

MASTER
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Summary of 1995-96 Spawning-Ground Surveys And Commercial Catch in Tomales Bay.

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Table 1. Tomales Bay Herring Spawn Data, 1995-96 season.

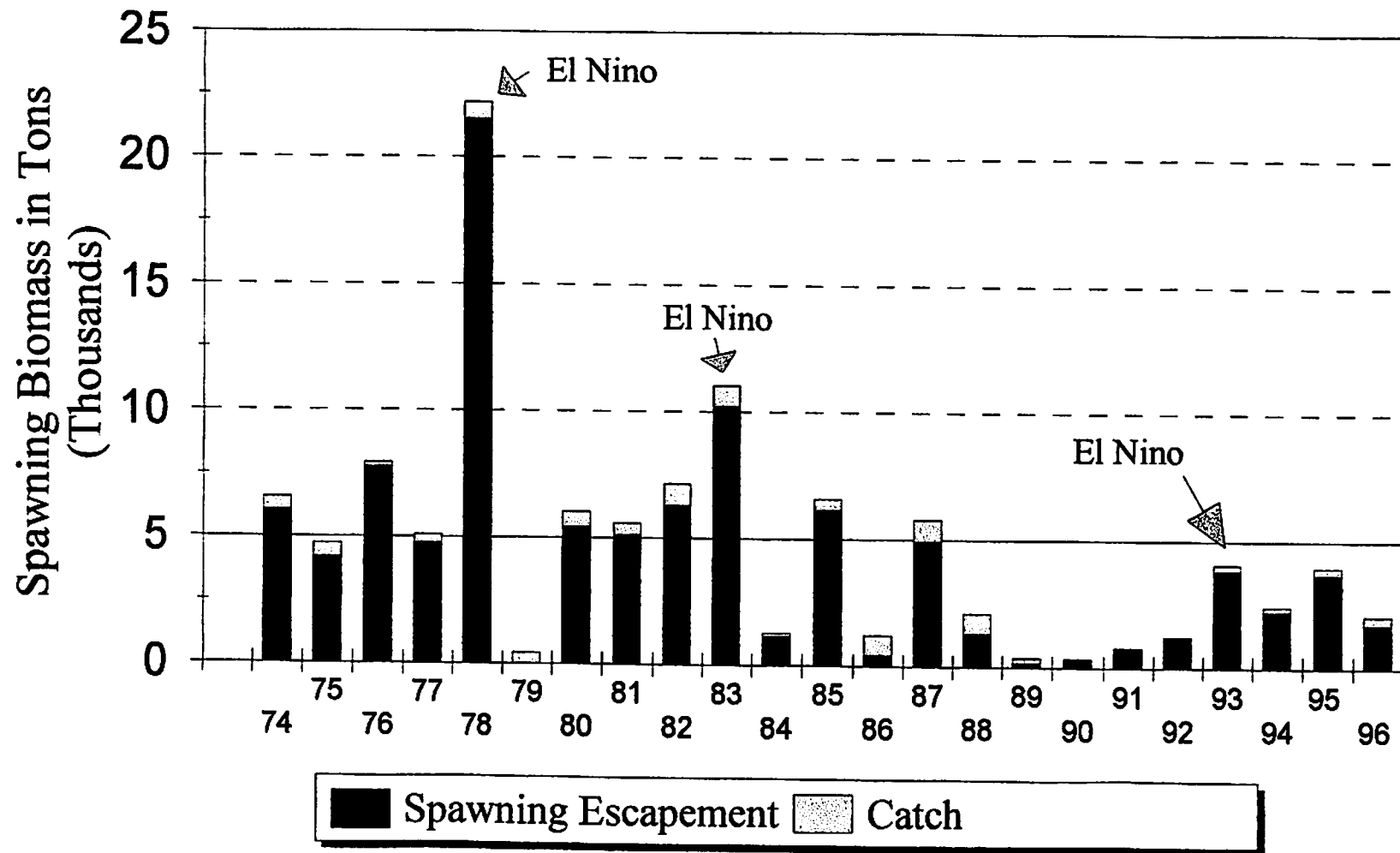
Date	Location	Area M ²	Eggs/ M ²	Millions of Eggs	Conversion Factor X 10 ⁻⁸	Tons
26-Nov-95	1A	47,407	129,139	6,120	1.38	84
12-Dec-95	1A	47,407	630,841	29,900	1.38	413
	1	7,186	509,726	3,660	1.38	51
	2	7,364	1,249,504	9,200	1.38	127
28-Dec-95	1A	47,407	622,670	29,500	1.07	316
	1B	20,758	303,902	6,310	1.07	67
	1	7,540	741,614	5,590	1.07	60
	2	7,364	47,090	347	1.07	4
02-Jan-96	3	885	187,377	166	1.07	2
17-Jan-96	1A	47,407	943,354	4,470	0.97	48
	2	5,065	335,388	1,700	0.97	16
	Heart's Desire	---	---	---	---	***
21-Jan-96	1	7,540	380,244	2,870	0.97	28
	2	2,299	190,851	439	0.97	4
22-Jan-96	*	5,462	40,966	224	0.97	3
29-Jan-96	26	80,054	121,154	9,700	0.97	94
	27	4,328	23,826	337	0.97	1
	27 South	---	---	---	---	***
17-Feb-96	28A	42,358	481,854	20,400	0.97	198
	**	23,953	801,250	19,200	***	186
27-Feb-96	1A	10,492	23,768	249	0.97	2
	1	7,185	8,965	64	0.97	1
TOTAL						1,704

