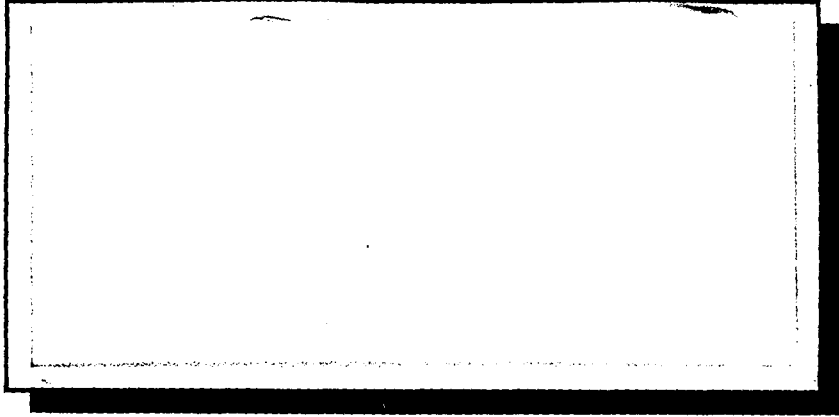


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**Versar** INC.

1985 YEAR CLASS REPORT  
FOR THE HUDSON RIVER ESTUARY  
MONITORING PROGRAM

VOLUME II - APPENDIX TABLES

Prepared for

Consolidated Edison Company  
of New York, Inc.  
4 Irving Place  
New York, New York 10003

Prepared by

Versar, Inc.  
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9200 Rumsey Road  
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Central Hudson Gas and  
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of New York, Inc.  
New York Power Authority  
Niagara Mohawk Power Corporation  
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June 1987

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APPENDIX A

WATER QUALITY

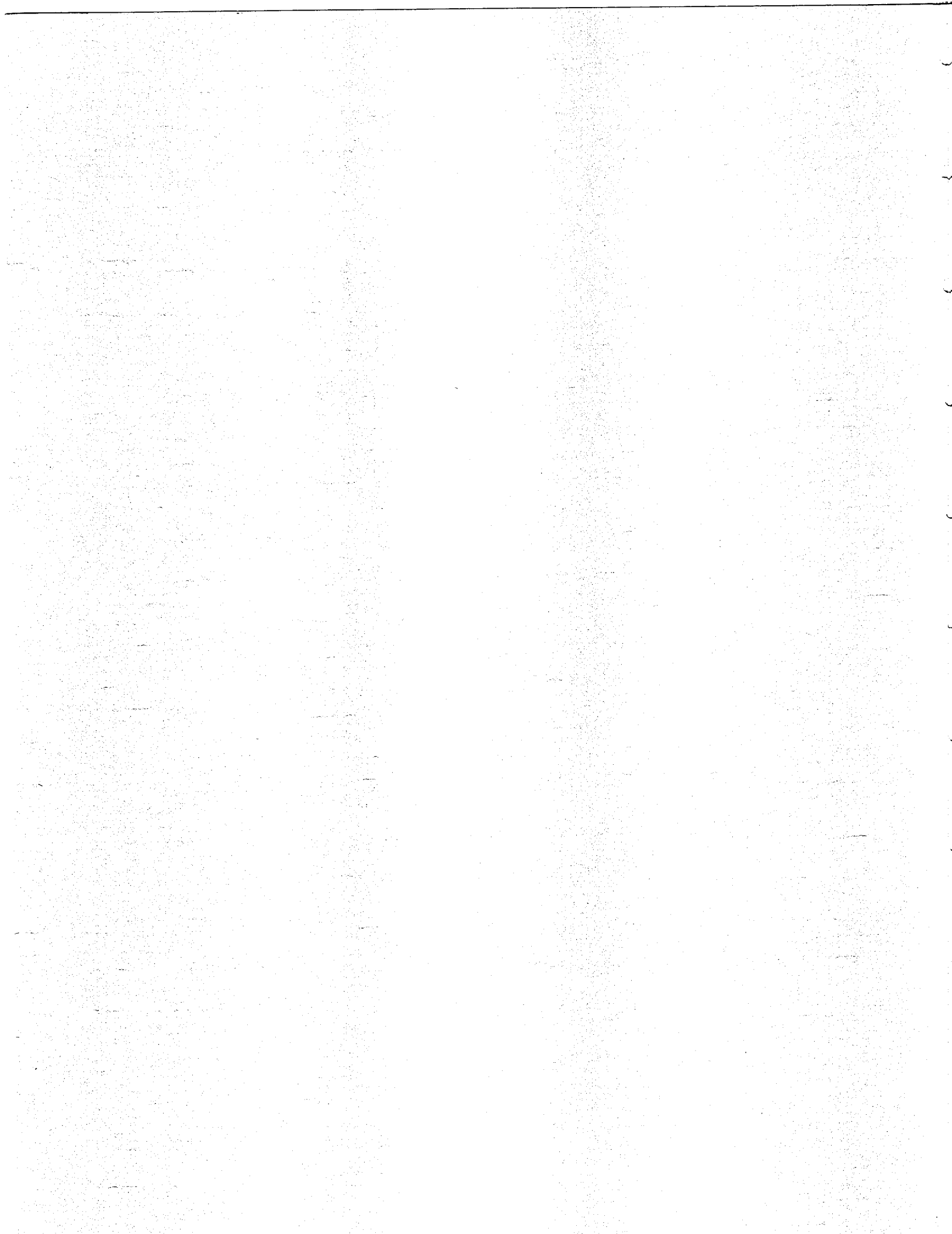


Table A-1. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1985

WEEK BEGINNING MONDAY	REGIONS											
	VK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
29APR85	12.4	12.6	12.6	12.4	12.1	12.3	12.2	12.5	13.5	13.6	13.7	14.0
06MAY85	12.9	13.7	14.1	13.8	13.3	13.6	13.8	14.0	14.1	14.4	14.9	14.7
13MAY85	15.3	17.1	17.6	16.5	15.6	16.1	15.9	15.8	17.1	17.6	17.3	17.3
20MAY85	16.9	17.6	17.8	17.6	17.0	17.2	17.2	17.5	17.7	17.9	18.1	17.5
27MAY85	19.0	19.6	19.9	19.3	18.9	19.0	18.8	19.0	19.3	19.5	19.4	19.7
03JUN85	19.8	20.4	20.9	20.8	19.9	19.7	19.7	19.7	20.0	20.2	20.5	20.2
10JUN85	20.0	20.8	21.0	20.6	20.0	20.0	20.7	20.5	20.6	20.3	20.6	20.6
17JUN85	20.0	21.3	21.4	20.9	20.7	21.0	21.1	20.7	20.8	21.2	21.6	20.7
24JUN85	21.7	22.2	22.1	21.6	20.9	21.3	21.5	21.5	22.9	22.0	22.0	22.2
01JUL85	19.9	21.4	21.9	21.8	21.1	21.8	22.2	21.8	21.8	22.3	22.6	22.2
08JUL85	22.5	23.0	23.3	23.3	22.8	23.0	23.5	23.0	23.7	24.4	25.0	25.3
22JUL85	24.9	24.7	25.9	25.9	25.0	25.3	24.7	24.7	25.2	25.4	25.2	26.0
05AUG85	23.8	24.4	25.4	25.3	24.8	25.0	24.7	24.2	24.1	24.0	24.9	24.7
19AUG85	24.4	24.6	25.2	25.2	24.9	25.0	25.5	25.0	24.9	25.0	25.0	25.8
02SEP85	22.8	23.9	25.0	24.0	23.9	24.1	23.9	24.5	23.7	23.5	23.9	23.0
16SEP85	20.6	20.5	21.7	22.1	22.5	23.0	22.6	22.0	21.3	20.7	20.6	20.9
30SEP85	19.9	19.9	20.7	20.9	21.3	21.2	21.3	20.2	19.9	19.6	20.1	19.4
14OCT85	17.2	17.2	19.0	17.9	17.0	18.2	18.0	16.8	16.1	15.7	15.6	15.3
28OCT85	15.9	14.9	15.4	16.6	15.3	15.3	15.0	13.9	12.8	12.6	12.7	12.1
11NOV85	13.6	13.7	14.7	14.3	13.1	12.8	11.9	10.2	10.0	9.9	9.4	8.9

Table A-2. Mean water temperature (°C) for each region and week of the Beach Seine Survey in 1985

WEEK BEGINNING MONDAY	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
15JUL85	24.6	26.0	26.6	27.0	26.5	25.7	26.6	26.0	26.2	25.3	26.3	24.7
29JUL85	25.4	25.6	25.1	26.6	25.3	23.7	24.6	24.4	24.3	25.0	27.0	25.8
12AUG85	26.0	27.3	28.3	28.2	25.8	28.1	27.7	25.6	25.6	25.9	26.0	25.0
26AUG85	24.2	24.6	26.0	24.7	26.1	26.3	26.1	24.7	25.4	25.4	25.5	24.8
09SEP85	23.0	23.0	23.3	26.0	25.1	24.9	24.8	23.2	23.5	23.8	23.6	23.1
23SEP85	22.0	21.2	21.6	23.4	21.3	20.6	20.8	20.3	20.6	20.4	20.3	19.8
07OCT85	19.2	19.0	19.6	19.8	19.3	19.5	19.7	18.3	16.9	18.0	18.3	16.7
21OCT85	17.3	17.3	17.9	17.7	16.5	15.3	14.0	13.9	13.8	13.1	11.5	10.8
04NOV85	14.5	14.3	14.2	14.5	13.9	12.9	13.7	12.0	11.2	10.4	10.0	10.0
18NOV85	12.5	12.2	12.7	12.9	9.9	9.0	7.9	6.9	7.2	7.7	6.2	5.4

Table A-3. Mean conductivity (mS/cm adjusted to a temperature of 25°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1985

WEEK BEGINNING MONDAY	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
29APR85	11.8	8.5	6.3	5.8	2.0	0.4	0.1	0.1	0.1	0.1	0.1	0.1
06MAY85	15.2	10.7	6.9	3.7	1.6	0.4	0.1	0.1	0.1	0.1	0.1	0.2
13MAY85	16.1	8.7	4.0	3.2	0.7	0.2	0.2	0.1	0.1	0.1	0.2	0.2
20MAY85	15.9	10.6	6.5	3.0	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27MAY85	15.2	10.7	6.6	5.1	1.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2
03JUN85	15.2	10.7	7.8	3.5	1.8	0.5	0.2	0.2	0.2	0.2	0.2	0.2
10JUN85	19.4	10.9	6.9	3.3	3.9	3.2	0.2	0.2	0.2	0.2	0.2	0.3
17JUN85	22.1	.	9.5	6.1	2.7	1.1	0.2	0.2	0.2	0.2	0.2	0.2
24JUN85	18.5	11.2	.	2.8	2.0	0.7	0.2	0.2	0.2	0.2	0.2	0.2
01JUL85	25.0	14.1	9.7	7.9	3.4	1.0	0.2	0.2	0.2	0.2	0.2	0.2
08JUL85	20.2	12.6	8.2	5.9	2.8	0.8	0.4	0.2	0.2	0.2	0.2	0.2
22JUL85	21.1	15.3	.	8.6	3.7	2.6	0.3	.	0.2	0.2	0.2	0.2
05AUG85	19.2	13.7	12.5	6.9	4.0	1.0	0.3	0.3	0.2	0.3	0.2	0.2
19AUG85	20.8	17.0	11.2	9.9	6.5	3.9	0.7	0.2	0.2	0.2	0.2	0.2
02SEP85	21.0	15.1	11.4	8.3	5.3	3.2	0.3	0.2	0.2	0.2	0.2	0.2
16SEP85	19.0	15.6	11.6	8.9	4.8	2.8	0.4	0.2	.	0.2	0.2	0.2
30SEP85	14.9	11.7	8.3	4.1	1.4	0.9	0.3	0.2	0.2	0.2	0.2	0.2
14OCT85	18.3	11.0	7.6	4.1	1.1	0.6	0.2	0.2	0.2	0.2	0.2	0.2
28OCT85	12.1	7.4	4.9	2.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11NOV85	23.2	14.0	7.6	6.6	3.0	2.5	0.6	0.2	0.2	0.2	0.2	0.1

Table A-4. Mean conductivity (mS/cm adjusted to a temperature of 25°C) for each region and week of the Beach Seine Survey in 1985

WEEK BEGINNING MONDAY	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
15JUL85	21.6	14.0	10.3	8.9	2.4	1.5	.	.	0.2	0.2	0.2	0.2	
29JUL85	.	12.9	10.5	7.4	2.6	1.4	.	.	.	0.2	0.2	0.2	
12AUG85	16.2	12.3	10.8	10.8	5.4	3.5	0.5	0.2	0.2	0.2	0.2	0.2	
26AUG85	20.3	14.7	11.6	8.3	5.1	2.3	0.9	0.2	0.2	0.2	0.2	0.2	
09SEP85	18.7	13.9	10.2	7.3	.	.	.	.	0.3	0.2	0.2	0.2	
23SEP85	20.3	13.6	11.6	9.7	.	.	.	.	.	2.2	1.6	1.5	
07OCT85	11.5	7.0	5.6	5.3	0.7	0.3	0.3	0.2	0.2	0.2	0.2	0.2	
21OCT85	10.5	7.0	4.2	1.6	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
04NOV85	10.7	8.9	7.2	5.7	2.1	0.5	.	.	.	.	.	.	
18NOV85	8.6	5.2	2.5	1.7	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	

Table A-5. Mean salinity (ppt) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1985

WEEK BEGINNING MONDAY	REGIONS											
	VK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
29APR85	9.2	6.6	4.7	4.3	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
06MAY85	11.8	7.9	4.9	2.5	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
13MAY85	12.0	5.8	2.5	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20MAY85	11.2	7.1	4.2	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27MAY85	10.3	6.9	4.1	3.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
03JUN85	9.9	6.7	4.7	2.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
10JUN85	13.0	6.8	4.1	1.9	2.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0
17JUN85	14.9	.	5.7	3.6	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
24JUN85	11.8	6.7	.	1.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
01JUL85	17.1	8.8	5.8	4.6	1.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
08JUL85	12.8	7.5	4.7	3.3	1.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0
22JUL85	12.6	8.9	.	4.6	1.9	1.3	0.1	.	0.0	0.0	0.0	0.0
05AUG85	11.7	8.0	7.1	3.7	2.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0
19AUG85	12.5	10.0	6.3	5.5	3.5	2.1	0.3	0.0	0.0	0.0	0.0	0.0
02SEP85	13.2	9.0	6.5	4.7	2.9	1.7	0.1	0.0	0.0	0.0	0.0	0.0
16SEP85	12.4	10.1	7.1	5.3	2.7	1.5	0.2	0.0	.	0.0	0.0	0.0
30SEP85	9.7	7.5	5.1	2.3	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0
14OCT85	12.9	7.5	4.8	2.6	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
28OCT85	8.5	5.2	3.3	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11NOV85	18.4	10.6	5.3	4.6	2.1	1.7	0.3	0.0	0.1	0.1	0.1	0.0





Table A-7. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1985

WEEK BEGINNING MONDAY	REGIONS											
	VK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
29APR85	9.6	10.0	9.8	10.0	10.4	10.3	.	11.3	11.1	10.6	9.9	9.3
06MAY85	8.3	9.6	9.7	9.9	10.1	10.5	10.8	10.6	10.6	10.3	8.4	7.8
13MAY85	8.0	9.7	9.5	9.6	10.2	10.6	10.4	9.8	10.9	11.3	10.0	7.1
20MAY85	8.5	9.9	9.5	9.3	10.1	10.5	9.7	9.3	9.6	10.5	8.1	7.9
27MAY85	8.1	8.5	8.7	9.2	9.4	9.8	9.1	8.1	8.9	10.0	9.7	6.3
03JUN85	8.0	9.2	8.6	7.8	7.8	8.4	8.1	8.3	8.7	9.3	10.3	6.9
10JUN85	6.7	7.8	8.3	7.7	7.8	8.5	7.9	7.9	8.5	8.4	8.9	6.7
17JUN85	6.9	8.4	7.7	7.7	7.7	8.2	7.9	7.7	8.6	9.5	9.6	7.5
24JUN85	8.9	10.3	8.5	7.5	7.6	7.8	7.6	8.2	9.2	8.9	9.2	8.1
01JUL85	4.6	6.3	8.4	8.3	7.7	8.0	7.6	8.2	9.4	10.0	9.9	8.8
08JUL85	5.8	7.3	8.0	7.2	7.1	7.6	7.4	7.6	8.2	8.3	7.8	6.6
22JUL85	5.8	7.2	7.6	6.5	6.0	6.2	7.6	7.9	8.8	9.6	8.3	6.6
05AUG85	6.6	8.4	9.4	7.3	7.6	8.1	7.7	7.8	9.5	10.3	9.1	8.0
19AUG85	5.4	6.3	6.2	6.1	6.0	6.3	5.7	6.3	7.5	8.4	7.3	5.1
02SEP85	5.8	7.2	7.0	7.1	6.8	6.8	5.8	6.0	7.3	7.6	6.9	5.7
16SEP85	6.7	8.4	8.6	7.5	6.9	6.8	6.4	6.7	8.1	8.8	8.3	7.4
30SEP85	7.6	8.3	7.3	6.9	7.2	7.4	7.3	7.9	9.0	8.3	7.4	9.0
14OCT85	6.6	7.9	8.1	7.7	7.9	8.0	7.9	8.2	9.4	10.5	9.7	8.6
28OCT85	8.4	9.3	9.0	8.5	8.9	8.9	8.7	9.4	10.0	10.3	10.0	9.8
11NOV85	8.1	9.2	7.9	8.1	8.5	8.7	9.1	9.8	10.7	10.2	10.1	10.5

Table A-8. Mean dissolved oxygen (ppm) for each region and week of the Beach Seine Survey in 1985

WEEK BEGINNING MONDAY	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
15JUL85	7.5	9.3	10.0	9.4	8.4	7.5	9.2	9.1	11.0	9.1	9.1	7.7
29JUL85	7.8	8.8	8.1	9.4	8.2	9.2	5.6	5.9	7.2	8.2	9.2	6.6
12AUG85	9.8	11.6	9.6	9.8	7.6	9.3	9.4	8.3	10.2	10.8	10.1	7.5
26AUG85	6.3	8.7	8.6	7.1	7.7	8.3	7.2	7.4	8.8	9.1	7.4	6.2
09SEP85	7.1	8.0	9.0	7.5	7.9	7.3	6.1	6.1	7.4	7.6	5.8	6.3
23SEP85	7.7	10.1	10.2	8.4	7.5	7.4	7.2	8.2	8.4	9.5	9.1	7.4
07OCT85	8.6	9.2	10.4	8.4	8.3	9.5	8.6	8.7	8.8	9.2	8.7	7.8
21OCT85	8.9	9.4	9.4	8.3	8.4	8.3	9.0	9.8	10.7	10.0	10.0	9.9
04NOV85	10.0	10.2	9.5	8.6	10.0	9.7	9.0	9.8	10.0	10.1	10.0	10.1
18NOV85	9.2	10.6	10.5	9.8	10.3	10.4	10.3	10.2	10.6	10.9	11.9	12.3

Table A-9. Mean percent oxygen saturation for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1985

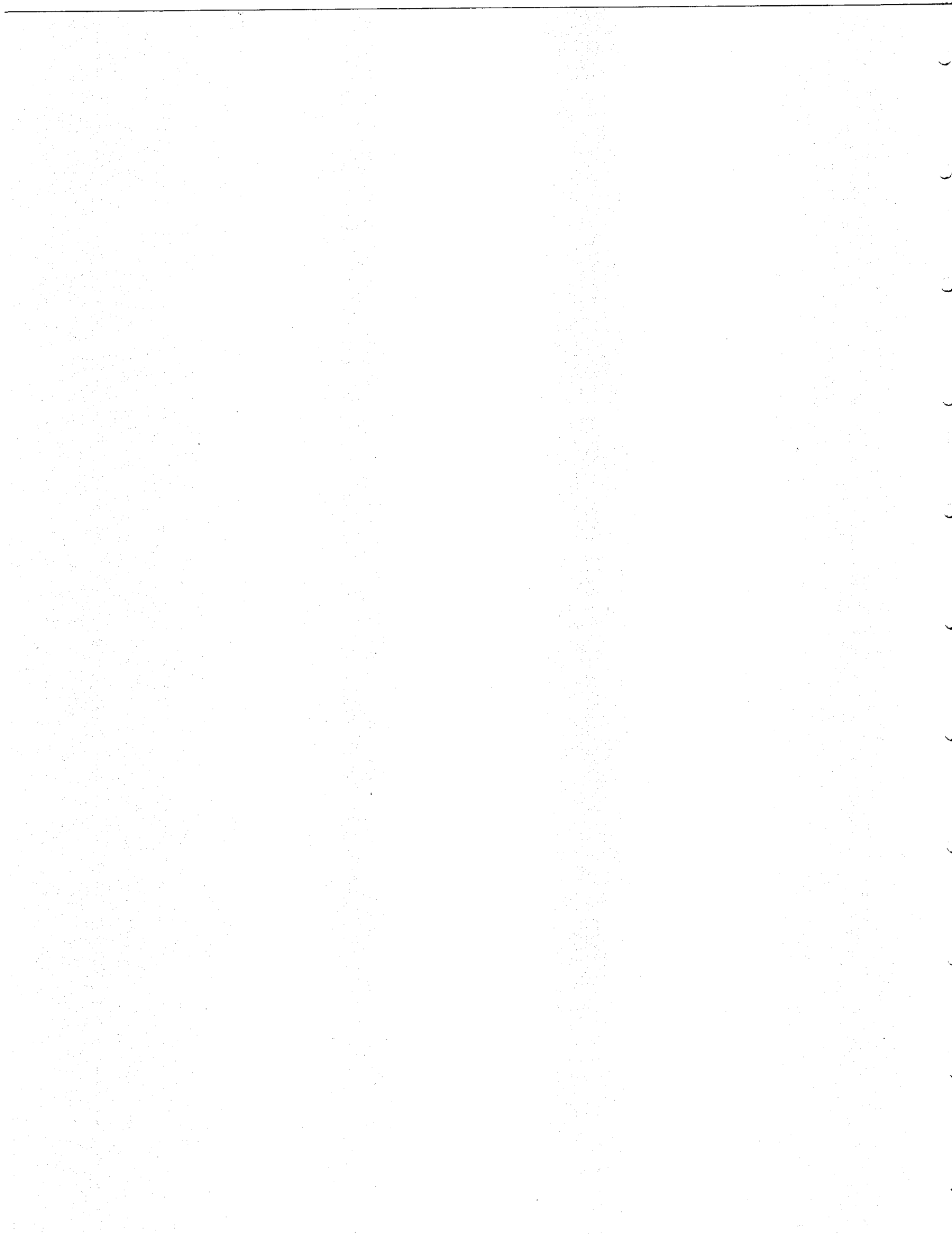
WEEK BEGINNING MONDAY	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
29APR85	95.4	98.3	95.6	96.4	97.3	95.9	.	107	107	101	95.2	90.2
06MAY85	85.8	97.3	97.5	97.0	97.3	101	104	102	103	101	83.5	76.8
13MAY85	86.1	105	102	99.6	103	108	105	99.4	113	119	105	73.9
20MAY85	94.1	109	103	98.3	104	109	101	97.2	101	111	85.5	82.1
27MAY85	93.2	97.5	98.3	101	102	106	97.8	87.5	96.2	109	105	67.5
03JUN85	94.0	107	99.0	84.8	86.2	91.6	88.8	91.0	95.8	103	115	76.4
10JUN85	80.8	91.3	95.3	87.2	86.5	94.1	88.2	88.0	94.7	93.2	99.0	74.1
17JUN85	79.4	.	89.3	88.1	86.6	92.3	88.6	85.4	96.3	107	109	84.0
24JUN85	110	124	.	85.0	85.2	88.5	86.1	93.2	105	102	105	92.8
01JUL85	56.3	75.4	100	96.9	87.0	91.5	87.0	93.6	107	115	115	101
08JUL85	73.1	88.7	96.1	86.0	83.7	88.8	87.1	88.1	96.8	99.5	94.3	79.9
22JUL85	75.9	90.9	.	82.0	73.9	76.4	90.7	.	111	117	100	81.4
05AUG85	84.6	106	120	91.3	93.1	98.5	92.1	92.5	113	123	109	95.7
19AUG85	70.6	81.3	78.2	77.2	74.2	76.7	69.3	76.7	90.1	102	88.0	63.1
02SEP85	73.0	90.3	88.4	87.5	82.4	84.7	64.3	71.6	86.2	88.9	81.3	66.2
16SEP85	80.7	99.4	103	90.1	80.8	80.3	73.9	76.1	.	97.7	93.0	81.3
30SEP85	88.8	95.8	84.1	78.9	81.9	82.6	82.2	86.8	99.2	91.7	81.7	97.7
14OCT85	75.1	86.6	89.9	82.4	81.7	85.3	83.1	84.6	95.8	106	97.3	85.7
28OCT85	89.5	94.9	92.2	87.8	88.6	88.4	86.7	91.2	94.5	96.8	94.4	91.2
11NOV85	88.3	96.7	81.1	81.5	81.8	83.2	84.6	87.2	94.5	89.9	87.9	90.8

Table A-10. Mean percent oxygen saturation for each region and week of the Beach Seine Survey in 1985

WEEK BEGINNING MONDAY	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
15JUL85	97.8	120	129	121	105	92.1	.	.	135	110	112	92.6
29JUL85	.	116	115	120	101	110	.	.	.	112	115	81.0
12AUG85	127	152	127	131	94.8	120	119	101	125	133	125	91.2
26AUG85	81.6	110	110	88.3	96.6	103	88.7	89.0	107	111	89.7	74.6
09SEP85	89.1	98.2	109	94.1	.	.	.	.	86.7	89.6	68.7	73.8
23SEP85	95.9	117	156	103	.	.	.	.	.	110	101	81.5
07OCT85	98.0	102	117	94.4	89.8	103	94.4	92.1	91.3	97.6	92.2	80.6
21OCT85	96.7	100	100	87.9	85.9	82.3	87.0	94.7	103	95.0	91.2	89.3
04NOV85	103	104	96.1	87.0	98.0	92.7	.	.	.	.	.	.
18NOV85	90.2	101	100	93.8	91.4	90.1	86.6	83.8	87.5	91.7	95.6	97.4

APPENDIX B

STANDING CORP ESTIMATES



INDEX OF TABLE NUMBERS FOR APPENDIX B

Species	Longitudinal River Survey		Fall Shoals-Beach Seine Survey
	Eggs/Yolk-Sac Larvae	Post Yolk-Sac Larvae/Young-of-Year	Young-of-Year/Yearling and Older
Striped bass	1-11	34-44	133-142
White perch	12-11	45-55	143-152
American shad	(a)	56-66	153-162
Atlantic tomcod	(a)	67-77	163-172
<u>Alosa</u> sp.	23-33	78-88	(a)
Blueback herring	(a)	89-99	173-182
Alewife	(a)	100-110	183-192
Bay anchovy	(a)	111-121	193-202
Weakfish	(a)	122-132	203-212
White catfish	(a)	(b)	213-222
Spottail shiner	(a)	(b)	223-232
Atlantic sturgeon	(a)	(b)	233-242
Shortnose sturgeon	(a)	(b)	243-252

(a) No table is presented because data for these life stages were not analyzed.

(b) No fish of this life stage were caught.

TABLE B-1

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS EGGS AND YOLK-SAC LARVAE FROM 29APR85 TO 03MAY85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	239	110	NS	0	0	NS
	125	110		0	0	
CORNWALL	270	74	47	0	0	4
	270	74	23	0	0	4
POUGHKEEPSIE	120	0	NS	0	0	NS
	80	0		0	0	
HYDE PARK	630	1405	NS	0	0	NS
	369	1221		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	1258	1589	47	0	0	4
	481	1228	23	0	0	4



TABLE B-2  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS EGGS AND YOLK-SAC LARVAE FROM 06MAY85 TO 10MAY85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS				YOLK-SAC LARVAE			
	CHANNEL		SHOAL		CHANNEL		SHOAL	
	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
WEST POINT	7420	12846	NS	NS	184	0	NS	NS
	3284	9102			136	0		
CORNWALL	11029	751	663	188	468	252	138	86
	3281	302	419	86	284	138		
POUGHKEEPSIE	4534	2638	NS	NS	8564	1665	1055	NS
	2151	721			4038	1055		
HYDE PARK	5386	533	NS	NS	1110	185	92	NS
	1461	206			338	92		
KINGSTON	4193	329	NS	NS	738	477	159	NS
	1124	136			368	159		
SAUGERTIES	0	0	NS	NS	1067	0	0	NS
	0				677	0		
CATSKILL	75	0	NS	NS	0	0	0	NS
	75	0			0	0		
ALBANY	NS	0	NS	NS	NS	0	0	NS
		0						
TOTAL STANDING CROP	32637	17096	663	188	12131	2579	1079	86
	5439	9139	419	86	4137	1079		

TABLE B-3  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS EGGS AND YOLK-SAC LARVAE FROM 13MAY85 TO 17MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	33	0
	0	0	0	0	33	0
INDIAN POINT	816	0	0	844	15	0
	325	0	0	257	15	0
WEST POINT	7154	1165	NS	17452	1287	NS
	1233	408		3267	403	
CORNWALL	3660	3718	540	25675	6083	2489
	1818	1347	171	10835	1606	914
POUGHKEEPSIE	789	236	NS	13601	12735	NS
	408	96		6938	3874	
HYDE PARK	4316	1204	NS	9685	1446	NS
	2805	492		4169	454	
KINGSTON	2053	1426	NS	1029	445	NS
	1930	1426		781	297	
SAUGERTIES	393	41	NS	0	173	NS
	258	41		0	117	
CATSKILL	228	0	NS	0	49	NS
	132	0		0	49	
ALBANY	NS	0	NS	NS	9	NS
		0			9	
TOTAL STANDING CROP	19409	7789	540	68285	22276	2489
	4096	2066	171	13938	4249	914

TABLE B-4  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS EGGS AND YOLK-SAC LARVAE FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	56	0
	0	0	0	0	56	0
INDIAN POINT	33	0	0	698	466	0
	33	0	0	439	197	0
WEST POINT	2765	799	NS	104207	2964	NS
	868	550		24230	1146	
CORNWALL	998	37	16	12259	4901	2809
	998	26	11	10441	1599	1803
POUGHKEEPSIE	5647	262	NS	46118	12669	NS
	2776	153		19996	5809	
HYDE PARK	9189	505	NS	12912	3494	NS
	1961	272		5439	1108	
KINGSTON	3876	0	NS	5389	1379	NS
	2236	0		2137	878	
SAUGERTIES	0	0	NS	845	552	NS
	0	0		845	222	
CATSKILL	0	0	NS	62	294	NS
	0	0		62	294	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	22509	1602	16	182490	26775	2809
	4278	633	11	33630	6308	1803

TABLE B-5  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 EGGS AND YOLK-SAC LARVAE FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS (IN THOUSANDS)  
 ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT  
 SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	NS	2195	77	NS
	0	0	0	1398	57	NS
WEST POINT	945	53	NS	6409	229	NS
	634	27	0	1195	129	0
CORNWALL	0	125	6	796	968	194
	0	71	6	530	259	127
POUGHKEEPSIE	0	14	NS	8874	5839	NS
	0	14	0	5383	3282	0
HYDE PARK	0	0	NS	5460	5526	NS
	0	0	0	2471	2600	0
KINGSTON	85	0	NS	308	1789	NS
	85	0	0	213	827	0
SAUGERTIES	0	28	NS	11043	3281	NS
	0	28	0	10901	2120	0
CATSKILL	0	0	NS	374	687	NS
	0	0	0	269	367	0
ALBANY	NS	0	NS	NS	0	NS
	NS	0	0	NS	0	NS
TOTAL STANDING CROP	1031	219	6	35459	18396	194
	639	82	6	12557	4788	127

TABLE B-6  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS EGGS AND YOLK-SAC LARVAE FROM 03JUN85 TO 07JUN85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	169	483	NS	333	35	NS
	97	348		107	24	
CORNWALL	65	556	0	65	28	10
	65	232	0	65	19	10
POUGHKEEPSIE	0	0	NS	28	81	NS
	0	0		28	47	
HYDE PARK	58	0	NS	172	30	NS
	39	0		67	19	
KINGSTON	85	32	NS	255	0	NS
	85	32		132	0	
SAUGERTIES	0	0	NS	205	243	NS
	0	0		103	133	
CATSKILL	466	93	NS	233	561	NS
	134	93		135	492	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	843	1165	0	1291	978	10
	201	429	0	259	513	10

TABLE B-7  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 EGGS AND YOLK-SAC LARVAE FROM 10JUN85 TO 13JUN85 . STANDARD ERRORS (IN THOUSANDS)  
 ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT  
 SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	51	NS	0	0	NS	0
	51			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	105	0	0
	0	0	0	59	0	0
WEST POINT	113	235	NS	0	0	NS
	113	190		0	0	
CORNWALL	23	0	0	0	0	0
	23	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	168	NS	89	82	NS
	0	124		58	50	
KINGSTON	0	0	NS	205	0	NS
	0	0		75	0	
SAUGERTIES	154	124	NS	149	448	NS
	154	124		149	276	
CATSKILL	74	0	NS	297	89	NS
	74	0		297	45	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	416	527	0	846	618	0
	213	259	0	351	284	0

TABLE B-8  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 EGGS AND YOLK-SAC LARVAE FROM 17JUN85 TO 21JUN85 . STANDARD ERRORS (IN THOUSANDS)  
 ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT  
 SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	79	0	NS	0	0	NS
	79	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	44	32	NS	0	31	NS
	44	32		0	31	
HYDE PARK	186	0	NS	0	0	NS
	186	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	169	0	NS	0	0	NS
	84	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	477	32	0	0	31	0
	223	32	0	0	31	0

TABLE B-9  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 EGGS AND YOLK-SAC LARVAE FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS (IN THOUSANDS)  
 ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT  
 SAMPLED.

REGION	EGGS		YOLK-SAC LARVAE			
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0					
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0				
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	154	NS	0	0	NS
	0	102				
HYDE PARK	0	0	NS	0	0	NS
	0	0				
KINGSTON	0	0	NS	0	0	NS
	0	0				
SAUGERTIES	0	0	NS	0	0	NS
	0	0				
CATSKILL	77	0	NS	80	45	NS
	77	0		80	45	
ALBANY	NS	16	NS	NS	0	NS
		16			0	
TOTAL STANDING CROP	77	170	0	80	45	0
	77	103	0	80	45	0



TABLE B-10  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS EGGS AND YOLK-SAC LARVAE FROM 01JUL85 TO 05JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
	YONKERS	0	NS	0	0	NS
TAPPAN ZEE	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
CORNWALL	21	0	0	24	0	0
POUGHKEEPSIE	21	0	0	24	0	0
HIDE PARK	0	33	NS	0	0	NS
KINGSTON	0	33	NS	0	0	NS
SAUGERTIES	0	0	NS	0	0	NS
CATSKILL	0	0	NS	0	0	NS
ALBANY	NS	0	NS	NS	0	NS
TOTAL STANDING CROP	21	33	0	24	0	0
	21	33	0	24	0	0

TABLE B-11

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS EGGS AND YOLK-SAC LARVAE FROM 08JUL85 TO 11JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0			0		
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0			0		
INDIAN POINT	0	0	0	0	0	0
	0			0		
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	0	0	0	0	0	0
	0			0		
POUGHKEEPSIE	0	0	NS	0	0	NS
	0			0		
HYDE PARK	0	0	NS	0	0	NS
	0			0		
KINGSTON	0	0	NS	0	0	NS
	0			0		
SAUGERTIES	0	0	NS	0	0	NS
	0			0		
CATSKILL	0	0	NS	0	0	NS
	0			0		
ALBANY	NS	0	NS	NS	0	NS
TOTAL STANDING CROP	0	0	0	0	0	0
	0			0		0

TABLE B-12

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 29APR85 TO 03MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	165	NS	53	22	NS
	0	165		30	22	
CORNWALL	151	11494	115	242	10	137
	100	6745	74	156	10	117
POUGHKEEPSIE	357	7916	NS	128	257	NS
	173	4735		128	123	
HYDE PARK	3865	33929	NS	1570	1146	NS
	2091	21482		814	422	
KINGSTON	7098	31447	NS	2272	1718	NS
	4172	29207		908	614	
SAUGERTIES	11118	301550	NS	343	256	NS
	8370	197184		343	182	
CATSKILL	1942	20510	NS	3717	952	NS
	536	10802		901	489	
ALBANY	NS	6697	NS	NS	97	NS
		2138			48	
TOTAL STANDING CROP	24530	413707	115	8325	4457	137
	9600	200961	74	1568	919	117

TABLE B-13

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 06MAY85 TO 10MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	52	0	NS	45	0	NS
	52	0		45	0	
CORNWALL	61	1252	51	517	337	120
	61	566	51	243	127	32
POUGHKEEPSIE	0	9043	NS	38505	16590	NS
	0	4155		17014	8714	
HYDE PARK	3012	17159	NS	110533	35689	NS
	1514	4681		22660	10142	
KINGSTON	6826	5289	NS	70655	56698	NS
	2216	2261		14987	14943	
SAUGERTIES	9370	9101	NS	139013	8636	NS
	8513	6179		73627	6277	
CATSKILL	80	17363	NS	6386	404	NS
	80	9058		385	331	
ALBANY	NS	3935	NS	NS	642	NS
		1958			247	
TOTAL STANDING CROP	19401	63142	51	365654	118996	120
	8927	12987	51	80304	21016	32

TABLE B-14  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 13MAY85 TO 17MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS				YOLK-SAC LARVAE			
	CHANNEL		SHOAL		CHANNEL		SHOAL	
	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS
YONKERS	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	88	0	0	0	57	0	0	0
	50	0	0	0	57	0	0	0
WEST POINT	2394	1184	NS	NS	1984	232	NS	NS
	1045	373			267	167		
CORNWALL	131	66557	48	48	8039	2078	557	557
	131	34349	21	21	5458	601	137	137
POUGHKEEPSIE	2912	121045	NS	NS	43932	9848	NS	NS
	2675	37775			16468	2249		
HYDE PARK	5632	31320	NS	NS	69577	17061	NS	NS
	3431	19298			20120	5454		
KINGSTON	348	48068	NS	NS	43157	14686	NS	NS
	306	19615			13272	5594		
SAUGERTIES	158401	200370	NS	NS	15462	7309	NS	NS
	48001	190511			6141	2438		
CATSKILL	5070	157393	NS	NS	7839	5816	NS	NS
	2354	53547			2558	732		
ALBANY	NS	0	NS	NS	NS	782	NS	NS
		0				208		
TOTAL STANDING CROP	174976	625936	48	48	190046	57812	557	557
	48268	206217	21	21	30435	8545	137	137

TABLE B-15  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 20MAY85 TO 23MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS				YOLK-SAC LARVAE			
	CHANNEL		SHOAL		CHANNEL		SHOAL	
	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS
YONKERS	130	NS	0	0	0	NS	0	0
	130		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	28	0	0	0	28	33	33
	0	28	0	0	0	28	33	33
INDIAN POINT	0	741	0	0	59	18	14	14
	0	741	0	0	40	18	14	14
WEST POINT	666	5213	NS	NS	13010	665	NS	NS
	461	2188			3499	330		
CORNWALL	0	9770	1001	1001	1588	2235	560	560
	0	5668	551	551	1370	1155	464	464
POUGHKEEPSIE	5714	10671	NS	NS	8831	1505	NS	NS
	3130	4062			3076	678		
HYDE PARK	71951	12995	NS	NS	4596	1339	NS	NS
	51858	3232			1673	508		
KINGSTON	545	7322	NS	NS	3693	7320	NS	NS
	365	5182			1935	3237		
SAUGERTIES	1795	2088	NS	NS	22348	6643	NS	NS
	1656	1398			6516	2597		
CATSKILL	4270	11592	NS	NS	5242	8188	NS	NS
	1634	8316			3068	5583		
ALBANY	NS	5260	NS	NS	NS	844	NS	NS
		4044				467		
TOTAL STANDING CROP	85070	65679	1001	1001	59366	28785	607	607
	52007	13369	551	551	9055	7126	466	466

TABLE B-16

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 28MAY85 TO 30MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0	0	0	0	0	0
TAPPAN ZEE	0	0	133	0	0	0
	0	0	133	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	36	NS	72	16	NS
	0	23		49	16	
WEST POINT	15496	18484	NS	624	34	NS
	10212	8702		139	23	
CORNWALL	544	9255	248	557	468	166
	347	4180	195	126	288	60
POUGHKEEPSIE	2613	17407	NS	575	148	NS
	1906	5261		168	78	
HYDE PARK	1490	5875	NS	544	102	NS
	953	2366		157	45	
KINGSTON	43	518	NS	5232	384	NS
	43	518		1537	240	
SAUGERTIES	30935	26954	NS	20310	5149	NS
	30935	10552		15026	1240	
CATSKILL	21159	78832	NS	8344	4397	NS
	21159	43894		2318	1190	
ALBANY	NS	104	NS	NS	7389	NS
		60			4000	
TOTAL STANDING CROP	72279	157465	381	36258	18088	166
	38905	46527	236	15284	4371	60

TABLE B-17

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 03JUN85 TO 07JUN85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS		YOLK-SAC LARVAE			
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	76	0	0	0	0
	0	76	0	0	0	0
WEST POINT	681	125	NS	84	21	NS
	411	61		59	14	
CORNWALL	65	656	164	0	60	18
	65	576	143	0	46	11
POUGHKEEPSIE	4663	27109	NS	206	0	NS
	2668	20617		101	0	
HYDE PARK	923	38868	NS	147	30	NS
	626	27159		80	30	
KINGSTON	1279	29832	NS	410	62	NS
	562	10560		410	36	
SAUGERTIES	2859	68452	NS	308	268	NS
	2008	48073		178	231	
CATSKILL	26042	20623	NS	1555	605	NS
	17315	10328		765	539	
ALBANY	NS	3463	NS	NS	148	NS
		717			88	
TOTAL STANDING CROP	36514	189204	164	2710	1195	18
	17659	60768	143	898	597	11



TABLE B-18

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 10JUN85 TO 13JUN85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	16
	0	0	0	0	0	16
WEST POINT	580	17698	NS	22	17	NS
	307	16021		22	17	
CORNWALL	0	287	0	23	11	0
	0	169	0	23	11	0
POUGHKEEPSIE	718	9559	NS	133	55	NS
	528	9368		96	55	
HYDE PARK	913	704	NS	87	82	NS
	411	133		57	82	
KINGSTON	122	1496	NS	1024	56	NS
	84	1496		342	56	
SAUGERTIES	8932	49985	NS	2420	640	NS
	8932	32047		260	247	
CATSKILL	6080	483	NS	1930	609	NS
	4418	483		196	306	
ALBANY	NS	548	NS	NS	452	NS
		115			360	
TOTAL STANDING CROP	17346	80760	0	5640	1921	16
	9993	37067	0	486	545	16

TABLE B-19

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 17JUN85 TO 21JUN85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS		YOLK-SAC LARVAE			
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	21	0	NS	0	0	NS
	21	0		0		
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	261	595	NS	0	0	NS
	220	443		0		
HYDE PARK	40	41	NS	0	0	NS
	40	41		0		
KINGSTON	0	30	NS	0	30	NS
	0	30		0	30	
SAUGERTIES	480	107	NS	0	0	NS
	480	66		0		
CATSKILL	0	891	NS	813	96	NS
	0	264		237	96	
ALBANY	NS	978	NS	NS	464	NS
		978			464	
TOTAL STANDING CROP	801	2642	0	813	590	0
	530	1109	0	237	475	0

