. Catch by river.

Code	River Name	Season dates		Observed No. of anglers	Numbers retained										Numbers released				
		Begin	End		Grilse			Salmon			Unknown	Totals		Grilse		Salmon			
					Obs.	Estimated	kg	Obs.	Estimated	kg	Obs.	Obs.	Estimated	Obs.	Est.	Obs.	Est.		
		D	M		D	M	No.	No.	kg	No.	No.	kg	No.	No.	No.	kg	Obs.	Est.	Obs.
1	Aconi Brook	15/06	15/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Annapolis	16/05	14/08 *	8	4	4	7	0	0	0	0	4	4	7	0	0	2	2	
3	Apple	15/08	31/10	11	3	3	4	0	0	0	0	3	3	4	0	0	0	0	
4	Baddeck	15/06	15/10	90	26	26	47	0	0	0	0	26	26	47	14	14	126	126	
5	Barachois	15/06	15/10	17	11	12	20	0	0	0	0	11	12	20	6	6	37	39	
6	Barney's	1/09	31/10	0															
7	Barrington	10/05	15/08	0															
8	Bass	15/08	31/10	0															
9	Bear	15/08	31/10	0															
10	Broad	10/05	15/08	0															
11	Catalone	15/06	15/10	91	79	82	135	0	0	0	0	79	82	135	10	10	46	47	
12	Cheticamp	16/05	30/09 *	37	5	5	7	0	0	0	0	5	5	7	2	2	59	60	
13	Chezzevcook	1/06	29/08	0															
14	Chignais	15/08	31/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	Clam Harbour	1/06	29/08	0															
124	Clayburne	15/06	15/10	8	4	4	6	0	0	0	0	4	4	6	0	0	15	16	
16	Clude	10/05	15/10 *	65	83	87	156	0	0	0	0	83	87	156	32	34	3	3	
17	Cole Harbour	1/06	29/08	0															
18	Cornwallis	15/08	31/10	20	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
19	Country Harbour	24/06	22/09	33	36	40	65	0	0	0	0	36	40	65	5	6	6	7	
20	Debert	15/08	31/10	27	1	1	1	0	0	0	0	1	1	1	0	0	1	1	
21	Diligent	15/08	31/10	0															
118	East Colchester	15/08	31/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	East Lunenburg Co.	10/05	15/08	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
23	East Pictou Co.	1/09	31/10	202	61	63	101	0	0	0	0	61	63	101	19	20	377	389	
24	East Sheet Harbour	1/06	29/08 *	38	81	87	151	0	0	0	0	81	87	151	4	4	18	19	
25	Economy	15/08	31/10	34	1	1	2	0	0	0	0	1	1	2	1	1	4	4	
26	Ecum Secum	1/06	29/08 *	59	72	77	129	0	0	0	0	72	77	129	13	14	20	22	
27	Folly	15/08	31/10	24	4	4	7	0	0	0	0	4	4	7	0	0	0	0	
28	Framboise	15/06	15/10	78	70	72	127	0	0	0	0	70	72	127	6	6	41	42	
29	French	1/09	31/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
32	Gaspereau: Brook	1/06	29/08	6	5	5	8	0	0	0	0	5	5	8	1	1	1	1	
30	Gaspereau: C. Breton	15/06	15/10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	Gaspereau: Kings Co.	16/05	14/08 *	48	30	34	57	0	0	0	0	30	34	57	0	0	18	20	
33	Gegogan	1/06	29/08	0															
34	Gerratt	15/06	15/10	6	3	3	5	0	0	0	0	3	3	5	4	4	0	0	
35	Gold	1/06	15/08 *	283	270	284	477	0	0	0	0	270	284	477	20	21	79	83	
36	Grand	15/06	15/10 *	262	280	308	524	0	0	0	0	280	308	524	31	34	97	107	
37	Great Village	15/08	31/10	5	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
38	Guysborough	24/06	22/09	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40	Halfway Brook	1/06	29/08	0															
39	Harrington	15/08	31/10	0															
41	Indian Brook	15/06	15/10	11	4	4	6	0	0	0	0	4	4	6	2	2	24	26	
42	Ingonish	15/06	15/10	6	5	5	0	0	0	0	0	5	5	0	4	4	26	28	
43	Ingram	1/06	15/08	7	0	0	0	0	0	0	0	0	0	0	4	4	2	2	
44	Inhabitants	15/06	31/10 *	36	39	41	72	0	0	0	0	39	41	72	1	1	146	156	

* See variation order.

Code	River Name	Season dates		Observed No. of anglers	Numbers retained												Numbers released			
		Begin End			Grilse			Salmon			Unknown	Totals		Grilse		Salmon				
		D	M D M		Obs.	Estimated	kg	Obs.	Estimated	kg	Obs.	Obs.	Estimated	Obs.	Est.	Obs.	Est.			
		No.	No.		kg	No.	No.	kg	No.	No.	No.	No.	No.	kg	Obs.	Est.	Obs.	Est.		
45	Isaac's Harbour	1/06	29/08	11	29	31	49	0	0	0	0	29	31	49	1	1	0	0		
46	Jordan	10/05	15/08	0																
47	Kennetcook	15/08	31/10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
48	Kirby	1/06	29/08 *	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
49	LaHave	1/06	15/08 *	1277	2427	2562	4647	0	0	0	0	2427	2562	4647	361	381	440	464		
50	Larry's	1/06	29/08	0																
51	Lawrencetown Lake	1/06	29/08	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
52	Lequille	15/08	31/10	0																
53	Liscomb	1/06	30/09 *	191	248	253	419	0	0	0	0	248	253	419	35	36	26	27		
54	Little Bass	15/08	31/10	0																
127	Little Lorraine	15/06	15/10	0																
55	Little Salmon	1/06	29/08	0																
56	Lorraine Brook	15/06	15/10	15	27	29	47	0	0	0	0	27	29	47	1	1	6	6		
119	Mabou	1/09	31/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
58	Maccan	15/08	31/10	67	12	12	19	0	0	0	0	12	12	19	0	0	4	5		
59	Margaree	1/06	15/10 *	1441	782	826	1414	0	0	0	0	782	826	1414	143	151	1757	1857		
60	Marie Joseph	15/06	15/10	12	11	12	22	0	0	0	0	11	12	22	3	4	2	2		
57	Martins	10/05	15/08	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
61	Meander (Avon)	15/08	31/10	0																
62	Mersey	10/05	31/07 *	459	795	826	1532	0	0	0	0	795	826	1532	42	44	133	138		
63	Mersey	10/05	15/08 *	88	62	64	117	0	0	0	0	62	64	117	12	13	6	6		
64	Middle: Lunenburg Co	10/05	15/08	6	1	1	2	0	0	0	0	1	1	2	2	2	0	0		
65	Middle: Pictou Co.	1/09	31/10	1	0	0	0	0	0	0	0	0	0	0	0	0	3	3		
66	Middle: Victoria Co.	15/06	15/10	114	51	53	85	0	0	0	0	51	53	85	4	4	111	117		
67	Mira	15/06	15/10	14	3	3	4	0	0	0	0	3	3	4	1	1	2	2		
68	Moser	1/06	29/08 *	113	153	160	280	0	0	0	0	153	160	280	22	23	11	11		
69	Mushamush	1/06	15/08 *	33	56	58	104	0	0	0	0	56	58	104	5	5	10	10		
70	Musquodoboit	1/06	29/08 *	394	171	184	324	0	0	0	0	171	184	324	106	114	175	189		
71	Nappan	15/08	31/10	0																
72	Necum Teuch	1/06	29/08	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0		
73	New Harbour	1/06	29/08	23	17	18	32	0	0	0	0	17	18	32	0	0	0	0		
74	Nictaux	15/08	31/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
75	Nine Mile	10/05	15/08	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
76	North : Colchester	15/08	31/10	49	14	14	22	0	0	0	0	14	14	22	0	0	4	4		
77	North : Victoria Co	1/06	30/09 *	263	171	177	271	0	0	0	0	171	177	271	48	49	529	546		
78	North Aspy	15/06	15/10	12	3	3	5	0	0	0	0	3	3	5	1	1	34	39		
120	Northwest Brook (Riv	15/06	15/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
79	Paradise Brook	15/08	31/10	0																
80	Petite Riviere	1/06	31/07 *	65	81	85	154	0	0	0	0	81	85	154	8	8	13	14		
81	Pomquet	1/09	31/10	5	3	3	4	0	0	0	0	3	3	4	2	2	3	3		
83	Port Dufferin	1/06	29/08	21	36	36	64	0	0	0	0	36	36	64	5	5	7	7		
82	Portapique	15/08	31/10	9	1	1	2	0	0	0	0	1	1	2	2	2	0	0		
84	Puowash	1/09	31/10	0																
85	Quoddy	1/06	29/08	5	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
121	Ramshead (Ramsey)	15/08	31/10	0																
129	River Bennett	15/06	15/10	0																
122	River Denu's	15/06	15/10	0																
86	River Hebert	15/08	31/10	32	4	4	6	0	0	0	0	4	4	6	0	0	2	2		
87	River John	1/09	31/10	47	21	21	36	0	0	0	0	21	21	36	3	3	69	71		

* See variation order.

Code	River Name	Season dates				Observed No. of anglers	Numbers retained										Numbers released			
		Begin		End			Grilse			Salmon			Unknown		Totals		Grilse		Salmon	
		D	M	D	M		Obs.	Estimated	kg	Obs.	Estimated	kg	Obs.	Obs.	Estimated	Obs.	Est.	Obs.	Est.	
		No.	No.	No.	No.		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
88	River Philip	1/09	31/10		160	62	66	108	0	0	0	0	62	66	108	9	10	317	337	
89	River Tillard	15/06	15/10		26	22	25	39	0	0	0	0	22	25	39	6	7	51	59	
90	Rocky Run Porters L.	1/06	29/08		0															
91	Roseau	10/05	15/08		0															
92	Round Hill	15/08	31/10		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
131	Sackville	1/06	29/08		3	2	2	3	0	0	0	0	2	2	3	0	0	0	0	
95	Saint Croix	15/08	31/10		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
93	Saint Esprit	15/06	15/10		4	1	1	1	0	0	0	0	1	1	1	0	0	1	1	
94	Saint Francis	24/06	22/09		0															
96	Saint Mary's	18/05	29/08	*	693	491	524	899	0	0	0	0	491	524	899	82	88	301	321	
97	Salmon: Cape Breton	15/06	15/10		72	30	30	53	0	0	0	0	30	30	53	1	1	20	20	
98	Salmon: Colchester	15/08	31/10		47	12	15	25	0	0	0	0	12	15	25	2	3	15	19	
99	Salmon: Digby Co.	1/06	15/08		59	69	70	136	0	0	0	0	69	70	136	9	9	10	10	
100	Salmon: Guysborough	24/06	22/09		106	159	167	291	0	0	0	0	159	167	291	5	5	49	52	
101	Salmon: Halifax Co.	1/06	29/08		5	0	0	0	0	0	0	0	0	0	0	4	4	0	0	
102	Shinimikas	1/09	31/10		2	0	0	0	0	0	0	0	0	0	0	2	2	1	1	
103	Ship Hbr. L. Charlotte	1/06	29/08		29	22	23	40	0	0	0	0	22	23	40	0	0	4	4	
104	Shubenacadie	15/08	31/10		100	45	48	86	0	0	0	0	45	48	86	6	6	33	36	
105	Sissiboo	10/05	15/08		0															
123	Skye	15/06	15/10		0															
106	South	1/09	31/10		9				0	0	0	0						1	1	
107	Stewiacke	1/08	31/10		617	105	114	195	0	0	0	0	105	114	195	32	35	199	215	
126	Sutherland	1/09	31/10		2	2	2	3	0	0	0	0	2	2	3	2	2	7	8	
125	Sudney	15/06	15/10		4	0	0	0	0	0	0	0	0	0	0	1	1	11	12	
108	Tangier	1/06	29/08		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
109	Taylor Bay Brook	1/06	29/08		0															
110	Three Fathom Harbour	1/06	29/08		0															
111	Tidnish	1/09	31/10		0															
130	Tracadie	1/09	31/10		1	1	1	1	0	0	0	0	1	1	1	0	0	1	1	
112	Tusket	1/06	15/08	*	162	333	358	674	0	0	0	0	333	358	674	34	36	64	69	
113	Wallace	1/09	31/10		79	9	9	17	0	0	0	0	9	9	17	2	2	48	50	
114	Waugh	1/09	31/10		23	0	0	0	0	0	0	0	0	0	0	0	0	7	7	
117	West Sheet Harbour	1/06	29/08	*	94	157	166	283	0	0	0	0	157	166	283	4	4	24	26	
115	West: Antigonish Co.	1/09	31/10		117	55	58	98	0	0	0	0	55	58	98	25	26	188	198	
116	West: Pictou Co.	1/09	31/10		45	14	15	22	0	0	0	0	14	15	22	0	0	25	26	
128	Wright	1/09	31/10		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Provincial totals:					8782	7947	8330	14677	0	0	0	0	7947	8330	14677	1215	1286	5876	6248	

* See variation order.

TABLE 20. Catch by statistical district.