* Rocky intertidal zone to the south of Laird's Landing

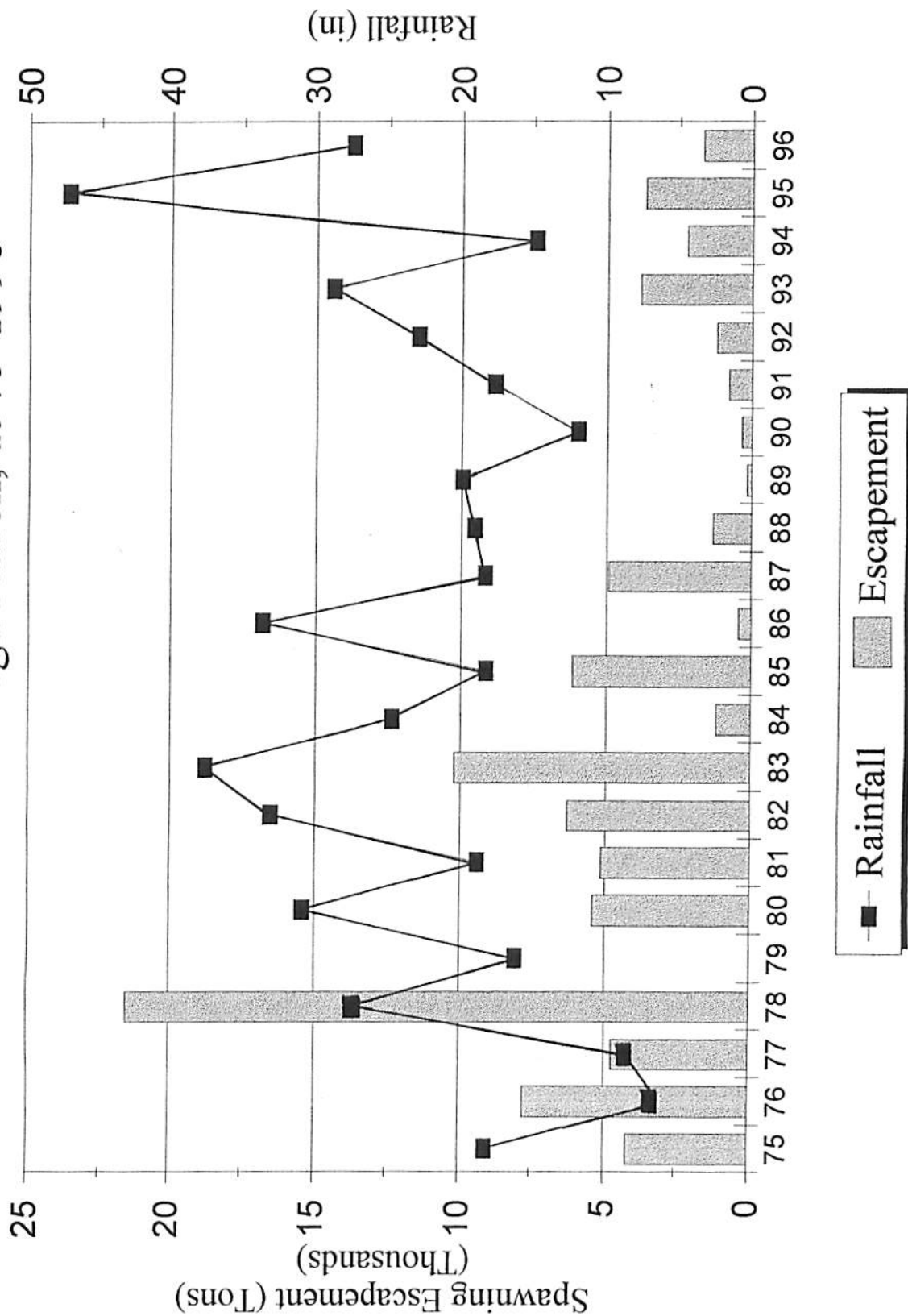
** Rocky intertidal zone from Marconi Cove to Bed 28A