TABLE B-20  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 EGGS AND YOLK-SAC LARVAE FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS (IN THOUSANDS)  
 ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT  
 SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	7	31	0	0
	0	0	7	31	0	0
WEST POINT	102	1157	NS	66	0	NS
	63	1157		36	0	
CORNWALL	0	35	0	26	80	9
	0	35	0	26	25	9
POUGHKEEPSIE	0	97	NS	44	0	NS
	0	97		44	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	79	NS	0	0	NS
	0	45		0	0	
CATSKILL	0	0	NS	623	183	NS
	0	0		279	117	
ALBANY	NS	16	NS	NS	120	NS
		16			13	
TOTAL STANDING CROP	102	1383	7	789	383	9
	63	1162	7	287	120	9

TABLE B-21

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 01JUL85 TO 05JUL85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	29	NS	0	0	NS
	0	29		0	0	
CORNWALL	0	15	0	0	11	0
	0	15	0	0	11	0
POUGHKEEPSIE	0	144	NS	0	0	NS
	0	144		0	0	
HIDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	95	NS	0	0	NS
	0	95		0	0	
SAUGERTIES	0	33	NS	0	0	NS
	0	33		0	0	
CATSKILL	299	0	NS	77	0	NS
	195	0		77	0	
ALBANY	NS	27	NS	NS	0	NS
		14			0	
TOTAL STANDING CROP	299	344	0	77	11	0
	195	180	0	77	11	0

TABLE B-22

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH EGGS AND YOLK-SAC LARVAE FROM 08JUL85 TO 11JUL85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	15	NS
	0	0		0	15	
CORNWALL	0	0	0	0	23	0
	0	0	0	0	23	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	0	0	0	0	37	0
	0	0	0	0	27	0

TABLE B-23

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA EGGS AND YOLK-SAC LARVAE FROM 29APR85 TO 03MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	144	0	NS
	0	0		45	0	
CORNWALL	151	10	0	403	39	160
	151	10	0	284	30	113
POUGHKEEPSIE	64	211	NS	719	433	NS
	64	166		115	189	
HYDE PARK	722	3836	NS	1916	398	NS
	434	2538		740	141	
KINGSTON	13004	3799	NS	1144	279	NS
	6795	2207		292	73	
SAUGERTIES	42006	196410	NS	833	323	NS
	20163	19607		435	143	
CATSKILL	3616	23104	NS	5447	3536	NS
	1776	17758		1782	2816	
ALBANY	NS	446211	NS	NS	7739	NS
		101404			2020	
TOTAL STANDING CROP	59563	673583	0	10606	12748	160
	21357	104852	0	2024	3478	113

TABLE B-24  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA  
 EGGS AND YOLK-SAC LARVAE FROM 06MAY85 TO 10MAY85 . STANDARD ERRORS (IN THOUSANDS)  
 ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT  
 SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	33	0	NS	31	0	NS
	23	0		22	0	
CORNWALL	0	20	0	61	40	24
	0	14	0	61	27	24
POUGHKEEPSIE	2486	2083	NS	874	312	NS
	2486	854		234	146	
HYDE PARK	1470	12230	NS	1793	651	NS
	584	4648		563	209	
KINGSTON	3129	14630	NS	1978	4356	NS
	935	7149		583	1482	
SAUGERTIES	8868	25791	NS	19575	8075	NS
	6080	13267		11206	4070	
CATSKILL	759	526045	NS	36272	28181	NS
	537	284219		15804	13213	
ALBANY	NS	178077	NS	NS	127407	NS
		56671			29605	
TOTAL STANDING CROP	16744	758876	0	60584	169022	24
	6682	290244	0	19392	32709	24

TABLE B-25  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA EGGS AND YOLK-SAC LARVAE FROM 13MAY85 TO 17MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS				YOLK-SAC LARVAE			
	CHANNEL		SHOAL		CHANNEL		SHOAL	
	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS
YONKERS	0	NS	0	0	0	NS	0	0
	0	0	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	26	0	NS	NS	592	152	NS	NS
	18	0	0	0	140	88	0	0
CORNWALL	0	520	0	0	2212	286	174	174
	0	443	0	0	756	123	42	42
POUGHKEEPSIE	373	2490	NS	NS	7425	961	NS	NS
	269	878	NS	NS	2547	273	NS	NS
HYDE PARK	2258	9481	NS	NS	29172	3309	NS	NS
	1183	4716	NS	NS	11455	412	NS	NS
KINGSTON	4993	40206	NS	NS	38945	13078	NS	NS
	4280	18291	NS	NS	10417	4465	NS	NS
SAUGERTIES	377340	600299	NS	NS	33523	31480	NS	NS
	320355	550318	NS	NS	8781	4918	NS	NS
CATSKILL	118112	112394	NS	NS	38548	27199	NS	NS
	81028	26466	NS	NS	12444	6030	NS	NS
ALBANY	NS	1951	NS	NS	NS	25313	NS	NS
		1556	NS	NS	NS	13095	NS	NS
TOTAL STANDING CROP	503101	767342	0	0	150416	101777	174	174
	330473	551281	0	0	21881	15882	42	42



TABLE B-26  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA  
 EGGS AND YOLK-SAC LARVAE FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS (IN THOUSANDS)  
 ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT  
 SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	2412	41	NS	380	92	NS
	2389	41		129	60	
CORNWALL	0	60	5	428	129	21
	0	32	5	288	59	16
POUGHKEEPSIE	157503	560	NS	14126	801	NS
	126854	389		3339	447	
HYDE PARK	17208	5410	NS	8152	2149	NS
	12159	1468		1779	1188	
KINGSTON	966	16896	NS	7317	2835	NS
	759	12290		3116	1069	
SAUGERTIES	1300	2897	NS	25595	6790	NS
	1300	1740		7168	2506	
CATSKILL	5643	17507	NS	17293	10820	NS
	3125	12374		8218	1076	
ALBANY	NS	81837	NS	NS	39096	NS
		51092			18760	
TOTAL STANDING CROP	185032	125206	5	73289	62712	21
	127505	54035	5	11960	19030	16

TABLE B-27

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA EGGS AND YOLK-SAC LARVAE FROM 28MAY85 TO 30MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS				YOLK-SAC LARVAE			
	CHANNEL	BOTTOM	SHOAL		CHANNEL	BOTTOM	SHOAL	
YONKERS	0	NS	0		0	NS	0	0
	0		0		0		0	0
TAPPAN ZEE	0	0	0		0	0	0	0
	0	0	0		0	0	0	0
CROTON-HAVERSTRAW	0	0	0		0	0	0	0
	0	0	0		0	0	0	0
INDIAN POINT	0	0	NS		0	0	0	NS
	0	0			0	0	0	
WEST POINT	0	42	NS		54	0	0	NS
	0	42			38	0	0	
CORNWALL	0	32	0		261	15	31	
	0	32	0		160	15	20	
POUGHKEEPSIE	182	77	NS		1475	70	NS	
	137	33			550	41		
HYDE PARK	57	136	NS		1680	15	NS	
	39	120			462	15		
KINGSTON	43	0	NS		7825	1035	NS	
	43	0			1703	540		
SAUGERTIES	8236	6619	NS		18872	7575	NS	
	8236	4141			11109	3898		
CATSKILL	4307	21612	NS		4662	3791	NS	
	4307	10959			1640	250		
ALBANY	NS	75	NS		NS	16238	NS	
		54				6685		
TOTAL STANDING CROP	12825	28591	0		34829	28738	31	
	9295	11716	0		11381	7761	20	

TABLE B-28

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA EGGS AND YOLK-SAC LARVAE FROM 03JUN85 TO 07JUN85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	28	235	NS	0	0	NS
	28	175		0	0	
HYDE PARK	0	79	NS	61	0	NS
	0	62		41	0	
KINGSTON	91	123	NS	265	31	NS
	91	50		122	31	
SAUGERTIES	103	12966	NS	1127	398	NS
	103	7923		672	198	
CATSKILL	855	1698	NS	2023	419	NS
	544	750		1225	281	
ALBANY	NS	1413	NS	NS	2032	NS
		368			602	
TOTAL STANDING CROP	1078	16514	0	3477	2880	0
	562	7970	0	1403	694	0

TABLE B-29

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA EGGS AND YOLK-SAC LARVAE FROM 10JUN85 TO 13JUN85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	91	0	NS
	0	0		91	0	
KINGSTON	0	0	NS	81	0	NS
	0	0		51	0	
SAUGERTIES	0	953	NS	766	424	NS
	0	286		468	252	
CATSKILL	445	0	NS	1411	204	NS
	257	0		372	148	
ALBANY	NS	185	NS	NS	941	NS
		141			437	
TOTAL STANDING CROP	445	1138	0	2350	1569	0
	257	319	0	607	526	0

TABLE B-30  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA  
 EGGS AND YOLK-SAC LARVAE FROM 17JUN85 TO 21JUN85 . STANDARD ERRORS (IN THOUSANDS)  
 ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT  
 SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	94	0	NS	0	0	NS
	94	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	94	NS	1595	141	NS
	0	94		1380	141	
ALBANY	NS	50	NS	NS	98	NS
		50			77	
TOTAL STANDING CROP	94	144	0	1595	238	0
	94	106	0	1380	160	0

TABLE B-31

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA EGGS AND YOLK-SAC LARVAE FROM 24JUN85 TO 27JUN85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	36	NS	0	0	NS
	0	36		0	0	
CATSKILL	0	45	NS	0	0	NS
	0	45		0	0	
ALBANY	NS	0	NS	NS	60	NS
		0			14	
TOTAL STANDING CROP	0	81	0	0	60	0
	0	58	0	0	14	0

TABLE B-32

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA EGGS AND YOLK-SAC LARVAE FROM 01JUL85 TO 05JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0			0		
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0			0		
INDIAN POINT	0	0	0	0	0	0
	0			0		
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	0	0	0	0	0	0
	0			0		
POUGHKEEPSIE	0	0	NS	0	0	NS
	0			0		
HYDE PARK	0	0	NS	0	0	NS
	0			0		
KINGSTON	0	0	NS	0	0	NS
	0			0		
SAUGERTIES	0	0	NS	0	0	NS
	0			0		
CATSKILL	0	0	NS	0	0	NS
	0			0		
ALBANY	NS	0	NS	NS	0	NS
TOTAL STANDING CROP	0	0	0	0	0	0
	0			0		0

TABLE B-33

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA EGGS AND YOLK-SAC LARVAE FROM 08JUL85 TO 11JUL85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	EGGS			YOLK-SAC LARVAE		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0



TABLE B-34

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 29APR85 TO 03MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-35 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 06MAY85 TO 10MAY85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-36  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 13MAY85 TO 17MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	40	43	59	0	0	0
	27	29	59	0	0	0
WEST POINT	276	69	NS	0	0	NS
	91	25		0	0	
CORNWALL	398	920	37	0	0	0
	282	330	12	0	0	0
POUGHKEEPSIE	525	440	NS	0	0	NS
	311	155		0	0	
HYDE PARK	31	66	NS	0	0	NS
	31	56		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	1270	1538	96	0	0	0
	431	371	60	0	0	0

TABLE B-37

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	96	0	0	0	0	0
	96	0	0	0	0	0
CROTON-HAVERSTRAW	0	1976	0	0	0	0
	0	1237	0	0	0	0
INDIAN POINT	511	2923	28	0	0	0
	354	1535	28	0	0	0
WEST POINT	5815	4359	NS	0	0	NS
	1623	1171		0	0	
CORNWALL	7474	9509	2575	0	0	0
	3138	2778	1070	0	0	0
POUGHKEEPSIE	8444	7335	NS	0	0	NS
	3643	1715		0	0	
HYDE PARK	1488	568	NS	0	0	NS
	375	170		0	0	
KINGSTON	83	85	NS	0	0	NS
	83	54		0	0	
SAUGERTIES	0	28	NS	0	0	NS
	0	28		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	23911	26781	2602	0	0	0
	5103	3993	1071	0	0	0

TABLE B-38  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	232	1787	796	0	0	0
	232	1257	796	0	0	0
CROTON-HAVERSTRAW	379	3809	372	0	0	0
	379	1104	293	0	0	0
INDIAN POINT	31641	4476	NS	0	0	NS
	15218	861		0	0	
WEST POINT	82919	4293	NS	0	0	NS
	11167	1883		0	0	
CORNWALL	119763	14492	4390	0	0	0
	51805	3323	2484	0	0	0
POUGHKEEPSIE	118051	23381	NS	0	0	NS
	22574	3720		0	0	
HYDE PARK	12316	9445	NS	0	0	NS
	2893	3520		0	0	
KINGSTON	4160	2804	NS	0	0	NS
	927	1368		0	0	
SAUGERTIES	2811	387	NS	0	0	NS
	1499	116		0	0	
CATSKILL	151	226	NS	0	0	NS
	151	162		0	0	
ALBANY	NS	15	NS	NS	0	NS
		15			0	
TOTAL STANDING CROP	372422	65115	5558	0	0	0
	59677	6801	2625	0	0	0

TABLE B-39  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 03JUN85 TO 07JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	25	0	NS	0
	0		25	0		0
TAPPAN ZEE	236	0	0	0	0	0
	236	0	0	0	0	0
CROTON-HAVERSTRAW	847	994	875	0	0	0
	235	351	841	0	0	0
INDIAN POINT	15942	1006	536	0	0	0
	3879	281	257	0	0	0
WEST POINT	73857	7760	NS	0	0	NS
	9389	2168		0	0	
CORNWALL	72136	21985	10851	0	0	0
	31243	1884	1434	0	0	0
POUGHKEEPSIE	10552	5479	NS	0	0	NS
	1185	1023		0	0	
HYDE PARK	3508	1963	NS	0	0	NS
	527	592		0	0	
KINGSTON	2217	1184	NS	0	0	NS
	748	287		0	0	
SAUGERTIES	1539	3158	NS	0	0	NS
	1110	1794		0	0	
CATSKILL	778	95	NS	0	0	NS
	666	95		0	0	
ALBANY	NS	46	NS	NS	0	NS
		46		0	0	
TOTAL STANDING CROP	181612	43670	12287	0	0	0
	32914	3628	1682	0	0	0

TABLE B-40  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 10JUN85 TO 13JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	1848	161	712	0	0	0
	1301	161	176	0	0	0
CROTON-HAVERSTRAW	423	227	702	0	0	0
	317	116	491	0	0	0
INDIAN POINT	10680	1694	1256	0	0	0
	1764	560	767	0	0	0
WEST POINT	10729	1411	NS	0	0	NS
	1367	475		0	0	
CORNWALL	14086	6527	475	0	0	0
	2947	1581	282	0	0	0
POUGHKEEPSIE	5548	928	NS	0	0	NS
	912	207		0	0	
HYDE PARK	2392	1107	NS	0	0	NS
	417	375		0	0	
KINGSTON	2660	1024	NS	0	0	NS
	453	241		0	0	
SAUGERTIES	1952	875	NS	0	0	NS
	1026	599		0	0	
CATSKILL	742	698	NS	0	0	NS
	268	183		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	51059	14651	3145	0	0	0
	4218	1927	969	0	0	0

TABLE B-41

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 17JUN85 TO 21JUN85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	64	0	0	0	0	0
	64	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	1139	47	30	0	0	0
	331	29	18	0	0	0
WEST POINT	1401	47	NS	0	0	NS
	271	36		0	0	
CORNWALL	631	1018	126	0	0	9
	198	332	63	0	0	9
POUGHKEEPSIE	7252	2160	NS	0	0	NS
	2701	721		0	0	
HYDE PARK	1686	862	NS	0	0	NS
	260	339		0	0	
KINGSTON	912	474	NS	0	0	NS
	292	139		0	0	
SAUGERTIES	489	305	NS	0	0	NS
	169	144		0	0	
CATSKILL	0	350	NS	0	0	NS
	0	282		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	13575	5263	155	0	0	9
	2775	931	65	0	0	9



TABLE B-42

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE		YOUNG-OF-YEAR			
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	92	21	0	0	0	0
	64	21	0	0	0	0
INDIAN POINT	343	47	55	0	0	0
	98	29	22	0	0	0
WEST POINT	263	103	NS	24	0	NS
	88	41		24	0	
CORNWALL	585	112	99	0	0	57
	218	31	33	0	0	29
POUGHKEEPSIE	629	308	NS	0	100	NS
	211	75		0	70	
HYDE PARK	181	66	NS	0	0	NS
	127	43		0	0	
KINGSTON	453	509	NS	0	33	NS
	208	286		0	33	
SAUGERTIES	160	231	NS	0	116	NS
	160	77		0	116	
CATSKILL	78	89	NS	0	94	NS
	78	89		0	47	
ALBANY	NS	61	NS	NS	15	NS
		31			15	
TOTAL STANDING CROP	2784	1548	153	24	357	57
	453	329	40	24	148	29

TABLE B-43

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 01JUL85 TO 05JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	30	15	0	0	0
	0	30	9	0	0	0
WEST POINT	21	23	NS	0	0	NS
	21	15		0	0	
CORNWALL	212	62	0	0	0	0
	81	48	0	0	0	0
POUGHKEEPSIE	349	29	NS	0	0	NS
	169	29		0	0	
HYDE PARK	314	0	NS	0	21	NS
	231	0		0	21	
KINGSTON	84	121	NS	0	0	NS
	53	52		0	0	
SAUGERTIES	0	33	NS	0	33	NS
	0	33		0	33	
CATSKILL	0	44	NS	0	131	NS
	0	44		0	131	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	980	342	15	0	186	0
	303	100	9	0	137	0

TABLE B-44

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR STRIPED BASS  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 08JUL85 TO 11JUL85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	33	0	0	0	0	0
	33	0	0	0	0	0
INDIAN POINT	0	0	9	0	0	0
	0	0	9	0	0	0
WEST POINT	0	15	NS	0	0	NS
	0	15		0	0	
CORNWALL	199	0	111	20	11	462
	78	0	56	20	11	296
POUGHKEEPSIE	81	0	NS	0	0	NS
	81	0		0	0	
HYDE PARK	38	0	NS	0	0	NS
	38	0		0	0	
KINGSTON	127	47	NS	0	192	NS
	89	47		0	113	
SAUGERTIES	0	0	NS	0	33	NS
	0	0		0	33	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	14	NS
		0			14	
TOTAL STANDING CROP	478	62	119	20	250	462
	152	50	57	20	119	296

TABLE B-45

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 29APR85 TO 03MAY85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	6	0	0	0
	0	0	6	0	0	0
POUGHKEEPSIE	64	45	NS	0	0	NS
	64	45		0	0	
HYDE PARK	0	24	NS	0	0	NS
	0	24		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	64	69	6	0	0	0
	64	51	6	0	0	0

TABLE B-46

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 06MAY85 TO 10MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	62	0	NS	0	0	NS
	36	0		0	0	
CORNWALL	419	52	41	0	0	0
	228	24	29	0	0	0
POUGHKEEPSIE	2116	22	NS	0	0	NS
	766	22		0	0	
HYDE PARK	2654	145	NS	0	0	NS
	765	55		0	0	
KINGSTON	2298	1830	NS	0	0	NS
	890	314		0	0	
SAUGERTIES	7503	2566	NS	0	0	NS
	4308	1066		0	0	
CATSKILL	6497	152	NS	0	0	NS
	3646	152		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	21549	4766	41	0	0	0
	5820	1123	29	0	0	0

TABLE B-47

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 13MAY85 TO 17MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0		0	0		0
CROTON-HAVERSTRAW	54	0	0	0	0	0
	34	0	0	0	0	0
INDIAN POINT	845	30	47	0	0	0
	253	20	29	0	0	0
WEST POINT	10501	649	NS	0	0	NS
	2564	322		0		
CORNWALL	69224	4006	2152	0	0	0
	28794	1032	1023	0	0	0
POUGHKEEPSIE	325515	22279	NS	0	0	NS
	118586	6251		0		
HYDE PARK	205194	21607	NS	0	0	NS
	46750	5582		0		
KINGSTON	323195	59657	NS	0	0	NS
	48829	17942		0		
SAUGERTIES	95094	16286	NS	0	0	NS
	5919	8983		0		
CATSKILL	13383	42688	NS	0	0	NS
	5069	26874		0		
ALBANY	NS	57	NS	NS	0	NS
		27			0	
TOTAL STANDING CROP	1043005	167258	2198	0	0	0
	139746	34587	1024	0	0	0

TABLE B-48

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	130	NS	0	0	NS	0
	130		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	319	198	0	0	0	0
	319	71	0	0	0	0
INDIAN POINT	1688	2982	138	0	0	0
	609	1243	138	0	0	0
WEST POINT	76186	36505	NS	0	0	NS
	21438	12910		0	0	
CORNWALL	57162	31215	2079	0	0	0
	36478	6975	638	0	0	0
POUGHKEEPSIE	364926	44696	NS	0	0	NS
	72545	13343		0	0	
HYDE PARK	155990	30386	NS	0	0	NS
	34216	14870		0	0	
KINGSTON	142995	93867	NS	0	0	NS
	37468	56775		0	0	
SAUGERTIES	64793	13015	NS	0	0	NS
	4660	8042		0	0	
CATSKILL	44203	4875	NS	0	0	NS
	21665	3807		0	0	
ALBANY	NS	46	NS	NS	0	NS
		27		0	0	
TOTAL STANDING CROP	908391	257785	2217	0	0	0
	100595	62599	653	0	0	0

TABLE B-49

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	116	205	236	0	0	0
	116	205	236	0	0	0
CROTON-HAVERSTRAW	270	667	228	0	0	0
	270	178	139	0	0	0
INDIAN POINT	39136	2969	NS	0	0	NS
	13242	564		0	0	
WEST POINT	284027	24403	NS	0	0	NS
	35495	11427		0	0	
CORNWALL	181484	63702	13499	0	0	0
	56963	12353	4705	0	0	0
POUGHKEEPSIE	476021	155347	NS	0	0	NS
	82169	28879		0	0	
HYDE, PARK	265162	63647	NS	0	0	NS
	63332	23781		0	0	
KINGSTON	676204	134460	NS	0	0	NS
	171874	49957		0	0	
SAUGERTIES	407124	88270	NS	0	0	NS
	224878	24370		0	0	
CATSKILL	112819	55069	NS	0	0	NS
	87776	15071		0	0	
ALBANY	NS	3301	NS	NS	0	NS
		847			0	
TOTAL STANDING CROP	2442364	592040	13963	0	0	0
	321338	70715	4713	0	0	0



TABLE B-50  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 03JUN85 TO 07JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	59	0	0	0	0
	0	59	0	0	0	0
CROTON-HAVERSTRAW	131	57	62	0	0	0
	44	33	38	0	0	0
INDIAN POINT	14561	773	29	0	0	0
	6842	602	15	0	0	0
WEST POINT	147240	12587	NS	0	0	NS
	25039	5262		0	0	
CORNWALL	362007	38724	24700	0	0	0
	66955	6477	3612	0	0	0
POUGHKEEPSIE	121946	108854	NS	0	0	NS
	18102	24374		0	0	
HYDE PARK	253976	112818	NS	0	0	NS
	36793	30185		0	0	
KINGSTON	217814	153790	NS	0	0	NS
	38941	7942		0	0	
SAUGERTIES	156679	105097	NS	0	0	NS
	43439	32334		0	0	
CATSKILL	149722	33443	NS	0	0	NS
	63969	12534		0	0	
ALBANY	NS	6083	NS	NS	0	NS
		5430			0	
TOTAL STANDING CROP	1424076	572285	24791	0	0	0
	119723	53576	3612	0	0	0

TABLE B-51

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 10JUN85 TO 13JUN85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	59	75	0	0	0	0
	59	46	0	0	0	0
CROTON-HAVERSTRAW	142	68	0	0	0	0
	108	47	0	0	0	0
INDIAN POINT	17403	3219	627	0	0	0
	2690	887	193	0	0	0
WEST POINT	39661	5493	NS	0	0	NS
	5806	2174		0	0	
CORNWALL	98030	27783	1366	0	0	0
	19980	6076	573	0	0	0
POUGHKEEPSIE	112643	24471	NS	0	0	NS
	28955	7067		0	0	
HYDE PARK	230956	85723	NS	0	0	NS
	33101	12093		0	0	
KINGSTON	265286	161068	NS	0	0	NS
	37798	4598		0	0	
SAUGERTIES	284256	364857	NS	0	0	NS
	56779	160927		0	0	
CATSKILL	259683	171589	NS	0	0	NS
	22179	57807		0	0	
ALBANY	NS	9425	NS	NS	0	NS
		3085			0	
TOTAL STANDING CROP	1308118	853770	1993	0	0	0
	86710	171780	604	0	0	0

TABLE B-52

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 17JUN85 TO 21JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	821	70	29	0	0	0
	207	46	21	0	0	0
WEST POINT	11056	448	NS	0	0	NS
	2019	169		0	0	
CORNWALL	15975	11773	1260	0	0	0
	3740	2468	641	0	0	0
POUGHKEEPSIE	165172	49635	NS	0	0	NS
	23422	13940		0	0	
HYDE PARK	113582	51865	NS	0	0	NS
	11497	9902		0	0	
KINGSTON	128530	48345	NS	0	0	NS
	14881	16382		0	0	
SAUGERTIES	119609	64419	NS	0	0	NS
	42495	22583		0	0	
CATSKILL	254615	81878	NS	0	0	NS
	175428	13998		0	0	
ALBANY	NS	2267	NS	NS	0	NS
		1145			0	
TOTAL STANDING CROP	809360	310700	1289	0	0	0
	183033	35695	641	0	0	0

TABLE B-53

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	53	NS	0	0	NS	0
	53			0		
TAPPAN ZEE	0	0	0	0	0	0
	0			0		
CROTON-HAVERSTRAW	61	27	0	0	0	0
	39	27	0	0	0	0
INDIAN POINT	1637	364	135	0	0	0
	266	100	28	0	0	0
WEST POINT	8074	1174	NS	0	0	NS
	1220	.253		0		
CORNWALL	21616	12825	509	0	0	0
	3980	1934	222	0	0	0
POUGHKEEPSIE	50855	10405	NS	88	126	NS
	10993	1396		88	92	
HYDE PARK	85077	16773	NS	957	21	NS
	23410	6870		629	21	
KINGSTON	71985	39129	NS	0	59	NS
	19002	15091		0	34	
SAUGERTIES	93797	49376	NS	0	0	NS
	7836	23066		0		
CATSKILL	78404	56513	NS	0	0	NS
	5996	20647		0		
ALBANY	NS	15297	NS	NS	15	NS
		2605			15	
TOTAL STANDING CROP	411559	201882	644	1044	220	0
	33834	35296	224	635	101	0

TABLE B-54

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 01JUL85 TO 05JUL85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	48	NS	0	0	NS	0
	48			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	357	79	8	0	0	0
	124	33	8	0	0	0
WEST POINT	1921	765	NS	0	0	NS
	287	270		0	0	
CORNWALL	6086	6513	216	0	10	0
	973	2464	96	0	10	0
POUGHKEEPSIE	18871	7840	NS	0	53	NS
	2318	1431		0	53	
HYDE PARK	23930	10445	NS	115	42	NS
	4224	2591		81	42	
KINGSTON	11414	6486	NS	0	118	NS
	1985	429		0	47	
SAUGERTIES	35988	4061	NS	0	33	NS
	18405	2254		0	33	
CATSKILL	69837	64780	NS	0	0	NS
	30690	31984		0	0	
ALBANY	NS	1160	NS	NS	0	NS
		251			0	
TOTAL STANDING CROP	168452	102129	224	115	257	0
	36178	32298	96	81	90	0

TABLE B-55

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WHITE PERCH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 08JUL85 TO 11JUL85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	95	0	0	0
	0	0	55	0	0	0
INDIAN POINT	434	27	42	0	0	0
	125	27	19	0	0	0
WEST POINT	1569	1240	NS	0	0	NS
	467	433		0	0	
CORNWALL	8119	4037	402	0	14	40
	1716	650	218	0	14	26
POUGHKEEPSIE	8197	3711	NS	86	57	NS
	1832	1608		86	57	
HYDE PARK	8085	3405	NS	225	599	NS
	2334	1384		147	312	
KINGSTON	9986	4486	NS	0	47	NS
	2262	2045		0	47	
SAUGERTIES	17636	3172	NS	0	35	NS
	3501	690		0	35	
CATSKILL	16500	10953	NS	0	0	NS
	11568	2613		0	0	
ALBANY	NS	2045	NS	NS	14	NS
		1080			14	
TOTAL STANDING CROP	70526	33077	538	312	766	40
	12774	4215	225	170	323	26

TABLE B-56

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 29APR85 TO 03MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-57

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 06MAY85 TO 10MAY85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE		YOUNG-OF-YEAR			
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0		0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0		0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0		0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0			0	0	
CORNWALL	0	0	0	0	0	0
	0		0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0			0	0	
HYDE PARK	0	0	NS	0	0	NS
	0			0	0	
KINGSTON	0	0	NS	0	0	NS
	0			0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0			0	0	
CATSKILL	0	101	NS	0	0	NS
	0	101		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	0	101	0	0	0	0
	0	101	0	0	0	0



TABLE B-58

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 13MAY85 TO 17MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE		YOUNG-OF-YEAR			
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0		0	0		0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0		0	0		0
INDIAN POINT	0	0	0	0	0	0
	0		0	0		0
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	0	10	0	0	0	0
	0	10	0	0	0	0
POUGHKEEPSIE	59	0	NS	0	0	NS
	59			0		
HYDE PARK	272	23	NS	0	0	NS
	111	15		0		
KINGSTON	7330	747	NS	0	0	NS
	2606	261		0		
SAUGERTIES	7507	1598	NS	0	0	NS
	3843	839		0		
CATSKILL	6311	481	NS	0	0	NS
	4370	133		0		
ALBANY	NS	5073	NS	NS	0	NS
		1500			0	
TOTAL STANDING CROP	21479	7931	0	0	0	0
	6378	1744	0	0	0	0

TABLE B-59

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0		0	0		0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0		0	0		0
INDIAN POINT	0	0	0	0	0	0
	0		0	0		0
WEST POINT	48	0	NS	0	0	NS
	33	0		0		
CORNWALL	593	92	15	0	0	0
	308	48	10	0	0	0
POUGHKEEPSIE	1484	49	NS	0	0	NS
	448	29		0		
HYDE PARK	4602	161	NS	0	0	NS
	2261	61		0		
KINGSTON	4120	1528	NS	0	0	NS
	2757	467		0		
SAUGERTIES	54007	13659	NS	0	0	NS
	26622	6154		0		
CATSKILL	56358	17045	NS	0	0	NS
	12691	11652		0		
ALBANY	NS	1378	NS	NS	0	NS
		1289			0	
TOTAL STANDING CROP	121212	33914	15	0	0	0
	29712	13248	10	0	0	0

TABLE B-60

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	NS	0	0	NS
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0	0	0	0	0
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	108	27	NS	0	0	NS
	50	19	0	0	0	0
HYDE PARK	513	29	NS	0	0	NS
	229	19	0	0	0	0
KINGSTON	13577	193	NS	0	0	NS
	4408	69	0	0	0	0
SAUGERTIES	6773	861	NS	0	0	NS
	3093	464	0	0	0	0
CATSKILL	23224	3407	NS	0	0	NS
	11900	2419	0	0	0	0
ALBANY	NS	5497	NS	NS	0	NS
		767	0	0	0	0
TOTAL STANDING CROP	44195	10013	0	0	0	0
	13064	2581	0	0	0	0

TABLE B-61

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 03JUN85 TO 07JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	23	0	NS	24	0	NS
	23	0		24	0	
CORNWALL	0	0	5	0	0	0
	0	0	5	0	0	0
POUGHKEEPSIE	5369	161	NS	0	0	NS
	1125	53		0	0	
HYDE PARK	4488	245	NS	0	0	NS
	2151	93		0	0	
KINGSTON	15119	1757	NS	0	0	NS
	5902	712		0	0	
SAUGERTIES	31257	2304	NS	0	0	NS
	9419	448		0	0	
CATSKILL	120264	2557	NS	0	0	NS
	88794	1526		0	0	
ALBANY	NS	8380	NS	NS	0	NS
		4542		0	0	
TOTAL STANDING CROP	176520	15404	5	24	0	0
	89520	4866	5	24	0	0

TABLE B-62

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 10JUN85 TO 13JUN85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	20	0	NS	0	0	NS
	20	0		0	0	
CORNWALL	225	12	60	0	0	0
	87	12	30	0	0	0
POUGHKEEPSIE	1537	0	NS	0	0	NS
	604	0		0	0	
HYDE PARK	7719	102	NS	44	0	NS
	2125	64		44	0	
KINGSTON	13363	171	NS	0	0	NS
	3316	59		0	0	
SAUGERTIES	9185	1783	NS	0	0	NS
	3321	461		0	0	
CATSKILL	34647	2356	NS	0	0	NS
	15776	366		0	0	
ALBANY	NS	1211	NS	NS	14	NS
		378			14	
TOTAL STANDING CROP	66695	5634	60	44	14	0
	16607	705	30	44	14	0

TABLE B-63

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 17JUN85 TO 21JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0		0	0	
POUGHKEEPSIE	1798	92	NS	933	31	NS
	521	64		347	31	
HYDE PARK	2723	0	NS	603	0	NS
	1378	0		177		
KINGSTON	3826	2066	NS	2280	1114	NS
	1124	1664		1288	730	
SAUGERTIES	3228	5762	NS	329	1477	NS
	1251	1492		329	743	
CATSKILL	29451	24581	NS	242	2265	NS
	10397	7772		11	532	
ALBANY	NS	3444	NS	NS	0	NS
		1118			0	
TOTAL STANDING CROP	41027	35945	0	4387	4887	0
	10635	8164	0	1386	1170	0

TABLE B-64  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	47	11	9
	0	0	0	32	11	9
POUGHKEEPSIE	496	0	NS	2310	62	NS
	166	0		786	40	
HYDE PARK	982	134	NS	2986	136	NS
	486	42		1073	41	
KINGSTON	3154	629	NS	2352	1158	NS
	573	265		486	504	
SAUGERTIES	9805	1168	NS	3623	1878	NS
	1148	536		2020	1010	
CATSKILL	15570	4995	NS	1340	14220	NS
	5473	1395		433	8469	
ALBANY	NS	3321	NS	NS	5109	NS
		323			1759	
TOTAL STANDING CROP	30007	10247	0	12658	22575	9
	5645	1552	0	2505	8723	9

TABLE B-65

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 01JUL85 TO 05JUL85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	46	0	NS
	0	0		32	0	
CORNWALL	0	0	0	152	41	37
	0	0	0	72	28	6
POUGHKEEPSIE	140	27	NS	7713	3213	NS
	75	27		2044	920	
HYDE PARK	425	40	NS	2981	477	NS
	150	40		1093	172	
KINGSTON	245	405	NS	1742	801	NS
	88	190		463	283	
SAUGERTIES	1081	2987	NS	2315	3574	NS
	773	544		461	1281	
CATSKILL	6779	1761	NS	520	4531	NS
	3945	658		409	2376	
ALBANY	NS	2323	NS	NS	2733	NS
		399			373	
TOTAL STANDING CROP	8670	7543	0	15469	15370	37
	4024	962	0	2444	2895	6



TABLE B-66

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR AMERICAN SHAD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 08JUL85 TO 11JUL85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	36	0
	0	0	0	0	36	0
CROTON-HAVERSTRAW	0	0	0	0	96	90
	0	0	0	0	52	90
INDIAN POINT	0	0	0	235	70	59
	0	0	0	123	48	21
WEST POINT	0	0	NS	124	0	NS
	0	0		54	0	
CORNWALL	0	0	0	43	244	182
	0	0	0	29	156	91
POUGHKEEPSIE	39	0	NS	1250	82	NS
	39	0		494	56	
HYDE PARK	111	0	NS	1255	383	NS
	78	0		488	236	
KINGSTON	83	129	NS	1643	2561	NS
	53	80		475	1320	
SAUGERTIES	147	129	NS	2117	4575	NS
	147	91		232	1913	
CATSKILL	301	675	NS	81	3453	NS
	151	225		81	962	
ALBANY	NS	139	NS	NS	2882	NS
		85			1237	
TOTAL STANDING CROP	681	1072	0	6749	14382	331
	234	269	0	887	2819	130

TABLE B-67

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 29APR85 TO 03MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	802 509	NS	3334 2689	440 440	NS	910 854
TAPPAN ZEE	0 0	34139 15462	3748 3101	0 0	1957 1851	778 569
CROTON-HAVERSTRAW	0 0	626 351	0 0	0 0	101 101	0 0
INDIAN POINT	29745 17541	49847 31371	0 0	947 583	5852 3876	0 0
WEST POINT	147589 71107	74050 50194	NS	7425 3652	16222 12590	NS
CORNWALL	0 0	6467 2758	16 10	0 0	4554 2353	0 0
POUGHKEEPSIE	0 0	4012 1275	NS	0 0	1365 873	NS
HYDE PARK	62 62	85 72	NS	0 0	0 0	NS
KINGSTON	0 0	0 0	NS	0 0	0 0	NS
SAUGERTIES	0 0	0 0	NS	0 0	0 0	NS
CATSKILL	0 0	0 0	NS	0 0	0 0	NS
ALBANY	NS	9 9	NS	NS	0 0	NS
TOTAL STANDING CROP	178199 73240	169236 61254	7098 4105	8811 3724	30052 13537	1688 1026

TABLE B-68

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 06MAY85 TO 10MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	556	0	NS	264
	0		402	0		223
TAPPAN ZEE	0	4486	0	131	2868	0
	0	3003	0	131	1324	0
CROTON-HAVERSTRAW	0	11698	162	0	5495	55
	0	6191	134	0	3777	35
INDIAN POINT	48973	18986	23	9076	1610	0
	22148	6159	23	6213	479	0
WEST POINT	95971	59124	NS	4082	52702	NS
	30897	17561		1634	46215	
CORNWALL	17185	2132	5	4335	3702	0
	17185	957	5	4335	3084	0
POUGHKEEPSIE	0	1576	NS	0	1041	NS
	0	680		0	514	
HYDE PARK	0	338	NS	0	354	NS
	0	194		0	239	
KINGSTON	0	0	NS	0	18	NS
	0	0		0	18	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	10	NS	NS	0	NS
		10		0	0	
TOTAL STANDING CROP	162129	98350	746	17625	67790	318
	41719	19877	425	7751	46496	226

TABLE B-69

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 13MAY85 TO 17MAY85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	55
	0		0	0		27
TAPPAN ZEE	0	190	0	0	3908	0
	0	190	0	0	2293	0
CROTON-HAVERSTRAW	0	39	0	81	220	31
	0	39	0	81	134	31
INDIAN POINT	1275	915	0	24766	52055	0
	818	499	0	14566	35690	0
WEST POINT	859	2407	NS	55764	39539	NS
	647	1896		16569	22398	
CORNWALL	0	162	0	0	3360	0
	0	108	0	0	1147	0
POUGHKEEPSIE	0	20	NS	0	1258	NS
	0	20		0	539	
HYDE PARK	28	0	NS	0	2428	NS
	28	0		0	1064	
KINGSTON	0	22	NS	0	1740	NS
	0	22		0	1335	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	2162	3753	0	80611	104508	85
	1043	1973	0	22061	42252	41

TABLE B-70  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0	0	0	0	0	0
TAPPAN ZEE	0	500	0	0	2384	0
	0	292	0	0	1581	0
CROTON-HAVERSTRAW	0	0	0	0	12687	0
	0	0	0	0	12473	0
INDIAN POINT	886	0	0	41035	3178	27
	707	0	0	29248	2528	27
WEST POINT	115	0	NS	6927	4288	NS
	74	0	0	3435	3261	NS
CORNWALL	0	0	0	0	1448	5
	0	0	0	0	980	5
POUGHKEEPSIE	0	0	NS	30	675	NS
	0	0	0	30	305	NS
HYDE PARK	0	0	NS	0	4399	NS
	0	0	0	0	2288	NS
KINGSTON	0	0	NS	808	0	NS
	0	0	0	808	0	NS
SAUGERTIES	0	0	NS	0	0	NS
	0	0	0	0	0	NS
CATSKILL	0	0	NS	0	0	NS
	0	0	0	0	0	NS
ALBANY	NS	0	NS	NS	0	NS
	0	0	0	0	0	NS
TOTAL STANDING CROP	1000	500	0	48801	29059	32
	710	292	0	29460	13468	27

TABLE B-71  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	38	0
	0	0	0	0	38	0
INDIAN POINT	0	0	NS	36999	1740	NS
	0	0		35777	984	
WEST POINT	0	0	NS	10277	25329	NS
	0	0		5699	9297	
CORNWALL	0	0	0	0	5399	5
	0	0	0	0	2834	5
FOUGHKEEPSIE	0	0	NS	78	638	NS
	0	0		57	346	
HYDE PARK	0	0	NS	0	3229	NS
	0	0		0	1638	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	47354	36372	5
	0	0	0	36228	9911	5

TABLE B-72

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 03JUN85 TO 07JUN85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	278	NS	2043
	0		0	278		1137
TAPPAN ZEE	0	0	0	91	3215	4542
	0	0	0	91	860	4542
CROTON-HAVERSTRAW	0	0	0	0	517	102
	0	0	0	0	323	102
INDIAN POINT	0	0	0	11911	12915	1588
	0	0	0	6348	5932	1588
WEST POINT	0	0	NS	17692	12213	NS
	0	0		4502	2727	
CORNWALL	0	0	0	60	8587	422
	0	0	0	60	1288	270
POUGHKEEPSIE	0	0	NS	353	3176	NS
	0	0		176	454	
HYDE PARK	0	0	NS	88	580	NS
	0	0		46	265	
KINGSTON	0	0	NS	84	383	NS
	0	0		53	273	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	30556	41586	8697
	0	0	0	7790	6743	4953

TABLE B-73

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 10JUN85 TO 13JUN85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE		YOUNG-OF-YEAR			
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		
TAPPAN ZEE	0	0	0	0	11433	126
	0	0	0	0	4973	126
CROTON-HAVERSTRAW	0	0	0	57	1590	0
	0	0	0	57	498	0
INDIAN POINT	0	0	0	25698	6557	95
	0	0	0	5866	1926	51
WEST POINT	0	0	NS	10639	4421	NS
	0	0		2958	1388	
CORNWALL	0	0	0	43	1602	10
	0	0	0	43	490	10
POUGHKEEPSIE	0	0	NS	415	2228	NS
	0	0		291	660	
HYDE PARK	0	0	NS	134	1408	NS
	0	0		95	784	
KINGSTON	0	0	NS	0	575	NS
	0	0		0	575	
SAUGERTIES	0	0	NS	0	77	NS
	0	0		0	45	
CATSKILL	0	0	NS	0	95	NS
	0	0		0	95	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	36986	29987	231
	0	0	0	6577	5679	136



TABLE B-74

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 17JUN85 TO 21JUN85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	58	NS	2944
	0			58		
TAPPAN ZEE	0	0	0	64	8466	1627
	0	0	0	64	1831	1417
CROTON-HAVERSTRAW	0	0	0	0	1701	0
	0	0	0	0	665	0
INDIAN POINT	0	0	0	277	1349	0
	0	0	0	169	580	0
WEST POINT	0	0	NS	9705	15036	NS
	0	0		3307	4047	
CORNWALL	0	0	0	346	1006	0
	0	0	0	263	324	0
POUGHKEEPSIE	0	0	NS	654	5375	NS
	0	0		611	2910	
HYDE PARK	0	0	NS	358	1183	NS
	0	0		225	299	
KINGSTON	0	0	NS	189	393	NS
	0	0		189	230	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	11651	34509	4571
	0	0	0	3391	5406	1417

TABLE B-75

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	1391
	0			0		
TAPPAN ZEE	0	0	0	0	2434	421
	0	0	0	0	1863	421
CROTON-HAVERSTRAW	0	0	0	32	4076	0
	0	0	0	32	942	0
INDIAN POINT	0	0	0	1513	2556	8
	0	0	0	772	2450	8
WEST POINT	0	0	NS	8326	5772	NS
	0	0		1719	1976	
CORNWALL	0	0	0	195	1599	90
	0	0	0	130	272	48
POUGHKEEPSIE	0	0	NS	290	2498	NS
	0	0		290	889	
HYDE PARK	0	0	NS	80	1186	NS
	0	0		80	576	
KINGSTON	0	0	NS	0	357	NS
	0	0		0	318	
SAUGERTIES	0	0	NS	0	117	NS
	0	0		0	75	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	31	NS
		0			15	
TOTAL STANDING CROP	0	0	0	10435	20627	1911
	0	0	0	1913	3946	424