District	Observed No. of anglers	Numbers retained									Numbers released				
		Grilse			Salmon			Unknown	Totals			Grilse		Salmon	
		Obs.	Estimated		Obs.	Estimated		Obs.	Obs.	Estimated		Obs.	Est.	Obs.	Est.
		No.	No.	kg	No.	No.	kg	No.	No.	No.	kg	Obs.	Est.	Obs.	Est.
1	26	12	12	19	0	0	0	0	12	12	19	5	6	75	83
2	1478	787	831	1422	0	0	0	0	787	831	1422	145	153	1816	1917
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	495	263	272	430	0	0	0	0	263	272	430	74	76	827	853
6	6	0	0	0	0	0	0	0	0	0	0	1	1	11	12
7	204	142	147	245	0	0	0	0	142	147	245	17	17	74	75
8	356	362	393	674	0	0	0	0	362	393	674	40	43	141	153
9	62	61	66	110	0	0	0	0	61	66	110	7	8	197	215
10	24	0	0	0	0	0	0	0	0	0	0	0	0	7	7
11	92	35	36	58	0	0	0	0	35	36	58	3	3	94	97
12	205	63	65	104	0	0	0	0	63	65	104	21	22	387	400
13	133	59	62	103	0	0	0	0	59	62	103	27	28	193	203
14	114	159	167	291	0	0	0	0	159	167	291	5	5	49	52
15	0														
16	34	46	49	82	0	0	0	0	46	49	82	1	1	0	0
17	982	852	899	1519	0	0	0	0	852	899	1519	136	145	354	378
18	0														
19	277	427	449	778	0	0	0	0	427	449	778	37	39	61	63
20	429	193	207	364	0	0	0	0	193	207	364	110	118	179	193
21	3	2	2	3	0	0	0	0	2	2	3	0	0	0	0
22	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	7	0	0	0	0	0	0	0	0	0	0	4	4	2	2
24	110	19	19	30	0	0	0	0	19	19	30	0	0	6	7
25	326	327	343	583	0	0	0	0	327	343	583	28	29	89	93
27	1342	2508	2647	4801	0	0	0	0	2508	2647	4801	369	389	453	478
28	547	857	890	1649	0	0	0	0	857	890	1649	54	56	139	145
30	0														
31	65	83	87	156	0	0	0	0	83	87	156	32	34	3	3
33	162	333	358	674	0	0	0	0	333	358	674	34	36	64	69
35	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	59	69	70	136	0	0	0	0	69	70	136	9	9	10	10
38	0														
39	9	4	4	7	0	0	0	0	4	4	7	0	0	2	2
41	68	30	34	57	0	0	0	0	30	34	57	0	0	20	22
42	724	150	162	281	0	0	0	0	150	162	281	38	41	232	251
43	197	33	36	59	0	0	0	0	33	36	59	5	6	25	29
44	0														
45	162	62	66	108	0	0	0	0	62	66	108	11	12	318	338
46	79	9	9	17	0	0	0	0	9	9	17	2	2	48	50
Provincial totals:	8782	7947	8330	14677	0	0	0	0	7947	8330	14677	1215	1286	5876	6248

TABLE 21. Catch by county.

County		Observed No. of anglers	Numbers retained										Numbers released			
			Grilse			Salmon			Unknown	Totals		Grilse		Salmon		
			Obs.	Estimated		Obs.	Estimated		Obs.	Obs.	Estimated	Obs.	Est.	Obs.	Est.	
			No.	No.	kg	No.	No.	kg	No.	No.	No.	kg	Obs.	Est.	Obs.	Est.
1	Annapolis	10	4	4	7	0	0	0	0	4	4	7	0	0	2	2
2	Antigonish	133	59	62	103	0	0	0	0	59	62	103	27	28	193	203
3	Cape Breton	210	142	147	245	0	0	0	0	142	147	245	18	18	85	87
4	Colchester	838	138	150	254	0	0	0	0	138	150	254	37	40	231	252
5	Cumberland	351	90	94	154	0	0	0	0	90	94	154	13	14	372	395
6	Digby	59	69	70	136	0	0	0	0	69	70	136	9	9	10	10
7	Guysborough	1130	1057	1115	1891	0	0	0	0	1057	1115	1891	142	151	403	430
8	Halifax	719	622	658	1145	0	0	0	0	622	658	1145	151	161	242	258
9	Hants	107	45	48	86	0	0	0	0	45	48	86	6	6	33	36
10	Inverness	1479	787	831	1422	0	0	0	0	787	831	1422	145	153	1816	1917
11	Kings	68	30	34	57	0	0	0	0	30	34	57	0	0	20	22
12	Lunenburg	1668	2835	2990	5382	0	0	0	0	2835	2990	5382	397	418	542	571
13	Pictou	297	98	101	162	0	0	0	0	98	101	162	24	25	481	497
14	Queens	547	857	890	1649	0	0	0	0	857	890	1649	54	56	139	145
15	Richmond	418	423	459	785	0	0	0	0	423	459	785	47	51	338	368
16	Shelburne	65	83	87	156	0	0	0	0	83	87	156	32	34	3	3
17	Victoria	521	275	284	449	0	0	0	0	275	284	449	79	82	902	935
18	Yarmouth	162	333	358	674	0	0	0	0	333	358	674	34	36	64	69
Provincial totals:		8782	7947	8330	14677	0	0	0	0	7947	8330	14677	1215	1286	5876	6248

TABLE 22. Catch by salmon fishing area.

Fishing Area		Observed No. of anglers	Numbers retained										Numbers released			
			Grilse			Salmon			Unknown	Totals		Grilse		Salmon		
			Obs.	Estimated		Obs.	Estimated		Obs.	Obs.	Estimated	Obs.	Est.	Obs.	Est.	
			No.	No.	kg	No.	No.	kg	No.	No.	No.	kg	Obs.	Est.	Obs.	Est.
19	Cape Breton East	1149	840	890	1481	0	0	0	0	840	890	1481	144	151	1325	1390
18	Gulf Shore Nova Scotia	2174	1015	1069	1813	0	0	0	0	1015	1069	1813	209	220	2863	3012
20	Eastern Shore	1839	1679	1773	3037	0	0	0	0	1679	1773	3037	289	308	643	686
22	Upper Bay of Fundy	1189	236	255	434	0	0	0	0	236	255	434	43	47	285	311
21	South West Nova Scotia	2511	4177	4395	7994	0	0	0	0	4177	4395	7994	530	558	760	799
Provincial totals:		8782	7947	8330	14677	0	0	0	0	7947	8330	14677	1215	1286	5876	6248

TABLE 23. Catch and effort by river.

Code	River Name	Season dates		Observed No. of anglers	Numbers caught (including releases)						Effort		Catch per effort Fish/day	Percent large salmon	
		Begin	End		Grilse		Salmon		Unknown		Total				No. of rod days
		D	M	D	M	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.
1	Aconi Brook	15/06	15/10	1	0	0	0	0	0	0	0	1	1	0.000	0.0
2	Annapolis	16/05	14/08 *	8	4	4	2	2	0	6	6	28	30	.214	33.3
3	Apple	15/08	31/10	11	3	3	0	0	0	3	3	45	48	.067	0.0
4	Baddeck	15/06	15/10	90	40	40	126	126	0	166	166	411	435	.404	75.9
5	Barachois	15/06	15/10	17	17	18	37	39	0	54	57	70	74	.771	68.5
6	Barney's	1/09	31/10	0											
7	Barrington	10/05	15/08	0											
8	Bass	15/08	31/10	0											
9	Bear	15/08	31/10	0											
10	Broad	10/05	15/08	0											
11	Catalone	15/06	15/10	91	89	92	46	47	0	135	139	766	811	.176	34.1
12	Cheticamp	16/05	30/09 *	37	7	7	59	60	0	66	67	124	131	.532	89.4
13	Chezetcook	1/06	29/08	0											
14	Chignais	15/08	31/10	1	0	0	0	0	0	0	13	14	0.000	0.0	
15	Clam Harbour	1/06	29/08	0											
124	Cluburne	15/06	15/10	8	4	4	15	16	0	19	20	59	63	.322	78.9
16	Clyde	10/05	15/10 *	65	115	121	3	3	0	118	124	480	509	.246	2.5
17	Cole Harbour	1/06	29/08	0											
18	Cornwallis	15/08	31/10	20	0	0	2	2	0	2	2	119	126	.017	100.0
19	Country Harbour	24/06	22/09	33	41	46	6	7	0	47	53	186	197	.253	12.8
20	Debert	15/08	31/10	27	1	1	1	1	0	2	2	97	103	.021	50.0
21	Diligent	15/08	31/10	0											
118	East Colchester	15/08	31/10	1	0	0	0	0	0	0	3	3	0.000	0.0	
22	East: Lunenburg Co.	10/05	15/08	2	1	1	0	0	0	1	1	4	4	.250	0.0
23	East: Pictou Co.	1/09	31/10	202	80	83	377	389	0	457	472	1214	1286	.376	82.5
24	East: Sheet Harbour	1/06	29/08 *	38	85	91	18	19	0	103	110	262	278	.393	17.5
25	Economy	15/08	31/10	34	2	2	4	4	0	6	6	192	203	.031	66.7
26	Ecum Secum	1/06	29/08 *	59	85	91	20	22	0	105	113	624	661	.168	19.0
27	Folly	15/08	31/10	24	4	4	0	0	0	4	4	70	74	.057	0.0
28	Framboise	15/06	15/10	78	76	78	41	42	0	117	120	528	559	.222	35.0
29	French	1/09	31/10	1	0	0	0	0	0	0	2	2	0.000	0.0	
32	Gaspereau: Brook	1/06	29/08	6	6	6	1	1	0	7	7	38	40	.184	14.3
30	Gaspereau: C. Breton	15/06	15/10	6	0	0	0	0	0	0	33	35	0.000	0.0	
31	Gaspereau: Kings Co.	16/05	14/08 *	48	30	34	18	20	0	48	54	461	488	.104	37.5
33	Gegogan	1/06	29/08	0											
34	Geffratt	15/06	15/10	6	7	7	0	0	0	7	7	41	43	.171	0.0
35	Gold	1/06	15/08 *	283	290	305	79	83	0	369	388	1982	2100	.186	21.4
36	Grand	15/06	15/10 *	262	311	342	97	107	0	408	449	1961	2077	.208	23.8
37	Great Village	15/08	31/10	5	0	0	1	1	0	1	1	10	11	.100	100.0
38	Guysborough	24/06	22/09	8	0	0	0	0	0	0	33	35	0.000	0.0	
40	Halfway Brook	1/06	29/08	0											
39	Harrington	15/08	31/10	0											
41	Indian Brook	15/06	15/10	11	6	6	24	26	0	30	32	39	41	.769	80.0
42	Ingonish	15/06	15/10	6	9	10	26	27	0	35	37	45	48	.778	74.3
43	Ingram	1/06	15/08	7	4	4	2	2	0	6	6	31	33	.194	33.3
44	Inhabitants	15/06	31/10 *	36	40	43	146	155	0	186	198	280	297	.664	78.5
45	Isaac's Harbour	1/06	29/08	11	30	32	0	0	0	30	32	109	115	.275	0.0
46	Jordan	10/05	15/08	0											

* See variation order.

Code	River Name	Season dates		Observed No. of anglers	Numbers caught (including releases)				Effort		Catch per effort Fish/day	Percent large salmon				
		Begin	End		Grilse		Salmon		Unknown				Total			
		D	M	D	M	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.			
47	Kennetcook	15/08	31/10	5	0	0	0	0	0	0	0	0	29	31	0.000	0.0
48	Kirby	1/06	29/08	*	3	0	0	0	0	0	0	0	24	25	0.000	0.0
49	LaHave	1/06	15/08	*	1277	2788	2943	440	464	0	3228	3407	11754	12452	.275	13.6
50	Larry's	1/06	29/08	0												
51	Lawrencetown Lake	1/06	29/08	1	0	0	0	0	0	0	0	1	1	0.000	0.0	
52	Lequille	15/08	31/10	0												
53	Liscomb	1/06	30/09	*	191	283	289	26	27	0	309	316	1041	1103	.297	8.4
54	Little Bass	15/08	31/10	0												
127	Little Lorraine	15/06	15/10	0												
55	Little Salmon	1/06	29/08	0												
56	Lorraine Brook	15/06	15/10	15	28	30	6	6	0	34	36	194	206	.175	17.6	
119	Mabou	1/09	31/10	1	0	0	0	0	0	0	0	1	1	0.000	0.0	
58	Maccan	15/08	31/10	67	12	13	4	4	0	16	17	431	457	.037	25.0	
59	Margaree	1/06	15/10	*	1441	925	977	1757	1857	0	2682	2834	12165	12887	.220	65.5
60	Marie Joseph	15/06	15/10	12	14	16	2	2	0	16	18	48	51	.333	12.5	
57	Martins	10/05	15/08	2	0	0	0	0	0	0	0	12	13	0.000	0.0	
61	Meander (Avon)	15/08	31/10	0												
62	Medway	10/05	31/07	*	459	837	870	133	138	0	970	1008	4734	5015	.205	13.7
63	Mersey	10/05	15/08	*	88	74	77	6	6	0	80	83	1139	1207	.070	7.5
64	Middle: Lunenburg Co	10/05	15/08	6	3	3	0	0	0	3	3	58	61	.052	0.0	
65	Middle: Pictou Co.	1/09	31/10	1	0	0	3	3	0	3	3	2	2	1.500	100.0	
66	Middle: Victoria Co.	15/06	15/10	114	55	58	111	116	0	166	174	684	725	.243	66.9	
67	Mira	15/06	15/10	14	4	4	2	2	0	6	6	139	147	.043	33.3	
68	Moser	1/06	29/08	*	113	175	183	11	11	0	186	194	722	765	.258	5.9
69	Mushamush	1/06	15/08	*	33	61	63	10	10	0	71	73	299	317	.237	14.1
70	Musquodoboit	1/06	29/08	*	394	277	298	175	189	0	452	487	2636	2793	.171	38.7
71	Nappan	15/08	31/10	0												
72	Necum Teuch	1/06	29/08	1	2	2	0	0	0	2	2	8	8	.250	0.0	
73	New Harbour	1/06	29/08	23	17	18	0	0	0	17	18	208	220	.082	0.0	
74	Nictaux	15/08	31/10	1	0	0	0	0	0	0	0	3	3	0.000	0.0	
75	Nine Mile	10/05	15/08	3	0	0	0	0	0	0	0	5	5	0.000	0.0	
76	North : Colchester	15/08	31/10	49	14	14	4	4	0	18	18	240	254	.075	22.2	
77	North : Victoria Co	1/06	30/09	*	263	219	226	529	546	0	748	772	1574	1667	.475	70.7
78	North Asp	15/06	15/10	12	4	5	34	38	0	38	43	81	86	.469	89.5	
120	Northwest Brook (Riv	15/06	15/10	1	0	0	0	0	0	0	0	4	4	0.000	0.0	
79	Paradise Brook	15/08	31/10	0												
80	Petite Riviere	1/06	31/07	*	65	89	93	13	14	0	102	107	713	755	.143	12.7
81	Pomquet	1/09	31/10	5	5	5	3	3	0	8	8	36	38	.222	37.5	
83	Port Dufferin	1/06	29/08	21	41	41	7	7	0	48	48	163	173	.294	14.6	
82	Portapique	15/08	31/10	9	3	3	0	0	0	3	3	17	18	.176	0.0	
84	Pugwash	1/09	31/10	0												
85	Quoddy	1/06	29/08	5	0	0	1	1	0	1	1	18	19	.056	100.0	
121	Ramshead (Ramsey)	15/08	31/10	0												
129	River Bennett	15/06	15/10	0												
122	River Denny's	15/06	15/10	0												
86	River Hebert	15/08	31/10	32	4	4	2	2	0	6	6	186	197	.032	33.3	
87	River John	1/09	31/10	47	24	25	69	70	0	93	95	224	237	.415	74.2	
88	River Philip	1/09	31/10	160	71	76	317	337	0	388	413	1055	1118	.368	81.7	
89	River Tillard	15/06	15/10	26	28	32	51	59	0	79	91	139	147	.568	64.6	
90	Rocky Run Porters L.	1/06	29/08	0												
91	Roseway	10/05	15/08	0												