*** Trace Spawn, < 0.5 Tons

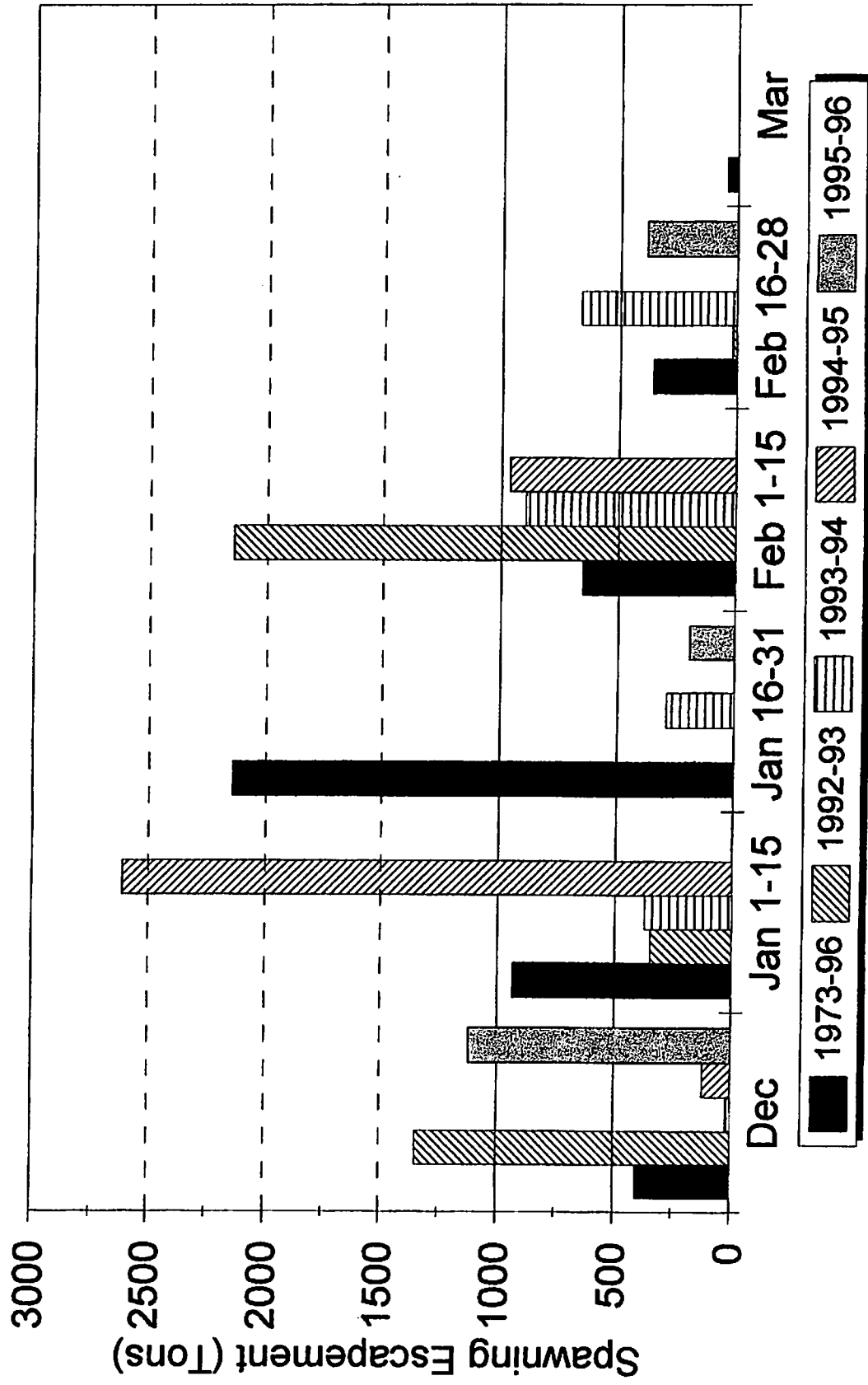
Tomales Bay Herring Biomass Estimates, 1974-1996