TABLE B-76

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 01JUL85 TO 05JUL85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	53	NS	78
	0			53		
TAPPAN ZEE	0	0	0	0	1830	0
	0	0	0	0	466	0
CROTON-HAVERSTRAW	0	0	0	0	90	108
	0	0	0	0	29	108
INDIAN POINT	0	0	0	1296	472	138
	0	0	0	702	264	138
WEST POINT	0	0	NS	3634	8090	NS
	0	0		895	1629	
CORNWALL	0	0	0	408	4448	488
	0	0	0	284	1273	246
POUGHKEEPSIE	0	0	NS	167	2420	NS
	0	0		129	1270	
HYDE PARK	0	0	NS	307	761	NS
	0	0		176	227	
KINGSTON	0	0	NS	124	174	NS
	0	0		84	138	
SAUGERTIES	0	0	NS	0	38	NS
	0	0		0	38	
CATSKILL	0	0	NS	0	49	NS
	0	0		0	49	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	5990	18373	812
	0	0	0	1197	2499	302

TABLE B-77

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ATLANTIC TOMCOD POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 08JUL85 TO 11JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE				YOUNG-OF-YEAR			
	CHANNEL		SHOAL		CHANNEL		SHOAL	
	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS
YONKERS	0	NS	0	NS	53	NS	708	NS
	0		53		53			
TAPPAN ZEE	0	0	0	0	0	2816	0	0
	0		0		0	2316	0	0
CROTON-HAYERSTRAW	0	0	0	0	0	2130	0	0
	0		0		0	569	0	0
INDIAN POINT	0	0	0	0	1149	2464	0	0
	0		0		508	1808	0	0
WEST POINT	0	0	NS	0	6439	8160	NS	NS
	0		0		1818	2526		
CORNWALL	0	0	0	0	276	2653	296	296
	0		0		253	791	190	190
POUGHKEEPSIE	0	0	NS	0	85	3213	NS	NS
	0		0		58	427		
HYDE PARK	0	0	NS	0	499	525	NS	NS
	0		0		388	247		
KINGSTON	0	0	NS	0	0	74	NS	NS
	0		0		0	46		
SAUGERTIES	0	0	NS	0	0	67	NS	NS
	0		0		0	39		
CATSKILL	0	0	NS	0	0	0	NS	NS
	0		0		0	0		
ALBANY	NS	0	NS	0	NS	0	NS	NS
		0	0			0		
TOTAL STANDING CROP	0	0	0	0	8501	22102	1004	1004
	0		0		1945	4026	190	190

TABLE B-78

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 29APR85 TO 03MAY85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	139	22	NS	0	0	NS
	76	22		0	0	
CORNWALL	494	74	70	0	0	0
	179	33	21	0	0	0
POUGHKEEPSIE	486	170	NS	0	0	NS
	217	107		0	0	
HYDE PARK	122	86	NS	0	0	NS
	51	30		0	0	
KINGSTON	495	80	NS	0	0	NS
	157	80		0	0	
SAUGERTIES	1054	211	NS	0	0	NS
	595	211		0	0	
CATSKILL	774	736	NS	0	0	NS
	445	380		0	0	
ALBANY	NS	73	NS	NS	0	NS
		73			0	
TOTAL STANDING CROP	3564	1452	70	0	0	0
	815	463	21	0	0	0

TABLE B-79

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 06MAY85 TO 10MAY85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	205	0	NS	0	0	NS
	101	0		0	0	
CORNWALL	2637	400	264	0	0	0
	1812	323	117	0	0	0
POUGHKEEPSIE	5686	135	NS	0	0	NS
	1435	77		0	0	
HYDE PARK	3084	159	NS	0	0	NS
	1163	86		0	0	
KINGSTON	2488	586	NS	0	0	NS
	1100	260		0	0	
SAUGERTIES	17339	2905	NS	0	0	NS
	9902	732		0	0	
CATSKILL	123176	3405	NS	0	0	NS
	62622	1138		0	0	
ALBANY	NS	228	NS	NS	0	NS
		170			0	
TOTAL STANDING CROP	154615	7819	264	0	0	0
	63462	1430	117	0	0	0

TABLE B-80  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 13MAY85 TO 17MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	27	0	0	0	0	0
	27	0	0	0	0	0
INDIAN POINT	118	0	18	0	0	0
	71	0	11	0	0	0
WEST POINT	725	200	NS	0	0	NS
	175	104		0	0	
CORNWALL	7698	402	502	0	0	0
	6061	173	278	0	0	0
POUGHKEEPSIE	20195	1096	NS	0	0	NS
	7196	421		0	0	
HYDE PARK	15264	1991	NS	0	0	NS
	5693	601		0	0	
KINGSTON	271122	25557	NS	0	0	NS
	62539	10185		0	0	
SAUGERTIES	705127	82153	NS	0	0	NS
	38018	55083		0	0	
CATSKILL	260573	236798	NS	0	0	NS
	59883	107010		0	0	
ALBANY	NS	1179	NS	NS	0	NS
		320			0	
TOTAL STANDING CROP	1280850	349375	520	0	0	0
	95202	120788	278	0	0	0

TABLE B-01

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE		YOUNG-OF-YEAR	
	CHANNEL	BOTTOM	CHANNEL	BOTTOM
YONKERS	0	NS	0	NS
	0	0	0	0
TAPPAN ZEE	0	0	0	0
	0	0	0	0
CROTON-HAVERSTRAW	40	0	0	0
	40	0	0	0
INDIAN POINT	162	71	0	0
	89	37	0	0
WEST POINT	2697	12038	0	0
	851	5343	0	0
CORNWALL	9862	4708	0	0
	4228	2308	0	0
POUGHKEEPSIE	186287	2200	0	0
	60227	835	0	0
HYDE PARK	454369	15932	0	0
	161213	4318	0	0
KINGSTON	600528	64493	0	0
	406830	27009	0	0
SAUGERTIES	615917	57553	0	0
	229467	32724	0	0
CATSKILL	1745436	27548	0	0
	543925	8219	0	0
ALBANY	NS	4534	NS	0
		1761		0
TOTAL STANDING CROP	3615298	189078	0	0
	737330	43866	0	0
		545		
		77		



TABLE B-82

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	709	0	0	0
	0	0	709	0	0	0
CROTON-HAVERSTRAW	411	29	0	0	0	0
	238	29	0	0	0	0
INDIAN POINT	2156	20	NS	0	0	NS
	618	20		0	0	
WEST POINT	5279	4838	NS	0	0	NS
	1410	2179		0	0	
CORNWALL	9859	423	17856	0	0	0
	6872	191	13163	0	0	0
POUGHKEEPSIE	772249	5888	NS	0	0	NS
	248048	2172		0	0	
HYDE PARK	260093	3292	NS	0	0	NS
	109430	600		0	0	
KINGSTON	1308628	72608	NS	0	0	NS
	518427	29053		0	0	
SAUGERTIES	827799	89043	NS	0	0	NS
	373239	37373		0	0	
CATSKILL	1235783	171843	NS	0	0	NS
	456693	76852		0	0	
ALBANY	NS	4449	NS	NS	0	NS
		1157			0	
TOTAL STANDING CROP	4422257	352432	18564	0	0	0
	830780	90323	13182	0	0	0

TABLE B-83

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 03JUN85 TO 07JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	32065	3678	NS	0	0	NS
	11155	1756		0	0	
CORNWALL	28935	5825	1481	0	0	0
	7434	795	608	0	0	0
POUGHKEEPSIE	251486	106722	NS	0	0	NS
	28237	20093		0	0	
HYDE PARK	271219	94199	NS	0	0	NS
	35209	22286		0	0	
KINGSTON	315382	220538	NS	0	0	NS
	47295	61627		0	0	
SAUGERTIES	481870	110718	NS	0	0	NS
	80357	16782		0	0	
CATSKILL	604376	146459	NS	0	0	NS
	345960	34986		0	0	
ALBANY	NS	37939	NS	NS	0	NS
		16268			0	
TOTAL STANDING CROP	1985333	726077	1481	0	0	0
	361385	80451	608	0	0	0

TABLE B-84

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 10JUN85 TO 13JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	44	0	0	0	0
	0	44	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	1137	135	NS	0	0	NS
	503	60		0	0	
CORNWALL	12338	3002	5819	0	9	15
	3253	1000	5272	0	9	15
POUGHKEEPSIE	200709	8940	NS	0	0	NS
	42396	1383		0	0	
HYDE PARK	372536	27759	NS	0	0	NS
	70322	3436		0	0	
KINGSTON	389004	145075	NS	0	0	NS
	71782	40384		0	0	
SAUGERTIES	478073	319305	NS	0	0	NS
	22523	80600		0	0	
CATSKILL	347441	244983	NS	0	0	NS
	23385	18217		0	0	
ALBANY	NS	30263	NS	NS	0	NS
		9634		0	0	
TOTAL STANDING CROP	1801238	779505	5819	0	9	15
	113843	92556	5272	0	9	15

TABLE B-85

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 17JUN85 TO 21JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	43	0	0	0	0
	0	43	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	524	517	0	0	0	0
	175	214	0	0	0	0
POUGHKEEPSIE	304217	15778	NS	177	0	NS
	65322	8351		79	0	
HYDE PARK	148871	8236	NS	599	0	NS
	38969	1204		228	0	
KINGSTON	221691	37748	NS	730	882	NS
	77163	14564		407	882	
SAUGERTIES	368659	100105	NS	165	855	NS
	100520	36920		165	417	
CATSKILL	253798	142550	NS	83	539	NS
	30750	27811		83	188	
ALBANY	NS	38991	NS	NS	165	NS
		18142			119	
TOTAL STANDING CROP	1297760	343968	0	1754	2441	0
	150962	52431	0	508	1000	0

TABLE B-86

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	140	0	0	0
	0		140	0		0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0		0	0		0
INDIAN POINT	74	0	8	0	0	0
	74		8	0		0
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	22	0	91	0	0	0
	22		46	0		0
POUGHKEEPSIE	88280	12715	NS	2204	742	NS
	33863	5387		709	306	
HYDE PARK	80132	19427	NS	6233	630	NS
	20028	10473		2551	100	
KINGSTON	399292	85042	NS	14388	9036	NS
	52284	25790		4732	3225	
SAUGERTIES	284405	87907	NS	26461	6664	NS
	103581	20271		21332	3371	
CATSKILL	207425	171708	NS	636	12136	NS
	30170	13926		425	6150	
ALBANY	NS	39890	NS	NS	1595	NS
		9368			448	
TOTAL STANDING CROP	1059630	416689	240	49922	30803	0
	126177	38684	148	22014	7739	0

TABLE B-87

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 01JUL85 TO 05JUL85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	27	16	0	0	41	0
	27	16	0	0	28	0
POUGHKEEPSIE	4463	484	NS	13884	14069	NS
	1180	233		2485	5184	
HYDE PARK	23199	1338	NS	7778	823	NS
	5519	721		1868	358	
KINGSTON	34850	33590	NS	34406	35811	NS
	6920	6649		8102	5094	
SAUGERTIES	70831	32520	NS	22674	27376	NS
	29110	15512		19893	11738	
CATSKILL	62902	118643	NS	818	34666	NS
	16204	30131		515	13040	
ALBANY	NS	13830	NS	NS	14248	NS
		3579			9055	
TOTAL STANDING CROP	196272	200422	0	79561	127034	0
	34492	34729	0	21710	21042	0

TABLE B-88

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALOSA SPP.  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 08JUL85 TO 11JUL85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	281	0	NS	7478	3015	NS
	161	0		3293	1412	
HYDE PARK	7405	1465	NS	18490	24359	NS
	5745	462		6749	9786	
KINGSTON	45431	8110	NS	20888	44366	NS
	17445	2684		8966	12763	
SAUGERTIES	21143	27440	NS	5879	54216	NS
	1473	7967		1167	15437	
CATSKILL	20155	23837	NS	618	35681	NS
	10693	6179		618	17729	
ALBANY	NS	5845	NS	NS	13383	NS
		3452			6338	
TOTAL STANDING CROP	94415	66696	0	53352	175020	0
	21304	11000	0	11770	29214	0

TABLE B-89

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 29APR85 TO 03MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0		0	0		0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0		0	0		0
INDIAN POINT	0	0	0	0	0	0
	0		0	0		0
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	0	0	0	0	0	0
	0		0	0		0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0			0		
HYDE PARK	0	0	NS	0	0	NS
	0			0		
KINGSTON	0	0	NS	0	0	NS
	0			0		
SAUGERTIES	0	0	NS	0	0	NS
	0			0		
CATSKILL	0	0	NS	0	0	NS
	0			0		
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0



TABLE B-90

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 06MAY85 TO 10MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-91

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 13MAY85 TO 17MAY85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE		YOUNG-OF-YEAR			
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0		0	0		0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0		0	0		0
INDIAN POINT	0	0	0	0	0	0
	0		0	0		0
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	0	0	0	0	0	0
	0		0	0		0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0			0		
HYDE PARK	0	0	NS	0	0	NS
	0			0		
KINGSTON	0	0	NS	0	0	NS
	0			0		
SAUGERTIES	0	0	NS	0	0	NS
	0			0		
CATSKILL	0	0	NS	0	0	NS
	0			0		
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0		0	0		0

TABLE B-92

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-93

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	NS	0	0	NS
	0	0		0	0	
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-94

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 03JUN85 TO 07JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-95  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 10JUN85 TO 13JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
TAPPAN ZEE	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
CORNWALL	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
HYDE PARK	0	0	NS	0	0	NS
KINGSTON	0	0	NS	0	0	NS
SAUGERTIES	0	0	NS	0	0	NS
CATSKILL	0	0	NS	0	0	NS
ALBANY	NS	0	NS	NS	0	NS
TOTAL STANDING CROP	0	0	0	0	0	0

TABLE B-96

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 17JUN85 TO 21JUN85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0			0		
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0			0		
INDIAN POINT	0	0	0	0	0	0
	0			0		
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	0	0	0	0	0	0
	0			0		
POUGHKEEPSIE	0	0	NS	0	0	NS
	0			0		
HYDE PARK	0	0	NS	0	0	NS
	0			0		
KINGSTON	0	0	NS	0	0	NS
	0			0		
SAUGERTIES	0	0	NS	0	0	NS
	0			0		
CATSKILL	0	0	NS	0	0	NS
	0			0		
ALBANY	NS	0	NS	NS	0	NS
TOTAL STANDING CROP	0	0	0	0	0	0
	0			0		

TABLE B-97  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
TAPPAN ZEE	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
CORNWALL	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
HYDE PARK	0	0	NS	0	0	NS
KINGSTON	0	0	NS	0	0	NS
SAUGERTIES	0	0	NS	0	0	NS
CATSKILL	0	0	NS	0	0	NS
ALBANY	NS	0	NS	NS	0	NS
TOTAL STANDING CROP	0	0	0	0	0	0



TABLE B-98

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 01JUL85 TO 05JUL85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-99

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BLUEBACK HERRING POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 08JUL85 TO 11JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	19	0	NS
	0	0		19	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	39	28	NS
	0	0		39	28	
HYDE PARK	0	0	NS	75	78	NS
	0	0		50	35	
KINGSTON	0	0	NS	0	683	NS
	0	0		0	279	
SAUGERTIES	0	0	NS	0	1532	NS
	0	0		0	441	
CATSKILL	0	0	NS	0	1389	NS
	0	0		0	942	
ALBANY	NS	0	NS	NS	420	NS
		0			233	
TOTAL STANDING CROP	0	0	0	133	4130	0
	0	0	0	66	1103	0

TABLE B-100

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 29APR85 TO 03MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-101

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 06MAY85 TO 10MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-102

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 13MAY85 TO 17MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0	0	0	0	0
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0	0	0	0	0
HYDE PARK	0	0	NS	0	0	NS
	0	0	0	0	0	0
KINGSTON	0	0	NS	0	0	NS
	0	0	0	0	0	0
SAUGERTIES	0	0	NS	0	0	NS
	0	0	0	0	0	0
CATSKILL	0	0	NS	0	0	NS
	0	0	0	0	0	0
ALBANY	NS	0	NS	NS	0	NS
	0	0	0	0	0	0
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-103

1985 LONGITUDINAL RIVER SURVEY STANDING-CROP DATA (IN THOUSANDS) FOR ALEWIFE  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-104 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	NS	0	0	NS
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0	0	0	0	0
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0	0	0	0	0
HYDE PARK	0	0	NS	0	0	NS
	0	0	0	0	0	0
KINGSTON	0	0	NS	0	0	NS
	0	0	0	0	0	0
SAUGERTIES	0	0	NS	0	0	NS
	0	0	0	0	0	0
CATSKILL	0	0	NS	0	0	NS
	0	0	0	0	0	0
ALBANY	NS	0	NS	NS	0	NS
	0	0	0	0	0	0
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-105

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 03JUN85 TO 07JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0		0	0		0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0		0	0		0
INDIAN POINT	0	0	0	0	0	0
	0		0	0		0
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	0	0	0	0	0	0
	0		0	0		0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0			0		
HYDE PARK	0	0	NS	30	0	NS
	0			30		
KINGSTON	0	0	NS	0	0	NS
	0			0		
SAUGERTIES	0	0	NS	0	0	NS
	0			0		
CATSKILL	0	0	NS	0	0	NS
	0			0		
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	30	0	0
	0		0	30		0



TABLE B-106

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 10JUN85 TO 13JUN85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-107  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 17JUN85 TO 21JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-108  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 24JUN85 TO 27JUN85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE				YOUNG-OF-YEAR			
	CHANNEL		SHOAL		CHANNEL		SHOAL	
	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS	BOTTOM	NS
YONKERS	0	NS	0	0	0	NS	0	0
	0				0			
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0				0			
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0				0			
INDIAN POINT	0	0	0	0	0	0	0	0
	0				0			
WEST POINT	0	0	NS	NS	0	0	0	NS
	0				0			
CORNWALL	0	0	0	0	0	0	0	0
	0				0			
POUGHKEEPSIE	0	0	NS	NS	0	0	0	NS
	0				0			
HYDE PARK	0	0	NS	NS	61	0	0	NS
	0				61			
KINGSTON	0	0	NS	NS	45	30	30	NS
	0				45			
SAUGERTIES	0	0	NS	NS	160	0	0	NS
	0				160			
CATSKILL	0	0	NS	NS	0	0	0	NS
	0				0			
ALBANY	NS	0	NS	NS	NS	45	NS	NS
		0				1		
TOTAL STANDING CROP	0	0	0	0	266	75	0	0
	0	0	0	0	177	30	0	0

TABLE B-109

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 01JUL85 TO 05JUL85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0			0		
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0			0		
INDIAN POINT	0	0	0	0	0	0
	0			0		
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	0	0	0	0	0	0
	0			0		
POUGHKEEPSIE	0	0	NS	501	648	NS
	0			221	304	
HYDE PARK	0	0	NS	37	0	NS
	0			37		
KINGSTON	0	0	NS	252	291	NS
	0			171	73	
SAUGERTIES	0	0	NS	308	114	NS
	0			308	114	
CATSKILL	0	0	NS	74	301	NS
	0			74	230	
ALBANY	NS	0	NS	NS	57	NS
					57	
TOTAL STANDING CROP	0	0	0	1172	1410	0
	0	0	0	425	409	0

TABLE B-110

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR ALEWIFE POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 08JUL85 TO 11JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	45
	0	0	0	0	0	45
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	23	0	NS
	0	0		23	0	
CORNWALL	0	0	0	24	49	20
	0	0	0	24	30	20
POUGHKEEPSIE	0	0	NS	195	82	NS
	0	0		92	56	
HYDE PARK	0	0	NS	232	85	NS
	0	0		58	40	
KINGSTON	0	0	NS	208	1869	NS
	0	0		100	1392	
SAUGERTIES	0	0	NS	0	1298	NS
	0	0		0	327	
CATSKILL	0	0	NS	0	688	NS
	0	0		0	554	
ALBANY	NS	0	NS	NS	238	NS
		0			156	
TOTAL STANDING CROP	0	0	0	682	4309	65
	0	0	0	151	1543	49

TABLE B-111

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 29APR85 TO 03MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE				YOUNG-OF-YEAR			
	CHANNEL	BOTTOM	SHOAL		CHANNEL	BOTTOM	SHOAL	
YONKERS	0	NS	0		0	NS	0	0
	0		0		0		0	0
TAPPAN ZEE	0	0	0		0	0	0	0
	0	0	0		0	0	0	0
CROTON-HAVERSTRAW	0	0	0		0	0	0	0
	0	0	0		0	0	0	0
INDIAN POINT	0	0	0		0	0	0	0
	0	0	0		0	0	0	0
WEST POINT	0	0	NS		0	0	NS	NS
	0	0			0	0		
CORNWALL	0	0	0		0	0	0	0
	0	0	0		0	0	0	0
POUGHKEEPSIE	0	0	NS		0	0	NS	NS
	0	0			0	0		
HYDE PARK	0	0	NS		0	0	NS	NS
	0	0			0	0		
KINGSTON	0	0	NS		0	0	NS	NS
	0	0			0	0		
SAUGERTIES	0	0	NS		0	0	NS	NS
	0	0			0	0		
CATSKILL	0	0	NS		0	0	NS	NS
	0	0			0	0		
ALBANY	NS	0	NS		NS	0	NS	NS
		0				0		
TOTAL STANDING CROP	0	0	0		0	0	0	0
	0	0	0		0	0	0	0

TABLE B-112

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 06MAY85 TO 10MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE		YOUNG-OF-YEAR	
	CHANNEL	BOTTOM	CHANNEL	BOTTOM
YONKERS	0	NS	0	NS
	0	0	0	0
TAPPAN ZEE	0	0	0	0
	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0
	0	0	0	0
INDIAN POINT	0	0	0	0
	0	0	0	0
WEST POINT	0	0	0	0
	0	0	0	0
CORNWALL	0	0	0	0
	0	0	0	0
POUGHKEEPSIE	0	0	0	0
	0	0	0	0
HYDE PARK	0	0	0	0
	0	0	0	0
KINGSTON	0	0	0	0
	0	0	0	0
SAUGERTIES	0	0	0	0
	0	0	0	0
CATSKILL	0	0	0	0
	0	0	0	0
ALBANY	NS	0	NS	0
	0	0	0	0
TOTAL STANDING CROP	0	0	0	0
	0	0	0	0

TABLE B-113

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 13MAY85 TO 17MAY85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0



TABLE B-114

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE		YOUNG-OF-YEAR	
	CHANNEL	BOTTOM	CHANNEL	BOTTOM
YONKERS	0	NS	0	NS
	0	0	0	0
TAPPAN ZEE	0	0	0	0
	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0
	0	0	0	0
INDIAN POINT	0	0	0	0
	0	0	0	0
WEST POINT	0	0	0	0
	0	0	0	0
CORNWALL	0	0	0	0
	0	0	0	0
POUGHKEEPSIE	0	11	0	0
	0	11	0	0
HYDE PARK	0	0	0	0
	0	0	0	0
KINGSTON	0	0	0	0
	0	0	0	0
SAUGERTIES	0	0	0	0
	0	0	0	0
CATSKILL	0	0	0	0
	0	0	0	0
ALBANY	NS	0	NS	0
	0	0	0	0
TOTAL STANDING CROP	0	11	0	0
	0	11	0	0

TABLE B-115

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	3851 1222	NS 83	164 83	0 0	NS 0	0 0
TAPPAN ZEE	5517 1337	4596 2124	7744 5532	0 0	0 0	0 0
CROTON-HAVERSTRAW	2645 908	372 292	2486 524	0 0	0 0	0 0
INDIAN POINT	1220 459	0 0	NS	0 0	0 0	NS
WEST POINT	0 0	0 0	NS	0 0	0 0	NS
CORNWALL	0 0	0 0	0 0	0 0	0 0	0 0
POUGHKEEPSIE	0 0	0 0	NS	0 0	0 0	NS
HYDE PARK	0 0	0 0	NS	0 0	0 0	NS
KINGSTON	0 0	0 0	NS	0 0	0 0	NS
SAUGERTIES	0 0	0 0	NS	0 0	0 0	NS
CATSKILL	0 0	0 0	NS	0 0	0 0	NS
ALBANY	NS	0 0	NS	NS	0 0	NS
TOTAL STANDING CROP	13233 2078	4968 2144	10394 5557	0 0	0 0	0 0

TABLE B-116

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 03JUN85 TO 07JUN85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	1930 757	NS	4588 2231	0 0	NS	0 0
TAPPAN ZEE	29061 9698	882 396	2265 710	0 0	0 0	0 0
CROTON-HAVERSTRAW	2286 949	882 312	4155 2832	0 0	0 0	0 0
INDIAN POINT	2433 749	1727 1254	56 56	0 0	0 0	0 0
WEST POINT	0 0	0 0	NS	0 0	0 0	NS
CORNWALL	0 0	0 0	0 0	0 0	0 0	0 0
POUGHKEEPSIE	33 33	15 15	NS	0 0	0 0	NS
HYDE PARK	0 0	0 0	NS	0 0	0 0	NS
KINGSTON	0 0	0 0	NS	0 0	0 0	NS
SAUGERTIES	0 0	0 0	NS	0 0	0 0	NS
CATSKILL	0 0	0 0	NS	0 0	0 0	NS
ALBANY	NS	0 0	NS	NS	0 0	NS
TOTAL STANDING CROP	35743 9802	3506 1351	11064 3675	0 0	0 0	0 0

TABLE B-117

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 10JUN85 TO 13JUN85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE		YOUNG-OF-YEAR			
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	8368 3276	NS	11529	0 0	NS	0
TAPPAN ZEE	15643 6281	67228 53279	38975 788	0 0	0 0	0 0
CROTON-HAVERSTRAW	18483 5563	21699 4666	13372 3319	0 0	0 0	0 0
INDIAN POINT	2101 620	5228 3458	1067 726	0 0	0 0	0 0
WEST POINT	260 164	63 51	NS	0 0	0 0	NS
CORNWALL	0 0	0 0	0 0	0 0	0 0	0 0
POUGHKEEPSIE	0 0	0 0	NS	0 0	0 0	NS
HYDE PARK	0 0	0 0	NS	0 0	0 0	NS
KINGSTON	0 0	0 0	NS	0 0	0 0	NS
SAUGERTIES	0 0	0 0	NS	0 0	0 0	NS
CATSKILL	0 0	0 0	NS	0 0	0 0	NS
ALBANY	NS	0 0	NS	NS	0 0	NS
TOTAL STANDING CROP	44855 9030	94218 53594	64942 3487	0 0	0 0	0 0

TABLE B-118  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 17JUN85 TO 21JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	42622 15964	NS	855	0 0	NS	0
TAPPAN ZEE	17342 4774	160053 45336	81314 36531	0 0	0 0	0 0
CROTON-HAVERSTRAW	38312 4678	1110 424	54620 11436	0 0	0 0	0 0
INDIAN POINT	167212 47719	27602 9570	12884 4011	0 0	0 0	0 0
WEST POINT	9035 2242	425 163	NS	0 0	0 0	NS
CORNWALL	1315 444	267 177	53 53	0 0	0 0	0 0
POUGHKEEPSIE	83 57	31 31	NS	0 0	0 0	NS
HYDE PARK	0 0	0 0	NS	0 0	0 0	NS
KINGSTON	0 0	0 0	NS	0 0	0 0	NS
SAUGERTIES	0 0	0 0	NS	0 0	0 0	NS
CATSKILL	0 0	0 0	NS	0 0	0 0	NS
ALBANY	NS	0 0	NS	NS	0 0	NS
TOTAL STANDING CROP	275923 50812	189487 46337	149727 38489	0 0	0 0	0 0

TABLE B-119

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	18021 3640	NS	106497	0 0	NS	0
TAPPAN ZEE	134917 31392	121859 29820	197940 85164	0 0	0 0	0 0
CROTON-HAVERSTRAW	78735 15517	90821 17709	419024 210503	0 0	0 0	0 0
INDIAN POINT	144481 21183	32240 5048	12899 4205	0 0	0 0	0 0
WEST POINT	12476 2585	1877 1189	NS	0 0	0 0	NS
CORNWALL	485 153	1122 355	996 351	0 0	0 0	0 0
POUGHKEEPSIE	902 357	624 292	NS	0 0	0 0	NS
HYDE PARK	46 46	0 0	NS	0 0	0 0	NS
KINGSTON	0 0	0 0	NS	0 0	0 0	NS
SAUGERTIES	0 0	0 0	NS	0 0	0 0	NS
CATSKILL	0 0	0 0	NS	0 0	0 0	NS
ALBANY	NS	0 0	NS	NS	0 0	NS
TOTAL STANDING CROP	390065 41171	248543 35070	737356 227117	0 0	0 0	0 0

TABLE B-120  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 01JUL85 TO 05JUL85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	24075 8942	NS	623	0 0	NS	0
TAPPAN ZEE	69865 12809	57308 10451	56165 9318	0 0	0 0	0 0
CROTON-HAVERSTRAW	62305 15508	21790 8639	166283 77685	0 0	0 0	0 0
INDIAN POINT	223398 40827	44138 22490	40068 16443	0 0	0 0	0 0
WEST POINT	37594 6605	4148 1809	NS	0 0	0 0	NS
CORNWALL	18468 6451	2047 459	1281 891	0 0	0 0	0 0
POUGHKEEPSIE	2646 584	214 81	NS	0 0	0 0	NS
HYDE PARK	800 440	0 0	NS	0 0	0 0	NS
KINGSTON	123 123	0 0	NS	0 0	0 0	NS
SAUGERTIES	0 0	0 0	NS	0 0	0 0	NS
CATSKILL	0 0	0 0	NS	0 0	0 0	NS
ALBANY	NS	0 0	NS	NS	0 0	NS
TOTAL STANDING CROP	439274 47299	129645 26328	264420 79956	0 0	0 0	0 0

TABLE B-121

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR BAY ANCHOVY POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 08JUL85 TO 11JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	43745 11049	NS	14331	0 0	NS	0
TAPPAN ZEE	123868 21955	44650 17663	129370 36149	0 0	0 0	0 0
CROTON-HAVERSTRAW	50948 17196	88515 17328	190298 31791	0 0	0 0	0 0
INDIAN POINT	139859 26813	44888 17019	14600 8023	0 0	0 0	0 0
WEST POINT	50184 11636	6003 2639	NS	0 0	0 0	NS
CORNWALL	16442 3246	8841 2865	3011 1353	0 0	0 0	0 0
POUGHKEEPSIE	40191 11032	8092 3049	NS	0 0	0 0	NS
HYDE PARK	188 81	585 309	NS	0 0	0 0	NS
KINGSTON	514 116	98 67	NS	0 0	0 0	NS
SAUGERTIES	314 314	102 66	NS	0 0	0 0	NS
CATSKILL	313 87	0 0	NS	0 0	0 0	NS
ALBANY	NS	0 0	NS	NS	0 0	NS
TOTAL STANDING CROP	466564 43434	201775 30438	351611 48822	0 0	0 0	0 0



TABLE B-122

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 29APR85 TO 03MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0		0	0		0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0		0	0		0
INDIAN POINT	0	0	0	0	0	0
	0		0	0		0
WEST POINT	0	0	NS	0	0	NS
	0			0		
CORNWALL	0	0	0	0	0	0
	0		0	0		0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0			0		
HYDE PARK	0	0	NS	0	0	NS
	0			0		
KINGSTON	0	0	NS	0	0	NS
	0			0		
SAUGERTIES	0	0	NS	0	0	NS
	0			0		
CATSKILL	0	0	NS	0	0	NS
	0			0		
ALBANY	NS	0	NS	NS	0	NS
TOTAL STANDING CROP	0	0	0	0	0	0
	0		0	0		0

TABLE B-123

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 06MAY85 TO 10MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-124

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 13MAY85 TO 17MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-125

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 20MAY85 TO 23MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0
	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0		0	0	
TOTAL STANDING CROP	0	0	0	0	0	0
	0	0	0	0	0	0

TABLE B-126  
 1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 28MAY85 TO 30MAY85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE				YOUNG-OF-YEAR			
	CHANNEL	BOTTOM	SHOAL		CHANNEL	BOTTOM	SHOAL	
YONKERS	0	NS	0		0	NS	0	0
	0		0		0		0	0
TAPPAN ZEE	0	0	0		0	0	0	0
	0	0	0		0	0	0	0
CROTON-HAVERSTRAW	0	0	0		0	0	0	0
	0	0	0		0	0	0	0
INDIAN POINT	0	0	NS		0	0	0	NS
	0	0			0	0	0	
WEST POINT	0	0	NS		0	0	0	NS
	0	0			0	0	0	
CORNWALL	0	0	0		0	0	0	0
	0	0	0		0	0	0	0
POUGHKEEPSIE	0	0	NS		0	0	0	NS
	0	0			0	0	0	
HYDE PARK	0	0	NS		0	0	0	NS
	0	0			0	0	0	
KINGSTON	0	0	NS		0	0	0	NS
	0	0			0	0	0	
SAUGERTIES	0	0	NS		0	0	0	NS
	0	0			0	0	0	
CATSKILL	0	0	NS		0	0	0	NS
	0	0			0	0	0	
ALBANY	NS	0	NS		NS	0	0	NS
		0				0	0	
TOTAL STANDING CROP	0	0	0		0	0	0	0
	0	0	0		0	0	0	0

TABLE B-127

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 03JUN85 TO 07JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0		0	0		0
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	24	0	0	0	0
	0	24	0	0	0	0
INDIAN POINT	0	0	13	0	0	0
	0	0	13	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HIDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	0	24	13	0	0	0
	0	24	13	0	0	0

TABLE B-128

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 10JUN85 TO 13JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	50	NS	0	0	NS	0
	50			0		
TAPPAN ZEE	0	0	0	0	0	0
	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	62	0	0	0	0
	0	41	0	0	0	0
INDIAN POINT	0	0	8	0	0	0
	0	0	8	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	50	62	8	0	0	0
	50	41	8	0	0	0

TABLE B-129

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 17JUN85 TO 21JUN85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	0	168	0	0	0	0
	0	126	0	0	0	0
CROTON-HAVERSTRAW	0	0	36	0	0	0
	0	0	36	0	0	0
INDIAN POINT	30	216	0	0	0	0
	30	58	0	0	0	0
WEST POINT	0	0	NS	0	0	NS
	0	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	30	384	36	0	0	0
	30	139	36	0	0	0



TABLE B-130

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 24JUN85 TO 27JUN85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	168 118	NS	174	0 0	NS	0
TAPPAN ZEE	133 84	72 72	0 0	0 0	0 0	0 0
CROTON-HAVERSTRAW	89 60	0 0	0 0	0 0	0 0	0 0
INDIAN POINT	0 0	0 0	106 37	0 0	0 0	0 0
WEST POINT	0 0	0 0	NS	0 0	0 0	NS
CORNWALL	0 0	0 0	0 0	0 0	0 0	0 0
POUGHKEEPSIE	0 0	0 0	NS	0 0	0 0	NS
HYDE PARK	0 0	0 0	NS	0 0	0 0	NS
KINGSTON	0 0	0 0	NS	0 0	0 0	NS
SAUGERTIES	0 0	0 0	NS	0 0	0 0	NS
CATSKILL	0 0	0 0	NS	0 0	0 0	NS
ALBANY	NS	0 0	NS	NS	0 0	NS
TOTAL STANDING CROP	390 157	72 72	280 37	0 0	0 0	0 0

TABLE B-131

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 01JUL85 TO 05JUL85 . STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	0	NS	0	0	NS	0
	0			0		
TAPPAN ZEE	65	43	0	0	0	0
	65	43	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0
	0	0	0	0	0	0
INDIAN POINT	65	0	0	0	0	0
	44	0	0	0	0	0
WEST POINT	23	0	NS	0	0	NS
	23	0		0	0	
CORNWALL	0	0	0	0	0	0
	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	NS
	0	0		0	0	
HYDE PARK	0	0	NS	0	0	NS
	0	0		0	0	
KINGSTON	0	0	NS	0	0	NS
	0	0		0	0	
SAUGERTIES	0	0	NS	0	0	NS
	0	0		0	0	
CATSKILL	0	0	NS	0	0	NS
	0	0		0	0	
ALBANY	NS	0	NS	NS	0	NS
		0			0	
TOTAL STANDING CROP	153	43	0	0	0	0
	82	43	0	0	0	0

TABLE B-132

1985 LONGITUDINAL RIVER SURVEY STANDING CROP DATA (IN THOUSANDS) FOR WEAKFISH  
 POST YOLK-SAC LARVAE AND YOUNG OF YEAR FROM 08JUL85 TO 11JUL85. STANDARD ERRORS  
 (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM  
 WAS NOT SAMPLED.

REGION	POST YOLK-SAC LARVAE			YOUNG-OF-YEAR		
	CHANNEL	BOTTOM	SHOAL	CHANNEL	BOTTOM	SHOAL
YONKERS	368 244	NS	531	0 0	NS	0
TAPPAN ZEE	1403 810	382 185	234 117	0 0	0 0	0 0
CROTON-HAVERSTRAW	0 0	269 87	144 94	0 0	0 0	0 0
INDIAN POINT	376 106	250 115	0 0	33 33	0 0	9 9
WEST POINT	42 29	51 27	NS	23 23	0 0	NS
CORNWALL	0 0	0 0	0 0	0 0	0 0	0 0
POUGHKEEPSIE	0 0	0 0	NS	0 0	0 0	NS
HYDE PARK	0 0	0 0	NS	0 0	0 0	NS
KINGSTON	0 0	0 0	NS	0 0	0 0	NS
SAUGERTIES	0 0	0 0	NS	0 0	0 0	NS
CATSKILL	0 0	0 0	NS	0 0	0 0	NS
ALBANY	NS	0 0	NS	NS	0 0	NS
TOTAL STANDING CROP	2189 853	951 236	910 150	56 40	0 0	9 9

TABLE B-133 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER							
	FALL SHOALS		BEACH SEINE		SHOAL		CHANNEL		BOTTOM		SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	BOTTOM	SHOALS	SHOALS	SHOALS	SHORE	
YONKERS	0	NS	0	0	0	0	0	0	NS	0	0	0	0	
	0		0	0			0	0		0	0	0	0	
TAPPAN ZEE	0	0	5	44	<0.5	18	0	0	0	0	5	6	4	
	0	0	<0.5	18	<0.5	18	0	0	0	<0.5	<0.5	4	4	
CROTON-HAVERSTRAW	0	0	29	98	<0.5	35	0	0	0	0	17	29	17	
	0	0	<0.5	35	<0.5	35	0	0	0	<0.5	<0.5	17	17	
INDIAN POINT	0	15	2	48	<0.5	24	0	0	0	0	6	17	10	
	0	10	<0.5	24	<0.5	24	0	0	0	<0.5	<0.5	10	10	
WEST POINT	0	5	NS	3	NS	2	0	0	0	0	NS	1	1	
	0	5	NS	2	NS	2	0	0	0	0	NS	1	1	
CORNWALL	88	5	15	41	<0.5	13	0	0	0	0	0	0	0	
	88	5	<0.5	13	<0.5	13	0	0	0	0	0	0	0	
POUGHKEEPSIE	0	12	NS	14	NS	12	0	0	0	0	NS	1	1	
	0	12	NS	12	NS	12	0	0	0	0	NS	1	1	
HYDE PARK	101	0	NS	1	NS	1	0	0	0	0	NS	<0.5	<0.5	
	101	0	NS	1	NS	1	0	0	0	0	NS	<0.5	<0.5	
KINGSTON	144	64	NS	28	NS	14	0	0	0	0	NS	3	3	
	144	64	NS	14	NS	14	0	0	0	0	NS	3	3	
SAUGERTIES	0	36	NS	88	NS	30	0	0	11	8	NS	8	5	
	0	20	NS	30	NS	30	0	0	11	8	NS	8	5	
CATSKILL	0	3	NS	212	NS	52	0	0	2	2	NS	6	6	
	0	3	NS	52	NS	52	0	0	2	2	NS	6	6	
ALBANY	NS	10	NS	50	NS	28	NS	0	0	0	NS	2	2	
	NS	10	NS	28	NS	28	NS	0	0	0	NS	2	2	
TOTAL STANDING CROP	333	151	51	627	<0.5	84	0	0	13	8	28	73	22	
	197	70	<0.5	84	<0.5	84	0	0	13	8	<0.5	22	22	

TABLE B-134 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 29JUL85 TO 14AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	11	30	0	0	31	11
	0	0	<0.5	9	0	0	<0.5	5
CROTON-HAVERSTRAW	0	0	105	75	0	0	147	6
	0	0	<0.5	29	0	0	<0.5	3
INDIAN POINT	0	0	35	18	0	7	22	0
	0	0	<0.5	10	0	7	<0.5	0
WEST POINT	0	0	NS	2	0	0	NS	0
	0	0		1	0	0		0
CORNWALL	0	0	3	23	0	0	0	2
	0	0	<0.5	12	0	0	0	2
POUGHKEEPSIE	0	0	NS	7	0	0	NS	3
	0	0		5	0	0		2
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	3	NS	2	0	3	NS	5
	0	3		2	0	3		5
SAUGERTIES	0	3	NS	20	0	2	NS	0
	0	3		10	0	2		0
CATSKILL	0	0	NS	10	0	0	NS	2
	0	0		6	0	0		2
ALBANY	NS	7	NS	14	NS	0	NS	0
		4		6	0	0		0
TOTAL STANDING CROP	0	13	154	200	0	13	200	29
	0	6	<0.5	37	0	8	<0.5	8

TABLE B-135

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	3	0
	0	0	0	0	0	<0.5	<0.5	0
TAPPAN ZEE	0	0	33	74	0	0	93	8
	0	0	<0.5	22	0	0	<0.5	5
CROTON-HAVERSTRAW	0	15	69	6	0	0	17	2
	0	9	<0.5	4	0	0	<0.5	2
INDIAN POINT	0	0	14	24	0	0	0	0
	0	0	<0.5	13	0	0	0	0
WEST POINT	0	0	NS	3	0	0	NS	0
	0	0	0	2	0	0	0	0
CORNWALL	0	6	3	117	0	0	0	2
	0	6	<0.5	47	0	0	0	2
POUGHKEEPSIE	0	0	NS	10	0	0	NS	3
	0	0	0	8	0	0	0	3
HYDE PARK	0	4	NS	1	0	0	NS	<0.5
	0	4	0	1	0	0	<0.5	<0.5
KINGSTON	0	3	NS	3	0	3	NS	0
	0	3	0	3	0	3	0	0
SAUGERTIES	0	14	NS	29	0	0	NS	8
	0	7	0	13	0	0	NS	8
CATSKILL	0	0	NS	14	0	0	NS	8
	0	0	0	7	0	0	NS	4
ALBANY	NS	1	NS	6	NS	0	NS	0
	0	1	0	3	0	0	0	0
TOTAL STANDING CROP	0	43	118	287	0	3	113	30
	0	14	<0.5	56	0	3	<0.5	11

TABLE B-136 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0	0	0	0	0	0	0	0
TAPPAN ZEE	0	0	11	117	0	0	23	2
	0	0	<0.5	51	0	0	<0.5	2
CROTON-HAVERSTRAW	0	0	12	190	0	3	0	4
	0	0	<0.5	56	0	3	0	4
INDIAN POINT	0	30	20	29	0	0	0	0
	0	30	<0.5	17	0	0	0	0
WEST POINT	0	12	NS	1	0	0	NS	0
	0	8		1	0	0		0
CORNWALL	0	0	2	5	0	0	3	0
	0	0	<0.5	5	0	0	<0.5	0
POUGHKEEPSIE	0	0	NS	6	0	9	NS	0
	0	0		4	0	9		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	3	NS	5	0	0	NS	0
	0	3		5	0	0		0
SAUGERTIES	0	15	NS	2	0	2	NS	0
	0	15		2	0	2		0
CATSKILL	0	0	NS	8	0	0	NS	0
	0	0		5	0	0		0
ALBANY	NS	0	NS	6	NS	0	NS	0
		0		6		0		0
TOTAL STANDING CROP	0	59	44	370	0	15	26	6
	0	34	<0.5	79	0	10	<0.5	4