* See variation order.

Code	River Name	Season dates		Observed No. of anglers	Numbers caught (including releases)						Effort		Catch per effort Fish/day	Percent large salmon	
		Begin End			Grilse		Salmon		Unknown		Total				No. of rod days
		D	M	D	M	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.
92	Round Hill	15/08	31/10	1	0	0	0	0	0	0	0	1	1	0.000	0.0
131	Sackville	1/06	29/08	3	2	2	0	0	0	2	2	6	6	.333	0.0
95	Saint Croix	15/08	31/10	2	0	0	0	0	0	0	0	3	3	0.000	0.0
93	Saint Esprit	15/06	15/10	4	1	1	1	1	0	2	2	6	6	.333	50.0
94	Saint Francis	24/06	22/09	0											
96	Saint Mary's	18/05	29/08 *	693	573	612	301	321	0	874	933	4002	4240	.218	34.4
97	Salmon: Cape Breton	15/06	15/10	72	31	31	20	20	0	51	51	535	567	.095	39.2
98	Salmon: Colchester	15/08	31/10	47	14	18	15	19	0	29	37	172	182	.169	51.7
99	Salmon: Digby Co.	1/06	15/08	59	78	79	10	10	0	88	89	510	540	.173	11.4
100	Salmon: Guysborough	24/06	22/09	106	164	172	49	52	0	213	224	958	1015	.222	23.0
101	Salmon: Halifax Co.	1/06	29/08	5	4	4	0	0	0	4	4	47	50	.085	0.0
102	Shinimikas	1/09	31/10	2	2	2	1	1	0	3	3	4	4	.750	33.3
103	Ship Hbr. L. Charlotte	1/06	29/08	29	22	23	4	4	0	26	27	230	244	.113	15.4
104	Shubenacadie	15/08	31/10	100	51	55	33	35	0	84	90	739	783	.114	39.3
105	Sissiboo	10/05	15/08	0											
123	Skye	15/06	15/10	0											
106	South	1/09	31/10	9	0	0	1	1	0	1	1	14	15	.071	100.0
107	Stewiacke	1/08	31/10	617	137	148	199	216	0	336	364	3132	3318	.107	59.2
126	Sutherland	1/09	31/10	2	4	4	7	8	0	11	12	6	6	1.833	63.6
125	Sudney	15/06	15/10	4	1	1	11	12	0	12	13	27	29	.444	91.7
108	Tangier	1/06	29/08	2	0	0	0	0	0	0	0	2	2	0.000	0.0
109	Taylor Bay Brook	1/06	29/08	0											
110	Three Fathom Harbour	1/06	29/08	0											
111	Tidnish	1/09	31/10	0											
130	Tracadie	1/09	31/10	1	1	1	1	1	0	2	2	4	4	.500	50.0
112	Tusket	1/06	15/08 *	162	367	394	64	69	0	431	463	1459	1546	.295	14.8
113	Wallace	1/09	31/10	79	11	11	48	50	0	59	61	269	285	.219	81.4
114	Waugh	1/09	31/10	23	0	0	7	7	0	7	7	45	48	.156	100.0
117	West Sheet Harbour	1/06	29/08 *	94	161	171	24	25	0	185	196	1172	1242	.158	13.0
115	West: Antigonish Co.	1/09	31/10	117	80	84	188	198	0	268	282	699	741	.383	70.1
116	West: Pictou Co.	1/09	31/10	45	14	15	25	26	0	39	41	233	247	.167	64.1
128	Wright	1/09	31/10	1	0	0	0	0	0	0	0	1	1	0.000	0.0
Provincial totals:				8782	9162	9616	5876	6248	0	15038	15854	65424	69310	.230	39.1

* See variation order.

TABLE 24. Catch and effort by statistical district.

District	Observed	Numbers caught (including releases)							Effort		Catch per	Percent
	No. of	Grilse		Salmon		Unknown	Total		No. of rod days		effort	large
	Anglers	Obs.	Est.	Obs.	Est.	Obs.	Obs.	Est.	Obs.	Est.	fish/day	Salmon
1	26	17	18	75	82	0	92	100	185	197	.497	81.5
2	1478	932	984	1816	1917	0	2748	2901	12289	13018	.224	66.1
3	1	0	0	0	0	0	0	0	1	1	0.000	0.0
4	495	337	348	827	853	0	1164	1201	2778	2942	.419	71.0
6	6	1	1	11	12	0	12	13	32	34	.375	91.7
7	204	159	163	74	76	0	233	239	1708	1809	.136	31.8
8	356	402	436	141	153	0	543	589	2543	2693	.214	26.0
9	62	68	74	197	215	0	265	289	419	444	.632	74.3
10	24	0	0	7	7	0	7	7	47	50	.149	100.0
11	92	38	39	94	97	0	132	136	457	484	.289	71.2
12	205	84	87	387	400	0	471	487	1222	1294	.385	82.2
13	133	86	90	193	203	0	279	293	754	799	.370	69.2
14	114	164	172	49	52	0	213	224	991	1050	.215	23.0
15	0											
16	34	47	50	0	0	0	47	50	317	335	.148	0.0
17	982	988	1047	354	375	0	1342	1422	5891	6241	.228	26.4
18	0											
19	277	464	487	61	64	0	525	551	2371	2512	.221	11.6
20	429	303	326	179	192	0	482	518	2914	3088	.165	37.1
21	3	2	2	0	0	0	2	2	6	6	.333	0.0
22	3	0	0	0	0	0	0	0	5	5	0.000	0.0
23	7	4	4	2	2	0	6	6	31	33	.194	33.3
24	110	19	20	6	6	0	25	26	662	702	.038	24.0
25	326	355	372	89	93	0	444	465	2355	2495	.189	20.0
27	1342	2877	3036	453	478	0	3330	3514	12467	13207	.267	13.6
28	547	911	947	139	144	0	1050	1091	5873	6222	.179	13.2
30	0											
31	65	115	121	3	3	0	118	124	480	509	.246	2.5
32	0											
33	162	367	394	64	69	0	431	463	1459	1546	.295	14.8
35	1	0	0	0	0	0	0	0	3	3	0.000	0.0
36	59	78	79	10	10	0	88	89	510	540	.173	11.4
38	0											
39	9	4	4	2	2	0	6	6	29	31	.207	33.3
41	68	30	34	20	22	0	50	56	580	614	.086	40.0
42	724	188	203	232	251	0	420	454	3903	4135	.108	55.2
43	197	38	43	25	28	0	63	71	814	862	.077	39.7
44	0											
45	162	73	78	318	338	0	391	416	1059	1122	.369	81.3
46	79	11	11	48	50	0	59	61	269	285	.219	81.4
Provincial totals	8782	9162	9616	5876	6248	0	15038	15854	65424	69310	.230	39.1

TABLE 25. Catch and effort by county.

County Code	Name	Observed No. of Anglers	Numbers caught (including releases)							Effort		Catch per effort fish/day	Percent large salmon
			Grilse		Salmon		Unknown Obs.	Total		No. of rod days Obs.	No. of rod days Est.		
			Obs.	Est.	Obs.	Est.		Obs.	Est.				
1	Annapolis	10	4	4	2	2	0	6	6	32	34	.188	33.3
2	Antigonish	133	86	90	193	203	0	279	293	754	799	.370	69.2
3	Cape Breton	210	160	165	85	87	0	245	252	1740	1843	.141	34.7
4	Colchester	838	175	191	231	251	0	406	442	3993	4230	.102	56.9
5	Cumberland	351	103	109	372	394	0	475	503	1990	2109	.239	78.3
6	Digby	59	78	79	10	10	0	88	89	510	540	.173	11.4
7	Guysborough	1130	1199	1269	403	427	0	1602	1696	7199	7626	.223	25.2
8	Halifax	719	773	820	242	257	0	1015	1077	5327	5644	.191	23.8
9	Hants	107	51	55	33	35	0	84	90	771	817	.109	39.3
10	Inverness	1479	932	984	1816	1917	0	2748	2901	12290	13019	.224	66.1
11	Kings	68	30	34	20	22	0	50	56	580	614	.086	40.0
12	Lunenburg	1668	3232	3408	542	571	0	3774	3979	14822	15702	.255	14.4
13	Pictou	297	122	126	481	497	0	603	623	1679	1778	.359	79.8
14	Queens	547	911	947	139	144	0	1050	1091	5873	6222	.179	13.2
15	Richmond	418	470	511	338	367	0	808	878	2962	3137	.273	41.8
16	Shelburne	65	115	121	3	3	0	118	124	480	509	.246	2.5
17	Victoria	521	354	367	902	934	0	1256	1301	2963	3139	.424	71.8
18	Yarmouth	162	367	394	64	69	0	431	463	1459	1546	.295	14.8
Provincial totals:		8782	9162	9616	5876	6248	0	15038	15854	65424	69310	.230	39.1

TABLE 26. Catch and effort by salmon fishing area.

Fishing Area Code	Name	Observed No. of Anglers	Numbers caught (including releases)							Effort		Catch per effort fish/day	Percent large salmon
			Grilse		Salmon		Unknown Obs.	Total		No. of rod days Obs.	No. of rod days Est.		
			Obs.	Est.	Obs.	Est.		Obs.	Est.				
19	Cape Breton East	1149	984	1036	1325	1395	0	2309	2431	7665	8119	.301	57.4
18	Gulf Shore Nova Scotia	2174	1224	1288	2863	3013	0	4087	4301	16098	17053	.254	78.1
20	Eastern Shore	1839	1968	2086	643	681	0	2611	2767	12490	13232	.209	24.6
22	Upper Bay of Fundy	1189	279	303	285	310	0	564	613	5991	6347	.094	50.5
21	South West Nova Scotia	2511	4707	4952	768	800	0	5467	5752	23180	24557	.236	13.9
Provincial totals:		8782	9162	9616	5876	6248	0	15038	15854	65424	69310	.230	39.1

TABLE 27. Monthly catch by river.

Annapolis		River code: 2		Season dates: 16/ 5/87 to 14/ 8/87. *														
		Number of fish				Grilse				Salmon				Percent				
Month		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
5	May																	
6	June																	
7	July	4	4	0	0	0	0	4	4	4	56.2	4	1.9	0	0.0	0	0.0	0.0
8	Aug																	
River total:		4	4	0	0	0	0	4	4	4	56.2	4	1.9	0	0.0	0	0.0	0.0

* See variation order.