Spawning Escapement versus Rainfall for November through March, 1975-1996



Distribution of Spawning Escapement Over Time, 1973-96,
1992-93, 1993-94, 1994-95 and 1995-96



Average Spawn Density and Total Escapement of Pacific Herring in Tomales Bay for the Years 1990-1996

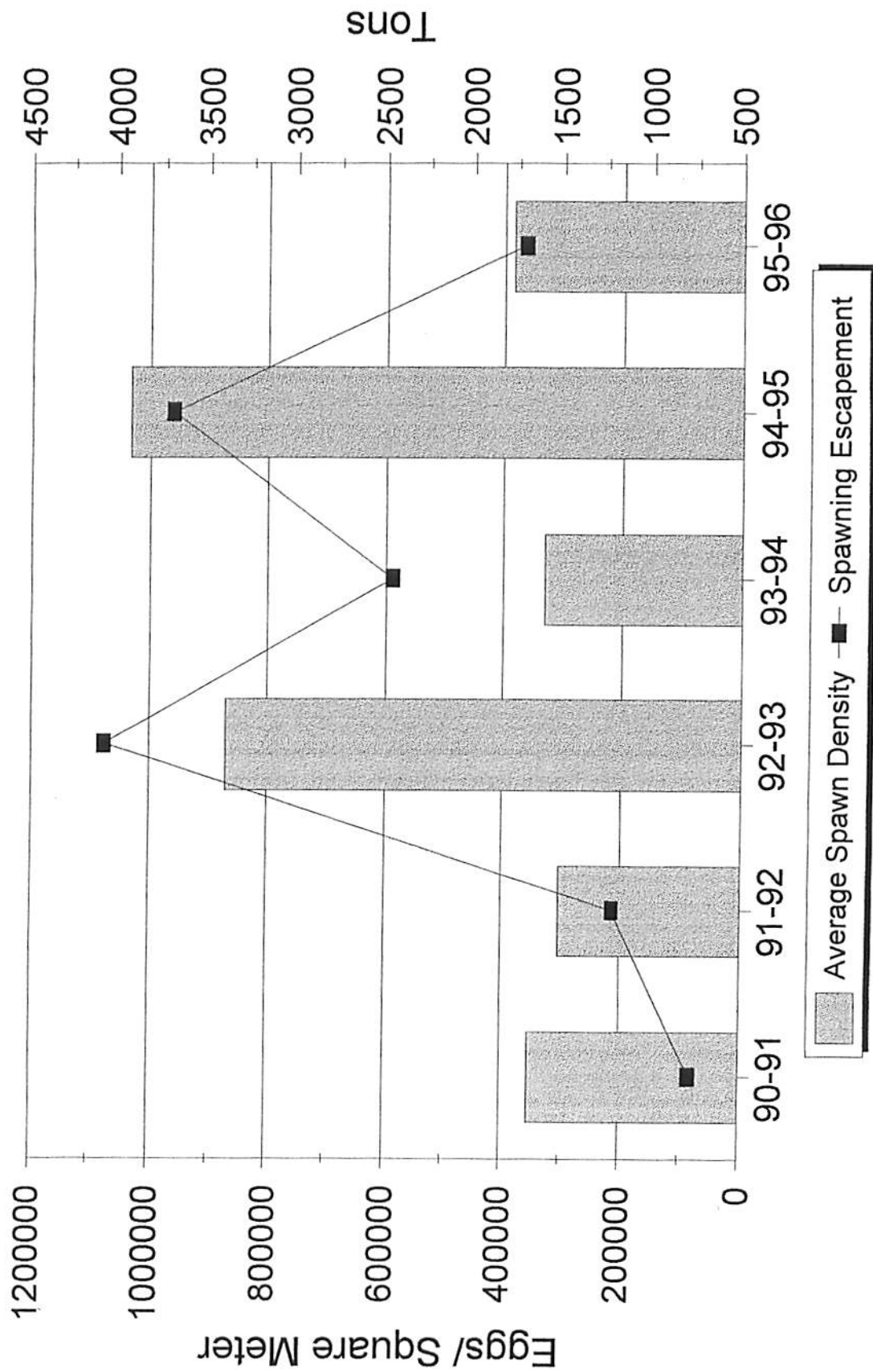


Table 2. Daily Landings by Tomales Bay Gillnet Fleet for 1995-96 Season.