TABLE B-137 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	SHOAL	SHORE	BEACH SEINE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0	0	0	0	0	0	0	0
TAPPAN ZEE	0	0	15	76	0	0	7	4
	0	0	<0.5	33	0	0	<0.5	4
CROTON-HAVERSTRAW	0	0	158	284	0	0	78	2
	0	0	<0.5	53	0	0	<0.5	2
INDIAN POINT	0	0	2	28	0	0	0	0
	0	0	<0.5	14	0	0	0	0
WEST POINT	0	0	NS	8	0	0	NS	0
	0	0	4	4	0	0	0	0
CORNWALL	0	4	0	44	0	0	0	0
	0	4	0	15	0	0	0	0
POUGHKEEPSIE	0	8	NS	1	0	0	NS	0
	0	8	1	1	0	0	0	0
HYDE PARK	0	0	NS	<0.5	0	3	NS	0
	0	0	<0.5	<0.5	0	3	NS	0
KINGSTON	0	0	NS	3	39	3	NS	0
	0	0	2	2	39	3	NS	0
SAUGERTIES	0	5	NS	2	0	0	NS	0
	0	5	2	2	0	0	NS	0
CATSKILL	0	2	NS	8	0	4	NS	0
	0	2	6	6	0	3	NS	0
ALBANY	NS	1	NS	4	NS	0	NS	2
	1	1	3	3	0	0	NS	2
TOTAL STANDING CROP	0	21	174	459	39	10	85	8
	0	11	<0.5	66	39	5	<0.5	5



TABLE B-138 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	4	44	0	13	8	11
	0	0	<0.5	13	0	13	<0.5	5
CROTON-HAVERSTRAW	0	0	109	83	0	0	53	4
	0	0	<0.5	26	0	0	<0.5	3
INDIAN POINT	0	0	55	18	0	0	15	17
	0	0	<0.5	8	0	0	<0.5	14
WEST POINT	0	4	NS	3	0	0	NS	0
	0	4		3	0	0		0
CORNWALL	0	0	4	2	0	0	0	0
	0	0	<0.5	2	0	0	0	0
POUGHKEEPSIE	0	0	NS	4	0	0	NS	0
	0	0		3	0	0		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
SAUGERTIES	0	14	NS	0	0	0	NS	0
	0	12		0	0	0		0
CATSKILL	0	4	NS	0	0	0	NS	0
	0	3		0	0	0		0
ALBANY	NS	0	NS	2	NS	0	NS	4
		0		2		0		4
TOTAL STANDING CROP	0	22	171	156	0	13	76	36
	0	12	<0.5	30	0	13	<0.5	16

TABLE B-139

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	4	0
	0		0	0	0		<0.5	0
TAPPAN ZEE	0	0	4	32	0	0	24	13
	0	0	<0.5	23	0	0	<0.5	8
CROTON-HAVERSTRAW	0	3	91	17	0	0	52	10
	0	3	<0.5	10	0	0	<0.5	7
INDIAN POINT	0	4	9	22	0	0	9	0
	0	4	<0.5	20	0	0	<0.5	0
WEST POINT	0	4	NS	6	0	0	NS	0
	0	4		3	0	0		0
CORNWALL	0	0	0	0	0	0	1	0
	0	0	0	0	0	0	<0.5	0
POUGHKEEPSIE	0	0	NS	3	0	6	NS	3
	0	0		2	0	6		2
HYDE PARK	0	0	NS	0	0	3	NS	0
	0	0		0	0	3		0
KINGSTON	0	0	NS	0	0	0	NS	3
	0	0		0	0	0		3
SAUGERTIES	0	0	NS	2	0	0	NS	0
	0	0		2	0	0		0
CATSKILL	0	0	NS	2	0	0	NS	0
	0	0		2	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	0	11	103	84	0	9	90	29
	0	7	<0.5	32	0	7	<0.5	11

TABLE B-140 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 22OCT85 TO 30OCT85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	
TAPPAN ZEE	0	5	72	0	0	0	0	5	138	2	2	
	0	5	<0.5	0			0	5	<0.5	2	2	
CROTON-HAVERSTRAW	0	0	179	36	15	0	0	3	84	2	2	
	0	0	<0.5	15			0	3	<0.5	2	2	
INDIAN POINT	0	5	34	13	13	0	0	0	30	0	0	
	0	5	<0.5	13			0	0	<0.5	0	0	
WEST POINT	0	0	NS	3	1	0	0	0	NS	0	0	
	0	0		1			0	0		0	0	
CORNWALL	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
POUGHKEEPSIE	0	0	NS	11	10	0	0	0	NS	11	10	
	0	0		10			0	0		10	10	
HYDE PARK	0	0	NS	0	0	0	0	0	NS	0	0	
	0	0		0			0	0		0	0	
KINGSTON	0	0	NS	3	3	0	0	0	NS	0	0	
	0	0		3			0	0		0	0	
SAUGERTIES	0	2	NS	2	2	0	0	0	NS	0	0	
	0	2		2			0	0		0	0	
CATSKILL	0	0	NS	0	0	0	0	0	NS	0	0	
	0	0		0			0	0		0	0	
ALBANY	NS	1	NS	4	4	NS	NS	2	NS	0	0	
		1		4				2		0	0	
TOTAL STANDING CROP	0	14	285	73	23	0	0	11	252	15	15	
	0	8	<0.5	23			0	7	<0.5	10	10	

TABLE B-141

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 05NOV85 TO 14NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE
YONKERS	0	NS	3	0	0	0	0	NS	3	0	3	0
	0		<0.5	0		0	0		<0.5	0		0
TAPPAN ZEE	0	0	46	2	2	0	0	22	64	2	64	2
	0	0	<0.5	2	2	0	0	11	<0.5	2	<0.5	2
CROTON-HAVERSTRAW	0	0	60	2	2	0	0	4	74	0	74	0
	0	0	<0.5	2	2	0	0	4	<0.5	0	<0.5	0
INDIAN POINT	0	10	0	15		0	0	27	13	0	13	0
	0	7	0	13		0	0	24	<0.5	0	<0.5	0
WEST POINT	193	0	NS	3		0	0	3	NS	0	NS	0
	193	0		2		0	0	3		0		0
CORNWALL	0	0	0	2		0	0	0	0	0	0	0
	0	0	0	2		0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	6		0	0	0	NS	4	NS	4
	0	0		4		0	0	0		3		3
HYDE PARK	0	0	NS	0		0	0	0	NS	0	NS	0
	0	0		0		0	0	0		0		0
KINGSTON	0	3	NS	0		0	0	0	NS	0	NS	0
	0	3		0		0	0	0		0		0
SAUGERTIES	0	0	NS	0		0	0	0	NS	0	NS	0
	0	0		0		0	0	0		0		0
CATSKILL	0	0	NS	0		0	0	0	NS	0	NS	0
	0	0		0		0	0	0		0		0
ALBANY	NS	0	NS	0		0	NS	0	NS	0	NS	0
		0		0		0		0		0		0
TOTAL STANDING CROP	193	13	109	29		0	0	56	153	6	153	6
	193	8	<0.5	14		0	0	27	<0.5	3	<0.5	3

TABLE B-142 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER STRIPED BASS FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	2 2	NS	NS	NS	0 0
TAPPAN ZEE	NS	NS	NS	0 0	NS	NS	NS	0 0
CROTON-HAVERSTRAW	NS	NS	NS	8 4	NS	NS	NS	0 0
INDIAN POINT	NS	NS	NS	0 0	NS	NS	NS	0 0
WEST POINT	NS	NS	NS	2 2	NS	NS	NS	0 0
CORNWALL	NS	NS	NS	0 0	NS	NS	NS	0 0
POUGHKEEPSIE	NS	NS	NS	0 0	NS	NS	NS	0 0
HYDE PARK	NS	NS	NS	0 0	NS	NS	NS	<0.5 <0.5
KINGSTON	NS	NS	NS	0 0	NS	NS	NS	0 0
SAUGERTIES	NS	NS	NS	0 0	NS	NS	NS	0 0
CATSKILL	NS	NS	NS	0 0	NS	NS	NS	0 0
ALBANY	NS	NS	NS	0 0	NS	NS	NS	0 0
TOTAL STANDING CROP	NS	NS	NS	11 5	NS	NS	NS	<0.5 <0.5

TABLE B-143 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	9	NS	9	2
	0		0	0	0	0	0		<0.5		<0.5	2
TAPPAN ZEE	0	0	0	0	4	4	0	1.42	402	1.42	402	373
	0	0	0	0	3	3	0	82	<0.5	82	<0.5	164
CROTON-HAVERSTRAW	0	4	3	8	8	8	0	15	295	15	295	511
	0	4	<0.5	3	3	3	0	15	<0.5	15	<0.5	169
INDIAN POINT	0	0	0	4	4	4	0	120	84	120	84	527
	0	0	0	4	4	4	0	66	<0.5	66	<0.5	189
WEST POINT	0	5	NS	27	27	27	0	32	NS	32	NS	44
	0	5		13	13	13	0	14		14		24
CORNWALL	0	4	10	11	11	11	0	128	58	128	58	60
	0	4	<0.5	7	7	7	0	47	<0.5	47	<0.5	30
POUGHKEEPSIE	0	69	NS	81	81	81	0	150	NS	150	NS	16
	0	30		72	72	72	0	61		61		6
HYDE PARK	257	47	NS	70	70	70	257	486	NS	486	NS	1
	257	18		68	68	68	257	133		133		<0.5
KINGSTON	56	94	NS	186	186	186	233	454	NS	454	NS	64
	56	41		109	109	109	162	94		94		42
SAUGERTIES	69	15	NS	21	21	21	0	688	NS	688	NS	495
	69	8		7	7	7	0	249		249		178
CATSKILL	0	22	NS	331	331	331	99	277	NS	277	NS	384
	0	9		152	152	152	99	72		72		186
ALBANY	NS	17	NS	82	82	82	NS	96	NS	96	NS	49
		8		42	42	42		12		12		35
TOTAL STANDING CROP	382	277	13	823	823	823	588	2588	847	2588	847	2525
	272	57	<0.5	217	217	217	320	333	<0.5	333	<0.5	402

TABLE B-144

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 29 JUL 85 TO 14 AUG 85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	78	2	0	2
	0		0	0	0	0	0	<0.5	<0.5	2		2
TAPPAN ZEE	0	0	154	38	16	38	0	318	2222	246	0	246
	0	0	<0.5	16	16	16	0	234	<0.5	58	0	58
CROTON-HAVERSTRAW	0	0	0	131	55	131	0	7	334	361	0	361
	0	0	0	55	55	55	0	4	<0.5	136	0	136
INDIAN POINT	618	0	4	65	24	65	0	28	53	317	0	317
	373	0	<0.5	24	24	24	0	17	<0.5	164	0	164
WEST POINT	0	4	NS	11	9	11	0	106	NS	4	0	4
	0	4		9	9	9	0	101		2	0	2
CORNWALL	0	7	4	9	3	9	89	41	4	96	0	96
	0	7	<0.5	3	3	3	89	13	<0.5	24	0	24
POUGHKEEPSIE	0	39	NS	88	50	88	1014	136	NS	10	0	10
	0	10		50	50	50	1014	41		7	0	7
HYDE PARK	354	17	NS	2	2	2	405	169	NS	<0.5	0	<0.5
	121	13		2	2	2	405	35		<0.5	0	<0.5
KINGSTON	249	20	NS	31	31	31	133	374	NS	24	0	24
	249	9		31	31	31	99	94		18	0	18
SAUGERTIES	0	20	NS	84	37	84	0	224	NS	310	0	310
	0	7		37	37	37	0	41		176	0	176
CATSKILL	0	10	NS	128	111	128	0	165	NS	268	0	268
	0	5		111	111	111	0	36		222	0	222
ALBANY	NS	23	NS	266	193	266	NS	175	NS	12	0	12
		7		193	193	193		33		8		8
TOTAL STANDING CROP	1222	141	162	852	241	852	1641	1743	2691	1650	1641	1650
	464	23	<0.5	241	241	241	1100	285	<0.5	361	1100	361

TABLE B-145 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	53	0	0	0
	0		0	0		0	0		<0.5			0
TAPPAN ZEE	0	0	0	170			0	681	3143	596		
	0	0	0	80			0	299	<0.5	212		
CROTON-HAVERSTRAW	0	0	0	177			0	798	2155	73		
	0	0	0	138			0	308	<0.5	37		
INDIAN POINT	0	0	2	35			0	49	127	29		
	0	0	<0.5	31			0	30	<0.5	9		
WEST POINT	157	4	NS	144			0	35	NS	31		
	157	4		84			0	20		15		
CORNWALL	0	11	8	288			0	167	39	75		
	0	7	<0.5	139			0	64	<0.5	47		
POUGHKEEPSIE	0	463	NS	14			394	3053	NS	45		
	0	182		12			394	2051		35		
HYDE PARK	0	243	NS	15			89	376	NS	2		
	0	150		6			89	94		1		
KINGSTON	297	117	NS	21			658	730	NS	7		
	148	17		16			325	167		7		
SAUGERTIES	0	72	NS	137			151	1299	NS	146		
	0	29		101			103	888		45		
CATSKILL	0	12	NS	220			0	129	NS	211		
	0	5		143			0	34		168		
ALBANY	NS	2	NS	80			NS	45	NS	64		
		2		38				9		62		
TOTAL STANDING CROP	454	923	10	1300			1292	7364	5516	1279		
	216	238	<0.5	292			529	2285	<0.5	290		



TABLE B-146 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	44	0	0	
	0	0	0	0	0	0	0	<0.5	<0.5	0	0	
TAPPAN ZEE	0	0	0	133	49	0	0	209	989	178	94	
	0	0	0	0	0	0	0	43	<0.5	<0.5	0	
CROTON-HAVERSTRAW	0	0	0	206	81	0	0	104	109	206	91	
	0	0	0	0	0	0	0	40	<0.5	<0.5	0	
INDIAN POINT	0	0	0	37	20	0	241	51	57	101	48	
	0	0	0	0	0	0	241	24	<0.5	<0.5	0	
WEST POINT	0	0	NS	13	6	0	0	78	NS	6	3	
	0	0	0	0	0	0	0	37	NS	0	0	
CORNWALL	0	7	42	20	15	0	0	7	245	5	4	
	0	7	<0.5	0	0	0	0	7	<0.5	0	0	
POUGHKEEPSIE	0	406	NS	38	16	0	0	1097	NS	3	3	
	0	325	0	0	0	0	0	802	NS	0	0	
HYDE PARK	80	47	NS	6	2	0	86	733	NS	0	0	
	80	19	0	0	0	0	86	202	NS	0	0	
KINGSTON	44	80	NS	52	27	0	161	375	NS	10	7	
	44	15	0	0	0	0	121	81	NS	0	0	
SAUGERTIES	90	109	NS	96	32	0	0	368	NS	51	15	
	57	63	0	0	0	0	0	73	NS	0	0	
CATSKILL	0	7	NS	96	73	0	0	347	NS	2	2	
	0	4	0	0	0	0	0	152	NS	0	0	
ALBANY	NS	10	NS	2	2	NS	NS	163	NS	111	83	
	NS	3	0	0	0	0	NS	43	NS	NS	NS	
TOTAL STANDING CROP	214	665	42	697	130	489	3531	1444	672	672	163	
	108	332	<0.5	0	0	283	852	<0.5	<0.5	<0.5	<0.5	

TABLE B-147 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	83	0
	0		0	0	0		<0.5	0
TAPPAN ZEE	0	0	0	81	0	320	982	61
	0	0	0	53	0	211	<0.5	24
CROTON-HAVERSTRAW	0	0	0	303	0	284	340	695
	0	0	0	117	0	158	<0.5	244
INDIAN POINT	0	0	0	208	0	197	38	144
	0	0	0	113	0	42	<0.5	84
WEST POINT	0	0	NS	147	0	15	NS	9
	0	0		73	0	8		5
CORNWALL	0	13	0	55	0	61	6	51
	0	13	0	53	0	61	<0.5	41
POUGHKEEPSIE	618	214	NS	20	1207	137	NS	7
	24	94		15	576	28		5
HYDE PARK	258	417	NS	2	419	353	NS	1
	167	88		2	313	101		1
KINGSTON	76	328	NS	40	1428	955	NS	7
	48	90		18	661	245		3
SAUGERTIES	155	138	NS	103	155	382	NS	33
	155	44		46	155	84		15
CATSKILL	0	77	NS	262	0	264	NS	65
	0	29		198	0	68		33
ALBANY	NS	26	NS	37	NS	35	NS	142
		8		23		8		104
TOTAL STANDING CROP	1107	1213	0	1258	3209	3003	1448	1216
	234	166	0	282	944	397	<0.5	285

TABLE B-148 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	16	14	0	14
	0		0	0		0	0	<0.5		14		14
TAPPAN ZEE	0	0	0	87	0	0	0	600	1135	530	0	530
	0	0	0	40	0	0	0	154	<0.5	386	0	386
CROTON-HAVERSTRAW	0	0	0	119	0	0	0	1288	661	181	0	181
	0	0	0	79	0	0	0	387	<0.5	142	0	142
INDIAN POINT	0	0	2	7	0	0	0	355	495	15	0	15
	0	0	<0.5	5	0	0	0	129	<0.5	7	0	7
WEST POINT	0	9	NS	16	0	0	0	5	NS	33	0	33
	0	4		13			0	5		31		31
CORNWALL	0	64	18	23	0	0	0	145	172	9	0	9
	0	21	<0.5	21	0	0	0	44	<0.5	3	0	3
POUGHKEEPSIE	0	321	NS	3	0	0	0	184	NS	0	0	0
	0	110		2			0	78		0		0
HYDE PARK	281	133	NS	5	0	0	282	195	NS	1	0	1
	179	71		2			181	65		1		1
KINGSTON	98	34	NS	19	0	0	1389	385	NS	3	0	3
	98	11		11			645	78		2		2
SAUGERTIES	0	218	NS	76	0	0	0	687	NS	12	0	12
	0	123		42			0	275		10		10
CATSKILL	0	14	NS	22	0	0	0	287	NS	6	0	6
	0	8		18			0	117		4		4
ALBANY	NS	1	NS	6	0	0	NS	74	NS	0	0	0
		1		4			24			0		0
TOTAL STANDING CROP	379	794	20	383	0	0	1671	4205	2480	803	0	803
	204	181	<0.5	104			670	546	<0.5	413		413

TABLE B-149

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	104	6
	0		0	0	0		<0.5	3
TAPPAN ZEE	0	0	0	55	0	174	1468	153
	0	0	0	18	0	54	<0.5	78
CROTON-HAVERSTRAW	0	3	0	194	0	130	1439	35
	0	3	0	176	0	24	<0.5	23
INDIAN POINT	0	0	0	39	0	20	121	608
	0	0	0	28	0	11	<0.5	604
WEST POINT	154	13	NS	12	312	38	NS	9
	154	6		7	156	19		5
CORNWALL	86	43	24	14	83	127	24	9
	86	19	<0.5	4	83	33	<0.5	6
POUGHKEEPSIE	187	198	NS	20	379	340	NS	14
	187	72		17	190	172		7
HYDE PARK	87	135	NS	10	579	85	NS	4
	87	64		8	579	20		2
KINGSTON	566	98	NS	3	2112	443	NS	5
	436	51		3	1525	86		5
SAUGERTIES	55	50	NS	107	1208	307	NS	72
	55	38		77	977	46		26
CATSKILL	0	32	NS	132	128	162	NS	96
	0	14		74	128	68		44
ALBANY	NS	14	NS	2	NS	33	NS	0
		6		2		7		0
TOTAL STANDING CROP	1136	586	24	588	4802	1858	3156	1012
	517	118	<0.5	209	1923	221	<0.5	611

TABLE B-150 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 22OCT85 TO 30OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	378	0
	0		0	0	0		<0.5	0
TAPPAN ZEE	0	0	8	40	0	323	4075	25
	0	0	<0.5	22	0	210	<0.5	11
CROTON-HAVERSTRAW	0	0	21	31	0	111	3076	83
	0	0	<0.5	25	0	32	<0.5	30
INDIAN POINT	0	32	66	109	149	238	152	55
	0	19	<0.5	68	149	140	<0.5	26
WEST POINT	479	51	NS	57	160	38	NS	5
	479	23		35	160	18		3
CORNWALL	0	199	10	0	0	104	9	2
	0	73	<0.5	0	0	20	<0.5	2
POUGHKEEPSIE	0	173	NS	4	0	78	NS	4
	0	71		4	0	21		4
HYDE PARK	600	125	NS	2	0	115	NS	3
	487	47		1	0	26		2
KINGSTON	526	169	NS	41	1096	615	NS	0
	230	41		32	514	157		0
SAUGERTIES	0	102	NS	27	0	286	NS	4
	0	32		27	0	57		4
CATSKILL	0	41	NS	4	0	92	NS	0
	0	10		4	0	37		0
ALBANY	NS	6	NS	0	NS	25	NS	0
		4		0	5			0
TOTAL STANDING CROP	1604	898	105	315	1405	2024	7690	180
	721	128	<0.5	93	559	309	<0.5	41

TABLE B-151

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 05NOV85 TO 14NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	190	0	0	0
	0		0	0	0	0	0	<0.5	<0.5	0	0	0
TAPPAN ZEE	0	0	294	8	8	8	0	55	2297	57	57	57
	0	0	<0.5	4	4	4	0	24	<0.5	43	43	43
CROTON-HAVERSTRAW	0	4	0	2	2	2	0	80	903	4	4	4
	0	4	0	2	2	2	0	18	<0.5	3	3	3
INDIAN POINT	0	33	12	219	219	219	0	100	60	59	59	59
	0	15	<0.5	219	219	219	0	65	<0.5	38	38	38
WEST POINT	210	68	NS	44	44	44	0	20	NS	4	4	4
	210	44		32	32	32	0	9		3	3	3
CORNWALL	0	50	16	5	5	5	0	15	12	0	0	0
	0	14	<0.5	4	4	4	0	10	<0.5	0	0	0
POUGHKEEPSIE	928	123	NS	7	7	7	1392	279	NS	13	13	13
	928	54		2	2	2	1392	107		9	9	9
HYDE PARK	2807	270	NS	1	1	1	3449	244	NS	<0.5	<0.5	<0.5
	1401	101		1	1	1	1646	50		<0.5	<0.5	<0.5
KINGSTON	50	209	NS	9	9	9	862	854	NS	10	10	10
	50	46		7	7	7	682	457		3	3	3
SAUGERTIES	407	69	NS	2	2	2	1044	411	NS	0	0	0
	263	24		2	2	2	671	86		0	0	0
CATSKILL	0	29	NS	0	0	0	257	155	NS	2	2	2
	0	14		0	0	0	204	33		2	2	2
ALBANY	NS	6	NS	0	0	0	NS	41	NS	2	2	2
		2		0	0	0		17		2	2	2
TOTAL STANDING CROP	4401	861	322	297	297	297	7004	2254	3461	151	151	151
	1714	135	<0.5	222	222	222	2367	487	<0.5	59	59	59

TABLE B-152 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE PERCH FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	0	NS	NS	NS	2
				0				2
TAPPAN ZEE	NS	NS	NS	8	NS	NS	NS	28
				5				11
CROTON-HAVERSTRAW	NS	NS	NS	4	NS	NS	NS	27
				3				21
INDIAN POINT	NS	NS	NS	6	NS	NS	NS	15
				2				15
WEST POINT	NS	NS	NS	12	NS	NS	NS	5
				6				4
CORNWALL	NS	NS	NS	4	NS	NS	NS	2
				4				2
POUGHKEEPSIE	NS	NS	NS	1	NS	NS	NS	0
				1				0
HYDE PARK	NS	NS	NS	7	NS	NS	NS	1
				6				1
KINGSTON	NS	NS	NS	21	NS	NS	NS	19
				10				19
SAUGERTIES	NS	NS	NS	0	NS	NS	NS	4
				0				4
CATSKILL	NS	NS	NS	12	NS	NS	NS	2
				10				2
ALBANY	NS	NS	NS	0	NS	NS	NS	2
				0				2
TOTAL STANDING CROP	NS	NS	NS	73	NS	NS	NS	106
				18				35

TABLE B-153 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	49	8	0	NS	0	0
	0		<0.5	3	0		0	0
TAPPAN ZEE	0	12	219	74	0	0	0	0
	0	8	<0.5	15	0	0	0	0
CROTON-HAVERSTRAW	0	25	39	108	0	0	0	0
	0	12	<0.5	44	0	0	0	0
INDIAN POINT	0	5	4	153	0	0	0	0
	0	5	<0.5	71	0	0	0	0
WEST POINT	182	19	NS	5	0	0	NS	0
	182	8		3	0	0		0
CORNWALL	88	32	24	126	0	0	0	0
	88	22	<0.5	60	0	0	0	0
POUGHKEEPSIE	0	312	NS	240	0	0	NS	0
	0	69		60	0	0		0
HYDE PARK	302	4	NS	65	0	0	NS	0
	302	4		15	0	0		0
KINGSTON	200	49	NS	1408	0	0	NS	0
	144	15		506	0	0		0
SAUGERTIES	861	265	NS	661	0	0	NS	0
	338	98		199	0	0		0
CATSKILL	102	510	NS	1127	0	0	NS	0
	65	119		416	0	0		0
ALBANY	NS	51	NS	615	NS	0	NS	0
		28		340	0	0		0
TOTAL STANDING CROP	1735	1285	334	4590	0	0	0	0
	521	174	<0.5	774	0	0	0	0



TABLE B-154 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 29JUL85 TO 14AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	162	NS	9	5	0	NS	0	0
	100		<0.5	3	0		0	0
TAPPAN ZEE	201	7	43	269	0	0	0	0
	201	7	<0.5	65	0	0	0	0
CROTON-HAVERSTRAW	0	25	66	234	0	0	0	0
	0	9	<0.5	105	0	0	0	0
INDIAN POINT	1022	0	26	59	0	0	0	0
	561	0	<0.5	27	0	0	0	0
WEST POINT	0	0	NS	13	0	0	NS	0
	0	0		5	0	0		0
CORNWALL	89	14	28	107	0	0	0	0
	89	14	<0.5	26	0	0	0	0
POUGHKEEPSIE	223	34	NS	132	0	0	NS	0
	223	24		70	0	0		0
HYDE PARK	374	4	NS	14	0	0	NS	0
	255	4		7	0	0		0
KINGSTON	238	35	NS	399	0	0	NS	0
	154	14		156	0	0		0
SAUGERTIES	117	223	NS	601	0	0	NS	0
	74	87		193	0	0		0
CATSKILL	0	308	NS	321	0	0	NS	0
	0	89		133	0	0		0
ALBANY	NS	92	NS	258	NS	0	NS	0
		27		80		0		0
TOTAL STANDING CROP	2427	741	172	2411	0	0	0	0
	719	131	<0.5	327	0	0	0	0

TABLE B-155 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	30	76	0	0	0	0
	0	0	<0.5	26	0	0	0	0
CROTON-HAVERSTRAW	0	3	12	142	0	0	0	0
	0	3	<0.5	50	0	0	0	0
INDIAN POINT	0	0	13	7	0	0	0	0
	0	0	<0.5	5	0	0	0	0
WEST POINT	0	0	NS	20	165	0	NS	0
	0	0		6	165	0		0
CORNWALL	0	0	84	236	0	0	1	0
	0	0	<0.5	54	0	0	<0.5	0
POUGHKEEPSIE	0	9	NS	143	0	0	NS	0
	0	9		64	0	0		0
HYDE PARK	0	13	NS	53	0	0	NS	0
	0	6		10	0	0		0
KINGSTON	219	29	NS	143	0	0	NS	0
	121	15		78	0	0		0
SAUGERTIES	0	57	NS	511	0	0	NS	0
	0	23		96	0	0		0
CATSKILL	39	103	NS	506	0	0	NS	0
	39	31		140	0	0		0
ALBANY	NS	50	NS	155	NS	0	NS	0
		15		102	0	0		0
TOTAL STANDING CROP	257	264	139	1992	165	0	1	0
	127	45	<0.5	236	165	0	<0.5	0

TABLE B-156 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	92	NS	3	0	0	NS	0	0
	92		<0.5	0	0		0	0
TAPPAN ZEE	0	7	10	83	0	0	0	0
	0	7	<0.5	49	0	0	0	0
CROTON-HAVERSTRAW	0	0	5	29	0	0	0	0
	0	0	<0.5	15	0	0	0	0
INDIAN POINT	130	14	0	26	0	0	0	0
	130	10	0	17	0	0	0	0
WEST POINT	0	0	NS	14	0	0	NS	0
	0	0		6	0	0		0
CORNWALL	0	7	37	89	0	0	0	0
	0	7	<0.5	22	0	0	0	0
POUGHKEEPSIE	0	35	NS	53	0	0	NS	0
	0	35		13	0	0		0
HYDE PARK	0	4	NS	18	0	0	NS	0
	0	4		5	0	0		0
KINGSTON	120	2	NS	84	0	0	NS	0
	54	2		38	0	0		0
SAUGERTIES	42	28	NS	406	0	0	NS	0
	42	19		149	0	0		0
CATSKILL	0	17	NS	242	0	0	NS	0
	0	8		89	0	0		0
ALBANY	NS	7	NS	301	NS	0	NS	0
		4		177	0	0		0
TOTAL STANDING CROP	384	121	55	1344	0	0	0	0
	173	44	<0.5	258	0	0	0	0

TABLE B-157 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	0
	0		0	0	0	0	0		0	0	0	0
TAPPAN ZEE	0	0	36	986	986	986	0	0	0	0	0	0
	0	0	<0.5	797	797	797	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	3	184	184	184	0	0	0	0	0	0
	0	0	<0.5	83	83	83	0	0	0	0	0	0
INDIAN POINT	0	0	0	107	107	107	0	0	0	0	0	0
	0	0	0	66	66	66	0	0	0	0	0	0
WEST POINT	0	17	NS	18	18	18	0	0	0	NS	0	0
	0	10		8	8	8	0	0	0	0	0	0
CORNWALL	0	43	5	119	119	119	0	0	0	0	0	0
	0	33	<0.5	41	41	41	0	0	0	0	0	0
POUGHKEEPSIE	1230	76	NS	68	68	68	0	0	0	NS	0	0
	683	42		28	28	28	0	0	0	0	0	0
HYDE PARK	175	0	NS	9	9	9	0	0	0	NS	0	0
	175	0		3	3	3	0	0	0	0	0	0
KINGSTON	152	56	NS	67	67	67	0	0	0	NS	0	0
	96	21		21	21	21	0	0	0	0	0	0
SAUGERTIES	52	82	NS	310	310	310	0	0	0	NS	0	0
	52	33		143	143	143	0	0	0	0	0	0
CATSKILL	0	66	NS	232	232	232	0	0	0	NS	0	0
	0	24		71	71	71	0	0	0	0	0	0
ALBANY	NS	1	NS	138	138	138	NS	0	0	NS	0	0
		1		41	41	41		0	0		0	0
TOTAL STANDING CROP	1609	341	44	2240	2240	2240	0	0	0	0	0	0
	713	71	<0.5	823	823	823	0	0	0	0	0	0

TABLE B-158 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	21	21	30	0	0	0	0
	0	14	<0.5	14	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	6	0	0	0	0
	0	0	0	4	0	0	0	0
INDIAN POINT	0	0	0	2	0	0	0	0
	0	0	0	2	0	0	0	0
WEST POINT	0	0	NS	6	0	0	NS	0
	0	0		5	0	0		0
CORNWALL	0	29	12	50	0	0	0	0
	0	13	<0.5	15	0	0	0	0
POUGHKEEPSIE	225	0	NS	31	0	0	NS	0
	225	0		9	0	0		0
HYDE PARK	0	0	NS	7	0	0	NS	0
	0	0		2	0	0		0
KINGSTON	49	27	NS	146	0	0	NS	0
	49	11		136	0	0		0
SAUGERTIES	0	40	NS	164	0	0	NS	0
	0	12		58	0	0		0
CATSKILL	0	13	NS	130	0	0	NS	0
	0	8		48	0	0		0
ALBANY	NS	1	NS	85	NS	0	NS	0
		1		36		0		0
TOTAL STANDING CROP	273	132	33	658	0	0	0	0
	230	26	<0.5	161	0	0	0	0

TABLE B-159 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR					YEARLING AND OLDER					
	FALL SHOALS		BEACH SEINE		SHOAL	FALL SHOALS		BEACH SEINE		SHOAL	
	CHANNEL	BOTTOM	SHOAL	SHORE		CHANNEL	BOTTOM	SHOAL	SHORE		
YONKERS	0	NS	3	0		0	NS	0	0	0	0
	0		<0.5	0		0		0	0	0	0
TAPPAN ZEE	0	7	26	91		0	0	0	0	0	0
	0	7	<0.5	45		0	0	0	0	0	0
CROTON-HAVERSTRAW	0	17	4	17		0	0	0	0	0	0
	0	10	<0.5	10		0	0	0	0	0	0
INDIAN POINT	452	29	0	24		0	0	0	0	0	0
	62	16	0	22		0	0	0	0	0	0
WEST POINT	473	14	NS	15		0	0	0	NS	0	0
	272	9		3		0	0	0		0	0
CORNWALL	0	65	12	176		0	0	0	0	0	0
	0	38	<0.5	50		0	0	0	0	0	0
POUGHKEEPSIE	0	38	NS	43		0	0	0	NS	0	0
	0	14		29		0	0	0		0	0
HYDE PARK	0	10	NS	8		0	0	0	NS	0	0
	0	4		2		0	0	0		0	0
KINGSTON	40	23	NS	36		0	0	0	NS	0	0
	40	10		18		0	0	0		0	0
SAUGERTIES	44	66	NS	98		0	0	0	NS	0	0
	44	25		30		0	0	0		0	0
CATSKILL	0	60	NS	126		0	0	2	NS	0	0
	0	18		41		0	0	2		0	0
ALBANY	NS	0	NS	146		NS	0	0	NS	0	0
		0		68			0	0		0	0
TOTAL STANDING CROP	1010	329	45	779		0	2	2	0	0	0
	286	57	<0.5	116		0	2	2		0	0

TABLE B-160 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 22OCT85 TO 30OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	54	26	0	NS	0	2
	0		<0.5	17	0		0	2
TAPPAN ZEE	45	11	83	256	0	0	0	0
	45	7	<0.5	56	0	0	0	0
CROTON-HAVERSTRAW	0	0	11	109	0	0	0	0
	0	0	<0.5	33	0	0	0	0
INDIAN POINT	0	10	4	11	0	0	0	0
	0	6	<0.5	7	0	0	0	0
WEST POINT	0	6	NS	8	0	0	NS	0
	0	4		4	0	0		0
CORNWALL	0	0	0	55	0	0	0	0
	0	0	0	27	0	0	0	0
POUGHKEEPSIE	0	77	NS	24	0	0	NS	0
	0	67		12	0	0		0
HYDE PARK	85	10	NS	4	0	0	NS	0
	85	7		1	0	0		0
KINGSTON	182	41	NS	15	0	0	NS	0
	94	20		8	0	0		0
SAUGERTIES	49	32	NS	21	0	0	NS	0
	49	13		10	0	0		0
CATSKILL	0	33	NS	4	0	0	NS	0
	0	10		3	0	0		0
ALBANY	NS	3	NS	37	NS	0	NS	0
		2		30	0	0		0
TOTAL STANDING CROP	361	223	152	571	0	0	0	2
	143	73	<0.5	81	0	0	0	2

TABLE B-161 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 05NOV85 TO 14NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	70	18	0	NS	0	0
	0		<0.5	11	0		0	0
TAPPAN ZEE	0	10	29	460	0	0	0	0
	0	10	<0.5	105	0	0	0	0
CROTON-HAVERSTRAW	0	13	14	175	0	0	0	0
	0	7	<0.5	69	0	0	0	0
INDIAN POINT	0	23	4	41	0	0	0	0
	0	9	<0.5	16	0	0	0	0
WEST POINT	0	0	NS	7	0	0	NS	0
	0	0		2	0	0		0
CORNWALL	0	0	1	20	0	0	0	0
	0	0	<0.5	11	0	0	0	0
POUGHKEEPSIE	0	33	NS	11	0	0	NS	0
	0	24		4	0	0		0
HYDE PARK	0	8	NS	<0.5	0	0	NS	0
	0	5		<0.5	0	0		0
KINGSTON	0	3	NS	31	0	0	NS	0
	0	3		14	0	0		0
SAUGERTIES	0	5	NS	2	0	0	NS	0
	0	3		2	0	0		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
	0	0		0	0	0		0
TOTAL STANDING CROP	0	96	118	765	0	0	0	0
	0	29	<0.5	128	0	0	0	0



TABLE B-162 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER AMERICAN SHAD FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	12 5	NS	NS	NS	0 0
TAPPAN ZEE	NS	NS	NS	100 31	NS	NS	NS	0 0
CROTON-HAVERSTRAW	NS	NS	NS	85 25	NS	NS	NS	0 0
INDIAN POINT	NS	NS	NS	15 9	NS	NS	NS	0 0
WEST POINT	NS	NS	NS	1 1	NS	NS	NS	0 0
CORNWALL	NS	NS	NS	0 0	NS	NS	NS	0 0
POUGHKEEPSIE	NS	NS	NS	0 0	NS	NS	NS	0 0
HYDE PARK	NS	NS	NS	0 0	NS	NS	NS	0 0
KINGSTON	NS	NS	NS	0 0	NS	NS	NS	0 0
SAUGERTIES	NS	NS	NS	0 0	NS	NS	NS	0 0
CATSKILL	NS	NS	NS	0 0	NS	NS	NS	0 0
ALBANY	NS	NS	NS	0 0	NS	NS	NS	0 0
TOTAL STANDING CROP	NS	NS	NS	212 41	NS	NS	NS	0 0

TABLE B-163 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	400	<0.5	9	6	0	NS	20	0	0	
	0						0	<0.5			0	
TAPPAN ZEE	0	1445	41	<0.5	70	27	0	185	4	0	0	
	0	465					0	55	<0.5	0	0	
CROTON-HAVERSTRAW	0	67	3	<0.5	63	27	0	0	0	0	0	
	0	38					0	0	0	0	0	
INDIAN POINT	0	1747	30	<0.5	13	9	0	0	0	0	0	
	0	904					0	0	0	0	0	
WEST POINT	1457	1616	NS		2	1	0	55	NS	0	0	
	1457	1174					0	45		0	0	
CORNWALL	706	993	136	<0.5	0	0	0	0	0	0	0	
	706	298					0	0	0	0	0	
POUGHKEEPSIE	0	164	NS		0	0	0	0	NS	0	0	
	0	31					0	0		0	0	
HYDE PARK	0	231	NS		0	0	0	0	NS	0	0	
	0	64					0	0		0	0	
KINGSTON	0	92	NS		0	0	0	0	NS	0	0	
	0	50					0	0		0	0	
SAUGERTIES	0	0	NS		0	0	0	0	NS	0	0	
	0	0					0	0		0	0	
CATSKILL	0	9	NS		0	0	0	0	NS	0	0	
	0	5					0	0		0	0	
ALBANY	NS	0	NS		0	0	NS	0	NS	0	0	
		0					0	0		0	0	
TOTAL STANDING CROP	2163	6363	610	<0.5	157	40	0	240	25	0	0	
	1619	1584					0	71	<0.5	0	0	

TABLE B-164 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 29JUL85 TO 14AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	892	2	76	NS	54	0
	0		<0.5	2	76		<0.5	0
TAPPAN ZEE	0	1825	277	27	0	350	44	0
	0	316	<0.5	9	0	220	<0.5	0
CROTON-HAVERSTRAW	0	4	0	15	0	0	0	0
	0	4	0	8	0	0	0	0
INDIAN POINT	0	155	0	0	0	0	0	0
	0	70	0	0	0	0	0	0
WEST POINT	2101	196	NS	2	0	4	NS	0
	1314	78		2	0	4		0
CORNWALL	322	1941	36	0	234	43	1	0
	204	1381	<0.5	0	234	35	<0.5	0
POUGHKEEPSIE	338	76	NS	0	0	0	NS	0
	338	42		0	0	0		0
HYDE PARK	0	69	NS	0	0	0	NS	0
	0	35		0	0	0		0
KINGSTON	0	11	NS	0	0	0	NS	0
	0	9		0	0	0		0
SAUGERTIES	0	21	NS	0	0	0	NS	0
	0	12		0	0	0		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	2761	4298	1206	45	310	397	100	0
	1372	1422	<0.5	13	246	223	<0.5	0

TABLE B-165 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	0	NS	166	166	0	0	0	NS	66	66	0	0
	0		<0.5	<0.5	0	0	0		<0.5	<0.5	0	0
TAPPAN ZEE	0	205	151	151	13	13	0	6	17	17	0	0
	0	52	<0.5	<0.5	6	6	0	6	<0.5	<0.5	0	0
CROTON-HAVERSTRAW	0	69	21	21	0	0	0	5	0	0	0	0
	0	21	<0.5	<0.5	0	0	0	5	0	0	0	0
INDIAN POINT	0	343	0	0	0	0	0	4	2	2	0	0
	0	124	0	0	0	0	0	4	<0.5	<0.5	0	0
WEST POINT	4968	1039	NS	NS	0	0	997	95	NS	NS	0	0
	1996	327			0	0	751	83			0	0
CORNWALL	87	508	78	78	0	0	0	0	0	0	0	0
	87	69	<0.5	<0.5	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	233	NS	NS	0	0	0	0	NS	NS	0	0
	0	101			0	0	0	0			0	0
HYDE PARK	0	31	NS	NS	0	0	0	0	NS	NS	0	0
	0	18			0	0	0	0			0	0
KINGSTON	0	41	NS	NS	0	0	0	0	NS	NS	0	0
	0	26			0	0	0	0			0	0
SAUGERTIES	0	2	NS	NS	0	0	0	0	NS	NS	0	0
	0	2			0	0	0	0			0	0
CATSKILL	0	0	NS	NS	0	0	0	0	NS	NS	0	0
	0	0			0	0	0	0			0	0
ALBANY	NS	0	NS	NS	0	0	NS	0	NS	NS	0	0
		0			0	0		0			0	0
TOTAL STANDING CROP	5054	2472	416	416	13	13	997	110	84	84	0	0
	1998	376	<0.5	<0.5	6	6	751	84	<0.5	<0.5	0	0

TABLE B-166 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 26AUG85 TO 07SEP85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	92	NS	6	0	0	NS	4	0
	92		<0.5	0	0		<0.5	0
TAPPAN ZEE	0	123	19	53	0	27	0	0
	0	45	<0.5	21	0	15	0	0
CROTON-HAVERSTRAW	0	77	0	4	0	0	0	2
	0	45	0	3	0	0	0	2
INDIAN POINT	0	39	0	0	241	5	0	0
	0	21	0	0	241	5	0	0
WEST POINT	1367	512	NS	0	0	48	NS	0
	1367	251		0	0	24		0
CORNWALL	0	217	63	0	0	0	3	0
	0	106	<0.5	0	0	0	<0.5	0
POUGHKEEPSIE	0	376	NS	0	0	0	NS	0
	0	112		0	0	0		0
HYDE PARK	0	16	NS	0	0	0	NS	0
	0	10		0	0	0		0
KINGSTON	0	13	NS	0	0	0	NS	0
	0	8		0	0	0		0
SAUGERTIES	48	2	NS	0	0	2	NS	0
	48	2		0	0	2		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	1507	1376	88	57	241	82	7	2
	1371	302	<0.5	21	241	28	<0.5	2