Apple		River code: 3		Season dates: 15/ 8/87 to 31/10/87.														
		Number of fish				Grilse				Salmon				Percent				
Month		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
8	Aug																	
9	Sept																	
10	Oct	3	3	0	0	0	0	3	3	3	55.0	3	1.4	0	0.0	0	0.0	0.0
River total:		3	3	0	0	0	0	3	3	3	55.0	3	1.4	0	0.0	0	0.0	0.0

Baddeck		River code: 4		Season dates: 15/ 6/87 to 15/10/87.														
		Number of fish				Grilse				Salmon				Percent				
Month		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
6	June																	
7	July																	
8	Aug																	
9	Sept	8	8	0	0	0	0	8	8	4	60.8	7	2.1	0	0.0	0	0.0	0.0
10	Oct	18	18	0	0	0	0	18	18	15	56.6	15	1.7	0	0.0	0	0.0	0.0
River total:		26	26	0	0	0	0	26	26	19	57.5	22	1.8	0	0.0	0	0.0	0.0

Barachois		River code: 5		Season dates: 15/ 6/87 to 15/10/87.														
		Number of fish				Grilse				Salmon				Percent				
Month		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
6	June																	
7	July	2	2	0	0	0	0	2	2	2	54.0	0	0.0	0	0.0	0	0.0	0.0
8	Aug	2	2	0	0	0	0	2	2	2	53.3	0	0.0	0	0.0	0	0.0	0.0
9	Sept	2	2	0	0	0	0	2	2	1	59.9	2	1.7	0	0.0	0	0.0	0.0
10	Oct	5	5	0	0	0	0	5	5	5	56.9	2	1.6	0	0.0	0	0.0	0.0
River total:		11	12	0	0	0	0	11	12	10	55.9	4	1.7	0	0.0	0	0.0	0.0

Catalone River code: 11 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June																
7	July	7	7	0	0	0	0	7	55.2	6	1.7	0	0.0	0	0.0	0	0.0
8	Aug																
9	Sept	58	60	0	0	0	0	58	54.6	55	1.6	0	0.0	0	0.0	0	0.0
10	Oct	14	15	0	0	0	0	14	52.7	13	1.7	0	0.0	0	0.0	0	0.0
River total:		79	82	0	0	0	0	79	54.3	74	1.6	0	0.0	0	0.0	0	0.0

Cheticamp River code: 12 Season dates: 16/ 5/87 to 30/ 9/87. *

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
5	May																
6	June	1	1	0	0	0	0	1	53.3	1	1.4	0	0.0	0	0.0	0	0.0
7	July	1	1	0	0	0	0	1	55.9	1	1.6	0	0.0	0	0.0	0	0.0
8	Aug	1	1	0	0	0	0	1	54.1	1	1.4	0	0.0	0	0.0	0	0.0
9	Sept	2	2	0	0	0	0	2	54.6	2	1.6	0	0.0	0	0.0	0	0.0
River total:		5	5	0	0	0	0	5	54.5	5	1.5	0	0.0	0	0.0	0	0.0

* See variation order.

Clyburne River code: 124 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June																
7	July																
8	Aug																
9	Sept	4	4	0	0	0	0	4	55.2	4	1.5	0	0.0	0	0.0	0	0.0
10	Oct																
River total:		4	4	0	0	0	0	4	55.2	4	1.5	0	0.0	0	0.0	0	0.0

Clyde River code: 16 Season dates: 10/ 5/87 to 15/10/87. *

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
5	May																
6	June	6	6	0	0	0	0	6	58.5	6	1.9	0	0.0	0	0.0	0	0.0
7	July	44	46	0	0	0	0	44	57.0	44	1.8	0	0.0	0	0.0	0	0.0
8	Aug	33	35	0	0	0	0	33	58.7	29	1.8	0	0.0	0	0.0	0	0.0
9	Sept																
10	Oct																
River total:		83	87	0	0	0	0	83	58.0	79	1.8	0	0.0	0	0.0	0	0.0

* See variation order.

Country Harbour River code: 19 Season dates: 24/ 6/87 to 22/ 9/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June																
7	July	4	4	0	0	0	0	4	4	2	53.3	4	1.6	0	0.0	0	0.0
8	Aug	12	13	0	0	0	0	12	13	11	56.4	12	1.8	0	0.0	0	0.0
9	Sept	20	22	0	0	0	0	20	22	13	54.2	17	1.5	0	0.0	0	0.0
River total:		36	40	0	0	0	0	36	40	26	55.1	33	1.6	0	0.0	0	0.0

Debert River code: 20 Season dates: 15/ 8/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
8	Aug																
9	Sept																
10	Oct	1	1	0	0	0	0	1	1	1	53.3	1	1.4	0	0.0	0	0.0
River total:		1	1	0	0	0	0	1	1	1	53.3	1	1.4	0	0.0	0	0.0

East: Pictou Co. River code: 23 Season dates: 1/ 9/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
9	Sept	3	3	0	0	0	0	3	3	3	55.0	3	1.9	0	0.0	0	0.0
10	Oct	58	60	0	0	0	0	58	60	43	56.8	48	1.6	0	0.0	0	0.0
River total:		61	63	0	0	0	0	61	63	46	56.6	51	1.6	0	0.0	0	0.0

East: Sheet Harbour River code: 24 Season dates: 1/ 6/87 to 29/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June	2	2	0	0	0	0	2	2	2	55.2	2	1.9	0	0.0	0	0.0
7	July	49	53	0	0	0	0	49	53	37	56.4	49	1.7	0	0.0	0	0.0
8	Aug	30	32	0	0	0	0	30	32	25	56.9	30	1.7	0	0.0	0	0.0
River total:		81	87	0	0	0	0	81	87	64	56.5	81	1.7	0	0.0	0	0.0

* See variation order.

Economy River code: 25 Season dates: 15/ 8/87 to 31/10/87.

Month	Number of fish								Grilse				Salmon				Percent large salmon
	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		
	No.	Est.	Obs.	Est.	Obs.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean		
8 Aug																	
9 Sept																	
10 Oct	1	1	0	0	0	0	1	1	1	48.3	1	1.6	0	0.0	0	0.0	
River total:	1	1	0	0	0	0	1	1	1	48.3	1	1.6	0	0.0	0	0.0	

Ecua Secum River code: 26 Season dates: 1/ 6/87 to 29/ 8/87. *

Month	Number of fish								Grilse				Salmon				Percent large salmon
	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		
	No.	Est.	Obs.	Est.	Obs.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean		
6 June	17	18	0	0	0	0	17	18	17	54.9	17	1.7	0	0.0	0	0.0	
7 July	54	58	0	0	0	0	54	58	44	55.0	54	1.6	0	0.0	0	0.0	
8 Aug	1	1	0	0	0	0	1	1	1	58.4	1	2.1	0	0.0	0	0.0	
River total:	72	77	0	0	0	0	72	77	62	55.0	72	1.7	0	0.0	0	0.0	

* See variation order.

Folly River code: 27 Season dates: 15/ 8/87 to 31/10/87.

Month	Number of fish								Grilse				Salmon				Percent large salmon
	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		
	No.	Est.	Obs.	Est.	Obs.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean		
8 Aug																	
9 Sept																	
10 Oct	4	4	0	0	0	0	4	4	4	57.3	4	1.7	0	0.0	0	0.0	
River total:	4	4	0	0	0	0	4	4	4	57.3	4	1.7	0	0.0	0	0.0	

Framboise River code: 28 Season dates: 15/ 6/87 to 15/10/87.

Month	Number of fish								Grilse				Salmon				Percent large salmon
	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		
	No.	Est.	Obs.	Est.	Obs.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean		
6 June	12	12	0	0	0	0	12	12	12	56.8	11	2.0	0	0.0	0	0.0	
7 July	31	32	0	0	0	0	31	32	21	54.4	31	1.8	0	0.0	0	0.0	
8 Aug	2	2	0	0	0	0	2	2	2	57.2	2	1.7	0	0.0	0	0.0	
9 Sept	19	20	0	0	0	0	19	20	19	55.0	19	1.6	0	0.0	0	0.0	
10 Oct	6	6	0	0	0	0	6	6	4	56.6	6	1.5	0	0.0	0	0.0	
River total:	70	72	0	0	0	0	70	72	58	55.3	69	1.8	0	0.0	0	0.0	

Gaspereau: Brook River code: 32 Season dates: 1/ 6/87 to 29/ 8/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June																
7	July																
8	Aug	5	5	0	0	0	5 5	5	52.0	5	1.5	0	0.0	0	0.0	0	0.0
River total:		5	5	0	0	0	5 5	5	52.0	5	1.5	0	0.0	0	0.0	0	0.0

Gaspereau: Kings Co. River code: 31 Season dates: 16/ 5/87 to 14/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
5	May	1	1	0	0	0	1 1	1	58.4	1	1.8	0	0.0	0	0.0	0	0.0
6	June	18	20	0	0	0	18 20	17	53.8	15	1.7	0	0.0	0	0.0	0	0.0
7	July	11	12	0	0	0	11 12	10	55.8	10	1.7	0	0.0	0	0.0	0	0.0
8	Aug																
River total:		30	34	0	0	0	30 34	28	54.6	26	1.7	0	0.0	0	0.0	0	0.0

* See variation order.

Gerratt River code: 34 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June	1	1	0	0	0	1 1	1	55.1	1	1.8	0	0.0	0	0.0	0	0.0
7	July																
8	Aug																
9	Sept	2	2	0	0	0	2 2	2	53.3	2	1.8	0	0.0	0	0.0	0	0.0
10	Oct																
River total:		3	3	0	0	0	3 3	3	53.9	3	1.8	0	0.0	0	0.0	0	0.0

Gold River code: 35 Season dates: 1/ 6/87 to 15/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June	175	184	0	0	0	175 184	135	55.0	171	1.7	0	0.0	0	0.0	0	0.0
7	July	93	98	0	0	0	93 98	73	55.2	90	1.7	0	0.0	0	0.0	0	0.0
8	Aug	2	2	0	0	0	2 2	2	54.6	2	1.4	0	0.0	0	0.0	0	0.0
River total:		270	284	0	0	0	270 284	210	55.1	263	1.7	0	0.0	0	0.0	0	0.0

* See variation order.

Grand River code: 36 Season dates: 15/ 6/87 to 15/10/87. *

Month		Number of fish				Grilse				Salmon				Percent			
		Grilse		Salmon	Unknown	Total		Length		Weight		Length		Weight	large		
No.	Name	Obs.	Est.	Obs. Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon		
6	June	87	96	0	0	0	87	96	70	55.4	81	1.7	0	0.0	0	0.0	0.0
7	July	104	114	0	0	0	104	114	72	55.1	92	1.7	0	0.0	0	0.0	0.0
8	Aug	7	8	0	0	0	7	8	3	55.9	6	1.6	0	0.0	0	0.0	0.0
9	Sept	67	74	0	0	0	67	74	48	56.0	57	1.8	0	0.0	0	0.0	0.0
10	Oct	15	17	0	0	0	15	17	10	55.5	15	1.6	0	0.0	0	0.0	0.0
River total:		280	308	0	0	0	280	308	203	55.4	251	1.7	0	0.0	0	0.0	0.0

* See variation order.

Indian Brook River code: 41 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent			
		Grilse		Salmon	Unknown	Total		Length		Weight		Length		Weight	large		
No.	Name	Obs.	Est.	Obs. Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon		
6	June																
7	July																
8	Aug																
9	Sept	2	2	0	0	0	2	2	2	52.1	1	1.1	0	0.0	0	0.0	0.0
10	Oct	2	2	0	0	0	2	2	2	52.7	2	1.9	0	0.0	0	0.0	0.0
River total:		4	4	0	0	0	4	4	4	52.4	3	1.6	0	0.0	0	0.0	0.0

Ingonish River code: 42 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent			
		Grilse		Salmon	Unknown	Total		Length		Weight		Length		Weight	large		
No.	Name	Obs.	Est.	Obs. Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon		
6	June																
7	July																
8	Aug																
9	Sept	1	1	0	0	0	1	1	1	44.4	0	0.0	0	0.0	0	0.0	0.0
10	Oct	4	4	0	0	0	4	4	4	48.4	0	0.0	0	0.0	0	0.0	0.0
River total:		5	5	0	0	0	5	5	5	47.6	0	0.0	0	0.0	0	0.0	0.0

Inhabitants River code: 44 Season dates: 15/ 6/87 to 31/10/87. *

Month		Number of fish				Grilse				Salmon				Percent			
		Grilse		Salmon	Unknown	Total		Length		Weight		Length		Weight	large		
No.	Name	Obs.	Est.	Obs. Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon		
6	June																
7	July																
8	Aug																
9	Sept	15	16	0	0	0	15	16	14	55.8	7	1.7	0	0.0	0	0.0	0.0
10	Oct	24	25	0	0	0	24	25	23	56.2	16	1.8	0	0.0	0	0.0	0.0
River total:		39	41	0	0	0	39	41	37	56.1	23	1.8	0	0.0	0	0.0	0.0

* See variation order.

Isaac's Harbour River code: 45 Season dates: 1/ 6/87 to 29/ 8/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon
		Grilse		Salmon		Length		Weight		Length		Weight		
No.	Name	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	
6	June	4	4	0	0	4	54.6	4	1.5	0	0.0	0	0.0	
7	July	25	27	0	0	25	52.8	25	1.6	0	0.0	0	0.0	
8	Aug													
River total:		29	31	0	0	29	53.0	29	1.6	0	0.0	0	0.0	

LaHave River code: 49 Season dates: 1/ 6/87 to 15/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent large salmon
		Grilse		Salmon		Length		Weight		Length		Weight		
No.	Name	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	
6	June	1826	1928	0	0	1518	56.2	1707	1.8	0	0.0	0	0.0	
7	July	599	632	0	0	465	55.9	545	1.8	0	0.0	0	0.0	
8	Aug	2	2	0	0	2	54.6	2	2.0	0	0.0	0	0.0	
River total:		2427	2562	0	0	1985	56.1	2254	1.8	0	0.0	0	0.0	

* See variation order.

Liscomb River code: 53 Season dates: 1/ 6/87 to 30/ 9/87. *

Month		Number of fish				Grilse				Salmon				Percent large salmon
		Grilse		Salmon		Length		Weight		Length		Weight		
No.	Name	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	
6	June	80	82	0	0	69	54.6	73	1.7	0	0.0	0	0.0	
7	July	133	136	0	0	107	54.7	122	1.6	0	0.0	0	0.0	
8	Aug	28	29	0	0	21	53.5	23	1.6	0	0.0	0	0.0	
9	Sept	7	7	0	0	3	53.8	7	1.5	0	0.0	0	0.0	
River total:		248	253	0	0	200	54.5	225	1.7	0	0.0	0	0.0	

* See variation order.