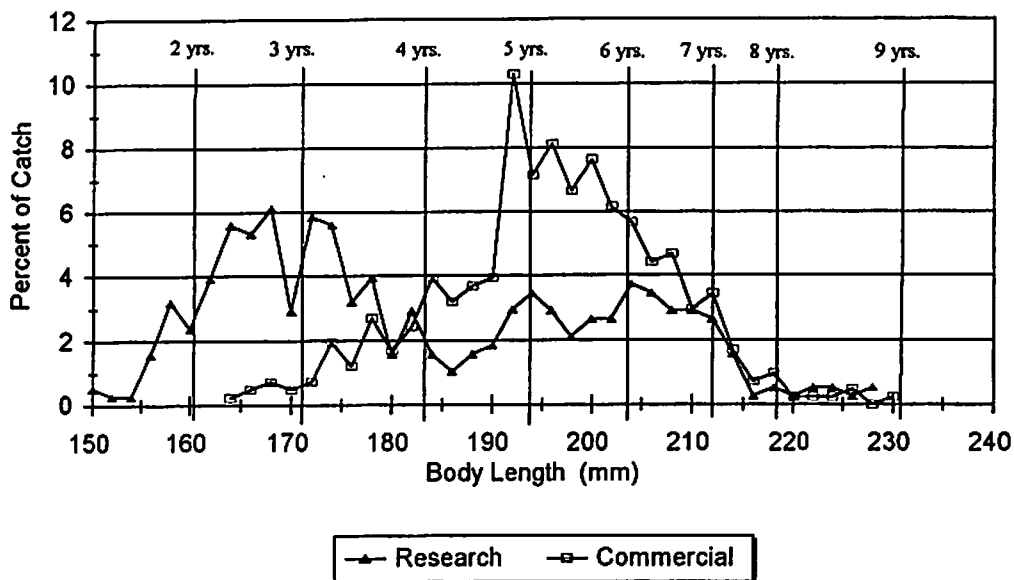
	Pounds	Tons	Tickets	Lbs/ Ticket	Roe Count
02-Jan-96	74,546	37	38	1,962	12.4
03-Jan-96	20,496	10	31	661	11.7
18-Jan-96	163,823	82	42	3,901	13.7
19-Jan-96	662	0.33	2	331	14.0
22-Jan-96	170,218	85	44	3,868	13.9
23-Jan-96	2,585	1	2	1,293	14.4
26-Jan-96	45,642	23	25	1,825	12.6
29-Jan-96	232,601	116	50	4,652	14.7
TOTALS	710,573	355	234	3,037	13.8