TABLE B-167

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	112	0	0	0	0	NS	0	0	0	
	0		<0.5	0		0	0		0		0	
TAPPAN ZEE	0	106	32	27	0	0	0	0	0	0	2	
	0	57	<0.5	12		0	0	0	0	0	2	
CROTON-HAVERSTRAW	0	6	0	4	0	0	0	0	0	0	0	
	0	6	0	3		0	0	0	0	0	0	
INDIAN POINT	286	87	0	2	0	0	0	5	0	0	0	
	144	43	0	2		0	0	5	0	0	0	
WEST POINT	622	158	NS	1	0	0	0	0	NS	0	0	
	416	34		1		0	0	0		0	0	
CORNWALL	0	29	2	0	0	0	0	0	0	0	0	
	0	20	<0.5	0		0	0	0	0	0	0	
POUGHKEEPSIE	0	231	NS	0	0	0	0	0	NS	0	0	
	0	52		0		0	0	0		0	0	
HYDE PARK	0	70	NS	0	0	0	0	0	NS	0	0	
	0	23		0		0	0	0		0	0	
KINGSTON	0	11	NS	0	0	0	0	0	NS	0	0	
	0	6		0		0	0	0		0	0	
SAUGERTIES	0	26	NS	0	0	0	0	0	NS	0	0	
	0	9		0		0	0	0		0	0	
CATSKILL	0	0	NS	0	0	0	0	0	NS	0	0	
	0	0		0		0	0	0		0	0	
ALBANY	NS	0	NS	0	0	0	NS	0	NS	0	0	
		0		0		0	0	0		0	0	
TOTAL STANDING CROP	907	724	146	33		0	0	5	0	0	2	
	440	100	<0.5	12		0	0	5	0	0	2	

TABLE B-168 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	72	2			0	NS	0	0	0	
	0		<0.5	2			0		0	0	0	
TAPPAN ZEE	0	16	23	49			0	0	0	0	4	
	0	16	<0.5	21			0	0	0	0	4	
CROTON-HAVERSTRAW	0	4	0	8			0	4	0	0	0	
	0	4	0	6			0	4	0	0	0	
INDIAN POINT	0	247	4	0			0	18	0	0	0	
	0	88	<0.5	0			0	12	0	0	0	
WEST POINT	0	151	NS	0			0	3	NS	0	0	
	0	29		0			0	3		0	0	
CORNWALL	0	33	30	0			0	0	0	0	0	
	0	10	<0.5	0			0	0	0	0	0	
POUGHKEEPSIE	0	85	NS	0			0	0	NS	0	0	
	0	49		0			0	0		0	0	
HYDE PARK	0	42	NS	0			0	0	NS	0	0	
	0	15		0			0	0		0	0	
KINGSTON	0	37	NS	0			0	0	NS	0	0	
	0	18		0			0	0		0	0	
SAUGERTIES	0	24	NS	0			0	3	NS	0	0	
	0	19		0			0	3		0	0	
CATSKILL	0	0	NS	0			0	0	NS	0	0	
	0	0		0			0	0		0	0	
ALBANY	NS	0	NS	0			NS	0	NS	0	0	
		0		0			0	0		0	0	
TOTAL STANDING CROP	0	638	129	58			0	27	0	0	4	
	0	111	<0.5	22			0	13	0	0	4	

TABLE B-169 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	58 <0.5	0	0	NS	3 <0.5	0
TAPPAN ZEE	0	121	130 <0.5	30	0	22	4 <0.5	0
	0	33		14	0	15		0
CROTON-HAVERSTRAW	0	77	7 <0.5	0	0	10	0	0
	0	42		0	0	5	0	0
INDIAN POINT	132	19	4 <0.5	0	0	8	0	0
	132	1		0	0	8	0	0
WEST POINT	0	52	NS	0	0	0	NS	0
	0	24		0	0	0		0
CORNWALL	0	22	2 <0.5	0	0	0	0	0
	0	14		0	0	0	0	0
POUGHKEEPSIE	0	30	NS	0	0	0	NS	0
	0	16		0	0	0		0
HYDE PARK	0	9	NS	0	0	0	NS	0
	0	9		0	0	0		0
KINGSTON	0	40	NS	0	0	0	NS	0
	0	17		0	0	0		0
SAUGERTIES	0	13	NS	0	0	0	NS	0
	0	8		0	0	0		0
CATSKILL	0	4	NS	0	0	0	NS	0
	0	4		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	132	387	201 <0.5	30	0	40	8 <0.5	0
	132	65		14	0	18		0



TABLE B-170 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 22OCT85 TO 30OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	52 <0.5	0	0	NS	35 <0.5	0
TAPPAN ZEE	0	201 63	92 <0.5	17 10	0	0	4 <0.5	0
CROTON-HAVERSTRAW	0	109 41	6 <0.5	0	0	10 7	0	0
INDIAN POINT	0	215 88	2 <0.5	0	0	32 20	0	0
WEST POINT	0	71 34	NS	0	0	0	NS	0
CORNWALL	0	30 15	0	0	0	0	0	0
POUGHKEEPSIE	0	41 23	NS	0	0	0	NS	0
HYDE PARK	0	4 4	NS	0	0	0	NS	0
KINGSTON	0	6 6	NS	0	0	0	NS	0
SAUGERTIES	0	23 10	NS	0	0	2 2	NS	0
CATSKILL	0	0 0	NS	0	0	0	NS	0
ALBANY	NS	0 0	NS	0	NS	0	NS	0
TOTAL STANDING CROP	0	700 124	151 <0.5	17 10	0	44 21	39 <0.5	0

TABLE B-171 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 05NOV85 TO 14NOV85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	0	NS	35	<0.5	0	0	0	NS	0	NS	0	0
	0				0	0	0		0		0	0
TAPPAN ZEE	0	90	58	<0.5	2	2	0	30	33	19	19	12
	0	36			2		0	13	<0.5	12		
CROTON-HAVERSTRAW	0	35	3	<0.5	0	0	0	0	0	0	0	0
	0	10			0		0	0		0	0	0
INDIAN POINT	0	72	0		0	0	0	6	0	0	0	0
	0	36	0		0	0	0	6	0	0	0	0
WEST POINT	0	178	NS		0	0	0	0	NS	0	0	0
	0	74			0		0	0		0	0	0
CORNWALL	0	0	0		0	0	0	0	0	0	0	0
	0	0	0		0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	65	NS		0	0	0	8	NS	0	0	0
	0	45			0		0	8		0	0	0
HYDE PARK	0	4	NS		0	0	0	0	NS	0	0	0
	0	4			0		0	0		0	0	0
KINGSTON	0	20	NS		0	0	0	3	NS	0	0	0
	0	20			0		0	3		0	0	0
SAUGERTIES	0	8	NS		0	0	0	5	NS	0	0	0
	0	8			0		0	5		0	0	0
CATSKILL	0	0	NS		0	0	0	0	NS	0	0	0
	0	0			0		0	0		0	0	0
ALBANY	NS	0	NS		0	0	NS	1	NS	0	0	0
	0	0			0		1	1		0	0	0
TOTAL STANDING CROP	0	473	96	<0.5	2	2	0	53	33	19	19	12
	0	103			2		0	17	<0.5	12		

TABLE B-172 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC TOMCOD FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	0	NS	NS	NS	0
				0				0
TAPPAN ZEE	NS	NS	NS	6	NS	NS	NS	0
				4				0
CROTON-HAVERSTRAW	NS	NS	NS	0	NS	NS	NS	0
				0				0
INDIAN POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
WEST POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
CORNWALL	NS	NS	NS	0	NS	NS	NS	0
				0				0
POUGHKEEPSIE	NS	NS	NS	0	NS	NS	NS	0
				0				0
HYDE PARK	NS	NS	NS	0	NS	NS	NS	0
				0				0
KINGSTON	NS	NS	NS	0	NS	NS	NS	0
				0				0
SAUGERTIES	NS	NS	NS	0	NS	NS	NS	0
				0				0
CATSKILL	NS	NS	NS	0	NS	NS	NS	0
				0				0
ALBANY	NS	NS	NS	0	NS	NS	NS	0
				0				0
TOTAL STANDING CROP	NS	NS	NS	6	NS	NS	NS	0
				4				0

TABLE B-173 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE
YONKERS	0	NS	5	0	<0.5	0	0	NS	0	0	0	0
TAPPAN ZEE	0	11	52	0	<0.5	0	0	0	0	8	0	0
CROTON-HAVERSTRAW	0	857	10	0	<0.5	0	0	0	0	<0.5	0	0
INDIAN POINT	0	12	0	0	0	0	0	0	0	0	0	0
WEST POINT	1427	80	NS	0	0	0	0	0	0	NS	0	0
CORNWALL	936	34	23	185	<0.5	132	0	0	0	0	0	2
POUGHKEEPSIE	207	3765	NS	502	NS	255	0	0	0	NS	0	0
HYDE PARK	4956	1002	NS	257	NS	211	0	0	0	NS	0	0
KINGSTON	2643	4415	NS	9139	NS	9088	0	7	NS	NS	0	0
SAUGERTIES	12611	7166	NS	343	NS	199	0	3	NS	NS	0	0
CATSKILL	2710	2558	NS	258	NS	98	0	3	NS	NS	0	0
ALBANY	NS	787	NS	56	NS	32	NS	3	NS	NS	0	0
TOTAL STANDING CROP	25084	20724	89	10741	<0.5	9097	0	17	8	<0.5	2	2
	6319	1755					0	7				

TABLE B-174 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 29JUL85 TO 14AUG85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	9	0	0	NS	0	0
	0		<0.5	0	0		0	0
TAPPAN ZEE	269	93	7	0	0	7	3	0
	269	36	<0.5	0	0	7	<0.5	0
CROTON-HAVERSTRAW	168	975	19	35	0	0	0	0
	168	218	<0.5	31	0	0	0	0
INDIAN POINT	40055	143	25	26	0	0	0	0
	38927	63	<0.5	24	0	0	0	0
WEST POINT	0	16	NS	17	0	0	NS	0
	0	12		14	0	0		0
CORNWALL	117	13	36	30	0	6	0	0
	117	8	<0.5	13	0	6	0	0
POUGHKEEPSIE	26601	1836	NS	609	0	0	NS	0
	23248	1037		435	0	0		0
HYDE PARK	9020	1235	NS	172	0	0	NS	0
	3509	474		143	0	0		0
KINGSTON	12564	5892	NS	28	0	0	NS	0
	4802	1170		14	0	0		0
SAUGERTIES	3667	4186	NS	1974	0	3	NS	0
	2844	729		1643	0	3		0
CATSKILL	2275	5264	NS	264	0	5	NS	0
	999	946		176	0	3		0
ALBANY	NS	3474	NS	1176	NS	1	NS	0
		580		705		1		0
TOTAL STANDING CROP	94735	23125	96	4330	0	23	3	0
	45829	2118	<0.5	1854	0	11	<0.5	0

TABLE B-175

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	3	0	0	NS	0	0
	0		<0.5	0	0		0	0
TAPPAN ZEE	0	203	115	2	0	0	3	0
	0	112	<0.5	2	0	0	<0.5	0
CROTON-HAVERSTRAW	0	74	60	4	0	0	0	0
	0	28	<0.5	3	0	0	0	0
INDIAN POINT	535	78	2	0	0	0	0	0
	535	45	<0.5	0	0	0	0	0
WEST POINT	322	24	NS	89	0	0	NS	0
	161	12		81	0	0		0
CORNWALL	0	78	141	437	0	0	0	0
	0	27	<0.5	151	0	0	0	0
POUGHKEEPSIE	5716	963	NS	7	0	0	NS	0
	5716	416		4	0	0		0
HYDE PARK	4230	1032	NS	89	0	0	NS	0
	1823	390		46	0	0		0
KINGSTON	12454	2703	NS	826	49	3	NS	0
	7766	580		786	49	3		0
SAUGERTIES	2187	916	NS	3062	0	3	NS	0
	1166	182		2362	0	3		0
CATSKILL	791	3343	NS	714	0	4	NS	0
	615	1045		384	0	3		0
ALBANY	NS	1217	NS	425	NS	1	NS	0
		363		381		1		0
TOTAL STANDING CROP	26234	10630	320	5656	49	10	3	0
	9918	1391	<0.5	2553	49	5	<0.5	0

TABLE B-176 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	554	NS	16	0	0	NS	0	0
	554		<0.5	0	0		0	0
TAPPAN ZEE	0	105	3	40	0	0	0	0
	0	39	<0.5	36	0	0	0	0
CROTON-HAVERSTRAW	0	33	0	21	0	0	0	0
	0	25	0	12	0	0	0	0
INDIAN POINT	0	22	0	79	121	0	0	0
	0	18	0	79	121	0	0	0
WEST POINT	0	0	NS	3	0	0	NS	0
	0	0		2	0	0		0
CORNWALL	0	27	14	55	0	0	0	0
	0	7	<0.5	17	0	0	0	0
POUGHKEEPSIE	1219	945	NS	274	0	0	NS	0
	746	851		238	0	0		0
HYDE PARK	7908	519	NS	84	0	0	NS	0
	2978	116		48	0	0		0
KINGSTON	8601	1263	NS	76	0	0	NS	0
	3633	459		33	0	0		0
SAUGERTIES	3044	764	NS	2875	0	2	NS	0
	1917	219		2149	0	2		0
CATSKILL	268	1598	NS	71	0	0	NS	0
	129	686		36	0	0		0
ALBANY	NS	2522	NS	476	NS	1	NS	0
		1085		253		1		0
TOTAL STANDING CROP	21594	7797	34	4054	121	3	0	0
	5160	1627	<0.5	2179	121	2	0	0

TABLE B-177

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR					YEARLING AND OLDER					
	FALL SHOALS		BEACH SEINE		SHORE	FALL SHOALS		BEACH SEINE		SHORE	
	CHANNEL	BOTTOM	SHOAL	SHOAL		CHANNEL	BOTTOM	SHOAL	SHOAL		
YONKERS	0	NS	0	0	0	0	NS	0	0	0	0
	0		0	0	0	0		0	0	0	0
TAPPAN ZEE	0	97	68	2573	0	0	0	0	0	0	0
	0	45	<0.5	1590	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	9	4	33	0	0	0	0	0	0	2
	0	9	<0.5	21	0	0	0	0	0	0	2
INDIAN POINT	0	4	0	11	0	0	0	0	0	0	0
	0	4	0	11	0	0	0	0	0	0	0
WEST POINT	308	11	NS	11	0	0	0	0	NS	0	0
	154	9		6	0	0		0	0	0	0
CORNWALL	78	78	18	75	0	0	0	0	0	0	0
	78	52	<0.5	32	0	0	0	0	0	0	0
POUGHKEEPSIE	15695	295	NS	309	0	0	0	0	NS	0	0
	9373	105		297	0	0		0	0	0	0
HYDE PARK	11251	1236	NS	10	0	0	3	NS	0	0	0
	8361	424		8	0	0	3		0	0	0
KINGSTON	14481	1689	NS	566	0	0	3	NS	0	0	0
	7134	402		535	0	0	3		0	0	0
SAUGERTIES	4112	2314	NS	534	0	0	12	NS	0	0	0
	2025	512		316	0	0	12		0	0	0
CATSKILL	148	1851	NS	360	0	0	0	NS	0	0	0
	72	342		232	0	0	0		0	0	0
ALBANY	NS	142	NS	163	NS	NS	3	NS	0	0	0
		38		88			2				
TOTAL STANDING CROP	46072	7727	90	4645	0	0	21	0	0	21	2
	14587	859	<0.5	1751	0	0	13	0	0	13	2



TABLE B-176 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	161	NS	21	0	0	NS	0	0
	99		<0.5	0	0		0	0
TAPPAN ZEE	0	56	7	9	0	0	0	0
	0	29	<0.5	8	0	0	0	0
CROTON-HAVERSTRAW	0	11	0	0	0	0	0	0
	0	11	0	0	0	0	0	0
INDIAN POINT	0	46	2	0	0	0	0	0
	0	30	<0.5	0	0	0	0	0
WEST POINT	314	47	NS	3	0	0	NS	0
	314	33		3	0	0		0
CORNWALL	178	343	36	30	0	0	0	0
	178	202	<0.5	24	0	0	0	0
POUGHKEEPSIE	215	933	NS	21	0	9	NS	0
	215	524		21	0	9		0
HYDE PARK	2081	206	NS	38	0	0	NS	0
	937	58		22	0	0		0
KINGSTON	2925	4117	NS	260	0	0	NS	0
	1852	1169		179	0	0		0
SAUGERTIES	325	984	NS	1147	0	0	NS	0
	265	421		559	0	0		0
CATSKILL	1549	317	NS	18	0	0	NS	0
	550	60		6	0	0		0
ALBANY	NS	147	NS	155	NS	0	NS	0
		30		94	0	0		0
TOTAL STANDING CROP	7747	7207	65	1682	0	9	0	0
	2206	1367	<0.5	596	0	9	0	0

TABLE B-179

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	62	<0.5	0	0	0	NS	0	0	0	
	0				0	0	0		0	0	0	
TAPPAN ZEE	0	1337	2416	<0.5	0	0	0	0	0	9	0	
	0	423			0	0	0		<0.5	0	0	
CROTON-HAVERSTRAW	114	969	798	<0.5	10	10	0	0	0	0	0	
	114	248			10	10	0	0	0	0	0	
INDIAN POINT	25402	1385	112	<0.5	17	17	132	4	0	0	0	
	21479	506			14	14	132	4	0	0	0	
WEST POINT	25017	184	NS		4	4	0	0	NS	0	0	
	15269	56			2	2	0	0		0	0	
CORNWALL	3331	265	76	<0.5	186	186	0	0	0	0	0	
	3201	135			44	44	0	0	0	0	0	
POUGHKEEPSIE	6454	1106	NS		683	683	187	0	NS	0	0	
	3504	368			683	683	187	0		0	0	
HYDE PARK	9226	754	NS		26	26	0	0	NS	0	0	
	4825	114			12	12	0	0		0	0	
KINGSTON	1747	565	NS		67	67	0	0	NS	0	0	
	1081	176			67	67	0	0		0	0	
SAUGERTIES	4128	1820	NS		33	33	0	0	NS	0	0	
	2909	322			14	14	0	0		0	0	
CATSKILL	301	1355	NS		415	415	0	26	NS	0	0	
	167	213			217	217	0	24		0	0	
ALBANY	NS	242	NS		6	6	NS	0	NS	0	0	
		54			6	6		0		0	0	
TOTAL STANDING CROP	75721	9981	3464	<0.5	1446	1446	320	30	9	30	0	
	27386	921			721	721	229	24	<0.5	24	0	

TABLE B-180 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 22OCT85 TO 30OCT85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	310	NS	685	685	2	2	0	NS	15	15	0	
	226		<0.5	<0.5	2	2	0		<0.5	<0.5	0	
TAPPAN ZEE	2534	2526	787	787	640	640	0	0	0	0	0	
	2239	615	<0.5	<0.5	358	358	0	0	0	0	0	
CROTON-HAVERSTRAW	0	722	93	93	1504	1504	0	0	0	0	0	
	0	201	<0.5	<0.5	740	740	0	0	0	0	0	
INDIAN POINT	1154	1995	168	168	109	109	0	0	0	0	0	
	768	1363	<0.5	<0.5	74	74	0	0	0	0	0	
WEST POINT	904	118	NS	NS	1	1	0	0	NS	NS	0	
	679	47			1	1	0	0			0	
CORNWALL	184	519	111	111	60	60	0	0	0	0	0	
	184	207	<0.5	<0.5	33	33	0	0	0	0	0	
POUGHKEEPSIE	625	1443	NS	NS	7	7	0	0	NS	NS	0	
	364	806			7	7	0	0			0	
HYDE PARK	2913	252	NS	NS	132	132	0	0	NS	NS	0	
	1635	76			130	130	0	0			0	
KINGSTON	3258	495	NS	NS	2	2	0	0	NS	NS	0	
	1764	225			2	2	0	0			0	
SAUGERTIES	929	820	NS	NS	0	0	0	0	NS	NS	0	
	359	215			0	0	0	0			0	
CATSKILL	95	325	NS	NS	2	2	0	0	NS	NS	0	
	60	86			2	2	0	0			0	
ALBANY	NS	14	NS	NS	0	0	NS	0	NS	NS	0	
		4			0	0	0	0			0	
TOTAL STANDING CROP	12907	9228	1845	1845	2458	2458	0	0	15	15	0	
	3493	1755	<0.5	<0.5	836	836	0	0	<0.5	<0.5	0	

TABLE B-181

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 05NOV85 TO 14NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	1677	0	0	NS	3	0
	0		<0.5	0	0		<0.5	0
TAPPAN ZEE	1570	1794	1109	485	0	0	0	0
	1018	872	<0.5	326	0	0	0	0
CROTON-HAVERSTRAW	238	279	85	423	0	0	0	0
	119	83	<0.5	214	0	0	0	0
INDIAN POINT	2340	1068	197	116	0	0	0	0
	748	364	<0.5	109	0	0	0	0
WEST POINT	1163	57	NS	560	0	0	NS	0
	361	23		424	0	0		0
CORNWALL	94	161	32	167	0	0	0	0
	94	27	<0.5	55	0	0	0	0
POUGHKEEPSIE	9440	362	NS	167	0	0	NS	0
	6942	117		167	0	0		0
HYDE PARK	2588	319	NS	0	0	0	NS	0
	309	99		0	0	0		0
KINGSTON	327	131	NS	224	0	0	NS	0
	85	23		144	0	0		0
SAUGERTIES	701	207	NS	10	0	0	NS	0
	321	110		8	0	0		0
CATSKILL	46	124	NS	0	0	0	NS	0
	46	52		0	0	0		0
ALBANY	NS	2	NS	0	NS	0	NS	0
		2		0	0	0		0
TOTAL STANDING CROP	18508	4504	3101	2151	0	0	3	0
	7081	970	<0.5	629	0	0	<0.5	0

TABLE B-182 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BLUEBACK HERRING FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	NS	NS	NS	NS	81	51	NS	NS	NS	NS	0	0
TAPPAN ZEE	NS	NS	NS	NS	1778	1412	NS	NS	NS	NS	0	0
CROTON-HAVERSTRAW	NS	NS	NS	NS	131	70	NS	NS	NS	NS	0	0
INDIAN POINT	NS	NS	NS	NS	4	4	NS	NS	NS	NS	0	0
WEST POINT	NS	NS	NS	NS	8	5	NS	NS	NS	NS	0	0
CORNWALL	NS	NS	NS	NS	2	2	NS	NS	NS	NS	0	0
POUGHKEEPSIE	NS	NS	NS	NS	0	0	NS	NS	NS	NS	0	0
HYDE PARK	NS	NS	NS	NS	4	4	NS	NS	NS	NS	0	0
KINGSTON	NS	NS	NS	NS	26	26	NS	NS	NS	NS	0	0
SAUGERTIES	NS	NS	NS	NS	0	0	NS	NS	NS	NS	0	0
CATSKILL	NS	NS	NS	NS	0	0	NS	NS	NS	NS	0	0
ALBANY	NS	NS	NS	NS	0	0	NS	NS	NS	NS	0	0
TOTAL STANDING CROP	NS	NS	NS	NS	2033	1415	NS	NS	NS	NS	0	0

TABLE B-183 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ALEWIFE FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	2	2	0	NS	0	0
	0		<0.5	2	0		0	0
TAPPAN ZEE	0	0	12	9	0	0	0	0
	0	0	<0.5	8	0	0	0	0
CROTON-HAVERSTRAW	0	0	3	13	0	0	0	0
	0	0	<0.5	13	0	0	0	0
INDIAN POINT	0	5	0	6	0	0	0	0
	0	5	0	6	0	0	0	0
WEST POINT	0	17	NS	3	0	0	NS	0
	0	10		2	0	0	0	0
CORNWALL	0	0	10	0	0	0	0	0
	0	0	<0.5	0	0	0	0	0
POUGHKEEPSIE	207	285	NS	16	0	0	NS	0
	207	89		12	0	0	0	0
HYDE PARK	606	47	NS	24	0	0	NS	0
	491	20		11	0	0	0	0
KINGSTON	167	147	NS	248	0	0	NS	0
	114	45		109	0	0	0	0
SAUGERTIES	386	114	NS	361	0	0	NS	0
	246	48		277	0	0	0	0
CATSKILL	49	153	NS	79	0	0	NS	0
	49	47		61	0	0	0	0
ALBANY	NS	10	NS	12	NS	0	NS	0
		4		6		0	0	0
TOTAL STANDING CROP	1415	778	28	772	0	0	0	0
	600	122	<0.5	305	0	0	0	0



TABLE B-185 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ALEWIFE FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	36	0	0	0	0
	0	0	0	15	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	29	0	0	0	0
	0	0	0	23	0	0	0	0
INDIAN POINT	0	3	2	11	0	0	0	0
	0	3	<0.5	11	0	0	0	0
WEST POINT	0	0	NS	36	0	0	NS	0
	0	0		19	0	0		0
CORNWALL	0	0	24	23	0	0	0	0
	0	0	<0.5	23	0	0	0	0
POUGHKEEPSIE	0	9	NS	0	0	0	NS	0
	0	9		0	0	0		0
HYDE PARK	623	32	NS	15	0	0	NS	0
	298	10		8	0	0		0
KINGSTON	858	0	NS	3	0	0	NS	0
	410	0		3	0	0		0
SAUGERTIES	0	50	NS	12	0	0	NS	0
	0	16		8	0	0		0
CATSKILL	0	41	NS	81	0	0	NS	0
	0	10		79	0	0		0
ALBANY	NS	40	NS	52	NS	0	NS	0
		18		50	0	0		0
TOTAL STANDING CROP	1481	176	26	298	0	0	0	0
	507	29	<0.5	103	0	0	0	0



TABLE B-186 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ALEWIFE FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0	0	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	4	0	0	0	0
	0	0	0	3	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	13	0	0	0	0
	0	0	0	9	0	0	0	0
WEST POINT	0	0	NS	1	0	0	NS	0
	0	0	0	1	0	0	0	0
CORNWALL	0	0	18	11	0	0	0	0
	0	0	<0.5	11	0	0	0	0
POUGHKEEPSIE	0	0	NS	1	0	0	NS	0
	0	0	0	1	0	0	0	0
HYDE PARK	0	4	NS	3	0	3	NS	0
	0	4	0	2	0	3	0	0
KINGSTON	122	3	NS	9	0	0	NS	0
	81	3	0	7	0	0	0	0
SAUGERTIES	0	13	NS	39	0	0	NS	0
	0	8	0	35	0	0	0	0
CATSKILL	0	6	NS	2	0	0	NS	0
	0	4	0	2	0	0	0	0
ALBANY	NS	0	NS	23	NS	0	NS	0
	0	0	0	21	0	0	0	0
TOTAL STANDING CROP	122	26	18	105	0	3	0	0
	81	11	<0.5	44	0	3	0	0

TABLE B-187 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ALEWIFE FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
TAPPAN ZEE	0	0	0	0	8	6	0	0	0	0	0	
	0	0	0	0	6	0	0	0	0	0	0	
CROTON-HAVERSTRAW	0	0	0	0	17	7	0	0	0	0	0	
	0	0	0	0	7	0	0	0	0	0	0	
INDIAN POINT	0	0	0	0	6	4	0	0	0	0	0	
	0	0	0	0	4	0	0	0	0	0	0	
WEST POINT	0	0	NS	NS	6	4	0	0	3	NS	0	
	0	0	0	0	4	0	0	0	3	0	0	
CORNWALL	0	13	4	4	0	0	0	0	4	0	0	
	0	9	<0.5	<0.5	0	0	0	0	4	0	0	
POUGHKEEPSIE	985	30	NS	NS	0	0	0	0	0	NS	0	
	708	8	0	0	0	0	0	0	0	0	0	
HYDE PARK	687	3	NS	NS	6	6	0	0	0	NS	0	
	426	3	0	0	6	0	0	0	0	0	0	
KINGSTON	1112	238	NS	NS	19	19	0	0	0	NS	0	
	672	97	0	0	19	0	0	0	0	0	0	
SAUGERTIES	569	128	NS	NS	4	3	0	0	0	NS	0	
	569	35	0	0	3	0	0	0	0	0	0	
CATSKILL	0	86	NS	NS	2	2	0	0	0	NS	0	
	0	35	0	0	2	0	0	0	0	0	0	
ALBANY	NS	1	NS	NS	4	4	NS	0	0	NS	0	
		1	0	0	4	0	0	0	0	0	0	
TOTAL STANDING CROP	3353	500	4	4	72	23	0	0	7	0	0	
	1207	110	<0.5	<0.5	23	0	0	0	5	0	0	

TABLE B-188 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ALEWIFE FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	2	0	NS	0	0
	0	0	0	2	0	0	0	0
TAPPAN ZEE	0	0	0	4	0	0	0	2
	0	0	0	3	0	0	0	2
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	9	0	0	0	0
	0	0	0	9	0	0	0	0
WEST POINT	0	0	NS	2	0	0	NS	0
	0	0	0	2	0	0	0	0
CORNWALL	0	0	4	0	0	0	1	0
	0	0	<0.5	0	0	0	<0.5	0
POUGHKEEPSIE	0	0	NS	1	0	0	NS	0
	0	0	0	1	0	0	0	0
HYDE PARK	0	0	NS	<0.5	0	0	NS	0
	0	0	0	<0.5	0	0	0	0
KINGSTON	336	17	NS	3	40	0	NS	0
	152	10	0	3	40	0	0	0
SAUGERTIES	0	39	NS	12	0	0	NS	0
	0	15	0	12	0	0	0	0
CATSKILL	0	0	NS	2	0	0	NS	0
	0	0	0	2	0	0	0	0
ALBANY	NS	0	NS	4	NS	0	NS	0
	0	0	0	4	0	0	0	0
TOTAL STANDING CROP	336	56	4	39	40	0	1	2
	152	18	<0.5	16	40	0	<0.5	2

TABLE B-189 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ALEWIFE FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
TAPPAN ZEE	0	0	0	0	4	0	0	0	0	0	0	
	0	0	0	0	3	0	0	0	0	0	0	
CROTON-HAVERSTRAW	0	3	0	0	0	0	0	3	3	0.5	0	
	0	3	0	0	0	0	0	3	3	<0.5	0	
INDIAN POINT	0	0	1	0	0	0	0	11	0	0	0	
	0	0	<0.5	0	0	0	0	5	0	0	0	
WEST POINT	629	6	NS	NS	6	6	0	0	NS	NS	0	
	629	6	NS	NS	4	4	0	0	NS	NS	0	
CORNWALL	0	9	14	44	44	0	0	0	0	2	0	
	0	6	<0.5	37	37	0	0	0	0	<0.5	0	
POUGHKEEPSIE	204	0	NS	10	10	0	0	0	0	NS	0	
	204	0	NS	7	7	0	0	0	0	NS	0	
HYDE PARK	367	18	NS	8	8	0	0	0	0	NS	0	
	145	9	NS	8	8	0	0	0	0	NS	0	
KINGSTON	491	52	NS	0	0	0	0	0	0	NS	0	
	273	25	NS	0	0	0	0	0	0	NS	0	
SAUGERTIES	429	45	NS	41	41	0	0	0	0	NS	0	
	282	17	NS	14	14	0	0	0	0	NS	0	
CATSKILL	0	7	NS	20	20	0	0	0	0	NS	0	
	0	4	NS	14	14	0	0	0	0	NS	0	
ALBANY	NS	1	NS	0	0	0	NS	0	0	NS	0	
	NS	1	NS	0	0	0	NS	0	0	NS	0	
TOTAL STANDING CROP	2121	142	16	132	132	0	0	15	6	6	0	
	783	33	<0.5	43	43	0	0	6	<0.5	<0.5	0	

TABLE B-190 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ALEWIFE FROM 22OCT85 TO 30OCT85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	4	0	0	NS	0	0
	0		<0.5	0	0		0	0
TAPPAN ZEE	0	5	23	2	0	0	20	0
	0	5	<0.5	2	0	0	<0.5	0
CROTON-HAVERSTRAW	0	3	0	0	0	4	6	0
	0	3	0	0	0	4	<0.5	0
INDIAN POINT	299	0	9	7	0	0	0	0
	299	0	<0.5	7	0	0	0	0
WEST POINT	0	7	NS	2	0	0	NS	0
	0	7		2	0	0		0
CORNWALL	0	0	0	46	0	0	0	0
	0	0	0	46	0	0	0	0
POUGHKEEPSIE	0	0	NS	7	0	0	NS	0
	0	0		7	0	0		0
HYDE PARK	263	10	NS	0	0	0	NS	0
	170	4		0	0	0		0
KINGSTON	210	9	NS	0	0	0	NS	0
	79	6		0	0	0		0
SAUGERTIES	0	2	NS	6	0	0	NS	0
	0	2		6	0	0		0
CATSKILL	0	2	NS	0	0	0	NS	0
	0	2		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	771	38	36	70	0	4	25	0
	353	12	<0.5	48	0	4	<0.5	0

TABLE B-191 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ALEWIFE FROM 05NOV85 TO 14NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	76	0	0	NS	3	0
	0		<0.5	0	0		<0.5	0
TAPPAN ZEE	97	41	0	0	0	0	7	0
	64	16	0	0	0	0	<0.5	0
CROTON-HAVERSTRAW	123	17	15	0	0	3	0	0
	123	9	<0.5	0	0	3	0	0
INDIAN POINT	0	27	6	0	0	0	0	0
	0	12	<0.5	0	0	0	0	0
WEST POINT	0	7	NS	0	0	0	NS	0
	0	4		0	0	0		0
CORNWALL	0	25	13	2	0	5	0	0
	0	<0.5	<0.5	2	0	5	0	0
POUGHKEEPSIE	263	0	NS	1	0	0	NS	0
	263	0		1	0	0		0
HIDE PARK	238	4	NS	0	0	0	NS	0
	238	4		0	0	0		0
KINGSTON	40	8	NS	14	0	0	NS	0
	40	4		12	0	0		0
SAUGERTIES	0	2	NS	0	0	0	NS	0
	0	2		0	0	0		0
CATSKILL	0	2	NS	0	0	0	NS	0
	0	2		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	761	133	111	17	0	8	9	0
	383	23	<0.5	12	0	6	<0.5	0

TABLE B-192 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ALEWIFE FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	2 2	NS	NS	NS	0 0
TAPPAN ZEE	NS	NS	NS	0 0	NS	NS	NS	0 0
CROTON-HAVERSTRAW	NS	NS	NS	2 2	NS	NS	NS	0 0
INDIAN POINT	NS	NS	NS	0 0	NS	NS	NS	0 0
WEST POINT	NS	NS	NS	0 0	NS	NS	NS	0 0
CORNWALL	NS	NS	NS	0 0	NS	NS	NS	0 0
POUGHKEEPSIE	NS	NS	NS	0 0	NS	NS	NS	0 0
HYDE PARK	NS	NS	NS	0 0	NS	NS	NS	0 0
KINGSTON	NS	NS	NS	0 0	NS	NS	NS	0 0
SAUGERTIES	NS	NS	NS	0 0	NS	NS	NS	0 0
CATSKILL	NS	NS	NS	0 0	NS	NS	NS	0 0
ALBANY	NS	NS	NS	0 0	NS	NS	NS	0 0
TOTAL STANDING CROP	NS	NS	NS	3 2	NS	NS	NS	0 0

TABLE B-193 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	11	11	3	3	1411	NS	138	138	669	
	0		<0.5	<0.5	3	3	1325		<0.5	<0.5	173	
TAPPAN ZEE	2089	321	686	686	189	189	468	497	2141	2141	606	
	1136	321	<0.5	<0.5	128	128	351	139	<0.5	<0.5	184	
CROTON-HAVERSTRAW	45868	1243	2934	2934	0	0	2983	257	409	409	33	
	6466	337	<0.5	<0.5	0	0	1242	101	<0.5	<0.5	23	
INDIAN POINT	563	15	22	22	0	0	138	59	26	26	72	
	362	15	<0.5	<0.5	0	0	138	42	<0.5	<0.5	72	
WEST POINT	4908	109	NS	NS	0	0	0	0	NS	NS	0	
	4155	78			0	0	0	0			0	
CORNWALL	6842	278	121	121	0	0	0	0	1	1	0	
	3351	175	<0.5	<0.5	0	0	0	0	<0.5	<0.5	0	
POUGHKEEPSIE	413	0	NS	NS	0	0	0	11	NS	NS	0	
	413	0			0	0	0	11			0	
HYDE PARK	366	4	NS	NS	0	0	0	0	NS	NS	0	
	259	4			0	0	0	0			0	
KINGSTON	472	20	NS	NS	0	0	0	4	NS	NS	0	
	209	11			0	0	0	4			0	
SAUGERTIES	722	43	NS	NS	0	0	0	0	NS	NS	0	
	376	17			0	0	0	0			0	
CATSKILL	250	25	NS	NS	0	0	0	0	NS	NS	0	
	119	8			0	0	0	0			0	
ALBANY	NS	0	NS	NS	0	0	NS	0	NS	NS	0	
		0			0	0		0			0	
TOTAL STANDING CROP	62494	2059	3775	3775	192	192	5000	827	2714	2714	1379	
	8495	504	<0.5	<0.5	128	128	1855	177	<0.5	<0.5	264	



TABLE B-194 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 29JUL85 TO 14AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	40955	NS	9	<0.5	3	3	5501	NS	164	146	146	
	21650				3	3	1776		<0.5	97	97	
TAPPAN ZEE	34602	518	815	<0.5	151	151	2071	475	1159	536	536	
	8082	239			66	66	1277	148	<0.5	117	117	
CROTON-HAVERSTRAW	36020	2714	2695	<0.5	17	17	510	467	216	2	2	
	896	454			17	17	382	140	<0.5	2	2	
INDIAN POINT	16483	571	307	<0.5	468	468	1048	313	36	28	28	
	15297	280			443	443	782	164	<0.5	23	23	
WEST POINT	5850	12	NS		0	0	0	19	NS	0	0	
	3750	8			0	0	0	12		0	0	
CORNWALL	15075	221	14		0	0	1028	112	45	0	0	
	2526	105	<0.5		0	0	528	30	<0.5	0	0	
POUGHKEEPSIE	5171	40	NS		0	0	223	121	NS	0	0	
	5171	18			0	0	223	78		0	0	
HYDE PARK	135	22	NS		0	0	102	9	NS	0	0	
	135	8			0	0	102	5		0	0	
KINGSTON	559	26	NS		0	0	50	3	NS	0	0	
	165	14			0	0	50	3		0	0	
SAUGERTIES	1346	11	NS		0	0	0	0	NS	0	0	
	942	6			0	0	0	0		0	0	
CATSKILL	271	325	NS		0	0	0	3	NS	0	0	
	141	300			0	0	0	3		0	0	
ALBANY	NS	1	NS		0	0	NS	1	NS	0	0	
		1			0	0		1		0	0	
TOTAL STANDING CROP	156466	4463	3840	<0.5	640	640	10532	1522	1620	711	711	
	28583	665			448	448	2426	275	<0.5	154	154	

TABLE B-195 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	131109 40810	NS	27 <0.5	29 29	29 29		6817 5614	NS	47 <0.5	47 0	0 0	
TAPPAN ZEE	17278 4363	316 74	1060 <0.5	418 252			4359 2316	39 13	661 <0.5	106 61		
CROTON-HAVERSTRAW	5935 2826	188 45	133 <0.5	0 0			49 49	67 29	94 <0.5	0 0		
INDIAN POINT	22011 9327	70 52	13 <0.5	2 2			178 178	45 19	29 <0.5	0 0		
WEST POINT	12434 4068	167 44	NS	5 5			486 285	3 3	NS	0 0		
CORNWALL	3356 2610	224 73	198 <0.5	0 0			0 0	56 27	131 <0.5	0 0		
POUGHKEEPSIE	21738 15437	153 88	NS	0 0			0 0	55 25	NS	0 0		
HYDE PARK	1574 1000	11 8	NS	0 0			176 102	6 6	NS	0 0		
KINGSTON	1215 225	10 6	NS	0 0			144 98	5 5	NS	0 0		
SAUGERTIES	1843 908	26 10	NS	0 0			0 0	0 0	NS	0 0		
CATSKILL	121 121	49 21	NS	0 0			0 0	0 0	NS	0 0		
ALBANY	NS	2 1	NS	0 0			NS	0 0	NS	0 0		
TOTAL STANDING CROP	218614 45199	1216 161	1431 <0.5	454 253			12210 6084	276 53	962 <0.5	106 61		

TABLE B-196 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	101685	NS	462	387	71	NS	26	14
	52919		<0.5	263	71		<0.5	10
TAPPAN ZEE	41111	460	1302	15	1051	34	318	25
	17322	377	<0.5	15	616	18	<0.5	25
CROTON-HAVERSTRAW	1128	0	98	8	0	24	25	0
	1128	0	<0.5	8	0	18	<0.5	0
INDIAN POINT	41227	340	6	22	407	0	3	0
	35643	215	<0.5	22	240	0	<0.5	0
WEST POINT	272	12	NS	9	159	0	NS	0
	149	5		8	159	0		0
CORNWALL	24723	21	10	0	421	0	83	0
	9924	14	<0.5	0	421	0	<0.5	0
POUGHKEEPSIE	42481	29	NS	9	1896	0	NS	1
	28522	18		9	1633	0		1
HYDE PARK	4668	15	NS	0	158	0	NS	0
	1845	8		0	158	0		0
KINGSTON	3275	164	NS	0	80	0	NS	0
	539	119		0	50	0		0
SAUGERTIES	1022	182	NS	0	0	0	NS	0
	682	142		0	0	0		0
CATSKILL	2608	2	NS	0	0	2	NS	0
	1315	2		0	0	2		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	264201	1225	1876	450	4243	60	456	40
	72733	472	<0.5	264	1827	25	<0.5	27

TABLE B-197 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	BOTTOM	SHOAL	SHORE
YONKERS	32609	NS	185	185	59	59	233	NS	29	NS	29	8
	6384		<0.5	<0.5	59	59	233		<0.5		<0.5	8
TAPPAN ZEE	103250	1342	1360	1360	333	333	213	21	169	21	169	2
	17191	383	<0.5	<0.5	230	230	213	14	<0.5	14	<0.5	2
CROTON-HAVERSTRAW	29123	354	834	834	58	58	0	12	67	12	67	6
	9232	145	<0.5	<0.5	36	36	0	6	<0.5	6	<0.5	6
INDIAN POINT	30402	169	35	35	0	0	303	0	0	0	0	0
	7771	56	<0.5	<0.5	0	0	303	0	0	0	0	0
WEST POINT	15319	62	NS	NS	0	0	775	38	NS	38	NS	0
	8809	33			0	0	149	12		12		0
CORNWALL	19772	1350	106	106	0	0	78	8	5	8	5	0
	5641	591	<0.5	<0.5	0	0	78	8	<0.5	8	<0.5	0
POUGHKEEPSIE	3871	2004	NS	NS	0	0	196	139	NS	139	NS	0
	1995	525			0	0	196	57		57		0
HYDE PARK	5292	32	NS	NS	0	0	83	0	NS	0	NS	0
	2570	24			0	0	83	0		0		0
KINGSTON	3731	5	NS	NS	0	0	84	0	NS	0	NS	0
	2648	4			0	0	84	0		0		0
SAUGERTIES	48	2	NS	NS	0	0	0	0	NS	0	NS	0
	48	2			0	0	0	0		0		0
CATSKILL	104	4	NS	NS	0	0	0	0	NS	0	NS	0
	104	3			0	0	0	0		0		0
ALBANY	NS	0	NS	NS	0	0	NS	0	NS	0	NS	0
		0			0	0		0		0		0
TOTAL STANDING CROP	243521	5324	2519	2519	450	450	1965	217	270	217	270	15
	24676	893	<0.5	<0.5	240	240	521	61	<0.5	61	<0.5	10