Lorraine Brook River code: 56 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon
		Grilse		Salmon		Length		Weight		Length		Weight		
No.	Name	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	
6	June	2	2	0	0	2	52.1	2	1.7	0	0.0	0	0.0	
7	July													
8	Aug	5	5	0	0	5	53.9	5	1.6	0	0.0	0	0.0	
9	Sept	14	15	0	0	13	50.8	14	1.6	0	0.0	0	0.0	
10	Oct	6	6	0	0	6	51.4	6	1.7	0	0.0	0	0.0	
River total:		27	29	0	0	26	51.6	27	1.6	0	0.0	0	0.0	

Maccan River code: 58 Season dates: 15/ 8/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
8	Aug	5	5	0	0	0	0	5	5	5	53.6	4	1.8	0	0.0	0	0.0	0.0
9	Sept																	
10	Oct	7	7	0	0	0	0	7	7	7	52.6	7	1.5	0	0.0	0	0.0	0.0
River total:		12	12	0	0	0	0	12	12	12	53.0	11	1.6	0	0.0	0	0.0	0.0

Margaree River code: 59 Season dates: 1/ 6/87 to 15/10/87. *

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
6	June	197	208	0	0	0	0	197	208	148	55.2	187	1.7	0	0.0	0	0.0	0.0
7	July	242	256	0	0	0	0	242	256	169	55.5	229	1.7	0	0.0	0	0.0	0.0
8	Aug	140	148	0	0	0	0	140	148	100	55.7	122	1.7	0	0.0	0	0.0	0.0
9	Sept	118	125	0	0	0	0	118	125	95	52.3	105	1.7	0	0.0	0	0.0	0.0
10	Oct	85	90	0	0	0	0	85	90	70	52.1	75	1.7	0	0.0	0	0.0	0.0
River total:		782	826	0	0	0	0	782	826	582	56.0	718	1.7	0	0.0	0	0.0	0.0

* See variation order.

Marie Joseph River code: 60 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
6	June	5	5	0	0	0	0	5	5	5	56.1	5	1.7	0	0.0	0	0.0	0.0
7	July	6	7	0	0	0	0	6	7	6	57.2	5	1.9	0	0.0	0	0.0	0.0
8	Aug																	
9	Sept																	
10	Oct																	
River total:		11	12	0	0	0	0	11	12	11	56.7	10	1.8	0	0.0	0	0.0	0.0

Medway River code: 62 Season dates: 10/ 5/87 to 31/ 7/87. *

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
5	May	12	12	0	0	0	0	12	12	7	52.5	12	1.6	0	0.0	0	0.0	0.0
6	June	539	560	0	0	0	0	539	560	446	56.5	507	1.9	0	0.0	0	0.0	0.0
7	July	244	254	0	0	0	0	244	254	196	56.4	230	1.9	0	0.0	0	0.0	0.0
River total:		795	826	0	0	0	0	795	826	649	56.4	749	1.9	0	0.0	0	0.0	0.0

* See variation order.

Mersey River code: 63 Season dates: 10/ 5/87 to 15/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
5	May																
6	June	31	32	0	0	0	31	32	27	56.9	31	1.8	0	0.0	0	0.0	0.0
7	July	28	29	0	0	0	28	29	25	56.7	26	1.8	0	0.0	0	0.0	0.0
8	Aug	3	3	0	0	0	3	3	2	57.2	3	1.6	0	0.0	0	0.0	0.0
River total:		62	64	0	0	0	62	64	54	56.8	60	1.8	0	0.0	0	0.0	0.0

* See variation order.

Middle: Lunenburg Co River code: 64 Season dates: 10/ 5/87 to 15/ 8/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
5	May																
6	June																
7	July	1	1	0	0	0	1	1	0	0.0	1	1.6	0	0.0	0	0.0	0.0
8	Aug																
River total:		1	1	0	0	0	1	1	0	0.0	1	1.6	0	0.0	0	0.0	0.0

Middle: Victoria Co. River code: 66 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June	1	1	0	0	0	1	1	0	0.0	1	1.6	0	0.0	0	0.0	0.0
7	July	4	4	0	0	0	4	4	4	54.0	4	1.5	0	0.0	0	0.0	0.0
8	Aug	4	4	0	0	0	4	4	3	55.0	4	1.9	0	0.0	0	0.0	0.0
9	Sept	22	23	0	0	0	22	23	20	52.9	20	1.5	0	0.0	0	0.0	0.0
10	Oct	20	21	0	0	0	20	21	20	56.3	19	1.7	0	0.0	0	0.0	0.0
River total:		51	53	0	0	0	51	53	47	54.6	48	1.6	0	0.0	0	0.0	0.0

Mira River code: 67 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June																
7	July	1	1	0	0	0	1	1	1	55.6	0	0.0	0	0.0	0	0.0	0.0
8	Aug																
9	Sept	1	1	0	0	0	1	1	1	62.0	1	1.4	0	0.0	0	0.0	0.0
10	Oct	1	1	0	0	0	1	1	1	59.9	1	1.2	0	0.0	0	0.0	0.0
River total:		3	3	0	0	0	3	3	3	59.2	2	1.3	0	0.0	0	0.0	0.0

Moser River code: 68 Season dates: 1/ 6/87 to 29/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent					
		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large	
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon	
6	June	46	48	0	0	0	46	48	45	55.4	46	1.7	0	0.0	0	0.0	0	0.0	0.0
7	July	100	105	0	0	0	100	105	84	55.2	98	1.8	0	0.0	0	0.0	0	0.0	0.0
8	Aug	7	7	0	0	0	7	7	7	54.4	7	1.7	0	0.0	0	0.0	0	0.0	0.0
River total:		153	160	0	0	0	153	160	136	55.2	151	1.8	0	0.0	0	0.0	0	0.0	0.0

* See variation order.

Mushamush River code: 69 Season dates: 1/ 6/87 to 15/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent					
		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large	
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon	
6	June	13	13	0	0	0	13	13	13	55.4	13	1.8	0	0.0	0	0.0	0	0.0	0.0
7	July	41	42	0	0	0	41	42	36	55.7	41	1.8	0	0.0	0	0.0	0	0.0	0.0
8	Aug	2	2	0	0	0	2	2	2	57.2	2	1.8	0	0.0	0	0.0	0	0.0	0.0
River total:		56	58	0	0	0	56	58	51	55.7	56	1.8	0	0.0	0	0.0	0	0.0	0.0

* See variation order.

Musquodoboit River code: 70 Season dates: 1/ 6/87 to 29/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent					
		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large	
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon	
6	June	91	98	0	0	0	91	98	76	56.3	82	1.8	0	0.0	0	0.0	0	0.0	0.0
7	July	67	72	0	0	0	67	72	60	55.7	66	1.7	0	0.0	0	0.0	0	0.0	0.0
8	Aug	13	14	0	0	0	13	14	12	50.6	13	1.9	0	0.0	0	0.0	0	0.0	0.0
River total:		171	184	0	0	0	171	184	148	55.6	161	1.8	0	0.0	0	0.0	0	0.0	0.0

* See variation order.

New Harbour River code: 73 Season dates: 1/ 6/87 to 29/ 8/87.

Month		Number of fish				Grilse				Salmon				Percent					
		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large	
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon	
6	June	12	13	0	0	0	12	13	11	53.0	12	1.7	0	0.0	0	0.0	0	0.0	0.0
7	July	5	5	0	0	0	5	5	5	56.4	5	2.0	0	0.0	0	0.0	0	0.0	0.0
8	Aug																		
River total:		17	18	0	0	0	17	18	16	54.1	17	1.8	0	0.0	0	0.0	0	0.0	0.0

North : Colchester River code: 76 Season dates: 15/ 8/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon	
8	Aug																	
9	Sept																	
10	Oct	14	14	0	0	0	14	14	13	53.8	14	1.6	0	0.0	0	0.0	0.0	
River total:		14	14	0	0	0	14	14	13	53.8	14	1.6	0	0.0	0	0.0	0.0	

North : Victoria Co River code: 77 Season dates: 1/ 6/87 to 30/ 9/87. *

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon	
6	June	38	39	0	0	0	38	39	30	53.6	30	1.5	0	0.0	0	0.0	0.0	
7	July	74	77	0	0	0	74	77	54	53.9	55	1.5	0	0.0	0	0.0	0.0	
8	Aug	19	20	0	0	0	19	20	18	54.3	13	1.5	0	0.0	0	0.0	0.0	
9	Sept	40	41	0	0	0	40	41	36	53.0	30	1.5	0	0.0	0	0.0	0.0	
River total:		171	177	0	0	0	171	177	138	53.6	128	1.5	0	0.0	0	0.0	0.0	

* See variation order.

North Aspy River code: 78 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon	
6	June																	
7	July																	
8	Aug																	
9	Sept																	
10	Oct	3	3	0	0	0	3	3	3	51.1	3	1.7	0	0.0	0	0.0	0.0	
River total:		3	3	0	0	0	3	3	3	51.1	3	1.7	0	0.0	0	0.0	0.0	

Petite Riviere River code: 80 Season dates: 1/ 6/87 to 31/ 7/87. *

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon	
6	June	43	45	0	0	0	43	45	41	55.3	41	1.8	0	0.0	0	0.0	0.0	
7	July	38	40	0	0	0	38	40	38	55.7	38	1.8	0	0.0	0	0.0	0.0	
River total:		81	85	0	0	0	81	85	79	55.5	79	1.8	0	0.0	0	0.0	0.0	

* See variation order.

Pomouet River code: 81 Season dates: 1/ 9/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
9	Sept	3	3	0	0	0	0	3	51.2	1	1.4	0	0.0	0	0.0	0	0.0
10	Oct																
River total:		3	3	0	0	0	0	3	51.2	1	1.4	0	0.0	0	0.0	0	0.0

Port Dufferin River code: 83 Season dates: 1/ 6/87 to 29/ 8/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June	7	7	0	0	0	0	7	8.0	7	1.7	0	0.0	0	0.0	0	0.0
7	July	20	20	0	0	0	0	20	55.0	20	1.8	0	0.0	0	0.0	0	0.0
8	Aug	9	9	0	0	0	0	9	56.7	9	1.8	0	0.0	0	0.0	0	0.0
River total:		36	36	0	0	0	0	36	55.3	36	1.8	0	0.0	0	0.0	0	0.0

Portapique River code: 82 Season dates: 15/ 8/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
8	Aug																
9	Sept																
10	Oct	1	1	0	0	0	0	1	59.7	1	2.3	0	0.0	0	0.0	0	0.0
River total:		1	1	0	0	0	0	1	59.7	1	2.3	0	0.0	0	0.0	0	0.0

River Hebert River code: 86 Season dates: 15/ 8/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
8	Aug																
9	Sept	2	2	0	0	0	0	2	54.7	2	1.7	0	0.0	0	0.0	0	0.0
10	Oct	2	2	0	0	0	0	2	53.0	2	1.2	0	0.0	0	0.0	0	0.0
River total:		4	4	0	0	0	0	4	53.8	4	1.5	0	0.0	0	0.0	0	0.0

River John River code: 87 Season dates: 1/ 9/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean
9	Sept	2	2	0	0	0	0	2	2	2	58.9	0	0.0	0	0.0	0	0.0
10	Oct	19	19	0	0	0	0	19	19	19	59.0	18	1.7	0	0.0	0	0.0
River total:		21	21	0	0	0	0	21	21	21	59.0	18	1.7	0	0.0	0	0.0

River Philip River code: 88 Season dates: 1/ 9/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean
9	Sept	5	5	0	0	0	0	5	5	5	56.0	4	1.6	0	0.0	0	0.0
10	Oct	57	61	0	0	0	0	57	61	56	56.9	43	1.6	0	0.0	0	0.0
River total:		62	66	0	0	0	0	62	66	61	56.9	47	1.6	0	0.0	0	0.0

River Tillard River code: 89 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June																
7	July																
8	Aug	1	1	0	0	0	0	1	1	1	50.8	1	1.1	0	0.0	0	0.0
9	Sept	10	11	0	0	0	0	10	11	10	55.4	10	1.6	0	0.0	0	0.0
10	Oct	11	13	0	0	0	0	11	13	11	54.4	11	1.6	0	0.0	0	0.0
River total:		22	25	0	0	0	0	22	25	22	54.7	22	1.6	0	0.0	0	0.0

Sackville River code: 131 Season dates: 1/ 6/87 to 29/ 8/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June																
7	July																
8	Aug	2	2	0	0	0	0	2	2	0	0.0	2	1.4	0	0.0	0	0.0
River total:		2	2	0	0	0	0	2	2	0	0.0	2	1.4	0	0.0	0	0.0

Saint Esprit River code: 93 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
6	June																	
7	July																	
8	Aug	1	1	0	0	0	1 1	1	50.8	1	1.4	0	0.0	0	0.0	0	0.0	0.0
9	Sept																	
10	Oct																	
River total:		1	1	0	0	0	1 1	1	50.8	1	1.4	0	0.0	0	0.0	0	0.0	0.0

Saint Mary's River code: 96 Season dates: 18/ 5/87 to 29/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent				
		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
5	May																	
6	June	216	231	0	0	0	216 231	162	54.8	205	1.7	0	0.0	0	0.0	0	0.0	0.0
7	July	254	271	0	0	0	254 271	211	55.8	234	1.7	0	0.0	0	0.0	0	0.0	0.0
8	Aug	21	22	0	0	0	21 22	20	55.8	13	1.4	0	0.0	0	0.0	0	0.0	0.0
River total:		491	524	0	0	0	491 524	393	55.4	452	1.7	0	0.0	0	0.0	0	0.0	0.0

* See variation order.