Table 3. Mean Length (mm BL) of the Tomales Bay commercial gill net catch.

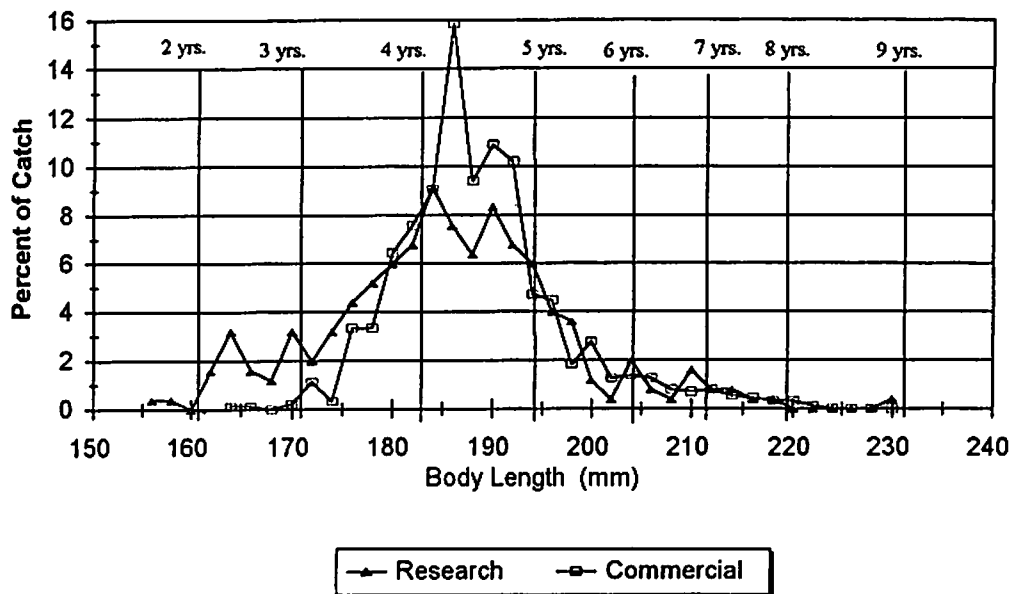
Date	Mean Length	Sex Ratio M/F		
02&03-Jan-96	190.4	47.1/52.9		
18-Jan-96	189.5	40/60		
22-Jan-96	191.5	53.3/46.7		
26&29-Jan-96	188.3	40.5/59.5		
Historical Lengths of commercial gill net catch				
6 Year Average	1992-93*	1993-94*	1994-95*	1995-96*
197.5	196.4	197.3	195.5	189.2

*Switched to 2-1/8 inch mesh. Catch entirely from Tomales Bay.

**Length Frequency of Commercial
and Research Catch for 1994-95 Season**



**Length Frequency of Commercial
and Research Catch for 1995-96 Season**



Note: Ages shown on both graphs are from fish caught during the 1994-95 season.

Tomales Bay Spawning Biomass & Percent Catch to Biomass, 1975-1996