TABLE B-198

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	75536	NS	99	1359	167	NS	3	29
	28209		<0.5	1044	103		<0.5	15
TAPPAN ZEE	22463	540	285	369	290	11	55	2
	4269	358	<0.5	243	237	11	<0.5	2
CROTON-HAVERSTRAW	9406	114	50	2	0	7	21	0
	6845	41	<0.5	2	0	7	<0.5	0
INDIAN POINT	14457	428	11	0	930	11	4	0
	9081	38	<0.5	0	469	7	<0.5	0
WEST POINT	10980	162	NS	1	471	9	NS	0
	8923	86		1	471	6		0
CORNWALL	2814	649	56	4	366	0	4	0
	533	334	<0.5	2	183	0	<0.5	0
POUGHKEEPSIE	19734	60	NS	0	1288	7	NS	0
	12705	32		0	1288	7		0
HYDE PARK	712	4	NS	0	93	0	NS	0
	429	4		0	93	0		0
KINGSTON	3172	3	NS	0	0	0	NS	0
	1636	3		0	0	0		0
SAUGERTIES	0	3	NS	0	0	0	NS	0
	0	3		0	0	0		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	159275	1961	502	1734	3604	45	87	31
	34460	501	<0.5	1072	1486	17	<0.5	15

TABLE B-199 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	11969 2624	NS	63 <0.5	0 0			0 0	NS	18 <0.5		0 0	
TAPPAN ZEE	6747 1828	448 130	1045 <0.5	384 376			115 75	44 22	49 <0.5		0 0	
CROTON-HAVERSTRAW	7530 2962	331 86	661 <0.5	0 0			0 0	20 7	32 <0.5		0 0	
INDIAN POINT	1042 353	113 21	204 <0.5	0 0			192 192	40 13	0 0		0 0	
WEST POINT	15020 7099	135 49	NS	11 11			0 0	0 0	NS		1 1	
CORNWALL	30535 22297	184 106	132 <0.5	7 7			166 166	0 0	0 0		0 0	
POUGHKEEPSIE	4760 2017	147 79	NS	0 0			0 0	8 8	NS		0 0	
HYDE PARK	342 143	10 4	NS	0 0			0 0	0 0	NS		0 0	
KINGSTON	182 137	0 0	NS	0 0			0 0	0 0	NS		0 0	
SAUGERTIES	0 0	2 2	NS	0 0			0 0	0 0	NS		0 0	
CATSKILL	0 0	2 2	NS	0 0			0 0	0 0	NS		0 0	
ALBANY	NS	0 0	NS	0 0			NS	0 0	NS		0 0	
TOTAL STANDING CROP	78127 23891	1371 212	2105 <0.5	402 377			473 265	112 28	99 <0.5		1 1	

TABLE B-200 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 22OCT85 TO 30OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	19839 7221	NS	35 <0.5	114 73			1066 798	NS	0 0	11 11		
TAPPAN ZEE	7367 1792	45 19	167 <0.5	119 74			41 41	14 10	11 <0.5	0 0		
CROTON-HAVERSTRAW	601 319	44 20	28 <0.5	0 0			0 0	0 0	0 0	0 0		
INDIAN POINT	1402 547	15 10	7 <0.5	2 2			0 0	5 5	2 <0.5	0 0		
WEST POINT	309 155	10 4	NS	5 5			0 0	0 0	NS	0 0		
CORNWALL	4774 4645	39 16	10 <0.5	0 0			0 0	0 0	0 0	0 0		
POUGHKEEPSIE	625 364	331 270	NS	0 0			204 204	0 0	NS	0 0		
HYDE PARK	0 0	0 0	NS	0 0			0 0	0 0	NS	0 0		
KINGSTON	0 0	0 0	NS	0 0			0 0	0 0	NS	0 0		
SAUGERTIES	0 0	0 0	NS	0 0			0 0	0 0	NS	0 0		
CATSKILL	0 0	0 0	NS	0 0			0 0	0 0	NS	0 0		
ALBANY	NS	0 0	NS	0 0			NS	0 0	NS	0 0		
TOTAL STANDING CROP	34915 8803	484 273	248 <0.5	241 104			1312 825	20 11	13 <0.5	11 11		

TABLE B-201 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 05NOV85 TO 14NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	661	NS	50	0	0	0	0	NS	0	0	0	0
	235		<0.5	0	0	0	0		0	0	0	0
TAPPAN ZEE	1892	0	16	0	0	0	198	0	0	0	0	0
	873	0	<0.5	0	0	0	198	0	0	0	0	0
CROTON-HAVERSTRAW	488	4	0	2	2	0	0	0	0	0	0	0
	404	4	0	2	2	0	0	0	0	0	0	0
INDIAN POINT	329	2	0	0	0	0	0	0	0	0	0	0
	165	2	0	0	0	0	0	0	0	0	0	0
WEST POINT	210	0	NS	0	0	0	0	0	0	NS	0	0
	210	0		0	0	0	0	0	0	0	0	0
CORNWALL	94	5	3	0	0	0	0	0	0	0	0	0
	94	5	<0.5	0	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	0	0	0	NS	0	0
	0	0		0	0	0	0	0	0	0	0	0
HYDE PARK	0	0	NS	0	0	0	0	0	0	NS	0	0
	0	0		0	0	0	0	0	0	0	0	0
KINGSTON	0	0	NS	0	0	0	0	0	0	NS	0	0
	0	0		0	0	0	0	0	0	0	0	0
SAUGERTIES	0	0	NS	0	0	0	0	0	0	NS	0	0
	0	0		0	0	0	0	0	0	0	0	0
CATSKILL	0	0	NS	0	0	0	0	0	0	NS	0	0
	0	0		0	0	0	0	0	0	0	0	0
ALBANY	NS	0	NS	0	0	0	NS	0	0	NS	0	0
	0	0		0	0	0	0	0	0	0	0	0
TOTAL STANDING CROP	3674	11	69	2	2	2	198	0	0	0	0	0
	1030	7	<0.5	2	2	2	198	0	0	0	0	0



TABLE B-202 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER BAY ANCHOVY FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	32 21	NS	NS	NS	2 2
TAPPAN ZEE	NS	NS	NS	0 0	NS	NS	NS	0 0
CROTON-HAVERSTRAW	NS	NS	NS	0 0	NS	NS	NS	0 0
INDIAN POINT	NS	NS	NS	0 0	NS	NS	NS	0 0
WEST POINT	NS	NS	NS	0 0	NS	NS	NS	0 0
CORNWALL	NS	NS	NS	0 0	NS	NS	NS	0 0
POUGHKEEPSIE	NS	NS	NS	0 0	NS	NS	NS	0 0
HYDE PARK	NS	NS	NS	0 0	NS	NS	NS	0 0
KINGSTON	NS	NS	NS	0 0	NS	NS	NS	0 0
SAUGERTIES	NS	NS	NS	0 0	NS	NS	NS	0 0
CATSKILL	NS	NS	NS	0 0	NS	NS	NS	0 0
ALBANY	NS	NS	NS	0 0	NS	NS	NS	0 0
TOTAL STANDING CROP	NS	NS	NS	32 21	NS	NS	NS	2 2

TABLE B-203 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR					YEARLING AND OLDER				
	FALL SHOALS		BEACH SEINE		SHORE	FALL SHOALS		BEACH SEINE		SHORE
	CHANNEL	BOTTOM	SHOAL	SHOAL		CHANNEL	BOTTOM	SHOAL	SHORE	
YONKERS	0	NS	9	2	2	0	NS	0	0	0
	0		<0.5	2		0		0	0	0
TAPPAN ZEE	103	8	54	0	0	0	0	0	0	0
	69	8	<0.5	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	842	105	18	0	0	0	0	0	0	0
	615	58	<0.5	0	0	0	0	0	0	0
INDIAN POINT	150	173	16	0	0	0	0	0	0	0
	150	128	<0.5	0	0	0	0	0	0	0
WEST POINT	0	12	NS	0	0	0	0	NS	0	0
	0	9		0	0	0	0		0	0
CORNWALL	183	9	1	0	0	0	0	0	0	0
	183	9	<0.5	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	0	NS	0	0
	0	0		0	0	0	0		0	0
HYDE PARK	0	0	NS	0	0	0	0	NS	0	0
	0	0		0	0	0	0		0	0
KINGSTON	0	0	NS	0	0	0	0	NS	0	0
	0	0		0	0	0	0		0	0
SAUGERTIES	0	0	NS	0	0	0	0	NS	0	0
	0	0		0	0	0	0		0	0
CATSKILL	0	0	NS	0	0	0	0	NS	0	0
	0	0		0	0	0	0		0	0
ALBANY	NS	0	NS	0	0	NS	0	NS	0	0
		0		0	0		0		0	0
TOTAL STANDING CROP	1279	307	98	2	2	0	0	0	0	0
	662	141	<0.5	2	2	0	0	0	0	0

TABLE B-204

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 29JUL85 TO 14AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	2398	NS	125	0	0	NS	0	0
	1494		<0.5	0	0		0	0
TAPPAN ZEE	201	1552	471	2	0	0	0	0
	201	154	<0.5	2	0	0	0	0
CROTON-HAVERSTRAW	84	22	27	0	0	0	0	0
	84	8	<0.5	0	0	0	0	0
INDIAN POINT	0	349	17	0	0	0	0	0
	0	169	<0.5	0	0	0	0	0
WEST POINT	646	51	NS	0	0	0	NS	0
	646	30		0	0	0		0
CORNWALL	117	91	10	0	0	0	0	0
	117	62	<0.5	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
SAUGERTIES	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CATSKILL	0	3	NS	0	0	0	NS	0
	0	3		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
	0	0		0	0	0		0
TOTAL STANDING CROP	3446	2069	651	2	0	0	0	0
	1646	239	<0.5	2	0	0	0	0

TABLE B-205

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	2532	NS	149	149	0	0	0	NS	7	7	0	
	1283		<0.5	<0.5	0	0	0		<0.5	<0.5	0	
TAPPAN ZEE	207	79	751	751	47	47	0	0	4	4	0	
	163	35	<0.5	<0.5	20	20	0	0	<0.5	<0.5	0	
CROTON-HAVERSTRAW	0	89	180	180	0	0	0	0	0	0	0	
	0	39	<0.5	<0.5	0	0	0	0	0	0	0	
INDIAN POINT	512	765	19	19	0	0	0	0	0	0	0	
	310	358	<0.5	<0.5	0	0	0	0	0	0	0	
WEST POINT	818	180	NS	NS	0	0	0	0	NS	NS	0	
	148	45			0	0	0	0			0	
CORNWALL	0	235	74	74	0	0	0	0	0	0	0	
	0	156	<0.5	<0.5	0	0	0	0	0	0	0	
POUGHKEEPSIE	0	43	NS	NS	0	0	0	0	NS	NS	0	
	0	33			0	0	0	0			0	
HYDE PARK	0	0	NS	NS	0	0	0	0	NS	NS	0	
	0	0			0	0	0	0			0	
KINGSTON	0	0	NS	NS	0	0	0	0	NS	NS	0	
	0	0			0	0	0	0			0	
SAUGERTIES	0	0	NS	NS	0	0	0	0	NS	NS	0	
	0	0			0	0	0	0			0	
CATSKILL	0	0	NS	NS	0	0	0	0	NS	NS	0	
	0	0			0	0	0	0			0	
ALBANY	NS	0	NS	NS	0	0	NS	0	NS	NS	0	
		0			0	0	0	0			0	
TOTAL STANDING CROP	4069	1391	1173	1173	47	47	0	0	10	10	0	
	1338	398	<0.5	<0.5	20	20	0	0	<0.5	<0.5	0	

TABLE B-206 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 26AUG85 TO 07SEP85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	241	NS	85	85	6	6	0	NS	0	0	0	
	154		<0.5	<0.5	4	4	0		0	0	0	
TAPPAN ZEE	106	463	85	85	11	11	0	0	0	0	0	
	106	239	<0.5	<0.5	7	7	0	0	0	0	0	
CROTON-HAVERSTRAW	0	218	3	3	4	4	0	0	0	0	0	
	0	80	<0.5	<0.5	4	4	0	0	0	0	0	
INDIAN POINT	657	119	0	0	0	0	0	0	0	0	0	
	149	63	0	0	0	0	0	0	0	0	0	
WEST POINT	171	64	NS	NS	0	0	0	0	NS	0	0	
	171	30			0	0	0	0		0	0	
CORNWALL	0	54	23	23	0	0	0	0	0	0	0	
	0	47	<0.5	<0.5	0	0	0	0	0	0	0	
POUGHKEEPSIE	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0			0	0	0	0		0	0	
HYDE PARK	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0			0	0	0	0		0	0	
KINGSTON	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0			0	0	0	0		0	0	
SAUGERTIES	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0			0	0	0	0		0	0	
CATSKILL	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0			0	0	0	0		0	0	
ALBANY	NS	0	NS	NS	0	0	NS	0	NS	0	0	
		0			0	0		0		0	0	
TOTAL STANDING CROP	1175	919	195	195	21	21	0	0	0	0	0	
	294	266	<0.5	<0.5	9	9	0	0	0	0	0	

TABLE B-207

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	83	2	0	NS	0	0
	0		<0.5	2	0		0	0
TAPPAN ZEE	0	319	210	25	0	0	0	0
	0	76	<0.5	10	0	0	0	0
CROTON-HAVERSTRAW	0	123	3	0	0	0	0	0
	0	34	<0.5	0	0	0	0	0
INDIAN POINT	151	196	0	0	0	0	0	0
	151	80	0	0	0	0	0	0
WEST POINT	314	33	NS	0	0	0	NS	0
	314	15		0	0	0		0
CORNWALL	0	16	5	0	0	0	0	0
	0	7	<0.5	0	0	0	0	0
POUGHKEEPSIE	0	8	NS	0	0	0	NS	0
	0	8		0	0	0		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
SAUGERTIES	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	465	695	301	26	0	0	0	0
	348	117	<0.5	10	0	0	0	0

TABLE B-208 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	0	NS	35	<0.5	11	4	0	NS	0	0	0	0
TAPPAN ZEE	0	148	57	<0.5	13	6	0	6	0	0	0	0
CROTON-HAVERSTRAW	0	117	19	<0.5	0	0	0	0	0	0	0	0
INDIAN POINT	0	279	11	<0.5	0	0	0	6	0	0	0	0
WEST POINT	0	18	NS	NS	0	0	0	0	NS	0	0	0
CORNWALL	0	5	0	0	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	NS	0	0	0	0	NS	0	0	0
HYDE PARK	0	0	NS	NS	0	0	0	0	NS	0	0	0
KINGSTON	0	0	NS	NS	0	0	0	0	NS	0	0	0
SAUGERTIES	0	0	NS	NS	0	0	0	0	NS	0	0	0
CATSKILL	0	0	NS	NS	0	0	0	0	NS	0	0	0
ALBANY	NS	0	NS	NS	0	0	NS	0	NS	0	0	0
TOTAL STANDING CROP	0	568	122	<0.5	24	7	0	11	0	0	0	0
	0	159					0	8	0	0	0	0

TABLE B-209 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	47 <0.5	0	0	NS	0	0
TAPPAN ZEE	0	76	98 <0.5	8	0	0	0	0
CROTON-HAVERSTRAW	0	42	25 <0.5	0	0	0	0	0
INDIAN POINT	0	17	2 <0.5	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
CORNWALL	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
HYDE PARK	0	0	NS	0	0	0	NS	0
KINGSTON	0	0	NS	0	0	0	NS	0
SAUGERTIES	0	0	NS	0	0	0	NS	0
CATSKILL	0	0	NS	0	0	0	NS	0
ALBANY	NS	0	NS	0	NS	0	NS	0
TOTAL STANDING CROP	0	135	172 <0.5	8	0	0	0	0



TABLE B-210 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 22OCT85 TO 30OCT85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	42 <0.5	0	0	NS	0	0
TAPPAN ZEE	0	23 12	75 <0.5	0	0	0	0	0
CROTON-HAVERSTRAW	0	20 6	3 <0.5	0	0	0	0	0
INDIAN POINT	0	15 6	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
CORNWALL	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
HYDE PARK	0	0	NS	0	0	0	NS	0
KINGSTON	0	0	NS	0	0	0	NS	0
SAUGERTIES	0	0	NS	0	0	0	NS	0
CATSKILL	0	0	NS	0	0	0	NS	0
ALBANY	NS	0	NS	0	NS	0	NS	0
TOTAL STANDING CROP	0	58 15	120 <0.5	0	0	0	0	0

TABLE B-211 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 05NOV85 TO 14NOV85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	76 <0.5	0	0	NS	0	0
TAPPAN ZEE	0	6	10 <0.5	2	0	0	0	0
CROTON-HAVERSTRAW	0	13	0	0	0	4	0	0
INDIAN POINT	0	0	2 <0.5	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
CORNWALL	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
HYDE PARK	0	0	NS	0	0	0	NS	0
KINGSTON	0	0	NS	0	0	0	NS	0
SAUGERTIES	0	0	NS	0	0	0	NS	0
CATSKILL	0	0	NS	0	0	0	NS	0
ALBANY	NS	0	NS	0	NS	0	NS	0
TOTAL STANDING CROP	0	19	88	2	0	4	0	0
	0	11	<0.5	2	0	4	0	0

TABLE B-212 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WEAKFISH FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	0	NS	NS	NS	0
				0				0
TAPPAN ZEE	NS	NS	NS	0	NS	NS	NS	0
				0				0
CROTON-HAVERSTRAW	NS	NS	NS	0	NS	NS	NS	0
				0				0
INDIAN POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
WEST POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
CORNWALL	NS	NS	NS	0	NS	NS	NS	0
				0				0
POUGHKEEPSIE	NS	NS	NS	0	NS	NS	NS	0
				0				0
HYDE PARK	NS	NS	NS	0	NS	NS	NS	0
				0				0
KINGSTON	NS	NS	NS	0	NS	NS	NS	0
				0				0
SAUGERTIES	NS	NS	NS	0	NS	NS	NS	0
				0				0
CATSKILL	NS	NS	NS	0	NS	NS	NS	0
				0				0
ALBANY	NS	NS	NS	0	NS	NS	NS	0
				0				0
TOTAL STANDING CROP	NS	NS	NS	0	NS	NS	NS	0
				0				0

TABLE B-213 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CATFISH FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	19	8	21
	0	0	0	0	0	9	<0.5	12
CROTON-HAVERSTRAW	0	0	0	0	0	0	13	2
	0	0	0	0	0	0	<0.5	2
INDIAN POINT	0	0	0	0	0	0	2	0
	0	0	0	0	0	0	<0.5	0
WEST POINT	0	0	NS	0	0	4	NS	0
	0	0		0	0	3		0
CORNWALL	0	0	0	0	0	0	0	2
	0	0	0	0	0	0	0	2
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
HYDE PARK	0	0	NS	0	0	5	NS	0
	0	0		0	0	5		0
KINGSTON	0	4	NS	0	0	25	NS	0
	0	4		0	0	9		0
SAUGERTIES	0	0	NS	0	0	17	NS	0
	0	0		0	0	9		0
CATSKILL	0	0	NS	0	0	24	NS	0
	0	0		0	0	13		0
ALBANY	NS	5	NS	0	NS	33	NS	0
		2		0		14		0
TOTAL STANDING CROP	0	8	0	0	0	127	23	25
	0	4	0	0	0	25	<0.5	12

TABLE B-214 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CATFISH FROM 29JUL85 TO 14AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	32	0
	0	0	0	0	0	0	<0.5	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	69	2
	0	0	0	0	0	0	<0.5	2
INDIAN POINT	215	0	0	0	0	0	4	0
	215	0	0	0	0	0	<0.5	0
WEST POINT	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CORNWALL	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	0	NS	0	0	3	NS	0
	0	0		0	0	3		0
SAUGERTIES	0	0	NS	0	0	11	NS	0
	0	0		0	0	5		0
CATSKILL	0	37	NS	0	0	45	NS	0
	0	15		0	0	17		0
ALBANY	NS	10	NS	0	NS	11	NS	0
		3		0		6		0
TOTAL STANDING CROP	215	47	0	0	0	71	106	2
	215	16	0	0	0	19	<0.5	2

TABLE B-215 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CATFISH FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	
	0		0	0	0	0	0		0	0	0	
TAPPAN ZEE	0	0	0	0	0	0	0	100	53	57	53	
	0		0				0	37	<0.5			
CROTON-HAVERSTRAM	0	0	0	0	0	0	0	40	59	0	0	
	0	0	0	0	0	0	0	23	<0.5	0	0	
INDIAN POINT	0	0	0	0	0	0	0	0	9	0	0	
	0	0	0	0	0	0	0	0	<0.5	0	0	
WEST POINT	0	0	NS	0	0	0	0	0	NS	0	0	
	0	0					0	0		0	0	
CORNWALL	0	0	0	0	0	0	0	6	0	0	0	
	0	0	0	0	0	0	0	6	0	0	0	
POUGHKEEPSIE	0	0	NS	0	0	0	0	0	NS	0	0	
	0	0					0	0		0	0	
HYDE PARK	0	4	NS	0	0	0	0	4	NS	0	0	
	0	4					0	4		0	0	
KINGSTON	0	0	NS	0	0	0	0	0	NS	0	0	
	0	0					0	0		0	0	
SAUGERTIES	0	0	NS	0	0	0	0	7	NS	0	0	
	0	0					0	5		0	0	
CATSKILL	0	2	NS	2	2	2	0	2	NS	0	0	
	0	2					0	2		0	0	
ALBANY	NS	3	NS	0	0	0	NS	1	NS	0	0	
		2						1				
TOTAL STANDING CROP	0	9	0	2	2	2	0	160	120	57	53	
	0	5	0	2	2	2	0	45	<0.5			

TABLE B-216 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CATFISH FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	BOTTOM	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	7	27	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	7	<0.5	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	3	0	0	0	0
WEST POINT	0	0	NS	0	0	0	0	3	0	0	0	0
CORNWALL	0	0	2	0	0	0	0	10	0	0	2	2
POUGHKEEPSIE	0	0	<0.5	0	0	0	0	10	0	0	2	2
HYDE PARK	0	0	NS	0	0	0	0	8	NS	0	0	0
KINGSTON	0	0	NS	0	0	0	0	5	0	0	0	0
SAUGERTIES	0	0	NS	0	0	0	0	0	0	0	0	0
CATSKILL	0	19	NS	0	0	0	0	38	NS	0	0	0
ALBANY	NS	10	NS	0	0	0	0	18	0	0	0	0
TOTAL STANDING CROP	0	41	2	0	0	0	0	0	0	0	0	0
	0	11	<0.5	0	0	0	NS	17	NS	0	0	0
							8	27	NS	2	2	2
							131	<0.5	27	27	27	27

TABLE B-217 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CATFISH FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	
	0		0	0	0	0	0		0	0	0	
TAPPAN ZEE	0	0	0	0	0	0	0	7	21	0	0	
	0	0	0	0	0	0	0	7	<0.5	0	0	
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	3	54	2	2	
	0	0	0	0	0	0	0	3	<0.5	2	2	
INDIAN POINT	0	0	0	0	0	0	0	13	5	0	0	
	0	0	0	0	0	0	0	9	<0.5	0	0	
WEST POINT	0	0	NS	0	0	0	0	3	NS	0	0	
	0	0	0	0	0	0	0	3	0	0	0	
CORNWALL	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
POUGHKEEPSIE	0	0	NS	0	0	0	0	0	NS	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
HYDE PARK	0	0	NS	0	0	0	0	7	NS	<0.5	<0.5	
	0	0	0	0	0	0	0	4	0	0	0	
KINGSTON	0	0	NS	0	0	0	0	16	NS	0	0	
	0	0	0	0	0	0	0	4	0	0	0	
SAUGERTIES	0	5	NS	0	0	0	48	22	NS	0	0	
	0	3	0	0	0	0	48	12	NS	0	0	
CATSKILL	0	17	NS	0	0	0	0	36	NS	0	0	
	0	6	0	0	0	0	0	15	NS	0	0	
ALBANY	NS	8	NS	0	0	0	NS	2	NS	0	0	
		4	0	0	0	0	1	1	NS	0	0	
TOTAL STANDING CROP	0	30	0	0	0	0	48	108	80	2	2	
	0	8	0	0	0	0	48	24	<0.5	2	2	



TABLE B-218 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CATFISH FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	0	NS	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0	74	0	0	0
	0	0	0	0	0	0	0	<0.5	<0.5	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	3	62	0	3	0	0
	0	0	0	0	0	0	3	<0.5	<0.5	0	0	0
INDIAN POINT	0	0	0	0	0	0	10	11	0	10	0	0
	0	0	0	0	0	0	10	<0.5	<0.5	0	0	0
WEST POINT	0	0	NS	NS	0	0	0	NS	NS	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
CORNWALL	0	0	1	1	0	0	5	3	0	5	0	0
	0	0	<0.5	<0.5	0	0	5	<0.5	<0.5	0	0	0
POUGHKEEPSIE	0	0	NS	NS	0	0	0	NS	NS	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
HYDE PARK	0	0	NS	NS	0	0	0	NS	NS	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
KINGSTON	0	0	NS	NS	0	0	6	NS	NS	6	0	0
	0	0	0	0	0	0	6	0	0	6	0	0
SAUGERTIES	0	57	NS	NS	0	0	19	NS	NS	9	0	0
	0	35	0	0	0	0	9	0	0	0	0	0
CATSKILL	0	11	NS	NS	0	0	39	NS	NS	16	0	0
	0	7	0	0	0	0	16	0	0	0	0	0
ALBANY	NS	6	NS	NS	0	NS	14	NS	NS	6	0	0
	0	2	0	0	0	0	6	0	0	0	0	0
TOTAL STANDING CROP	0	74	1	1	0	0	96	150	0	23	0	0
	0	35	<0.5	<0.5	0	0	0	<0.5	<0.5	0	0	0

TABLE B-219 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CATFISH FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS		BEACH SEINE		BEACH SEINE		FALL SHOALS		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	0
	0		0	0	0	0	0		0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	19	37	0	0	0
	0	0	0	0	0	0	0	13	<0.5	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	13	67	2	2	2
	0	0	0	0	0	0	0	7	<0.5	2	2	2
INDIAN POINT	0	0	0	0	0	0	0	9	5	0	0	0
	0	0	0	0	0	0	0	9	<0.5	0	0	0
WEST POINT	0	0	NS	0	0	0	0	13	NS	0	0	0
	0	0		0	0	0	0	6		0	0	0
CORNWALL	0	0	0	0	0	0	0	0	2	0	0	0
	0	0	0	0	0	0	0	0	<0.5	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	0	15	NS	0	0	0
	0	0		0	0	0	0	9		0	0	0
HYDE PARK	0	0	NS	0	0	0	0	0	NS	0	0	0
	0	0		0	0	0	0	0		0	0	0
KINGSTON	0	0	NS	0	0	0	0	11	NS	0	0	0
	0	0		0	0	0	0	4		0	0	0
SAUGERTIES	52	4	NS	0	0	0	0	18	NS	0	0	0
	52	3		0	0	0	0	6		0	0	0
CATSKILL	0	3	NS	0	0	0	0	17	NS	0	0	0
	0	2		0	0	0	0	7		0	0	0
ALBANY	NS	2	NS	0	0	0	NS	7	NS	0	0	0
		2		0	0	0	4	4		0	0	0
TOTAL STANDING CROP	52	10	0	0	0	0	0	123	112	2	2	2
	52	4	0	0	0	0	0	23	<0.5	2	2	2

TABLE B-220 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CAPFISH FROM 22OCT85 TO 30OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	17	25	0
	0	0	0	0	0	12	<0.5	0
CROTON-HAVERSTRAW	0	0	0	0	0	16	36	0
	0	0	0	0	0	8	<0.5	0
INDIAN POINT	0	0	0	0	0	36	4	0
	0	0	0	0	0	18	<0.5	0
WEST POINT	0	7	NS	0	0	14	NS	0
	0	4		0	0	7		0
CORNWALL	0	10	0	0	0	0	0	0
	0	6	0	0	0	0	0	0
ROUGHKEEPSIE	0	0	NS	0	0	47	NS	0
	0	0		0	0	23		0
HYDE PARK	0	0	NS	0	680	0	NS	0
	0	0		0	680	0		0
KINGSTON	0	3	NS	0	0	13	NS	0
	0	3		0	0	6		0
SAUGERTIES	0	0	NS	0	0	14	NS	0
	0	0		0	0	12		0
CATSKILL	0	9	NS	0	0	16	NS	0
	0	6		0	0	8		0
ALBANY	NS	4	NS	0	NS	1	NS	0
		2		0		1		0
TOTAL STANDING CROP	0	32	0	0	680	175	65	0
	0	10	0	0	680	36	<0.5	0

TABLE B-221 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CATFISH FROM 05NOV85 TO 14NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	17	0
	0	0	0	0	0	0	<0.5	0
CROTON-HAVERSTRAW	0	0	0	0	0	3	23	2
	0	0	0	0	0	3	<0.5	2
INDIAN POINT	0	0	0	0	0	7	2	0
	0	0	0	0	0	5	<0.5	0
WEST POINT	0	0	NS	0	0	23	NS	0
	0	0		0	0	11		0
CORNWALL	0	0	0	0	0	0	3	0
	0	0	0	0	0	0	<0.5	0
POUGHKEEPSIE	0	8	NS	0	0	8	NS	0
	0	8		0	0	8		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
SAUGERTIES	0	0	NS	0	0	3	NS	0
	0	0		0	0	3		0
CATSKILL	0	2	NS	0	0	0	NS	0
	0	2		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	0	11	0	0	0	45	44	2
	0	9	0	0	0	15	<0.5	2

TABLE B-222 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER WHITE CATFISH FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	0	NS	NS	NS	0
				0				0
TAPPAN ZEE	NS	NS	NS	0	NS	NS	NS	2
				0				2
CROTON-HAVERSTRAW	NS	NS	NS	0	NS	NS	NS	0
				0				0
INDIAN POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
WEST POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
CORNWALL	NS	NS	NS	0	NS	NS	NS	2
				0				2
POUGHKEEPSIE	NS	NS	NS	0	NS	NS	NS	0
				0				0
HYDE PARK	NS	NS	NS	0	NS	NS	NS	0
				0				0
KINGSTON	NS	NS	NS	0	NS	NS	NS	0
				0				0
SAUGERTIES	NS	NS	NS	0	NS	NS	NS	0
				0				0
CATSKILL	NS	NS	NS	0	NS	NS	NS	0
				0				0
ALBANY	NS	NS	NS	0	NS	NS	NS	0
				0				0
TOTAL STANDING CROP	NS	NS	NS	0	NS	NS	NS	4
				0				3

TABLE B-223 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	5
WEST POINT	0	0	NS	2	0	0	NS	7
	0	0	1	1	0	0	0	2
CORNWALL	0	0	1	18	0	0	0	0
	0	0	<0.5	18	0	0	0	0
POUGHKEEPSIE	0	0	NS	94	0	0	NS	13
	0	0	77	77	0	0	0	5
HYDE PARK	0	0	NS	121	0	0	NS	1
	0	0	109	109	0	0	0	1
KINGSTON	0	3	NS	389	0	20	NS	9
	0	3	284	284	0	20	NS	9
SAUGERTIES	0	4	NS	185	0	11	NS	18
	0	4	104	104	0	8	NS	14
CATSKILL	0	2	NS	293	0	0	NS	43
	0	2	84	84	0	0	NS	34
ALBANY	NS	0	NS	175	NS	6	NS	14
	0	0	119	119	3			5
TOTAL STANDING CROP	0	9	1	1276	0	37	0	112
	0	5	<0.5	362	0	22	0	39

TABLE B-224 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 29JUL85 TO 14AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHORE	NS	STANDARD ERROR	CHANNEL	BOTTOM	SHOAL	SHORE	NS	STANDARD ERROR
YONKERS	0	NS	0	0	0		0	NS	0	0	0	0
	0		0	0	0		0		0	0	0	0
TAPPAN ZEE	0	0	0	2	2		0	0	0	0	0	0
	0	0	0	2	2		0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0		0	0	0	0	0	0
	0	0	0	0	0		0	0	0	0	0	0
INDIAN POINT	215	0	0	11	11		215	0	0	0	0	7
	215	0	0	11	11		215	0	0	0	0	7
WEST POINT	0	0	NS	5	4		0	0	NS	0	12	8
	0	0		4	4		0	0		0	8	8
CORNWALL	0	0	0	4	4		0	0	0	0	9	9
	0	0	0	2	2		0	0	0	0	4	4
POUGHKEEPSIE	0	22	NS	121	68		0	0	NS	0	13	9
	0	13		68	68		0	0		0	9	9
HYDE PARK	0	0	NS	9	5		0	0	NS	0	0	0
	0	0		5	5		0	0		0	0	0
KINGSTON	0	8	NS	372	370		0	10	NS	2	2	2
	0	5		370	370		0	7		2	2	2
SAUGERTIES	0	0	NS	105	62		0	3	NS	6	6	4
	0	0		62	62		0	3		4	4	4
CATSKILL	0	0	NS	124	48		0	5	NS	0	0	0
	0	0		48	48		0	3		0	0	0
ALBANY	NS	2	NS	609	482		NS	10	NS	2	2	2
		2		482	482			7		2	2	2
TOTAL STANDING CROP	215	31	0	1362	617		215	28	0	50	50	15
	215	15	0	617	617		215	11	0	15	15	15

TABLE B-225 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS		BEACH SEINE		BEACH SEINE		FALL SHOALS		BEACH SEINE		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE	SHOAL	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0	0	7	0	0
	0	0	0	0	0	0	0	0	<0.5	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	8	NS	3	0	0	0	NS	13	7
CORNWALL	0	0	0	67	0	65	0	0	0	1	0	0
POUGHKEEPSIE	0	0	NS	18	NS	15	0	0	0	NS	1	1
HYDE PARK	88	4	NS	34	NS	16	0	0	0	NS	<0.5	<0.5
KINGSTON	0	2	NS	108	NS	65	0	16	NS	NS	0	0
SAUGERTIES	0	0	NS	49	NS	32	0	5	NS	NS	0	0
CATSKILL	0	0	NS	175	NS	102	0	0	NS	NS	6	4
ALBANY	NS	0	NS	347	NS	241	NS	1	NS	NS	8	8
TOTAL STANDING CROP	88	7	0	807	0	280	0	23	8	8	28	11
	88	5	0	280	0	280	0	10	<0.5	<0.5	11	11



TABLE B-226

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	4
	0	0	0	0	0	0	0	4
INDIAN POINT	0	0	0	2	0	0	0	22
	0	0	0	2	0	0	0	22
WEST POINT	0	0	NS	1	0	0	NS	4
	0	0		1	0	0		3
CORNWALL	0	0	0	9	0	0	0	30
	0	0	0	7	0	0	0	30
POUGHKEEPSIE	0	0	NS	48	0	0	NS	27
	0	0		25	0	0		22
HYDE PARK	0	0	NS	12	0	4	NS	2
	0	0		7	0	4		1
KINGSTON	0	0	NS	86	0	3	NS	2
	0	0		52	0	3		2
SAUGERTIES	0	0	NS	60	0	0	NS	14
	0	0		20	0	0		9
CATSKILL	0	0	NS	106	0	0	NS	0
	0	0		61	0	0		0
ALBANY	NS	0	NS	58	NS	0	NS	2
		0		23	0	0		2
TOTAL STANDING CROP	0	0	0	383	0	7	0	106
	0	0	0	90	0	5	0	45

TABLE B-227 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
WEST POINT	0	0	NS	5	0	0	NS	2
	0			2	0			1
CORNWALL	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
POUGHKEEPSIE	0	0	NS	41	0	0	NS	10
	0			18	0			10
HYDE PARK	0	0	NS	1	0	0	NS	0
	0			1	0			0
KINGSTON	0	5	NS	69	0	11	NS	0
	0			24	0	6		0
SAUGERTIES	0	0	NS	125	0	3	NS	14
	0			60	0	3		10
CATSKILL	0	5	NS	63	0	11	NS	6
	0			40	0	5		3
ALBANY	NS	33	NS	105	NS	53	NS	2
				92		18		2
TOTAL STANDING CROP	0	43	0	409	0	78	0	33
	0	13	0	120	0	20	0	14

TABLE B-228 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	2
	0		0	0	0		0	2
INDIAN POINT	0	0	0	2	0	0	0	2
	0		0	2	0		0	2
WEST POINT	0	0	NS	2	0	0	NS	0
	0		0	2	0		0	0
CORNWALL	0	0	0	18	0	0	0	7
	0		0	18	0		0	7
POUGHKEEPSIE	0	0	NS	30	0	0	NS	4
	0		0	23	0		0	3
HYDE PARK	0	0	NS	30	0	4	NS	3
	0		0	14	0	4		1
KINGSTON	0	0	NS	96	0	0	NS	7
	0		0	35	0		0	5
SAUGERTIES	0	0	NS	117	0	0	NS	25
	0		0	44	0		0	17
CATSKILL	0	0	NS	63	0	0	NS	20
	0		0	41	0		0	16
ALBANY	NS	0	NS	206	NS	1	NS	29
		0		131		1		21
TOTAL STANDING CROP	0	0	0	563	0	5	0	100
	0		0	151	0	4	0	33

TABLE B-229

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	
	0		0	0	0	0	0		0	0	0	
TAPPAN ZEE	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
INDIAN POINT	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
WEST POINT	0	0	NS	3	2	0	0	0	NS	2	1	
	0	0				0	0					
CORNWALL	0	0	0	101	60	0	0	0	0	0	25	
	0	0	0	60		0	0	0	0	0	19	
POUGHKEEPSIE	0	0	NS	101	67	0	0	0	NS	21	14	
	0	0				0	0					
HYDE PARK	0	3	NS	22	10	0	0	0	NS	8	4	
	0	3				0	0					
KINGSTON	0	0	NS	122	61	0	0	6	NS	5	2	
	0	0				0	0	4				
SAUGERTIES	0	0	NS	209	76	0	0	0	NS	70	23	
	0	0				0	0	0				
CATSKILL	0	0	NS	112	64	0	0	2	NS	165	68	
	0	0				0	0	2				
ALBANY	NS	18	NS	76	71	NS	NS	11	NS	17	17	
		5						5				
TOTAL STANDING CROP	0	21	0	745	164	0	0	19	0	314	78	
	0	6	0	164		0	0	7	0	0		

TABLE B-230 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 22OCT85 TO 30OCT85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	
TAPPAN ZEE	0	0	0	0	0	0	0	0	0	0	0	
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0	0	0	0	
INDIAN POINT	0	0	0	0	2	2	0	0	0	0	11	
WEST POINT	0	3	NS	NS	6	5	0	0	NS	NS	4	
CORNWALL	0	0	0	0	20	20	0	5	0	0	11	
POUGHKEEPSIE	0	0	NS	NS	92	71	0	8	NS	NS	44	
HYDE PARK	0	0	NS	NS	16	6	0	4	NS	NS	6	
KINGSTON	0	0	NS	NS	158	46	0	6	NS	NS	24	
SAUGERTIES	0	5	NS	NS	33	27	0	8	NS	NS	10	
CATSKILL	0	3	NS	NS	10	10	0	5	NS	NS	4	
ALBANY	NS	9	NS	NS	16	10	NS	2	NS	NS	0	
TOTAL STANDING CROP	0	20	0	0	352	93	0	37	0	0	117	
	0	8	0	0			0	13	0	0	41	

TABLE B-231 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 05NOV85 TO 14NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	SHOAL	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0	0	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	1	0	0	NS	1
	0	0	0	1	0	0	0	1
CORNWALL	0	0	0	4	0	0	0	5
	0	0	0	4	0	0	0	4
POUGHKEEPSIE	0	0	NS	26	0	0	NS	3
	0	0	0	14	0	0	0	2
HYDE PARK	0	0	NS	2	0	0	NS	<0.5
	0	0	0	1	0	0	0	<0.5
KINGSTON	0	14	NS	77	0	50	NS	3
	0	9	0	58	0	31	0	2
SAUGERTIES	0	3	NS	41	0	10	NS	10
	0	3	0	11	0	6	0	7
CATSKILL	0	7	NS	144	0	14	NS	22
	0	5	0	131	0	14	0	16
ALBANY	NS	0	NS	6	NS	4	NS	2
	0	0	0	4	3	3	0	2
TOTAL STANDING CROP	0	24	0	300	0	78	0	46
	0	10	0	144	0	34	0	18

TABLE B-232

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SPOTTAIL SHINER FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	0 0	NS	NS	NS	0 0
TAPPAN ZEE	NS	NS	NS	0 0	NS	NS	NS	0 0
CROTON-HAVERSTRAW	NS	NS	NS	0 0	NS	NS	NS	0 0
INDIAN POINT	NS	NS	NS	4 4	NS	NS	NS	4 4
WEST POINT	NS	NS	NS	6 4	NS	NS	NS	14 12
CORNWALL	NS	NS	NS	7 2	NS	NS	NS	0 0
POUGHKEEPSIE	NS	NS	NS	9 5	NS	NS	NS	0 0
HYDE PARK	NS	NS	NS	13 7	NS	NS	NS	36 34
KINGSTON	NS	NS	NS	9 9	NS	NS	NS	2 2
SAUGERTIES	NS	NS	NS	55 16	NS	NS	NS	49 31
CATSKILL	NS	NS	NS	67 42	NS	NS	NS	24 9
ALBANY	NS	NS	NS	23 9	NS	NS	NS	4 3
TOTAL STANDING CROP	NS	NS	NS	192 48	NS	NS	NS	131 49

TABLE B-233

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 16JUL85 TO 30JUL85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0	0	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	10	0	0
	0	0	0	0	0	10	0	0
WEST POINT	0	0	NS	0	0	3	NS	0
	0	0	0	0	0	3	0	0
CORNWALL	0	0	0	0	0	4	1	0
	0	0	0	0	0	4	<0.5	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
	0	0	0	0	0	0	0	0
HYDE PARK	0	0	NS	0	0	10	NS	0
	0	0	0	0	0	7	0	0
KINGSTON	0	0	NS	0	0	27	NS	0
	0	0	0	0	0	12	0	0
SAUGERTIES	0	0	NS	0	0	14	NS	0
	0	0	0	0	0	11	0	0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0	0	0	0	0	0	0
ALBANY	NS	0	NS	0	NS	6	NS	0
	0	0	0	0	0	4	0	0
TOTAL STANDING CROP	0	0	0	0	0	74	1	0
	0	0	0	0	0	21	<0.5	0



TABLE B-234 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 29JUL85 TO 14AUG85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0	7	2	2	2
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	NS	0	0	0	4	NS	0	0	0
CORNWALL	0	0	0	0	0	0	0	0	0	0	0	0
FOUGHKEEPSIE	0	0	NS	NS	0	0	0	12	NS	0	0	0
HYDE PARK	0	0	NS	NS	0	0	0	0	NS	0	0	0
KINGSTON	0	0	NS	NS	0	0	0	7	NS	0	0	0
SAUGERTIES	0	0	NS	NS	0	0	0	3	NS	0	0	0
CATSKILL	0	0	NS	NS	0	0	0	0	NS	0	0	0
ALBANY	NS	0	NS	NS	0	0	NS	0	NS	0	0	0
TOTAL STANDING CROP	0	0	0	0	0	0	0	26	7	2	2	2
	0	0	0	0	0	0	0	15	<0.5			

TABLE B-235

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	3	0
INDIAN POINT	0	0	0	0	0	0	<0.5	0
WEST POINT	0	0	0	0	0	0	2	0
CORNWALL	0	0	0	0	0	0	<0.5	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
HYDE PARK	0	0	0	0	0	10	0	0
KINGSTON	0	0	NS	0	0	6	0	0
SAUGERTIES	0	0	0	0	0	0	NS	0
CATSKILL	0	0	0	0	0	0	NS	0
ALBANY	NS	0	0	0	NS	0	NS	0
TOTAL STANDING CROP	0	0	0	0	0	18	4	0
	0	0	0	0	0	8	<0.5	0