Salmon: Cape Breton River code: 97 Season dates: 15/ 6/87 to 15/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
6	June	2	2	0	0	0	2 2	2	54.6	2	1.4	0	0.0	0	0.0	0	0.0	0.0
7	July	2	2	0	0	0	2 2	2	58.0	2	1.6	0	0.0	0	0.0	0	0.0	0.0
8	Aug	2	2	0	0	0	2 2	0	0.0	2	1.9	0	0.0	0	0.0	0	0.0	0.0
9	Sept	22	22	0	0	0	22 22	17	56.9	22	1.8	0	0.0	0	0.0	0	0.0	0.0
10	Oct	2	2	0	0	0	2 2	2	60.3	1	2.3	0	0.0	0	0.0	0	0.0	0.0
River total:		30	30	0	0	0	30 30	23	57.1	29	1.8	0	0.0	0	0.0	0	0.0	0.0

Salmon: Colchester River code: 98 Season dates: 15/ 8/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
		Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
8	Aug	1	1	0	0	0	1 1	1	62.2	1	1.6	0	0.0	0	0.0	0	0.0	0.0
9	Sept	11	14	0	0	0	11 14	7	54.7	11	1.7	0	0.0	0	0.0	0	0.0	0.0
10	Oct																	
River total:		12	15	0	0	0	12 15	8	55.6	12	1.7	0	0.0	0	0.0	0	0.0	0.0

Salmon: Digby Co. River code: 99 Season dates: 1/ 6/87 to 15/ 8/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon		
		Grilse		Salmon		Length		Weight		Length		Weight				
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	
6	June	47	48	0	0	0	47	48	47	56.9	31	2.0	0	0.0	0	0.0
7	July	21	21	0	0	0	21	21	19	56.6	11	1.9	0	0.0	0	0.0
8	Aug	1	1	0	0	0	1	1	1	59.2	1	1.5	0	0.0	0	0.0
River total:		69	70	0	0	0	69	70	67	56.8	43	1.9	0	0.0	0	0.0

Salmon: Guysborough River code: 100 Season dates: 24/ 6/87 to 22/ 9/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon		
		Grilse		Salmon		Length		Weight		Length		Weight				
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	
6	June	8	8	0	0	0	8	8	8	53.7	5	1.7	0	0.0	0	0.0
7	July	92	97	0	0	0	92	97	76	55.4	85	1.7	0	0.0	0	0.0
8	Aug	32	34	0	0	0	32	34	25	52.2	23	1.7	0	0.0	0	0.0
9	Sept	27	28	0	0	0	27	28	18	58.1	25	1.8	0	0.0	0	0.0
River total:		159	167	0	0	0	159	167	127	55.1	138	1.7	0	0.0	0	0.0

Ship Hbr.L.Charlotte River code: 103 Season dates: 1/ 6/87 to 29/ 8/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon		
		Grilse		Salmon		Length		Weight		Length		Weight				
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	
6	June	9	9	0	0	0	9	9	9	52.7	9	1.6	0	0.0	0	0.0
7	July	13	14	0	0	0	13	14	13	55.3	13	1.8	0	0.0	0	0.0
8	Aug															
River total:		22	23	0	0	0	22	23	22	54.2	22	1.7	0	0.0	0	0.0

Shubenacadie River code: 104 Season dates: 15/ 8/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon		
		Grilse		Salmon		Length		Weight		Length		Weight				
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	
8	Aug	2	2	0	0	0	2	2	2	57.8	2	1.7	0	0.0	0	0.0
9	Sept	13	14	0	0	0	13	14	11	58.8	12	1.8	0	0.0	0	0.0
10	Oct	30	32	0	0	0	30	32	30	57.3	17	1.8	0	0.0	0	0.0
River total:		45	48	0	0	0	45	48	43	57.7	31	1.8	0	0.0	0	0.0

Stewiacke River code: 107 Season dates: 1/ 8/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
8	Aug	3	3	0	0	0	0	3	3	3	53.7	3	1.9	0	0.0	0	0.0	0.0
9	Sept	35	38	0	0	0	0	35	38	33	55.0	34	1.7	0	0.0	0	0.0	0.0
10	Oct	67	73	0	0	0	0	67	73	58	55.9	61	1.7	0	0.0	0	0.0	0.0
River total:		105	114	0	0	0	0	105	114	94	55.5	98	1.7	0	0.0	0	0.0	0.0

Sutherland River code: 126 Season dates: 1/ 9/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
9	Sept																	
10	Oct	2	2	0	0	0	0	2	2	0	0.0	2	1.5	0	0.0	0	0.0	0.0
River total:		2	2	0	0	0	0	2	2	0	0.0	2	1.5	0	0.0	0	0.0	0.0

Tracadie River code: 130 Season dates: 1/ 9/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
9	Sept																	
10	Oct	1	1	0	0	0	0	1	1	1	55.9	1	1.1	0	0.0	0	0.0	0.0
River total:		1	1	0	0	0	0	1	1	1	55.9	1	1.1	0	0.0	0	0.0	0.0

Tusket River code: 112 Season dates: 1/ 6/87 to 15/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent				
No.	Name	Grilse		Salmon		Unknown		Total		Length		Weight		Length		Weight		large
		Obs.	Est.	Obs.	Est.	Obs.	Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean	salmon
6	June	224	241	0	0	0	0	224	241	195	56.6	205	1.9	0	0.0	0	0.0	0.0
7	July	91	98	0	0	0	0	91	98	78	55.9	77	1.9	0	0.0	0	0.0	0.0
8	Aug	18	19	0	0	0	0	18	19	18	52.2	15	1.9	0	0.0	0	0.0	0.0
River total:		333	358	0	0	0	0	333	358	291	56.1	297	1.9	0	0.0	0	0.0	0.0

* See variation order.

Wallace River code: 113 Season dates: 1/ 9/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
9	Sept																
10	Oct	9	9	0	0	0	9	9	6	58.2	6	1.9	0	0.0	0	0.0	0.0
River total:		9	9	0	0	0	9	9	6	58.2	6	1.9	0	0.0	0	0.0	0.0

West Sheet Harbour River code: 117 Season dates: 1/ 6/87 to 29/ 8/87. *

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
6	June	61	64	0	0	0	61	64	48	55.2	61	1.7	0	0.0	0	0.0	0.0
7	July	83	88	0	0	0	83	88	70	55.8	83	1.7	0	0.0	0	0.0	0.0
8	Aug	13	14	0	0	0	13	14	13	54.9	13	1.6	0	0.0	0	0.0	0.0
River total:		157	166	0	0	0	157	166	131	55.5	157	1.7	0	0.0	0	0.0	0.0

* See variation order.

West: Antigonish Co. River code: 115 Season dates: 1/ 9/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
9	Sept	17	18	0	0	0	17	18	15	56.9	13	1.6	0	0.0	0	0.0	0.0
10	Oct	38	40	0	0	0	38	40	36	56.3	35	1.7	0	0.0	0	0.0	0.0
River total:		55	58	0	0	0	55	58	51	56.5	48	1.7	0	0.0	0	0.0	0.0

West: Pictou Co. River code: 116 Season dates: 1/ 9/87 to 31/10/87.

Month		Number of fish				Grilse				Salmon				Percent large salmon			
		Grilse		Salmon		Unknown		Total		Length		Weight			Length		Weight
No.	Name	Obs.	Est.	Obs.	Est.	Obs.	Obs. Est.	No.	Mean	No.	Mean	No.	Mean	No.	Mean	No.	Mean
9	Sept	1	1	0	0	0	1	1	1	55.9	1	1.4	0	0.0	0	0.0	0.0
10	Oct	13	14	0	0	0	13	14	13	55.3	13	1.5	0	0.0	0	0.0	0.0
River total:		14	15	0	0	0	14	15	14	55.4	14	1.5	0	0.0	0	0.0	0.0

TABLE 28. Estimated number of salmon and grilse angled on Cheticamp River, 1987.

Month	Salmon (Released)	Grilse (Retained)	Rod days
May	7	1 ¹	8
June	101	8	190
July	21	9	168
August	7	10	67
September	13	10	39
Total	149	38	472

¹ Kelt.

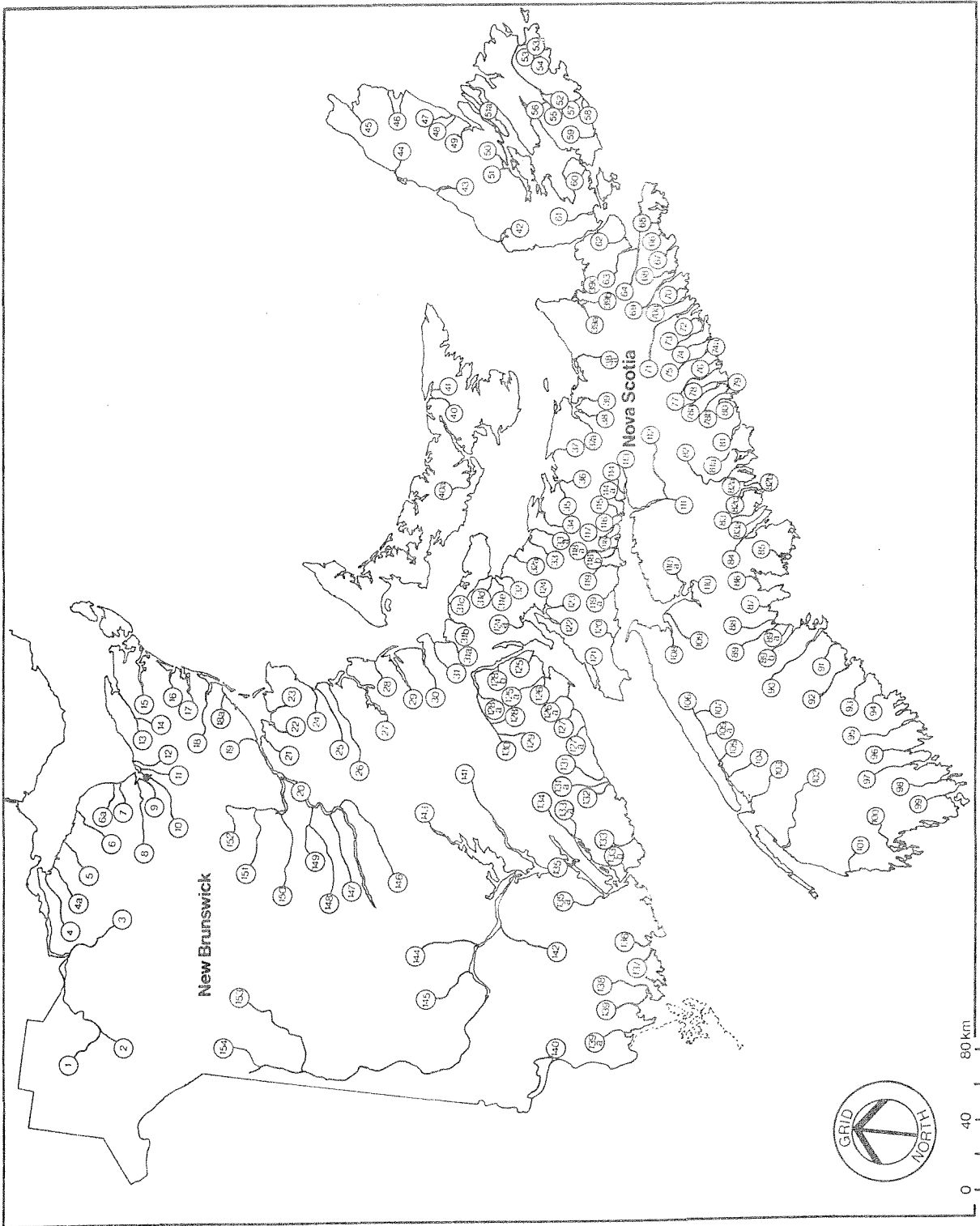
TABLE 29. Nova Scotia variation orders, fishing prohibitions and special seasons, 1987.

Annapolis River	Salmon season varied to be May 16 - August 14, 1987.
Cheticamp River	Season regulated by Parks Canada: May 16 to September 30, 1987.
Clyde River	Season extended to October 15, 1987 in that portion downstream from Quinn's Falls.
East River, Sheet Harbour	(1) Closed to fishing in those waters upstream from the No. 7 Highway Bridge to the Fisheries and Oceans Barrier Dam from June 24 to the end of the salmon season. (2) Closed to fishing in those waters downstream from the power house dam at Malay Falls to the Fisheries and Oceans barrier dam on August 7, 1987 for the remainder of the year.
Ecum Secum River	Closed to fishing in those waters downstream from the inlet of Jud's Pool to the Number 7 Highway Bridge on August 7, 1987 for the remainder of the year.
Gaspereau River (King's County)	Salmon season varied to be May 16 to August 14, 1987.
Gold River	Closed to fishing in those waters downstream from the Rosebank Bridge at New Ross to the Trunk 3 highway bridge at Gold River, but not including its tributaries on July 23, 1987 for the remainder of the year.
Grand River	(1) Closed to fishing between those points as marked by a fishery officer being approximately 90 m upstream and 90 m downstream from Grand River Falls from July 2 to October 5, 1987. (2) Closed to fishing in those waters between the highway bridge at Grand River and Morrison's Bridge at Loch Lomond Lake from July 31 to September 10, 1987.
Inhabitants River	Salmon season closed time extended to October 31, 1987.
Kirby River	Closed to fishing in those waters 15 m (50 ft.) downstream and 15 m (50 ft.) upstream from the No. 24 Highway Bridge at Sheet Harbour Passage from June 24 to September 30, 1987.
LaHave River	(1) Closed to fishing in the pool located immediately below the Morgan Falls Fishway, as marked by a fishery officer from May 10 to the end of the salmon season. (2) Closed to fishing in the North branch, below Sherbrooke Lake, in those waters below New Germany Lake and in the West branch below Rhyno Lake, but not including any tributaries of those branches, on July 29, 1987 for the remainder of the year.

Liscomb River	Reopened for salmon angling from September 15 - 30, 1987.
Margaree River	(1) Those waters, except upstream from the Big Intervale Bridges - season: June 1 - October 15, 1987. (2) Those waters upstream from the Big Intervale Bridges - Closed all year.
Medway River	(1) Closed to fishing in that portion, from a location marked by a fishery officer, above the Westfield highway bridge, upstream to the foot of McGowan Lake from May 10 to the end of the salmon season. (2) Closed to fishing in those waters downstream from McGowan Lake but not including any tributaries to those waters Ponhook Lake on August 1, 1987 for the remainder of the year.
Mersey River	Closed to fishing in those waters downstream from the Cowie Falls dam in Milton to the first highway bridge in Milton, but not including any tributaries to those waters on August 1, 1987 for the remainder of the year.
Moser River	Closed to fishing downstream from Round Lake Inlet to Injum Island in Moser River Estuary on August 7, 1987 for the remainder of the year.
Mushamush River	Closed to fishing in those waters downstream from Little Mushamush Lake to the Trunk 3 highway bridge at Mahone Bay on August 1, 1987 for the remainder of the year.
Musquodoboit River	Closed to fishing downstream from Plaster Rock in Upper Musquodoboit to the head of tide at Musquodoboit Harbour on August 7, 1987 for the remainder of the year.
North River (Victoria Co.)	Closed to fishing in that portion upstream from the highway bridge at North River Bridge from August 11 to September 10, 1987.
Petite River	Closed to fishing in those waters downstream from Hebb Lake to the 331 Collector highway bridge at Petite Rivière, but not including Fancy Lake on August 1, 1987 for the remainder of the year.
St. Mary's River	(1) East River, St. Mary's, upstream from a point 100 m upstream of Silver's Bridge to the Guysborough County line: Season - May 18 to August 14, 1987. River closed on July 10, 1987 for the remainder of the year. (2) West River, St. Mary's upstream from the highway bridge at Glenelg to the Guysborough County line: Season - June 1 to August 14, 1987. River closed on July 10, 1987 for the remainder of the year. (3) Those waters downstream from a point 100 m upstream of Silver's Bridge and downstream from the highway bridge at Glenelg: Season - May 18 to August 29, 1987. River closed on July 14 for the remainder of the year.
Tusket River	(1) Closed to fishing in those waters from the highway bridge at the southern extremity of Lake Vaughan downstream to the Tusket River hydro station, from April 1 to June 30, 1987. (2) Closed to fishing in those waters from the Tusket River hydro holding dam downstream to Anthony's Run Crossroad bridge on June 30, 1987 for the remainder of the year.
West River, Sheet Harbour	(1) Closed to fishing in those waters upstream from the Killog Road Bridge to its source and including all tributaries from June 24, 1987 to the end of the salmon season. (2) Closed to fishing downstream from the Killog Road Bridge to the head of tide on August 7, 1987 for the remainder of the year.

Alphabetical index to map

Abcushagan.....	31b	Indian.....	70	Pocologan.....	137
Aconi Brook.....	51a	Indian Brook.....	47	Pokemouche.....	15
Alma.....	127	Ingonish.....	46	Point Wolfe.....	127a
Annapolis.....	106	Ingram.....	86	Pollett.....	129
Apple.....	121	Inhabitants.....	61	Pomquet.....	39c
Baddeck.....	50	Irish.....	131a	Portapique.....	118
Baie Verte.....	31e	Isaac's Harbour.....	68	Pugwash.....	33a
Barachois.....	48	Jacquet.....	6	Quoddy.....	76
Barney's.....	38a	Jordan.....	96	Renous.....	149
Barrington.....	99	Kedgwick.....	1	Restigouche.....	2
Bartholomew.....	147	Kennebecasis.....	134	Richibucto.....	27
Bartibog.....	19	Kennetcook.....	110a	River Hebert.....	122
Bass, Gloucester Co.....	12	Keswick.....	145	River John.....	37
Bass, Colchester Co.....	118a	Kirby.....	79	River Philip.....	33
Bay Duvin.....	23	Kouchibouguac.....	25	River Tillard.....	60
Bear.....	103	Kouchibouguacis.....	26	Rocky Run.....	82c
Benjamin.....	5	LaHave.....	90	Roseway.....	97
Big Salmon.....	131	Larry's.....	66	Round Hill.....	105
Black, Northumberland Co.....	22	Lawrencetown Lake (Salmon River).....	83	Sable.....	95
Black, Kent Co.....	24	Lequille.....	104	Sackville.....	84
Black, Saint John Co.....	133	Liscomb.....	73	Saint John.....	135
Broad.....	94	Little, Gloucester Co.....	10	Saint Croix, Charlotte Co.....	140
Buctouche.....	29	Little, Saint John Co.....	133b	Saint Croix, Hants Co.....	110
Burnt Church.....	18a	Little Bass.....	118b	Saint Mary's.....	71
Cains.....	146	Little Salmon (Lake Major).....	83a	Salmon, Cape Breton Co.....	55
Canaan.....	141	Little Southwest Miramichi.....	150	Salmon, Colchester Co.....	113
Caraquet.....	13	Little Tracadie.....	16	Salmon, Digby Co.....	101
Catalone.....	53	Lorraine Brook.....	53a	Salmon, Guysborough Co.....	64
Charlo.....	4a	Mabou.....	42	Salmon, Halifax Co.....	81a
Cheticamp.....	44	Maccan.....	123	Salmon, (Port Dufferin).....	77
Chezzetcook.....	82a	Magaguadavic.....	138	Salmon, Victoria Co. N.B.....	154
Chiganois.....	114a	Margaree.....	43	Salmon, Queens Co. N.B.....	143
Clam Harbour.....	62	Marie Joseph.....	58	Scoudouc.....	31a
Clyde.....	98	Martins Brook.....	89a	Sevogle.....	151
Cocagne.....	30	Medway.....	92	Shediac.....	31
Cockpish.....	28	Mersey.....	93	Shepody.....	126
Cole Harbour.....	65	Middle, Gloucester Co.....	9	Shinimikas.....	32a
Cornwallis.....	108	Middle, Lunenburg Co.....	88	Ship Harbour.....	81
Country Harbour.....	69	Middle, Pictou Co.....	38	Shubenacadie.....	111
Coverdale.....	128	Middle, Victoria Co.....	51	Sissiboo.....	102
Crooked Creek.....	125a	Midgell, P.E.I.....	41	South, Antigonish Co.....	39b
Debert.....	115	Millstream.....	7	South Caraquet.....	14
Demoiselle Creek.....	125	Mira.....	52	Southwest Miramichi.....	20
Digdeguash.....	139	Morell, P.E.I.....	40	Stewiacke.....	112
Diligent.....	120	Moser, Halifax Co.....	75	Tabusintac.....	18
Dungarvon.....	148	Mosher, Saint John Co.....	132	Tangier.....	80
East, Lunenburg Co.....	87	Mushamush.....	89b	Tantramar.....	124a
East, Pictou Co.....	39	Musquodoboit.....	82	Taylor Bay Brook.....	78b
East, Sheet Harbour.....	78	Napan, Northumberland Co.....	21	Tetagouche.....	8
Economy.....	119	Nappan, Cumberland Co.....	124	Three Fathom Harbour Brook.....	82b
Ecum Secum.....	74	Nashwaak.....	144	Tidnish.....	32
Eel.....	4	Necum Teuch (Smith Brook).....	74a	Timber.....	31c
Folly.....	116	Nepisiguit.....	11	Tobique.....	153
Framboise.....	57	Nerepis.....	135a	Tracadie.....	17
French.....	35	New.....	136	Turtle Creek.....	128a
Gaspereau, Cape Breton Co.....	56	New Harbour.....	67	Tusket.....	100
Gaspereau, Kings Co.....	109	Nictaux.....	107	Upsalquitch.....	3
Gaspereau Brook.....	72	Nigadoo.....	6a	Wallace.....	34
Gaspereau, Westmorland Co.....	31d	Nine Mile.....	85	Waugh.....	36
Gegogan Brook.....	70a	North, Colchester Co.....	114	Waweig.....	139a
Gerratt Brook.....	54	North, Victoria Co.....	49	Weldon Creek.....	128b
Gold.....	89	North Aspy.....	45	West, Albert Co.....	126a
Grand.....	59	Northwest Miramichi.....	152	West, Antigonish Co.....	39a
Great Village.....	117	Oromocto.....	142	West, Pictou Co.....	37a
Guysborough.....	63	Paradise Brook.....	105a	West, Queens Co. P.E.I.....	40a
Hammond.....	133a	Petitcodiac.....	130	West, Sheet Harbour.....	78a
Harrington.....	119a	Petite Riviere.....	91		