TABLE B-236 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CORNWALL	0	0	0	0	0	13	0	0
	0	0	0	0	0	13	0	0
POUGHKEEPSIE	0	0	NS	0	0	37	NS	0
	0	0		0	0	18		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	0	NS	0	0	3	NS	0
	0	0		0	0	3		0
SAUGERTIES	0	0	NS	0	0	4	NS	0
	0	0		0	0	2		0
CATSKILL	0	0	NS	0	0	2	NS	0
	0	0		0	0	2		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	0	0	0	0	0	59	0	0
	0	0	0	0	0	23	0	0

TABLE B-237 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CORNWALL	0	0	0	0	0	4	0	0
	0	0	0	0	0	4	0	0
POUGHKEEPSIE	0	0	NS	0	0	15	NS	0
	0	0		0	0	9		0
HYDE PARK	0	0	NS	0	0	30	NS	0
	0	0		0	0	22		0
KINGSTON	0	0	NS	0	0	5	NS	0
	0	0		0	0	4		0
SAUGERTIES	0	0	NS	0	0	7	NS	0
	0	0		0	0	5		0
CATSKILL	0	0	NS	0	0	2	NS	0
	0	0		0	0	2		0
ALBANY	NS	0	NS	0	NS	2	NS	0
		0		0	1			0
TOTAL STANDING CROP	0	0	0	0	0	66	0	0
	0	0	0	0	0	25	0	0

TABLE B-238 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0	0	0	0	0	0	0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	14	NS	0
	0	0	0	0	0	10	0	0
CORNWALL	0	0	0	0	0	5	3	0
	0	0	0	0	0	5	<0.5	0
POUGHKEEPSIE	0	0	NS	0	0	7	NS	0
	0	0	0	0	0	7	0	0
HYDE PARK	0	0	NS	0	0	4	NS	0
	0	0	0	0	0	4	0	0
KINGSTON	0	0	NS	0	0	13	NS	0
	0	0	0	0	0	6	0	0
SAUGERTIES	0	0	NS	0	0	3	NS	0
	0	0	0	0	0	3	0	0
CATSKILL	0	0	NS	0	0	2	NS	0
	0	0	0	0	0	2	0	0
ALBANY	NS	0	NS	0	NS	0	NS	0
	0	0	0	0	0	0	0	0
TOTAL STANDING CROP	0	0	0	0	0	48	3	0
	0	0	0	0	0	16	<0.5	0

TABLE B-239

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 07OCT85 TO 17OCT85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CORNWALL	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	0	NS	0	0	13	NS	0
	0	0		0	0	6		0
SAUGERTIES	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	0	0	0	0	0	13	0	0
	0	0	0	0	0	6	0	0

TABLE B-240 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 22OCT85 TO 30OCT85 . STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	5	0	0
	0	0	0	0	0	5	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CORNWALL	0	0	0	0	0	5	0	0
	0	0	0	0	0	5	0	0
POUGHKEEPSIE	0	0	NS	0	0	8	NS	0
	0	0		0	0	8		0
HYDE PARK	0	0	NS	0	0	6	NS	0
	0	0		0	0	6		0
KINGSTON	0	0	NS	0	0	8	NS	0
	0	0		0	0	6		0
SAUGERTIES	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	0	0	0	0	0	33	0	0
	0	0	0	0	0	14	0	0

TABLE B-241

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 05NOV85 TO 14NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	
	0		0	0	0	0	0		0	0	0	
TAPPAN ZEE	0	0	0	0	0	0	0	0	0	0	0	
	0		0	0	0	0	0		0	0	0	
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0	0	0	0	
	0		0	0	0	0	0		0	0	0	
INDIAN POINT	0	0	0	0	0	0	0	0	0	0	0	
	0		0	0	0	0	0		0	0	0	
WEST POINT	0	0	NS	0	0	0	0	0	0	NS	0	
	0			0	0	0	0		0		0	
CORNWALL	0	0	0	0	0	0	0	0	0	0	0	
	0		0	0	0	0	0		0	0	0	
POUGHKEEPSIE	0	0	NS	0	0	0	0	0	0	NS	0	
	0			0	0	0	0		0		0	
HYDE PARK	0	0	NS	0	0	0	0	0	0	NS	0	
	0			0	0	0	0		0		0	
KINGSTON	0	0	NS	0	0	0	0	0	0	NS	0	
	0			0	0	0	0		0		0	
SAUGERTIES	0	0	NS	0	0	0	0	0	0	NS	0	
	0			0	0	0	0		0		0	
CATSKILL	0	0	NS	0	0	0	0	0	0	NS	0	
	0			0	0	0	0		0		0	
ALBANY	NS	0	NS	0	0	0	NS	0	0	NS	0	
				0	0	0			0		0	
TOTAL STANDING CROP	0	0	0	0	0	0	0	12	0	0	0	
	0		0	0	0	0	0	9	0	0	0	



TABLE B-242 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER ATLANTIC STURGEON FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	NS	NS	NS	0	NS	NS	NS	0
				0				0
TAPPAN ZEE	NS	NS	NS	0	NS	NS	NS	0
				0				0
CROTON-HAVERSTRAW	NS	NS	NS	0	NS	NS	NS	0
				0				0
INDIAN POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
WEST POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
CORNWALL	NS	NS	NS	0	NS	NS	NS	0
				0				0
POUGHKEEPSIE	NS	NS	NS	0	NS	NS	NS	0
				0				0
HYDE PARK	NS	NS	NS	0	NS	NS	NS	0
				0				0
KINGSTON	NS	NS	NS	0	NS	NS	NS	0
				0				0
SAUGERTIES	NS	NS	NS	0	NS	NS	NS	0
				0				0
CATSKILL	NS	NS	NS	0	NS	NS	NS	0
				0				0
ALBANY	NS	NS	NS	0	NS	NS	NS	0
				0				0
TOTAL STANDING CROP	NS	NS	NS	0	NS	NS	NS	0
				0				0





TABLE B-245 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SHORTNOSE STURGEON FROM 12AUG85 TO 23AUG85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR						YEARLING AND OLDER					
	FALL SHOALS			BEACH SEINE			FALL SHOALS			BEACH SEINE		
	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	SHORE	CHANNEL	BOTTOM	SHOAL	SHOAL	SHORE	
YONKERS	0	NS	0	0	0	0	0	NS	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
TAPPAN ZEE	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
INDIAN POINT	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
WEST POINT	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
CORNWALL	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
POUGHKEEPSIE	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
HYDE PARK	0	0	NS	NS	0	0	0	3	NS	0	0	
	0	0	0	0	0	0	0	3	0	0	0	
KINGSTON	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
SAUGERTIES	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
CATSKILL	0	0	NS	NS	0	0	0	0	NS	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
ALBANY	NS	0	NS	NS	0	0	NS	0	NS	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
TOTAL STANDING CROP	0	0	0	0	0	0	0	3	0	0	0	
	0	0	0	0	0	0	0	3	0	0	0	

TABLE B-246 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SHORTNOSE STURGEON FROM 26AUG85 TO 07SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
WEST POINT	0	0	NS	0	0	0	NS	0
	0			0	0			0
CORNWALL	0	0	0	0	0	0	0	0
	0		0	0	0		0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
	0			0	0			0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0			0	0			0
KINGSTON	0	0	NS	0	0	0	NS	0
	0			0	0			0
SAUGERTIES	0	0	NS	0	0	0	NS	0
	0			0	0			0
CATSKILL	0	0	NS	0	0	0	NS	0
	0			0	0			0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	0	0	0	0	0	0	0	0
	0		0	0	0		0	0

TABLE B-247

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SHORTNOSE STURGEON FROM 09SEP85 TO 20SEP85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CORNWALL	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	7	NS	0
	0	0		0	0	7		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	0	NS	0	0	14	NS	0
	0	0		0	0	6		0
SAUGERTIES	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
	0	0		0	0	0		0
TOTAL STANDING CROP	0	0	0	0	0	21	0	0
	0	0	0	0	0	9	0	0

TABLE B-248 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SHORTNOSE STURGEON FROM 23SEP85 TO 03OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	4	NS	0
	0	0		0	0	4		0
CORNWALL	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
HYDE PARK	0	0	NS	0	0	7	NS	0
	0	0		0	0	5		0
KINGSTON	0	0	NS	0	0	5	NS	0
	0	0		0	0	4		0
SAUGERTIES	0	0	NS	0	0	3	NS	0
	0	0		0	0	3		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
	0	0		0	0	0		0
TOTAL STANDING CROP	0	0	0	0	0	19	0	0
	0	0	0	0	0	7	0	0

TABLE B-249

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SHORTNOSE STURGEON FROM 07OCT85 TO 17OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
	0	0		0	0		0	0
CORNWALL	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
	0	0		0	0		0	0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0		0	0
KINGSTON	0	0	NS	0	0	3	NS	0
	0	0		0	0	3		0
SAUGERTIES	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
	0	0		0	0	0		0
TOTAL STANDING CROP	0	0	0	0	0	3	0	0
	0	0	0	0	0	3	0	0



TABLE B-250

1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SHORTNOSE STURGEON FROM 22OCT85 TO 30OCT85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHORE	CHANNEL	BOTTOM	SHOAL	SHORE
YONKERS	0	NS	0	0	0	NS	0	0
	0		0	0	0		0	0
TAPPAN ZEE	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
CROTON-HAVERSTRAW	0	0	0	0	0	0	3	0
	0	0	0	0	0	0	<0.5	0
INDIAN POINT	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
WEST POINT	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
CORNWALL	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
POUGHKEEPSIE	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
HYDE PARK	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
KINGSTON	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
SAUGERTIES	0	0	NS	0	0	2	NS	0
	0	0		0	0	2		0
CATSKILL	0	0	NS	0	0	0	NS	0
	0	0		0	0	0		0
ALBANY	NS	0	NS	0	NS	0	NS	0
		0		0		0		0
TOTAL STANDING CROP	0	0	0	0	0	2	3	0
	0	0	0	0	0	2	<0.5	0

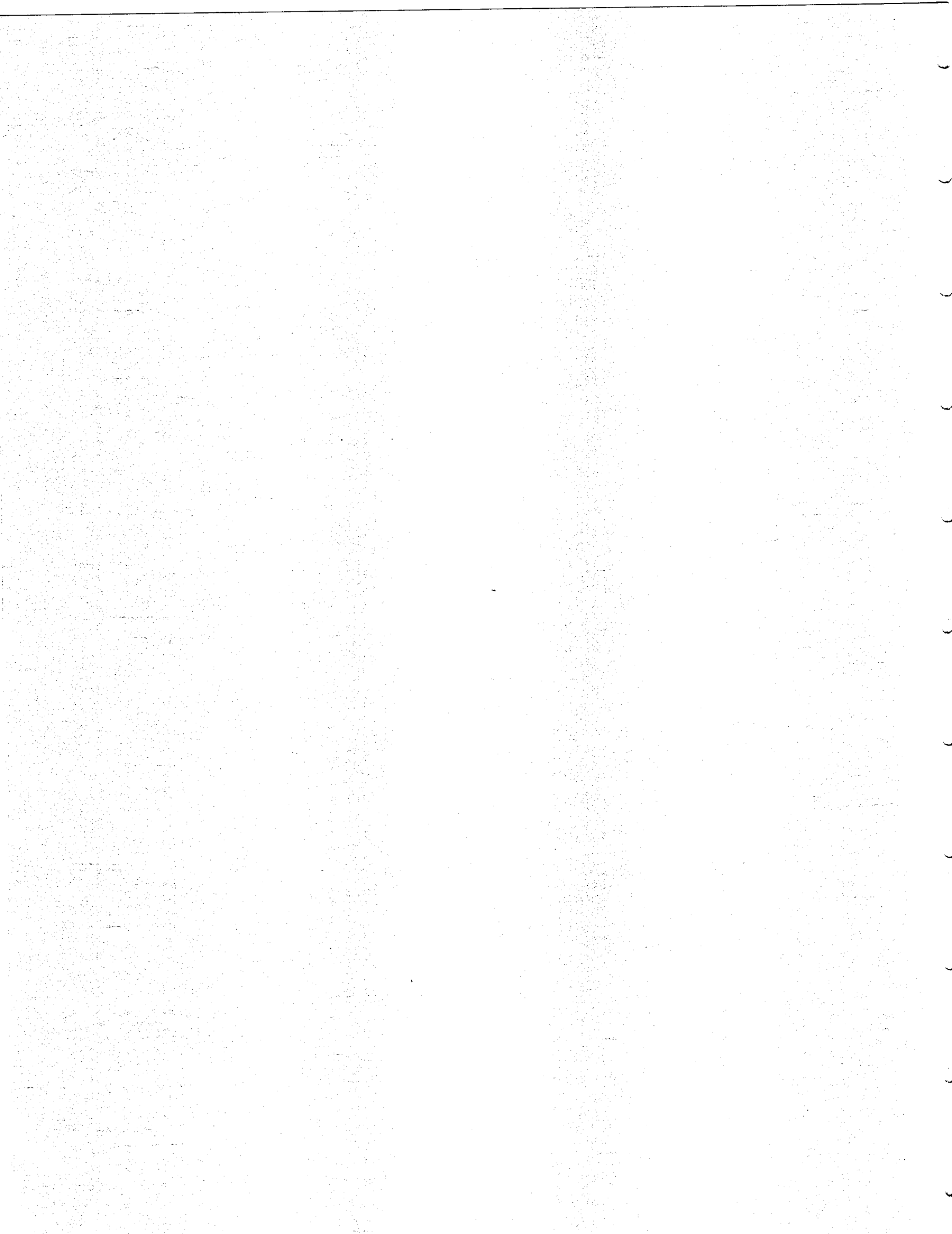


TABLE B-252 1985 FALL SHOALS AND BEACH SEINE SURVEYS STANDING CROP DATA (IN THOUSANDS) FOR YOUNG-OF-YEAR AND YEARLING AND OLDER SHORTNOSE STURGEON FROM 18NOV85 TO 21NOV85. STANDARD ERRORS (IN THOUSANDS) ARE PRINTED BELOW EACH STANDING CROP. "NS" INDICATES THAT THE STRATUM WAS NOT SAMPLED.

REGION	YOUNG-OF-YEAR				YEARLING AND OLDER			
	FALL SHOALS		BEACH SEINE		FALL SHOALS		BEACH SEINE	
	CHANNEL	BOTTOM	SHOAL	SHOAL	CHANNEL	BOTTOM	SHOAL	SHOAL
YONKERS	NS	NS	NS	0	NS	NS	NS	0
				0				0
TAPPAN ZEE	NS	NS	NS	0	NS	NS	NS	0
				0				0
CROTON-HAVERSTRAW	NS	NS	NS	0	NS	NS	NS	0
				0				0
INDIAN POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
WEST POINT	NS	NS	NS	0	NS	NS	NS	0
				0				0
CORNWALL	NS	NS	NS	0	NS	NS	NS	0
				0				0
POUGHKEEPSIE	NS	NS	NS	0	NS	NS	NS	0
				0				0
HYDE PARK	NS	NS	NS	0	NS	NS	NS	0
				0				0
KINGSTON	NS	NS	NS	0	NS	NS	NS	0
				0				0
SAUGERTIES	NS	NS	NS	0	NS	NS	NS	0
				0				0
CATSKILL	NS	NS	NS	0	NS	NS	NS	0
				0				0
ALBANY	NS	NS	NS	0	NS	NS	NS	0
				0				0
TOTAL STANDING CROP	NS	NS	NS	0	NS	NS	NS	0
				0				0

APPENDIX C

QUALITY CONTROL RESULTS FOR  
1985 HUDSON RIVER ICHTHYOPLANKTON  
LABORATORY ANALYSIS PROGRAM



QUALITY CONTROL RESULTS FOR  
1985 HUDSON RIVER ICHTHYOPLANKTON LABORATORY  
ANALYSIS PROGRAM

## CHAPTER 1

### INTRODUCTION

The 1985 Hudson River Ichthyoplankton Laboratory Analysis Program was monitored using a continuous sampling inspection plan. Continuous sampling is an acceptance-rectification procedure that initially involves a 100% inspection followed by less frequent inspections. Rectification occurs only in those samples that are inspected. The plan chosen for this program was single-stage continuous sampling (CSP-1) as set forth in Military Standard 1235B (1981).

The program was established to provide an AOQL of 0.10 with the sampling frequency ( $f$ ) set at 0.14, and the clearance number ( $i$ ) set at 8.

## CHAPTER 2

### METHODS

The continuous sampling plan is summarized as follows:

1. The QC person analyzes 100% of units consecutively until  $i(8)$  successive units meet the inspection criteria. ( $i = 8$  is the clearance number.)
2. When  $i$  successive units meet the inspection criterion
3. The analyzer is released from 100% inspection. Then a sampling frequency,  $f(1/7)$ , is followed. The sample units are selected for inspection in an unbiased manner.
4. When the QC person finds a sample that does not meet the inspection criterion
5. The analyzer is placed in 100% inspection beginning with the next sample analyzed.

Acceptance/rejection criteria for sort and identification are as follows:

Sort: A sample is rejected (fails) when an individual misses more than 10% of the organisms in the sample.

Identification: A sample is rejected (fails) when an individual incorrectly identifies more than 10% of the species present, the cumulative percent identification by life stage indicates that more than 10% have been incorrectly identified, or the counts are more than 10% different from the QC counts. In those samples that contain less than 20 individuals per species/life stage, the 10% criterion is relaxed and the analyzer is allowed to miss two individuals without the sample being rejected. Either pass or fail is assigned to these samples.



The incoming quality ( $P_a$ ) (percentage defective samples subjected to quality control inspection) expressed as a percentage, was calculated for both sort (using jars) and identification (using samples) as follows. Note that the number of samples and number of jars are not equal because the volume of some samples requires multiple jars for storage.

$$P_a = \frac{np}{N} \times 100$$

where

$np$  = No. of non-conforming samples (jars for sort)  
in given sample size  $n$   
 $N$  = total No. of samples QC'd (jars for sort)

The Average Outgoing Quality (AOQ) is defined as the long run expected proportion of undetected defective samples out of the total number of samples processed. This is a function of the incoming quality  $P_a$  and is computed herein according to the following formula:

$$AOQ = \frac{P_a(1-f)(1-P_a)^i}{f + (1-f)(1-P_a)^i}$$

where

$f$  = frequency  
 $P_a$  = incoming quality  
 $i$  = clearance number

The average fraction of samples that are reinspected in the long run is the Average Fraction Inspected (AFI). It is calculated according to the following formula:

$$AFI = \frac{f}{f + (1-f)(1-P_a)^i}$$

where

f = frequency  
 $P_a$  = incoming quality  
 i = clearance number

The defective rate (percentage) of each sample was calculated as follows:

1. Sorting

$$1 - \frac{\text{Original No. of organisms}}{\text{Original No. of organisms} + \text{QC No. of organisms}} \times 100 = \text{percent defective}$$

2. Identification (cumulative by life stage)

Percent defective was determined for each species/life stage as follows:

$$1 - \frac{\text{Original No. of organisms/ life stage}}{\text{Original No. of organisms/ life stage} + \text{QC No. of organisms/ life stage}} \times 100 = \text{percent defective/ life stage}$$

Example:

Species A	Analyzer Count	QC Count	Error %
egg	200	210	4.8
yolk-sac	10	11	P*
post yolk-sac	98	96	2.1

Cumulative count by life stage for species A

$$\text{percent error} = \% \text{ error eggs} + \% \text{ yolk-sac} + \% \text{ error post yolk-sac}$$

$$6.9\% = 4.8\% + P^* + 2.1$$

\* For samples where QC count is less than or equal to 20, F=defective, P=non-defective.

The cumulative proficiency for each species was then compared with the inspection criterion (89.9%).

### Training of Personnel

Inexperienced sorters were trained by regular employees who had several years' experience sorting long river ichthyoplankton samples. In each case the regular employee checked each sample for additional organisms. As they were found, the trainer required the new sorter to re-sort the sample while methods to improve the sorter's proficiency were explained. The procedure was followed through mode 1 for all new sorters. This check did not constitute the QC of the sample, which was performed by a third individual. When the sorter was placed in mode 2, the trainer randomly checked samples from several lots to determine the performance of the sorter. Samples checked during mode 2 were not necessarily samples selected for QC.

Performance of each staff member was reviewed to select additional sort QC inspectors from among the sort staff. Only staff members with the highest performance record were considered, and selection was based on experience, i.e., those who performed this task in previous years were promoted first. Following this, the remaining staff from the initial pool were promoted as needed. New QC inspectors were trained by the regular training staff, who continued to observe the new inspectors throughout the life of the project.

Inexperienced identification staff were trained according to the following procedure. Each staff member familiarized himself with the taxonomic keys used on this project and the in-house reference collections for each species/life stage. Following this, the person identified a series of samples (mode 1). These samples were checked by an experienced identifier. As errors were found, they

were pointed out and proper identifications were explained to the staff member noting definitive characteristics. These checks did not constitute the QC of the samples which was performed by a third individual. When the inexperienced person was placed in Mode 2, the trainer randomly checked samples (not necessarily samples selected for QC) to determine the performance of the individual.

CHAPTER 3

RESULTS

Results of the 1985 laboratory analysis quality control program were as follows:

	<u>  SORT  </u>	<u>  ID  </u>	<u>  COUNT  </u>
AQQ <sup>a</sup>	4	4	1
AFI <sup>a</sup>	21	20	16

<sup>a</sup>Expressed as percent.

<u>  INCOMING QUALITY  </u>	<u>  SORT  </u>	<u>  ID  </u>	<u>  COUNT  </u>
1. Overall laboratory incoming quality	6.5	5.1	1.6
2. Laboratory incoming quality			
River Run 1	21.7	7.1	0.0
River Run 2	0.0	2.6	0.0
River Run 3	3.3	14.3	0.0
River Run 4	13.2	7.1	0.0
River Run 5	7.0	4.3	4.3
River Run 6	0.0	0.0	0.0
River Run 7	1.4	5.9	5.9
River Run 8	2.8	0.0	0.0
River Run 9	5.8	0.0	0.0
River Run 10	4.9	0.0	0.0
River Run 11	2.6	9.3	4.0

The incoming quality for sorting river runs 1 and 4 were higher than expected. In river run 1, two individuals' performances contributed 10 of the 23 failures recorded; in river run 4 one individual accounted for all nine failures. The incoming quality for identification of river run three was higher than expected, reflecting one individual's performance (all five failures). Each of the failed samples was correctly analyzed during the QC process and the corrected data were entered into the data base.

All additional organisms picked during the QC sort procedure were tracked separately through the identification process to determine which species and life stages were missed during the initial sort.

Summary of the additional organisms picked during the sort QC indicated that 97.8% of those organisms were identified to the following taxa: white perch, bay anchovy, clupeids, striped bass, Morone spp., and unidentified organisms. Summarizing by life stage for these six taxa showed that post-yolk-sac larvae were the most frequently missed life stage (47.4%), followed by eggs (37.2%), yolk-sac (10.7%), and unidentified life stage (4.8%).

RANKING OF SPECIES MISSED DURING INITIAL SORT  
AND PICKED DURING SORT QC

---

SPECIES	No.	%
White perch	3061	55.4
Bay anchovy	820	14.8
Clupeidae	809	14.7
Striped bass	468	8.5
Morone spp.	179	3.2
Unidentified	64	1.2
Cyprinidae	35	0.6
Tessellated darter	21	0.4
Winter flounder	19	0.3
American shad	11	0.2
Hogchoker	10	0.2
Atlantic tomcod	9	0.2
Centrarchidae	6	0.1
Northern pipefish	3	<0.1
Gobiidae	2	<0.1
Atlantic menhaden	1	<0.1
Myoxocephalus sp.	1	<0.1
Silversides	1	<0.1
Windowpane flounder	1	<0.1
Yellow perch	1	<0.1
 Total	 5522	
 Total No. jars QC'd	 801	

---

SUMMARY BY LIFE STAGE OF SIX HIGHEST RANKED  
SPECIES MISSED DURING ORIGINAL SORT  
AND PICKED DURING SORT QC

---

SPECIES	No.	%
1. White perch		
Eggs	1554	50.8
Yolk-sac	192	6.3
Post-yolk-sac	1298	42.4
Juvenile	0	0.0
Unidentified	17	0.6
life stage		
Total	3061	
2. Bay anchovy		
Eggs	275	33.5
Yolk-sac	4	0.5
Post-yolk-sac	536	65.4
Juvenile	0	0.0
Unidentified	5	0.6
life stage		
Total	820	
3. Clupeids		
Eggs	112	13.8
Yolk-sac	185	22.9
Post-yolk-sac	456	56.4
Juvenile	0	0.0
Unidentified	56	6.9
life stage		
Total	809	
4. Striped bass		
Eggs	66	14.1
Yolk-sac	193	41.2
Post-yolk-sac	177	37.8
Juvenile	0	0.0
Unidentified	32	6.8
life stage		
Total	468	



SUMMARY BY LIFE STAGE OF SIX HIGHEST RANKED  
SPECIES MISSED DURING ORIGINAL SORT  
AND PICKED DURING SORT QC

---

SPECIES	No.	%
5. <u>Morone</u> spp.		
Eggs	0	0.0
Yolk-sac	2	1.1
Post-yolk-sac	88	49.2
Juvenile	0	0.0
Unidentified life stage	89	49.7
Total	179	
6. Unidentified		
Eggs	3	4.7
Yolk-sac	0	0.0
Post-yolk-sac	3	4.7
Juvenile	0	0.0
Unidentified life stage	58	90.6
Total	64	
Species 1-6 combined		
Eggs	2010	37.2
Yolk-sac	576	10.7
Post-yolk-sac	2558	47.4
Juvenile	0	0.0
Unidentified life stage	257	4.8
Total	5401	

---

Based on the information presented above, the AOQ is approximately 4% for sort, 4% for identification, and 1% for count - well below the 10% maximum AOQL criterion for this program.

## CHAPTER 4

### REFERENCES

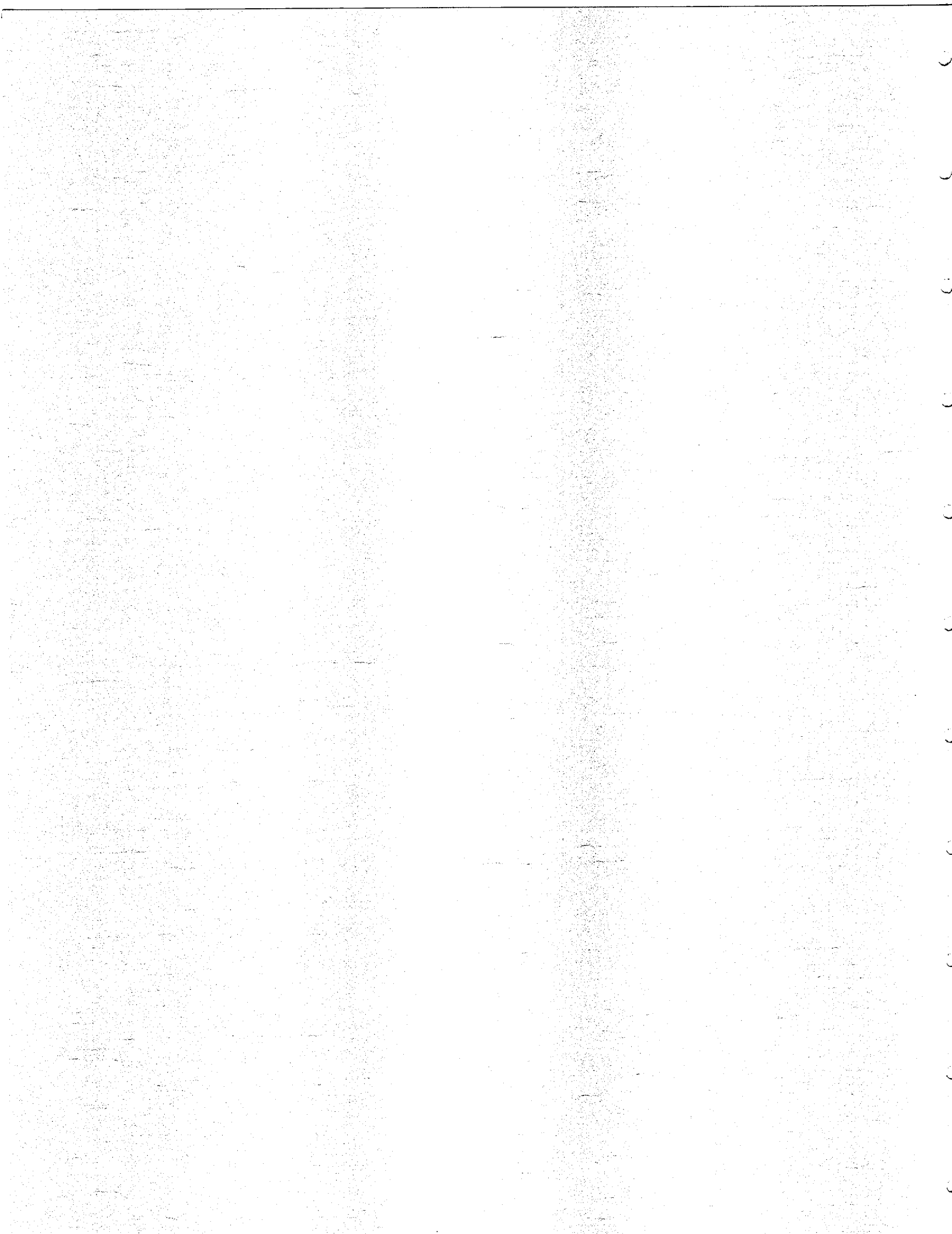
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APPENDIX D

HISTORICAL WATER QUALITY DATA (1974-1985)



## METHODS FOR HISTORICAL WATER QUALITY SUMMARIES

Mean temperature (°C), salinity (ppt), and dissolved oxygen (ppm) for each region in each week of sampling were calculated from the Longitudinal River/Fall Shoals Water Quality Survey data for 1974 to 1985. From 1974 to 1981, water quality measurements were taken in association with each ichthyoplankton or juvenile fish sample. Since 1982, a standard station design has been used for the water quality survey; samples are taken at fixed river miles in each region. (Methods used for the standard station design are described in Chapter II.)

To calculate weekly regional mean water quality values, each region was divided into four strata: channel midwater, channel bottom, shoal midwater, and shoal bottom. The mean value was calculated for each of these stratum and then a regional value was calculated as the volume weighted mean of the strata values using the following equation:

$$W_{rwy} = \sum_{k=1}^{n_{rwy}} \left[ \left( \sum_{i=1}^{n_{krwy}} W_{ikrwy} \right) P_{kr} \right]$$

where

$W_{rwy}$  = weighted mean of a water quality parameter in region r during week w of year y

$W_{ikrwy}$  = water quality measurement for location i, in stratum k, in region r, during week w of year y

$P_{kr}$  = proportion of the river volume of region r that is contained by stratum k (based on volumes in Table D-1).

$n_{krwy}$  = number of sites at which measurements were made in stratum k, in region r, during week w of year y

$n_{rwy}$  = number of strata sampled in region r during week w of year y (up to 4).

Table D-1. Stratum volumes (m<sup>3</sup>) used for calculation of historical water quality summaries for the Longitudinal River/Fall Shoals Water Quality Survey conducted in the Hudson River during 1974 to 1985

Geographic Region	Channel Volume		Shoal Volume	
	Bottom	Midwater	Bottom	Midwater
Yonkers	19,454,657	143,452,543	5,784,084	17,605,474
Tappan Zee	20,377,231	138,000,768	26,405,643	80,372,937
Croton-Haverstraw	10,665,784	61,309,016	11,698,493	35,607,624
Indian Point	10,961,311	162,269,471	2,744,651	8,354,112
West Point	8,520,739	178,830,022	574,591	1,748,928
Cornwall	12,060,110	94,882,267	1,766,407	5,376,551
Poughkeepsie	20,719,147	228,975,052	1,299,886	3,956,567
Hyde Park	10,499,936	131,165,041	500,755	1,524,186
Kingston	11,637,437	93,657,021	2,676,232	8,145,859
Saugerties	14,053,185	113,143,296	4,406,692	13,412,997
Catskill	13,868,236	83,924,081	7,492,241	22,804,724
Albany	4,433,636	32,025,080	5,556,685	16,913,319

Table D-2. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1974

DATE	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
16APR74	.	.	.	10.3	10.5	10.1	8.6	9.3	10.1	9.8	9.4	.
23APR74	.	.	.	12.7	11.8	12.0	10.2	11.0	10.6	10.9	11.0	11.1
29APR74	12.8	12.6	12.2	14.0	13.0	13.5	12.9	12.8	13.8	13.4	13.2	12.8
06MAY74	13.8	14.0	14.0	15.4	14.1	14.5	13.5	12.7	13.0	12.7	12.5	12.5
13MAY74	17.3	17.1	16.3	18.1	16.3	16.2	14.5	14.3	14.5	14.4	12.1	12.1
21MAY74	16.4	17.1	16.9	18.1	17.1	18.0	16.0	16.3	16.5	16.6	16.7	16.7
28MAY74	18.5	18.2	17.5	18.5	17.1	20.6	17.9	18.7	17.7	16.8	17.0	15.2
04JUN74	18.1	20.2	21.2	21.4	19.3	20.6	19.9	19.0	18.8	16.5	16.2	16.1
10JUN74	21.4	21.4	21.1	21.4	20.5	20.8	20.4	21.4	22.1	23.4	22.9	22.2
17JUN74	22.1	22.5	22.8	22.6	21.8	21.3	21.0	20.9	21.1	22.0	21.8	22.2
24JUN74	21.3	20.7	21.1	21.4	20.3	19.9	20.3	21.6	21.9	16.0	.	.
01JUL74	23.7	23.1	22.3	22.8	23.1	23.8	23.9	22.8	23.0	.	.	.
08JUL74	24.1	26.1	26.0	24.8	23.9	24.3	24.5	24.7	25.0	.	.	.
15JUL74	22.6	24.6	25.7	25.1	24.5	24.2	23.7	24.0	24.4	.	.	.
22JUL74	22.7	23.0	23.4	24.4	24.1	23.7	24.0	24.4	25.0	23.2	23.5	24.0
29JUL74	23.5	24.1	24.9	24.4	24.4	24.1	24.2	24.0	24.0	24.0	24.4	24.0
05AUG74	24.1	24.9	25.4	25.3	25.2	24.4	24.8	24.1	24.0	24.6	25.1	24.6
12AUG74	24.4	25.2	25.1	24.9	24.5	25.6	24.6	24.5	24.3	24.1	24.4	24.4
19AUG74	24.6	24.8	25.9	25.5	24.4	24.7	24.8	.	.	.	.	.
26AUG74	25.5	25.9	26.0	25.9	25.2	25.6	26.1	.	.	.	.	.
03SEP74	22.0	22.3	23.4	24.0	24.4	23.9	23.3	.	.	.	.	.
09SEP74	23.8	23.9	23.6	23.7	22.9	23.0	23.3	.	.	.	.	.
16SEP74	22.0	21.9	22.6	22.5	22.1	22.0	21.3	.	.	.	.	.
23SEP74	18.6	19.5	19.9	20.2	19.6	19.2	19.3	.	.	.	.	.
30SEP74	19.6	18.1	16.8	18.8	19.2	19.2	19.0	.	.	.	.	.
07OCT74	17.8	17.1	17.2	17.5	17.6	17.1	16.8	.	.	.	.	.
14OCT74	16.1	16.1	17.3	18.0	18.1	18.0	17.4	.	.	.	.	.
21OCT74	14.0	14.9	15.0	15.8	15.5	14.2	14.1	.	.	.	.	.
28OCT74	12.5	15.4	16.2	15.5	14.1	13.8	13.3	.	.	.	.	.
05NOV74	14.5	14.3	14.0	14.4	14.2	13.9	13.2	.	.	.	.	.
11NOV74	13.0	13.5	14.1	13.9	13.7	13.0	12.5	.	.	.	.	.
18NOV74	12.8	12.5	12.4	12.5	12.3	11.6	11.2	.	.	.	.	.
24NOV74	10.9	10.7	9.8	9.6	9.1	7.7	8.1	.	.	.	.	.
02DEC74	7.7	7.3	7.0	7.6	8.0	7.1	6.9	.	.	.	.	.
09DEC74	6.0	5.4	4.7	4.7	4.3	3.7	2.8	.	.	.	.	.

Table D-3. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1975

DATE	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	REGIONS											
													AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL
11MAR75	4.9	4.0	3.8	3.0	4.5	4.8	3.0	.	.	.	.	.												
24MAR75	7.0	6.2	5.7	6.8	7.1	6.1	6.8	.	.	.	.	.												
07APR75	6.5	6.0	6.0	4.3	4.7	5.4	5.4	.	.	.	.	.												
21APR75	8.3	7.8	8.5	8.8	7.7	8.4	8.5	8.7	8.8	9.2	8.9	8.0												
05MAY75	11.7	12.5	12.3	11.8	11.9	11.7	12.0	12.9	12.6	12.3	12.4	11.0												
12MAY75	15.4	15.7	15.4	14.0	14.6	14.0	14.6	15.1	14.3	14.2	14.3	13.4												
19MAY75	17.6	18.0	18.2	18.1	18.9	19.6	18.8	18.2	20.2	19.7	19.3	18.0												
26MAY75	17.7	19.5	20.0	18.4	19.0	19.8	20.5	21.2	21.3	21.1	21.0	20.5												
02JUN75	20.0	20.3	20.2	20.0	19.9	20.1	20.7	21.5	22.0	22.0	22.0	22.0												
09JUN75	19.9	19.9	19.9	20.7	20.6	20.7	21.0	20.2	20.0	19.0	18.0	17.6												
16JUN75	21.6	21.7	21.8	21.9	21.7	22.1	21.4	21.1	21.0	21.2	20.0	20.0												
23JUN75	23.9	24.2	24.1	24.2	23.6	23.9	23.2	24.2	24.5	23.9	24.6	24.7												
30JUN75	23.0	23.3	22.9	23.1	22.1	22.9	22.9	22.8	23.0	22.9	23.2	24.2												
07JUL75	23.1	24.0	24.4	24.6	24.1	24.3	24.8	25.6	26.7	26.1	27.7	27.1												
14JUL75	23.6	24.1	24.3	24.7	24.5	24.7	24.4	25.3	25.5	25.7	25.6	25.9												
21JUL75	26.3	26.3	25.9	25.7	25.5	25.5	25.6	25.2	25.6	25.4	25.2	25.6												
28JUL75	25.5	24.4	25.3	24.9	24.9	24.6	24.8	25.4	26.3	26.6	26.5	24.8												
11AUG75	24.6	24.9	25.5	25.1	26.1	24.7	24.0	23.7	24.2	24.2	21.9	21.9												



Table D-4. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1976

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
23FEB76	2.2	2.7	1.7	1.3	0.8	0.8	2.2	.	.	.	.	.	
01MAR76	5.0	3.9	2.3	2.8	2.3	2.5	2.7	.	.	.	.	.	
08MAR76	3.5	3.1	3.0	3.0	3.0	3.1	2.8	.	.	.	.	.	
22MAR76	6.1	5.9	5.1	4.5	4.1	5.9	5.0	.	.	.	.	.	
05APR76	7.4	7.6	8.2	8.0	7.8	8.0	7.5	.	.	.	.	.	
19APR76	11.9	11.8	11.3	11.1	11.0	10.9	10.2	10.8	11.0	11.7	12.6	12.6	
26APR76	11.0	10.5	11.0	11.2	11.1	11.7	12.6	13.0	12.8	13.0	12.5	11.7	
03MAY76	13.1	12.4	12.1	12.9	13.5	13.1	12.8	11.7	11.2	11.2	11.0	10.3	
10MAY76	15.4	15.7	15.3	14.3	14.0	14.1	14.0	13.8	14.0	14.0	13.8	13.0	
17MAY76	17.0	16.8	16.0	14.0	14.5	14.5	14.3	14.1	14.0	15.4	16.3	16.0	
24MAY76	16.0	16.5	16.3	15.2	15.0	15.0	13.9	12.5	12.0	12.4	12.2	12.0	
01JUN76	17.0	17.0	16.6	15.4	14.9	15.1	15.6	15.8	16.2	16.0	16.3	16.1	
07JUN76	18.0	18.4	18.7	17.1	17.0	17.2	18.1	18.7	20.2	20.1	20.7	21.0	
14JUN76	20.0	19.8	19.6	19.4	19.6	20.3	20.1	21.4	21.7	21.3	21.6	22.0	
21JUN76	22.8	22.7	22.7	22.0	21.2	22.7	23.5	23.4	24.2	23.8	23.8	24.0	
28JUN76	23.1	23.3	23.2	23.0	23.5	23.8	24.4	24.9	24.9	25.1	25.0	24.9	
06JUL76	24.0	24.3	24.8	25.1	25.0	25.0	24.8	24.0	23.8	23.5	23.5	23.2	
12JUL76	23.3	23.3	24.0	24.5	24.5	24.5	24.2	24.0	23.9	23.7	23.7	24.2	
26JUL76	21.6	22.8	24.2	25.0	24.9	25.3	24.7	23.5	23.2	22.5	22.6	23.0	
10AUG76	24.0	24.6	23.9	24.0	23.8	23.4	22.9	22.3	21.6	21.2	21.0	21.0	



Table D-6. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1978

DATE	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
28MAR78	4.2	3.7	3.8	3.2	4.0	6.6	7.1	.	.	.	.	.
10APR78	9.2	7.5	8.2	8.3	8.3	8.0	7.3	.	.	.	.	.
17APR78	10.3	10.1	8.6	8.3	8.2	8.1	8.5	7.6	7.6	8.4	7.2	6.7
24APR78	10.9	11.0	10.7	10.3	10.1	10.5	9.9	9.6	9.4	9.0	8.9	9.0
01MAY78	11.8	11.8	11.8	11.1	10.7	10.9	10.9	11.2	10.9	11.0	9.4	8.5
08MAY78	13.0	13.0	13.1	13.7	13.1	12.6	12.6	12.8	12.9	13.0	13.2	12.5
15MAY78	13.7	13.6	13.2	13.0	13.4	13.5	13.2	13.5	13.1	13.5	13.3	12.9
22MAY78	16.5	17.2	15.9	16.0	15.7	15.9	15.5	15.4	16.0	16.5	17.0	17.0
30MAY78	21.9	21.6	21.0	20.7	19.3	19.7	20.4	19.8	20.6	21.3	21.6	21.3
05JUN78	19.9	21.3	20.4	20.3	20.1	21.1	20.1	21.1	21.4	20.8	20.8	20.2
12JUN78	20.8	20.9	20.1	20.6	20.6	20.0	22.2	20.7	20.6	21.2	21.1	20.5
19JUN78	22.0	23.3	22.6	22.6	22.4	23.1	23.8	22.2	21.1	22.1	21.5	21.2
26JUN78	22.8	23.8	24.1	23.6	23.1	23.3	22.3	23.0	23.0	22.4	22.0	22.2
05JUL78	22.0	22.1	23.6	23.7	23.4	23.5	22.7	22.3	22.1	21.4	22.3	23.7
17JUL78	24.4	25.6	25.7	24.8	24.5	24.6	25.0	22.9	24.3	25.1	24.2	25.0
31JUL78	22.7	24.0	25.1	25.4	25.1	24.9	24.6	24.4	24.2	23.6	23.2	23.9
14AUG78	25.6	26.3	27.0	26.8	26.3	26.6	26.5	25.3	25.6	25.8	25.5	26.1
21AUG78	26.0	25.9	26.8	25.9	25.1	25.7	25.8	.	.	.	.	.
05SEP78	25.6	24.8	22.5	24.8	24.2	24.8	25.2	.	.	.	.	.
18SEP78	21.9	21.9	22.3	23.3	22.3	22.2	21.4	.	.	.	.	.
02OCT78	18.1	18.3	20.3	20.0	19.5	19.3	19.1	.	.	.	.	.
16OCT78	17.3	15.5	17.1	16.9	18.0	17.8	18.7	.	.	.	.	.
30OCT78	14.7	14.9	15.6	16.0	14.8	13.9	13.3	.	.	.	.	.
13NOV78	13.3	12.5	14.3	14.0	12.6	12.4	11.1	.	.	.	.	.
28NOV78	7.5	7.9	8.1	10.3	10.3	9.9	10.5	.	.	.	.	.
12DEC78	6.2	6.0	6.9	7.2	6.1	5.2	4.3	.	.	.	.	.