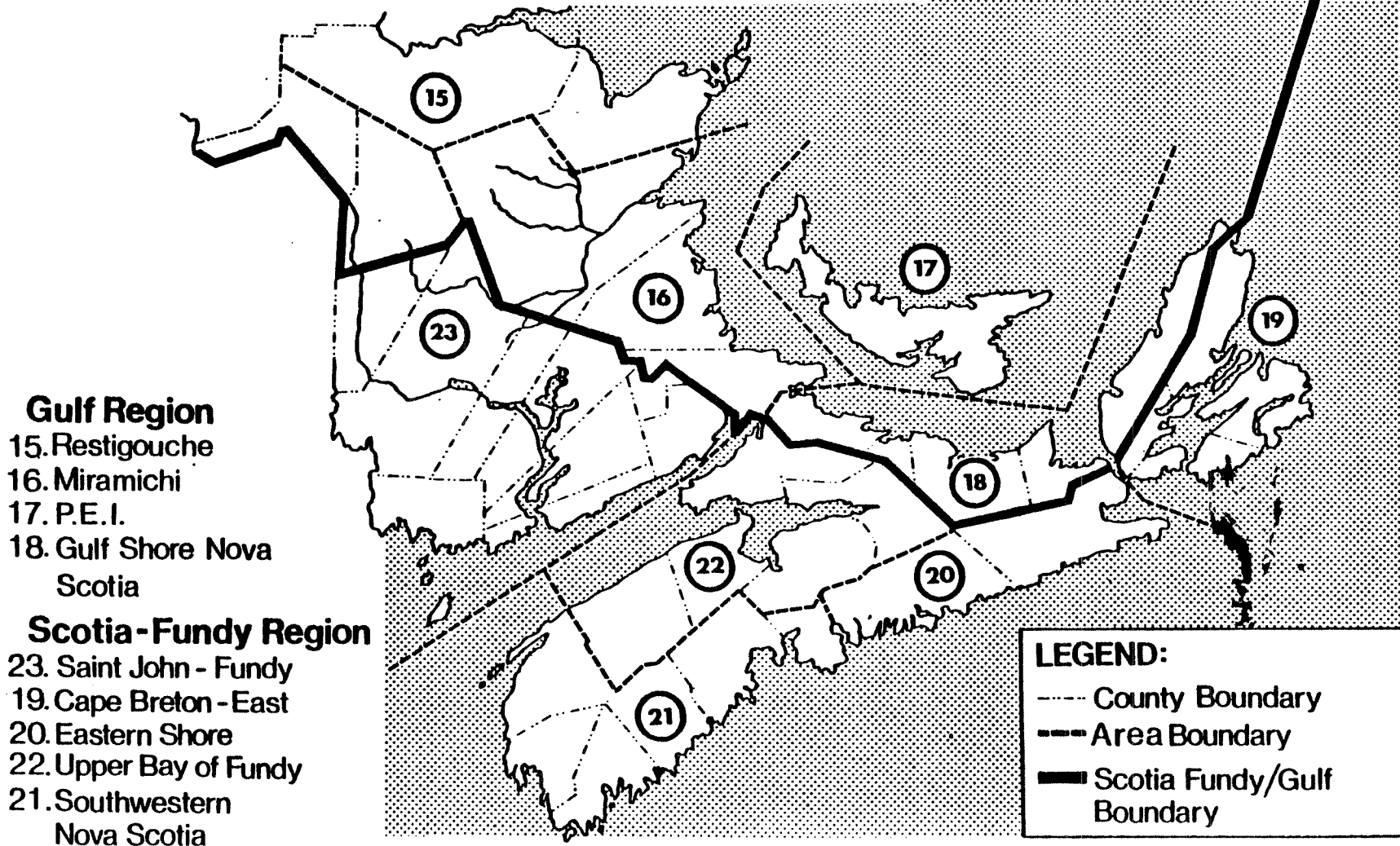


Atlantic salmon angling rivers, Maritime Provinces

Numerical index to map

Kedgwick	1	Mira	52	Paradise Brook	105a
Restigouche	2	Catalone	53	Annapolis	106
Upsalquitch	3	Lorraine	53a	Nictaux	107
Eel	4	Gerratt Brook	54	Cornwallis	108
Charlo	4a	Salmon (Cape Breton Co.)	55	Gaspereau (Kings Co.)	109
Benjamin	5	Gaspereau (Cape Breton Co.)	56	St. Croix (Hants Co.)	110
Jacquet	6	Framboise	57	Kennetcook	110a
Nigadoo	6a	Marie Joseph	58	Shubenacadie	111
Millstream	7	Grand	59	Stewiacke	112
Tetagouche	8	River Tillard	60	Salmon (Colchester Co.)	113
Middle (Gloucester Co.)	9	Inhabitants	61	North (Colchester Co.)	114
Little (Gloucester Co.)	10	Clam Harbour	62	Chiganois	114a
Mepisiguit	11	Guysborough	63	Debert	115
Bass (Gloucester Co.)	12	Salmon (Guysborough Co.)	64	Folly	116
Caraget	13	Cole Harbour	65	Great Village	117
South Caraget	14	Larry's	66	Portapique	118
Pokemouche	15	New Harbour	67	Bass (Colchester Co.)	118a
Little Tracadie	16	Isaac's Harbour	68	Little Bass	118b
Tracadie	17	Country Harbour	69	Economy	119
Tabusintac	18	Indian	70	Harrington	119a
Burnt Church	18a	Gegogan	70a	Diligent	120
Bartibog	19	St. Mary's	71	Apple	121
Southwest Miramichi	20	Gaspereau Brook	72	River Hebert	122
Napan (Northumberland Co.)	21	Liscomb	73	Maccan	123
Black (Northumberland Co.)	22	Ecum Secum	74	Napan (Cumberland Co.)	124
Bay du Vin	23	Necum Teuch (Smith Brook)	74a	Tantramar	124a
Black (Kent Co.)	24	Moser (Halifax Co.)	75	Demoiselle	125
Kouchibouguac	25	Quoddy	76	Crooked Creek	125a
Kouchibouguacis (R. St. Louis)	26	Salmon - Port Dufferin	77	Shepody	126
Richibucto	27	East River Sheet Harbour	78	West (Albert Co.)	126a
Chockpish	28	West River Sheet Harbour	78a	Alma	127
Buctouche	29	Taylor Bay Brook	78b	Pointe Wolfe	127a
Cocagne	30	Kirby	79	Coverdale	128
Shediac	31	Tangier	80	Turtle Creek	128a
Scoudouc	31a	Ship Harbour	81	Weldon Creek	128b
Aboujagans	31b	Salmon (Halifax Co.)	81a	Pollett	129
Timber	31c	Musquodoboit	82	Petitcodiac	130
Gaspereau (Westmorland Co.)	31d	Chezatcook	82a	Big Salmon	131
Baie Verte	31e	Three Fathom Harbour Brook	82b	Irish	131a
Tidnish	32	Rocky Run	82c	Mosher (Saint John Co.)	132
Shinimicas	32a	Salmon (Lawrencetown Lake)	83	Black (Saint John Co.)	133
River Philip	33	Little Salmon River (Lake Major)	83a	Hammond	133a
Pugwash	33a	Sackville	84	Little (Saint John Co.)	133b
Wallace	34	Nine Mile	85	Kennebecasis	134
French	35	Ingram	86	Saint John	135
Waugh	36	East (Lunenburg Co.)	87	Nerepis	135a
River John	37	Middle (Lunenburg Co.)	88	New	136
West (Pictou Co.)	37a	Gold	89	Pocologan	137
Middle (Pictou Co.)	38	Martins Brook	89a	Magaguadavic	138
Barney's	38a	Mushamush	89b	Digdequash	139
East (Pictou Co.)	39	Lallave	90	Waveig	139a
West (Antigonish Co.)	39a	Petite Riviere	91	St. Croix (Charlotte Co.)	140
South (Antigonish Co.)	39b	Medway	92	Canaan	141
Pomquet	39c	Hersey	93	Oromocto	142
Morell	40	Broad	94	Salmon (Queens Co., N.B.)	143
West (Queens Co.)	40a	Sable	95	Nashwaak	144
Hidgell	41	Jordan	96	Keavick	145
Mabou	42	Roseway	97	Cains	146
Margaree	43	Clyde	98	Bartholomew	147
Chaticamp	44	Barrington	99	Dungarvon	148
North Aspy	45	Tusket	100	Renous	149
Ingonish	46	Salmon (Dlby Co.)	101	Little Southwest Miramichi	150
Indian Brook	47	Siasiboo	102	Sevogle	151
Barachois	48	Bear	103	Northwest Miramichi	152
North ()	49	Lequille	104	Tobique	153
Baddeck	50	Round Hill	105	Salmon (Victoria Co.)	154
Middle (Victoria Co.)	51				
Aconi Brook	51a				

SALMON FISHING AREAS



SALMON RIVERS BY FISHING AREA

Fishing Areas	Rivers
<u>Gulf Region</u>	
15 Restigouche	Kedgwick, Restigouche, Patapedia, Upsalquitch, Charlo, Eel, Benjamin, Jacquet, Nigadco, Millstream, Tetagouche, Middle (Gloucester Co.), Little, Nepisiguit, Bass, Caraquet, South Caraquet, Pokemouche, Little Tracadie, Tracadie.
16 Miramichi	Tabusintac, Burnt Church, Bartibog, Southwest Miramichi, Napan (Northumberland Co.), Black (Northumberland Co.), Bay du Vin, Black (Kent Co.), Kouchibouguac, Kouchibouguacis, Shediac, Richibucto, Cockfish, Buctouche, Cocagne, Scoudouc, Aboushagan, Timber, Gaspereau (Westmorland Co.), Baie Verte, Cains, Bartholomew, Dungarvon, Renous, Little Southwest Miramichi, Sevogle, Northwest Miramichi.
17 Prince Edward Island	Morell, West (Queens Co.), Midgell.
18 Gulf Shore Nova Scotia	Shinimikas, Tidnish, River Phillip, Wallace, Pugwash, French, Waugh, River John, West (Pictou Co.), Middle (Pictou Co.), Barney's, East (Pictou Co.), West (Antigonish Co.), South (Antigonish Co.), Pomquet, Mabou, Margaree, Cheticamp.
<u>Scotia-Fundy Region</u>	
23 Saint John	Tantramar, Demoiselle Creek, Crooked Creek, Sheccy, West (Albert Co.), Alma, Point Wolfe, Coverdale, Turtle Creek, Weldon Creek, Pollett, Petitcodiac, Big Salmon, Irish, Mosher (Saint John Co.), Black (Saint John Co.), Hammond, Little (Saint John Co.), Kennebecasis, Saint John, Nerepis, New, Pocologan, Magaguadavic, Digdeguash, Wawef, St. Croix, Canaan, Oromocto, Salmon (Queens Co.), Nashwaak, Keswick, Tobique, Salmon (Victoria Co.).
19 Cape Breton East	North Aspy, Ingonish, Indian Brook, Barachois, North (Victoria Co.), Baddeck, Aconi Brook, Middle (Victoria Co.), Mira, Lorraine Brook, Catalone, Gerratt Brook, Salmon (Cape Breton Co.), Gaspereau (Cape Breton Co.), Framboise, Marie Joseph, Grand, River Tillard, Inhabitants.
20 Eastern Shore Nova Scotia	Clam Harbour, Guysborough, Salmon (Guysborough Co.), Cole Harbour, Larry's, New Harbour, Isaac's Harbour, Country Harbour, Gegogan Brook, Indian, St. Mary's, Gaspereau Brook, Liscomb, Necum Teuch, Ecum Secum, Moser (Halifax Co.), Quoddy, Salmon (Port Dufferin), West (Sheet Harbour), Taylor Bay Brook, East (Sheet Harbour), Kirby, Tangier, Ship Harbour, Salmon (Halifax Co.), Musquodoboit, Chezzetcook, Three Fathom Harbour Brook, Rocky Run, Lawrencetown Lake (Salmon River), Little Salmon (Lake Major), Sackville.
22 Upper Bay of Fundy	Bear, Lequille, Paradise, Round Hill, Annapolis, Nictaux, Cornwallis, Gaspereau (Kings Co.), St. Croix (Hants Co.), Kennetcook, Shubenacadie, Stewiacke, Salmon (Colchester Co.), North (Colchester Co.), Chiganois, Debert, Folly, Great Village, Portapique, Bass (Colchester Co.), Little Bass, Economy, Harrington, Diligent, Apple, River Hebert, Maccan, Nappan (Cumberland Co.).
21 Southwest Nova Scotia	Nine Mile, Ingram, East (Lunenburg Co.), Middle (Lunenburg Co.), Gold, Martins Brook, Mushamush, LaHave, Petite Riviere, Medway, Mersey, Broad, Sable, Jordan, Roseway, Clyde, Barrington, Tusket, Salmon (Digby Co.), Sissiboo.

Appendix 2

Calculation of catch and effort estimates

Nova Scotia salmon anglers are required to complete and return catch and effort cards, which are attached to their licenses. Some cards are returned without prompting, but up to three reminder letters are sent to prompt non-respondents. As a result, cards are identified as belonging to one of four response categories: voluntary, post-prompt 1, post-prompt 2, or post-prompt 3. In spite of the numerous prompts, however, overall response was somewhat less than 100% in 1986. Consequently, catch and effort by non-respondents had to be calculated.

The extrapolation of reported data to account for non-response was accomplished using a three step process: (1) estimating the additional province-wide effort expended by non-respondents, (2) proportioning that effort across all rivers according to the effort observed on those rivers, and (3) estimating the total catch on each river by regressing catch on effort and determining total catch at an effort level which incorporates the estimate of unreported effort. Alternatively, if effort information was insufficient, catches were calculated by using a modified ratio method (see 3(b)).

Mathematical representation of the three steps.

1. Ln Cum effort per response category is regressed on Ln Cum returns per response category so that $\text{Ln Cum } E = a + b \text{ Ln Cum } X$. Cum E and Cum X refer to cumulative effort and returns, respectively. The equation is solved for X equal to the total number of licenses sold in the province.

i.e., $\text{Ln } \hat{E} = a + b \text{ Ln (Total license sales)}$
where \hat{E} is the estimated total effort.

The estimated unreported effort (\hat{E}_u) is found by subtracting the overall total reported or observed effort (E), regardless of category, from the estimated total effort (\hat{E}):

$$\hat{E}_u = \hat{E} - E$$

2. For river i, estimated total effort (\hat{e}_i) is calculated as follows:

$$\hat{e}_i = \frac{\hat{e}_1}{E} \times \hat{E}_u + e_i$$

where e_i is reported effort on river i.

3.(a) For river i, total estimated catch (\hat{c}_i) is arrived at by regressing cumulative catch (Cum c_i) on cumulative effort (Cum e_i) for river i for the four categories, so that:

$$\text{Ln Cum } c_i = a' + b' \text{ Ln Cum } e_i$$

The equation is solved for Cum e_i equal to \hat{e}_i , the total estimated effort on that river.

$$\text{i.e., Ln } \hat{c}_i = a' + b' \text{ Ln } \hat{e}_i$$

(b) On some rivers, however, cumulative catch can not be regressed on cumulative effort due to the small number of anglers who reported fishing on those rivers. In such instances where there is no reported effort on a particular river for a response category, the estimate of total catch is calculated by a ratio method, as follows:

An estimate of total provincial catch (\hat{C}) is determined by regression as described in 1 to 3(a) above. The ratio of estimated catch (\hat{C}) to observed provincial catch (C) is then applied to the observed catch for each river (c_i) on which effort data for the four categories is incomplete.

$$\hat{c}_i = \frac{\hat{C}}{C} \times c_i$$

where \hat{c}_i is estimated catch for river i.

RIVERS ON WHICH REGRESSION PROCEDURES WERE UTILIZED

Annapolis
Apple
Baddeck
Catalone
Cheticamp
Country Harbour
Debert
East: Pictou Co.
Ecum Secum
Folly
Framboise (Giant Lake System)
Gold
Grand
Kirby
LaHave
Liscomb
Lorraine Brook
Maccan
Margaree
Medway
Mersey
Middle: Victoria Co.
Moser
Mushamush
Musquodoboit
North : Colchester Co.
North : Victoria Co.
Petite Riviere
Port Dufferin
River Philip
River Tillard
Saint Croix
Saint Mary's
Salmon: Cape Breton Co.
Salmon: Colchester Co.
Salmon: Digby Co.
Salmon: Guysborough Co.
Salmon: Halifax Co.
Ship Hbr. L. Charlotte
Shubenacadie
Stewiacke
Tangier
Tusket
Wallace
West: Antigonish Co.
West: Pictou Co.
West Sheet Harbour

RIVERS ON WHICH RATIO PROCEDURES WERE
UTILIZED

Aconi Brook		Rocky Run Porters L.
Barachois		Roseway
Barney's		Round Hill
Barrington		Saint Esprit
Bass		Saint Francis
Bear		Shinimikas
Broad		Sissiboo
Chezzetcook		South
Chiganois		Taylor Bay Brook
Clam Harbour		Three Fathom Harbour Brook
Clyde		Tidnish
Cole Harbour		Waugh
Cornwallis		East Colchester
Diligent		Mabou
East: Lunenburg Co.		Northwest Brook (River Ryan)
East: Sheet Harbour		Ramshead (Ramsey)
Economy		River Deny's
French		Skye
Gaspereau: C. Breton Co.		Clyburne
Gaspereau: Kings Co.		Sydney
Gaspereau: Brook		Sutherland
Gegogan		Little Lorraine
Gerratt		Wright
Great Village		River Bennett
Guysborough		Tracadie
Harrington		
Halfway Brook		
Indian Brook		
Ingonish		
Ingram		
Inhabitants		
Isaac's Harbour		
Jordan		
Kennetcook		
Larry's		
Lawrencetown Lake	(Salmon River)	
Lequille		
Little Bass		
Little Salmon	(Lake Major)	
Martins		
Marie Joseph		
Meander (Avon)		
Middle: Lunenburg Co.		
Middle: Pictou Co.		
Mira		
Nappan		
Necum Teuch	(Smith Brook)	
New Harbour		
Nictaux		
Nine Mile		
North Aspy		
Paradise Brook		
Pomquet		
Portapique		
Pugwash		
Quoddy		
River Hebert		
River John		