Table D-7. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1979

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
19MAR79	5.8	6.9	5.2	3.7	4.9	4.1	4.0	.	.	.	.	.	.
02APR79	7.0	8.4	7.8	7.6	6.5	6.4	5.5	.	.	.	.	.	.
16APR79	8.7	9.0	9.0	8.1	8.2	7.7	8.1	8.1	7.3	7.0	6.5	6.0	6.0
23APR79	12.0	11.7	11.2	10.7	10.7	10.5	11.1	10.7	10.3	10.3	11.3	10.0	10.0
30APR79	13.9	13.6	13.1	12.4	13.2	14.7	14.0	13.8	14.0	13.7	12.6	12.4	12.4
07MAY79	15.8	16.5	16.6	15.7	16.3	17.5	18.0	17.6	17.1	16.2	15.6	14.0	14.0
14MAY79	18.2	18.2	19.1	17.3	16.5	17.3	17.4	16.9	16.8	17.1	17.4	17.0	17.0
21MAY79	18.5	20.2	19.7	19.9	18.1	16.2	16.3	16.6	17.5	20.8	19.1	19.7	19.7
29MAY79	19.8	20.5	20.0	18.5	17.9	20.3	18.9	18.2	17.7	17.5	16.7	16.7	16.7
04JUN79	19.0	20.0	20.7	19.6	19.8	19.3	19.3	18.7	18.7	19.0	18.5	19.5	19.5
11JUN79	20.0	19.3	20.4	20.0	20.0	20.2	20.2	19.6	19.4	19.5	19.5	19.8	19.8
18JUN79	22.4	21.5	21.6	22.3	21.8	21.9	22.0	22.0	21.0	21.6	21.0	21.0	21.0
25JUN79	20.2	21.0	21.0	21.5	21.0	21.0	21.6	21.1	21.3	21.2	20.5	22.0	22.0
02JUL79	21.5	21.9	22.1	21.7	21.3	20.8	21.3	21.5	22.0	22.2	22.5	21.4	21.4
09JUL79	20.8	22.1	22.2	21.9	23.6	22.8	23.0	23.0	22.6	22.3	22.7	23.2	23.2
16JUL79	23.8	24.8	25.3	25.1	24.1	24.5	25.0	25.3	23.4	25.0	27.3	27.5	27.5
23JUL79	25.9	26.0	26.0	26.2	25.8	26.3	26.6	25.9	26.4	26.1	26.3	26.5	26.5
30JUL79	27.0	27.0	27.0	27.1	26.1	26.2	26.8	26.5	26.6	26.8	26.7	27.2	27.2
06AUG79	24.2	25.6	26.4	27.0	27.0	26.5	28.4	28.5	26.0	25.8	26.0	27.5	27.5
13AUG79	22.7	22.4	22.9	22.1	22.4	22.5	24.3	24.0	23.2	23.6	24.0	24.8	24.8
20AUG79	22.0	22.1	22.7	23.4	22.9	23.5	25.3	24.0	23.2	22.9	22.8	22.1	22.1
04SEP79	26.2	25.9	26.5	26.0	26.0	26.0	25.8	25.0	25.5	25.2	25.1	25.0	25.0
17SEP79	22.4	23.0	21.2	21.7	21.8	21.0	21.2	19.9	19.9	20.0	20.0	19.8	19.8
01OCT79	20.0	20.7	21.0	21.3	20.0	20.0	19.3	18.0	17.9	17.9	18.0	17.9	17.9
15OCT79	14.8	15.3	15.8	16.2	14.7	14.7	14.0	12.8	11.2	11.0	10.8	10.5	10.5
29OCT79	13.2	13.0	13.5	14.0	12.9	12.0	12.1	11.6	11.1	10.8	11.3	11.1	11.1
12NOV79	10.0	9.9	10.0	9.5	10.1	10.2	9.4	9.0	9.0	8.6	8.4	9.4	9.4
26NOV79	12.0	10.4	10.2	11.4	11.0	7.4	7.6	8.0	8.2	8.0	8.3	9.0	9.0
10DEC79	6.9	6.5	7.7	7.5	6.0	6.1	5.4	4.4	4.0	3.8	3.3	.	.

Table D-8. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1980

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
17MAR80	4.7	4.2	4.1	3.8	5.6	5.4	4.7	.	.	.	.	.	
31MAR80	6.0	7.3	9.0	5.6	6.2	5.8	6.0	.	.	.	.	.	
14APR80	11.4	9.3	8.9	10.2	10.6	10.5	9.8	.	.	.	.	.	
28APR80	11.1	12.6	12.2	11.9	12.1	12.9	13.2	.	.	.	.	.	
05MAY80	15.0	15.0	14.5	14.1	13.2	14.8	13.6	15.3	15.6	15.8	16.7	14.5	
12MAY80	16.8	16.5	16.8	16.8	15.7	16.2	17.0	16.5	15.8	16.4	16.8	17.4	
19MAY80	17.0	18.0	18.3	19.0	16.0	18.2	18.2	18.2	17.8	17.8	17.8	16.6	
27MAY80	20.0	20.0	18.6	18.8	18.8	20.2	19.3	20.0	19.8	20.2	19.6	19.1	
02JUN80	20.2	20.0	19.3	19.3	18.7	19.3	19.1	19.8	20.3	20.4	20.3	21.0	
09JUN80	19.0	18.7	19.3	19.2	18.4	18.0	18.7	18.1	18.0	17.4	17.7	17.8	
16JUN80	20.9	20.9	22.2	20.9	19.3	20.3	21.0	19.1	20.5	17.9	18.7	19.8	
23JUN80	23.3	23.4	23.2	23.4	21.9	22.8	23.0	21.5	22.6	22.6	22.2	22.3	
30JUN80	22.4	22.6	24.0	23.7	22.7	23.0	22.8	22.1	22.6	22.2	22.5	23.7	
07JUL80	22.9	23.7	25.6	25.8	23.7	23.8	23.0	22.9	23.0	22.7	23.0	23.0	
21JUL80	27.7	27.2	27.4	27.2	26.3	24.1	24.1	24.8	25.5	25.2	26.6	27.5	
04AUG80	27.2	27.9	28.7	28.5	27.1	26.7	26.4	26.2	26.3	25.9	25.9	26.0	
18AUG80	24.2	24.7	24.8	26.0	24.6	25.5	25.6	25.1	24.3	24.9	23.8	24.0	
02SEP80	26.2	26.2	26.7	27.4	26.5	26.2	26.3	25.3	24.9	24.8	25.6	25.9	
15SEP80	23.0	22.9	23.3	23.1	22.0	22.9	23.2	22.5	20.8	20.4	19.9	19.6	
29SEP80	20.0	19.9	21.0	21.8	21.3	20.7	20.9	20.0	18.5	19.2	21.0	21.6	
13OCT80	15.9	15.2	17.1	18.3	17.5	16.4	15.9	14.0	13.5	13.5	14.0	13.5	
27OCT80	12.5	11.5	11.9	13.3	15.1	13.4	11.7	10.1	10.0	11.6	10.3	9.5	
10NOV80	8.4	7.2	9.3	11.2	.	.	.	.	.	.	5.2	5.5	
24NOV80	7.7	7.6	6.2	7.9	.	.	.	.	3.5	3.2	3.5	.	
08DEC80	6.7	6.0	4.7	5.0	.	.	.	.	.	1.6	1.6	1.5	

Table D-9. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1981

DATE	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
04MAY81	12.7	13.7	14.4	14.0	13.8	13.8	14.9	15.4	15.3	15.7	16.4	16.5
11MAY81	14.9	15.5	15.7	15.3	15.7	15.1	15.0	15.0	15.9	15.9	16.3	17.0
18MAY81	15.8	15.9	15.5	16.1	16.4	17.0	15.6	17.0	16.4	14.4	16.0	15.9
21MAY81	16.8	18.5	19.5	19.0	18.9	19.4	19.5	19.2	19.6	19.7	19.7	19.1
01JUN81	17.8	18.9	19.8	19.5	20.1	20.6	20.0	19.7	20.1	20.3	19.9	20.3
08JUN81	19.5	20.9	21.0	21.2	20.9	21.2	21.0	21.1	21.4	21.4	22.0	22.0
15JUN81	22.3	22.8	24.0	22.9	21.9	22.5	22.9	22.5	22.8	22.5	22.5	22.7
22JUN81	22.8	22.8	22.9	23.3	22.6	22.6	21.6	22.0	22.5	22.2	22.7	23.2
29JUN81	22.4	23.4	23.9	23.6	23.3	24.3	23.6	23.8	23.3	23.3	23.0	23.4
06JUL81	24.6	25.2	26.1	25.4	25.1	25.4	24.0	24.2	24.8	24.2	24.3	24.8
10AUG81	24.9	25.4	25.6	26.8	26.5	26.2	25.7	25.5	25.5	25.7	25.2	25.9
24AUG81	22.3	22.4	23.0	24.4	24.4	24.5	24.4	23.8	23.2	22.9	22.4	23.2
08SEP81	22.5	21.9	19.6	23.2	22.5	23.0	22.8	20.3	20.5	20.9	22.3	22.1
21SEP81	19.7	19.4	19.5	20.2	19.5	20.0	20.0	19.4	18.7	18.8	18.8	19.0
05OCT81	16.2	16.2	16.3	16.7	16.9	17.3	16.9	16.4	14.9	14.0	13.9	13.2
19OCT81	14.2	13.4	14.2	15.4	11.9	13.2	13.2	12.0	9.1	9.9	10.9	11.1

Table D-10. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1982

DATE	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
10MAY82	14.2	14.3	15.4	15.0	13.3	13.4	13.2	13.1	13.0	13.0	13.0	13.1
17MAY82	15.5	16.0	17.3	15.2	18.7	16.6	15.6	15.7	16.3	16.5	16.7	16.5
24MAY82	16.0	16.7	15.7	15.9	17.0	17.1	17.1	17.5	17.6	17.2	17.2	17.8
01JUN82	18.1	18.9	18.6	17.9	18.6	18.6	18.7	19.2	19.6	20.1	19.7	19.6
07JUN82	18.5	19.2	18.3	18.7	19.1	19.4	18.5	17.6	16.7	16.9	17.3	16.6
14JUN82	18.7	19.8	19.3	19.1	18.6	18.4	18.2	17.8	17.7	17.3	17.4	17.3
21JUN82	20.5	21.1	20.8	20.3	20.1	20.1	19.6	20.2	20.1	20.1	19.9	20.2
28JUN82	21.9	22.5	22.7	21.8	21.5	21.4	21.3	21.4	21.8	21.8	22.1	21.9
06JUL82	20.8	22.9	22.9	22.5	22.4	23.0	23.1	22.4	22.0	21.9	21.9	21.6
12AUG82	24.4	25.2	26.1	26.2	25.7	25.7	25.9	25.1	24.7	25.0	25.3	25.9
23AUG82	23.0	23.4	24.8	30.7	28.7	27.0	26.7	25.4	24.8	24.6	25.1	25.2
05SEP82	21.5	22.1	22.3	23.0	23.1	23.0	23.1	21.9	21.7	21.7	21.8	21.6
20SEP82	20.1	20.1	21.4	22.1	22.0	21.9	22.1	20.9	20.4	19.7	19.5	20.4
04OCT82	19.7	19.7	20.2	20.1	20.4	20.7	20.2	19.1	18.7	18.5	18.8	19.0

Table D-11. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1983

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
02MAY83	12.7	12.6	12.9	10.5	12.5	13.4	13.2	12.9	12.4	12.2	12.0	12.2	
09MAY83	12.8	12.7	13.3	13.3	12.8	12.9	12.6	12.5	11.6	11.6	11.5	11.4	
16MAY83	13.5	14.0	13.9	13.6	13.2	12.9	12.6	12.5	12.1	12.1	12.3	12.5	
23MAY83	13.7	14.0	14.1	13.8	13.9	14.9	14.7	14.9	14.8	15.0	15.1	14.8	
31MAY83	14.2	14.0	14.0	14.0	14.3	14.4	13.6	12.8	13.2	13.1	14.1	11.8	
06JUN83	19.1	18.9	18.5	18.1	18.3	17.9	17.5	17.6	17.5	17.5	14.9	15.7	
13JUN83	21.7	22.2	21.1	20.7	20.7	20.6	20.4	20.7	20.5	20.8	20.6	20.5	
20JUN83	24.9	24.0	24.3	22.7	22.1	22.3	22.1	22.6	23.4	23.4	24.2	24.7	
26JUN83	27.2	26.3	25.7	24.2	22.9	23.2	23.5	23.6	24.0	24.6	25.0	25.7	
03JUL83	22.8	23.8	24.8	25.1	24.0	24.5	24.5	24.1	23.4	23.7	23.7	23.6	
08AUG83	26.5	26.4	26.4	26.0	28.7	28.1	27.5	26.5	27.0	27.3	27.7	28.4	
22AUG83	29.9	25.4	25.8	25.8	26.2	26.7	26.2	25.2	24.9	24.9	24.9	24.7	
06SEPP83	24.9	26.5	26.7	26.5	26.1	26.0	24.6	23.6	23.0	23.6	25.0	26.1	
19SEPP83	28.6	28.1	28.3	27.1	26.8	26.0	25.4	23.8	23.1	22.4	22.8	23.5	
03OCT83	22.4	23.7	22.0	20.9	20.6	20.4	19.3	18.8	19.1	19.7	20.9	20.5	
17OCT83	17.0	17.2	18.2	22.1	21.4	19.6	20.0	19.6	19.2	19.3	19.7	19.0	



Table D-12. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1984

DATE	REGIONS													
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL		
08MAY84	13.3	13.7	13.6	14.5	13.9	14.0	14.0	13.8	13.0	12.1	12.2	12.1		
14MAY84	13.3	13.8	14.5	14.3	13.4	13.0	13.1	13.0	13.0	13.0	12.3	11.9		
21MAY84	14.2	15.8	16.1	15.4	15.8	15.6	14.2	14.0	14.3	14.8	14.6	14.8		
30MAY84	16.6	16.5	15.8	14.7	14.0	13.6	13.6	13.1	13.0	13.0	12.8	12.3		
04JUN84	16.2	16.2	15.9	15.4	15.5	15.2	14.6	14.6	15.0	15.1	14.9	15.1		
11JUN84	18.9	20.6	19.9	18.8	18.8	19.2	18.8	20.4	21.2	21.5	22.7	23.6		
18JUN84	20.0	20.6	20.2	21.0	20.4	20.8	20.8	21.9	22.1	22.3	22.9	23.1		
25JUN84	20.5	21.4	22.0	22.4	21.2	21.3	22.9	23.5	23.5	23.1	23.6	23.9		
03JUL84	22.7	23.1	23.3	23.0	22.8	23.4	24.1	24.1	24.2	24.6	25.0	25.2		
09JUL84	22.8	23.4	23.3	23.8	23.3	23.7	24.1	23.5	23.5	23.2	23.0	22.5		
16JUL84	24.6	25.5	25.6	25.5	25.0	25.0	24.5	24.8	25.0	25.0	25.0	25.2		
30JUL84	23.0	23.2	23.2	25.0	24.9	25.1	25.3	25.0	25.1	25.2	26.1	25.9		
13AUG84	24.7	26.6	27.0	27.3	26.8	27.1	26.9	26.8	26.9	26.8	26.9	27.3		
27AUG84	24.3	24.9	25.9	25.9	25.6	25.5	25.6	24.9	24.6	24.1	24.1	24.0		
10SEP84	23.6	22.9	24.5	24.6	23.8	23.6	23.4	22.4	22.0	22.0	22.0	21.9		
24SEP84	22.3	23.5	20.9	21.6	21.1	21.1	21.3	20.6	19.9	20.1	20.2	20.1		
08OCT84	16.5	16.7	18.1	18.5	18.0	18.0	17.4	16.3	16.0	15.8	15.8	15.1		
22OCT84	17.1	17.4	17.5	17.6	17.7	17.8	17.3	16.0	15.9	15.9	15.7	16.0		

Table D-13. Mean water temperature (°C) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1985

DATE	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
29APR85	12.6	12.8	12.8	12.6	12.2	12.3	12.2	12.5	13.5	13.6	13.7	14.0
06MAY85	12.9	13.8	14.2	13.8	13.4	13.7	13.8	14.0	14.1	14.4	14.9	14.7
13MAY85	15.7	17.5	17.9	16.5	15.6	16.1	15.9	15.8	17.1	17.7	17.5	17.4
20MAY85	17.0	17.7	18.0	17.7	17.0	17.2	17.3	17.5	17.7	17.9	18.1	17.5
28MAY85	19.3	19.9	20.0	19.3	19.0	19.0	18.9	19.0	19.3	19.5	19.4	19.7
03JUN85	19.9	20.4	20.9	20.9	19.9	19.7	19.7	19.7	20.0	20.2	20.5	20.2
10JUN85	20.3	20.9	21.1	20.6	20.0	20.0	20.7	20.5	20.5	20.3	20.6	20.6
17JUN85	20.2	21.4	21.4	20.9	20.7	21.0	21.1	20.7	20.8	21.2	21.6	20.7
24JUN85	21.8	22.2	22.2	21.6	20.9	21.3	21.4	21.5	21.9	22.0	22.0	22.2
01JUL85	19.9	21.4	22.0	21.7	21.1	21.8	22.3	21.8	21.8	22.4	22.6	22.2
08JUL85	22.6	23.0	23.3	23.4	22.8	23.0	23.6	23.0	23.7	24.5	25.0	25.3
22JUL85	25.0	24.8	25.9	25.9	25.0	25.4	24.7	24.8	25.2	25.4	25.2	25.9
05AUG85	23.9	24.4	25.5	25.3	24.8	25.1	24.7	24.2	24.1	24.0	24.9	24.7
19AUG85	24.4	24.6	25.2	25.2	24.9	25.0	25.5	25.0	24.9	25.0	25.0	25.9
03SEP85	22.9	23.9	25.0	24.1	23.9	24.1	23.9	24.5	23.7	23.5	23.9	23.1
16SEP85	20.6	20.4	21.8	22.2	22.5	23.0	22.6	22.0	21.3	20.7	20.6	20.9
30SEP85	19.9	19.9	20.7	20.9	21.3	21.2	21.3	20.2	19.9	19.6	20.1	19.4
14OCT85	17.2	17.2	19.0	17.9	17.0	18.2	18.0	16.8	16.1	15.8	15.6	15.3
28OCT85	15.8	14.9	15.4	16.6	15.3	15.2	14.9	13.8	12.8	12.6	12.6	12.1
10NOV85	13.6	13.7	14.7	14.4	13.1	12.8	11.8	10.2	10.0	9.9	9.4	8.9









Table D-18. Mean salinity (ppt) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1978

DATE	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
28MAR78	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10APR78	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17APR78	1.3	0.6	1.1	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24APR78	3.5	2.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01MAY78	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08MAY78	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15MAY78	3.7	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22MAY78	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30MAY78	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05JUN78	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12JUN78	2.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19JUN78	8.5	3.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26JUN78	7.7	2.7	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05JUL78	8.3	6.4	3.8	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17JUL78	14.1	8.6	5.1	3.9	1.1	0.4	0.1	0.1	0.1	0.0	0.0	0.0
31JUL78	11.0	5.1	5.3	4.6	1.5	0.6	0.0	0.0	0.1	0.1	0.1	0.1
14AUG78	14.8	8.8	3.8	2.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
21AUG78	5.6	6.0	3.8	3.4	0.4	0.1	0.0	0.1	0.0	0.0	0.0	0.0
05SEP78	10.8	7.6	5.9	4.9	2.1	0.7	0.1	0.1	0.1	0.1	0.1	0.1
18SEP78	9.5	6.4	4.4	2.8	1.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1
02OCT78	10.9	9.4	5.8	4.7	3.4	0.9	0.1	0.1	0.1	0.1	0.1	0.1
16OCT78	8.6	6.3	3.8	3.6	1.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
30OCT78	9.2	5.7	2.7	1.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
13NOV78	7.8	5.5	2.5	1.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28NOV78	10.2	8.5	6.5	4.4	3.0	0.7	0.1	0.1	0.1	0.1	0.1	0.1
12DEC78	7.5	2.9	2.1	1.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0









Table D-22. Mean salinity (ppt) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1982

DATE	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
10MAY82	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17MAY82	3.1	2.7	2.7	1.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
24MAY82	9.2	6.1	3.8	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01JUN82	0.9	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07JUN82	1.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14JUN82	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21JUN82	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28JUN82	6.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06JUL82	7.3	3.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12AUG82	13.9	7.6	4.8	3.2	1.6	0.2	0.0	0.0	0.1	0.0	0.1	0.1
23AUG82	11.6	6.6	4.1	2.1	0.8	0.4	0.1	0.1	0.1	0.1	0.1	0.1
05SEP82	14.0	7.8	5.3	3.2	2.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0
20SEP82	11.9	6.6	5.4	3.5	1.9	1.2	0.2	0.1	0.1	0.1	0.1	0.1
04OCT82	10.6	8.5	6.3	5.4	2.8	1.8	0.7	0.0	0.0	0.0	0.0	0.0

Table D-23. Mean salinity (ppt) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1983

DATE	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
02MAY83	3.6	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09MAY83	4.7	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16MAY83	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23MAY83	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31MAY83	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06JUN83	2.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13JUN83	5.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20JUN83	8.2	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26JUN83	9.6	3.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03JUL83	10.8	6.7	2.6	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08AUG83	8.8	8.7	5.7	4.9	1.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0
22AUG83	8.6	9.8	6.9	4.5	3.4	1.4	0.2	0.1	0.0	0.0	0.0	0.0
06SEP83	15.4	8.7	7.4	1.3	0.9	1.0	0.2	0.0	0.0	0.0	0.0	0.0
19SEP83	9.3	8.1	5.8	5.6	3.2	2.1	0.5	0.1	0.1	0.1	0.1	0.0
03OCT83	14.1	9.2	6.6	4.8	3.2	2.1	0.5	0.1	0.1	0.1	0.1	0.1
17OCT83	18.1	10.3	7.0	3.8	2.4	1.5	0.4	0.1	0.1	0.1	0.1	0.1

Table D-24. Mean salinity (ppt) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1984

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
08MAY84	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14MAY84	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21MAY84	4.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30MAY84	3.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
04JUN84	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11JUN84	7.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18JUN84	6.5	1.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25JUN84	12.1	6.1	3.3	2.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
03JUL84	7.3	4.6	2.9	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
09JUL84	6.6	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16JUL84	4.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30JUL84	9.9	7.1	6.0	3.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
13AUG84	10.4	6.5	5.3	2.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
27AUG84	11.8	8.3	4.7	3.5	2.2	1.4	0.1	0.0	0.0	0.0	0.0	0.0	
10SEP84	11.2	8.2	5.5	3.6	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	
24SEP84	10.9	6.8	5.8	2.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
08OCT84	13.6	8.7	5.4	4.0	2.3	0.8	0.0	0.1	0.1	0.1	0.1	0.1	
22OCT84	12.8	9.1	6.7	5.6	2.6	1.6	0.5	0.0	0.0	0.0	0.0	0.0	

Table D-25. Mean salinity (ppt) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1985

DATE	YK	TZ	CH	IP	REGIONS										
					WP	CW	PK	HP	KG	SG	CS	AL			
29APR85	7.7	5.3	3.7	3.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06MAY85	11.7	7.8	4.7	2.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13MAY85	10.8	5.5	2.4	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20MAY85	10.5	6.8	3.9	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28MAY85	9.0	6.2	3.8	2.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03JUN85	9.7	6.6	4.6	1.8	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10JUN85	11.9	6.2	3.7	1.7	2.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17JUN85	14.2	.	5.5	3.5	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24JUN85	11.3	6.6	.	1.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01JUL85	16.7	8.4	5.6	4.5	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08JUL85	12.1	7.0	4.4	3.0	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22JUL85	12.1	8.7	.	4.5	1.8	1.2	0.1	.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05AUG85	11.3	7.9	6.5	3.5	1.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19AUG85	12.2	9.9	6.2	5.4	3.5	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03SEP85	12.6	8.8	6.4	4.5	2.6	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16SEP85	12.2	9.9	6.9	5.2	2.6	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30SEP85	9.6	7.3	4.8	2.3	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14OCT85	12.6	7.3	4.7	2.5	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28OCT85	8.3	5.1	3.2	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10NOV85	18.3	10.4	5.2	4.4	2.0	1.6	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0

Table D-26. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1974

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
16APR74	.	.	.	.	.	.	11.2	11.1	11.0	11.0	10.9	.	
23APR74	.	.	.	9.6	9.9	10.0	9.7	9.4	9.1	10.2	10.2	10.2	
29APR74	8.7	9.3	9.5	9.6	8.7	8.8	9.5	9.9	8.5	8.9	9.2	9.0	
06MAY74	9.1	9.9	9.8	9.5	9.7	9.6	9.4	9.4	9.2	8.8	8.8	9.7	
13MAY74	6.7	7.2	8.4	8.8	8.9	8.1	9.0	8.8	8.7	8.0	9.7	9.7	
21MAY74	7.0	10.0	9.9	9.0	9.0	8.6	8.9	8.4	8.3	9.0	8.2	9.3	
28MAY74	7.2	9.4	8.6	7.9	8.3	7.1	5.8	6.2	5.7	8.0	8.9	9.9	
04JUN74	7.2	9.9	9.4	7.6	7.9	7.5	7.2	7.7	8.1	9.2	8.8	9.3	
10JUN74	7.2	8.1	7.8	8.0	7.9	7.9	7.7	8.4	9.1	6.7	7.9	6.1	
17JUN74	4.1	6.5	7.1	7.1	7.8	8.2	7.8	7.6	7.9	8.0	7.9	5.1	
24JUN74	5.3	6.5	6.9	7.0	7.9	8.1	7.4	6.3	7.1	7.4	.	.	
01JUL74	7.3	8.0	7.5	6.9	6.3	7.1	6.8	6.7	8.1	.	.	.	
08JUL74	8.2	8.9	8.9	7.9	7.4	7.9	7.8	7.4	7.9	.	.	.	
15JUL74	4.3	7.6	6.8	6.5	6.5	8.0	7.9	5.8	7.1	.	.	.	
22JUL74	2.5	7.1	6.7	6.1	6.5	7.4	6.3	6.6	7.0	7.3	8.1	4.7	
29JUL74	5.0	6.9	6.7	6.2	6.6	6.8	7.2	7.1	2.6	6.8	8.5	7.4	
05AUG74	5.1	6.5	6.2	5.8	6.6	6.8	6.7	7.6	7.6	7.8	7.8	5.1	
12AUG74	7.0	7.1	5.7	5.9	6.3	7.0	6.8	6.7	7.7	8.0	7.9	6.1	
19AUG74	4.8	6.2	6.0	5.6	5.6	6.2	5.9	.	.	.	.	.	
26AUG74	3.4	6.1	5.0	5.6	6.2	6.1	7.2	.	.	.	.	.	
03SEP74	6.1	7.2	7.3	5.8	5.0	6.6	6.5	.	.	.	.	.	
09SEP74	4.8	6.9	6.9	6.7	7.2	7.5	7.1	.	.	.	.	.	
16SEP74	5.4	7.3	7.1	1.8	0.0	0.0	1.5	.	.	.	.	.	
23SEP74	6.9	7.7	6.5	6.8	7.6	7.8	7.4	.	.	.	.	.	
30SEP74	6.0	7.7	7.8	7.2	7.8	8.1	7.9	.	.	.	.	.	
07OCT74	7.0	8.4	8.5	8.0	8.2	8.8	8.6	.	.	.	.	.	
14OCT74	7.3	8.9	8.6	8.3	8.3	8.9	8.9	.	.	.	.	.	
21OCT74	9.3	9.3	9.5	9.2	9.4	9.3	9.3	.	.	.	.	.	
28OCT74	5.9	8.0	8.5	8.8	9.3	9.6	9.5	.	.	.	.	.	
05NOV74	7.1	8.3	9.5	9.2	9.7	9.9	10.2	.	.	.	.	.	
11NOV74	8.5	9.1	9.7	9.3	9.5	10.3	10.5	.	.	.	.	.	
18NOV74	10.2	11.0	10.9	10.8	11.0	10.9	10.8	.	.	.	.	.	
24NOV74	9.6	10.3	10.4	10.7	11.3	10.6	11.5	.	.	.	.	.	
02DEC74	11.3	11.4	11.2	10.9	10.6	11.0	11.0	.	.	.	.	.	
09DEC74	12.4	12.2	11.9	11.8	12.9	13.2	13.5	.	.	.	.	.	

Table D-27. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1975

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
11MAR75	10.0	11.3	11.8	11.8	11.4	11.3	11.8	.	.	.	.	.	
24MAR75	11.1	11.5	11.7	11.7	11.4	10.9	10.9	.	.	.	.	.	
07APR75	11.2	11.6	11.3	11.6	11.9	11.8	11.7	.	.	.	.	.	
21APR75	11.2	11.4	11.3	10.8	11.0	10.9	10.8	10.7	10.7	10.6	10.8	11.8	
05MAY75	9.9	9.6	10.1	10.1	9.5	10.0	10.6	10.4	10.0	9.9	10.0	10.7	
12MAY75	8.8	10.3	10.2	10.5	10.1	10.1	9.8	9.8	10.0	10.1	10.2	10.4	
19MAY75	8.3	9.7	9.5	8.9	9.3	10.0	10.0	10.0	9.2	9.2	8.8	8.7	
26MAY75	7.7	9.3	9.3	8.7	8.9	9.4	8.7	8.5	8.8	9.3	8.8	8.2	
02JUN75	9.6	8.7	9.1	9.4	9.5	8.7	8.6	8.5	8.4	8.2	6.5	6.2	
09JUN75	5.9	6.2	6.9	6.9	7.6	7.8	7.4	.	.	.	.	.	
16JUN75	6.7	7.7	8.0	7.4	6.9	6.5	7.1	8.5	8.8	8.5	8.2	8.2	
23JUN75	6.3	7.3	7.5	7.3	6.4	6.1	7.4	9.4	7.6	8.2	7.4	7.1	
30JUN75	7.9	7.7	8.6	6.9	7.3	8.2	7.8	8.1	8.6	8.7	9.1	5.6	
07JUL75	4.2	6.8	7.6	6.3	5.6	6.9	7.4	7.7	8.5	8.4	8.3	5.2	
14JUL75	5.9	6.7	6.2	6.7	7.3	7.6	7.3	7.2	7.0	7.0	6.6	5.3	
21JUL75	6.2	7.3	7.2	6.9	.	.	6.4	7.4	8.4	8.2	6.8	5.6	
28JUL75	6.7	6.8	7.4	7.4	7.3	7.3	7.4	7.7	8.1	7.5	7.6	7.6	
11AUG75	5.5	6.1	5.6	6.1	6.0	6.1	7.4	7.8	8.2	7.4	8.0	7.6	



Table D-28. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1976

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
23FEB76	.	.	.	.	12.8	12.9	12.6	.	.	.	.	.	
01MAR76	12.0	12.7	12.6	12.6	13.1	12.9	12.8	.	.	.	.	.	
08MAR76	11.4	11.5	12.4	12.0	12.2	12.2	13.6	.	.	.	.	.	
22MAR76	11.9	11.9	11.7	11.9	12.0	12.0	12.8	.	.	.	.	.	
05APR76	.	11.6	11.4	12.3	12.4	11.3	12.1	.	.	.	.	.	
19APR76	12.0	11.3	11.6	11.6	11.4	11.1	11.5	11.5	11.5	11.5	11.1	11.2	
26APR76	9.2	10.3	10.3	10.1	10.7	9.4	9.9	9.7	9.6	8.8	9.4	10.3	
03MAY76	10.5	10.6	10.0	9.6	9.4	9.3	9.5	9.9	10.1	10.1	10.1	10.4	
10MAY76	9.2	9.8	9.4	9.6	9.6	9.9	9.7	9.9	10.4	10.3	10.3	10.8	
17MAY76	9.6	10.1	9.7	9.4	9.5	9.7	9.6	9.5	9.9	9.5	9.7	9.7	
24MAY76	10.9	10.1	9.3	8.6	8.7	9.1	9.6	9.3	10.6	11.4	11.9	11.8	
01JUN76	9.6	9.7	9.8	10.0	10.3	9.9	9.3	9.2	9.4	9.2	8.9	9.1	
07JUN76	6.3	9.3	9.9	9.5	9.3	9.3	8.4	8.2	9.2	9.7	9.7	9.6	
14JUN76	7.6	9.3	9.5	8.8	8.3	8.3	8.7	8.8	8.8	8.7	8.3	8.1	
21JUN76	8.1	9.0	9.2	9.2	8.6	8.2	8.0	7.7	7.7	7.9	6.4	6.3	
28JUN76	6.6	8.1	7.7	7.6	8.0	7.2	6.9	6.7	7.2	7.6	6.9	7.1	
06JUL76	5.4	7.6	7.6	7.0	6.1	6.1	6.9	6.4	6.0	6.6	7.4	7.5	
12JUL76	6.8	7.8	7.8	7.4	6.8	6.5	6.8	7.8	8.4	8.3	7.8	7.3	
26JUL76	5.3	8.3	7.5	7.0	7.5	7.9	7.4	8.7	9.2	8.9	7.2	6.7	
10AUG76	7.2	7.0	6.8	6.4	6.8	6.9	7.3	7.9	8.0	8.3	7.7	.	



Table D-30. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1978

DATE	REGIONS													
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL		
28MAR78	12.2	12.3	12.2	12.7	12.9	12.5	12.3	.	.	.	.	.		
10APR78	10.4	11.2	9.0	9.4	10.2	12.8	12.9	.	.	.	.	12.7		
17APR78	10.6	10.7	11.2	11.2	11.6	11.9	10.9	11.7	11.9	12.3	12.3	11.6		
24APR78	9.9	9.7	9.9	10.4	10.5	10.2	10.4	11.2	11.2	11.5	11.4	11.6		
01MAY78	7.7	9.8	9.0	10.2	10.2	10.3	10.4	10.8	11.3	9.9	12.0	12.3		
08MAY78	8.8	9.4	9.0	9.6	9.5	9.6	8.9	10.0	10.1	9.9	10.0	11.0		
15MAY78	8.4	9.1	9.3	9.7	9.6	9.3	9.2	9.5	9.4	9.2	9.8	10.2		
22MAY78	7.0	8.9	8.2	9.3	9.1	9.0	8.8	8.6	8.8	8.3	8.5	9.2		
30MAY78	9.0	11.3	10.4	9.1	8.4	8.5	8.4	8.4	8.8	8.7	8.2	7.8		
05JUN78	7.4	8.6	9.4	8.0	7.6	8.2	8.4	8.2	7.8	.	.	.		
12JUN78	7.6	8.3	8.3	8.2	8.1	8.3	7.3	7.2	7.1	7.2	7.5	8.0		
19JUN78	5.4	6.5	6.9	7.3	7.0	7.4	6.5	7.5	8.5	8.4	7.6	7.6		
26JUN78	6.1	6.9	7.2	6.8	7.4	7.5	6.9	7.8	7.8	7.8	7.8	7.8		
05JUL78	6.9	5.9	6.6	6.6	6.8	.	7.9	.	8.8	6.4	7.8	11.6		
17JUL78	3.6	5.8	7.8	6.3	4.7	6.8	8.0	7.2	8.0	8.3	7.8	5.8		
31JUL78	5.0	6.7	6.8	6.0	6.3	6.8	6.4	7.7	7.7	7.8	7.7	6.7		
14AUG78	.	.	6.3	5.7	5.8	6.3	.	6.2	7.2	8.0	7.6	6.0		
21AUG78	5.2	6.3	6.3	6.3	6.5	6.7	6.1	.	.	.	.	.		
05SEP78	4.4	4.9	7.2	4.7	4.4	5.0	4.8	.	.	.	.	.		
18SEP78	6.4	7.1	7.0	6.6	.	.	6.6	.	.	.	.	.		
02OCT78	5.7	6.9	6.8	6.6	7.7	8.1	7.9	.	.	.	.	.		
16OCT78	7.4	7.8	8.4	8.0	7.7	8.4	8.6	.	.	.	.	.		
30OCT78	7.5	8.7	8.5	7.4	7.7	8.4	8.8	.	.	.	.	.		
13NOV78	6.7	8.9	7.8	9.0	.	7.9	7.9	.	.	.	.	.		
28NOV78	8.5	9.1	10.1	10.5	9.5	9.7	10.0	.	.	.	.	.		
12DEC78	9.5	9.6	9.4	9.7	10.0	10.6	10.8	.	.	.	.	.		





Table D-33. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1981

DATE	REGIONS													
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL		
04MAY81	7.3	7.4	10.8	10.0	9.8	8.2	9.9	10.5	10.4	10.1	9.0	8.3		
11MAY81	8.0	9.5	10.0	9.8	9.3	.	.	.	.	.	.	.		
18MAY81	8.5	9.5	9.6	9.2	8.2	8.6	9.0	8.4	9.3	10.8	8.4	8.5		
21MAY81	7.3	9.8	8.8	8.3	7.8	7.5	7.2	8.3	9.7	9.9	9.0	8.5		
01JUN81	7.9	9.3	8.6	7.6	6.9	7.1	7.1	9.0	9.9	9.6	10.4	7.4		
08JUN81	6.0	7.9	8.1	7.2	9.0	8.3	8.9	8.7	8.7	9.6	8.1	6.9		
15JUN81	.	.	7.4	6.3	7.6	9.0	.	.	.	.	.	.		
22JUN81	8.1	8.6	7.9	7.5	8.9	7.9	6.8	6.8	7.3	7.7	7.2	6.5		
29JUN81	5.6	7.0	7.9	7.5	7.1	6.0	7.9	6.9	7.9	8.2	7.7	7.1		
06JUL81	7.6	8.3	13.1	5.9	6.3	7.3	6.9	6.6	7.2	7.8	7.8	7.2		
10AUG81	6.8	7.9	5.3	6.0	6.4	6.3	6.4	6.3	7.8	8.8	7.6	8.6		
24AUG81	3.9	6.4	8.5	7.7	8.0	7.9	7.1	8.3	9.7	10.9	12.2	6.8		
08SEP81	6.0	7.1	7.2	6.1	6.6	7.1	6.7	6.7	7.6	7.4	7.4	6.4		
21SEP81	3.7	7.3	7.8	7.7	7.7	7.3	7.1	7.4	8.5	8.3	8.5	7.7		
05OCT81	8.3	9.4	9.5	9.0	9.3	8.5	8.3	8.6	9.4	9.7	9.8	9.8		
19OCT81	6.9	6.5	7.8	8.6	8.8	9.0	9.2	9.5	10.4	10.7	12.0	12.0		

Table D-34. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1982

DATE	REGIONS													
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL		
10MAY82	7.9	7.9	10.2	9.5	8.9	8.7	8.9	8.5	8.9	8.8	9.1	8.8		
17MAY82	8.8	8.1	8.2	8.9	12.0	8.6	8.1	8.3	9.0	8.1	7.5	7.1		
24MAY82	6.7	8.2	8.2	7.8	7.8	8.1	7.8	7.9	7.6	7.0	6.6	6.5		
01JUN82	.	.	.	13.0	11.4	9.7	7.2	7.6	7.4	6.4	6.8	6.3		
07JUN82	7.3	8.1	8.8	8.1	7.9	8.0	7.7	7.4	7.4	7.4	.	.		
14JUN82	9.1	8.6	9.4	8.5	8.1	7.4	6.9	7.5	10.5	8.5	8.4	8.2		
21JUN82	8.5	8.4	7.9	8.2	8.6	8.7	8.7	8.7	.	.	.	.		
28JUN82	6.2	8.0	7.8	7.9	7.6	7.9	8.5	8.4	8.5	10.0	10.8	9.3		
06JUL82	5.8	6.0	6.7	6.7	7.7	8.9	7.8	8.5	8.1	8.6	9.2	7.8		
12AUG82	3.5	5.8	6.4	6.1	6.4	7.2	7.5	7.6	7.8	8.2	8.2	7.2		
23AUG82	5.8	6.9	6.9	6.1	7.1	7.6	7.1	7.3	7.9	8.6	8.4	7.7		
05SEP82	5.2	6.2	6.7	6.6	6.4	6.7	6.5	7.6	8.5	8.7	8.1	7.0		
20SEP82	5.8	7.3	7.3	6.6	6.8	7.1	6.7	6.9	7.6	7.5	7.8	6.6		
04OCT82	5.9	6.9	7.1	7.5	7.5	7.8	7.5	8.2	8.1	9.1	8.6	7.7		

Table D-35. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1983

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
02MAY83	8.7	8.9	8.7	10.7	10.0	9.4	9.5	9.7	10.1	10.2	10.8	11.0	
09MAY83	8.8	9.0	8.7	9.5	9.5	10.4	10.0	10.3	10.4	10.1	10.5	11.0	
16MAY83	8.8	8.9	8.7	8.7	9.5	10.0	9.9	10.1	9.9	9.9	10.5	11.2	
23MAY83	9.3	9.1	9.0	9.2	9.2	9.6	9.7	9.7	9.5	9.5	9.5	10.3	
31MAY83	10.3	10.0	9.8	9.4	9.2	9.3	9.1	9.2	9.9	9.0	9.1	10.1	
06JUN83	9.4	10.4	8.5	8.3	8.2	8.2	8.8	9.0	9.3	9.6	9.5	9.8	
13JUN83	7.0	8.9	8.8	8.2	7.9	7.8	8.0	8.5	8.9	9.7	8.7	7.9	
20JUN83	4.7	6.7	8.3	8.4	8.1	7.7	7.8	7.4	8.1	8.1	7.1	7.6	
26JUN83	5.0	6.2	7.0	7.5	7.6	7.2	7.1	6.8	7.1	7.7	7.2	6.4	
03JUL83	6.6	8.0	8.0	7.3	8.1	6.8	7.4	7.4	7.6	7.4	7.2	7.3	
08AUG83	7.4	7.4	7.2	7.0	5.2	5.3	5.9	7.2	7.5	8.0	7.0	5.6	
22AUG83	6.5	8.0	7.7	7.5	7.4	7.7	8.2	7.5	6.4	6.3	6.4	5.7	
06SEP83	6.6	6.6	6.6	6.2	6.7	7.0	7.0	6.9	6.9	6.9	7.1	6.4	
19SEP83	8.0	6.6	7.4	7.5	6.6	6.7	6.9	6.8	7.0	7.0	7.1	8.4	
03OCT83	5.9	6.7	6.7	6.7	8.1	7.8	6.8	8.8	9.3	10.2	10.3	10.1	
17OCT83	5.3	7.1	7.0	6.6	6.4	7.2	7.6	7.9	8.3	7.8	7.0	7.1	



Table D-36. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1984

Y

DATE	REGIONS												
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL	
08MAY84	10.0	10.5	11.2	10.1	9.1	9.3	9.0	9.1	9.5	10.2	10.5	10.8	
14MAY84	10.3	10.6	10.3	9.7	9.9	9.6	9.3	9.0	9.2	9.6	10.4	11.1	
21MAY84	9.4	10.4	9.6	9.9	10.1	9.9	9.5	9.9	9.8	9.9	10.2	10.0	
30MAY84	10.2	10.1	10.2	9.9	10.5	10.3	10.7	11.3	11.6	11.8	12.1	12.2	
04JUN84	9.4	9.5	9.9	10.2	9.8	10.3	10.6	10.7	10.7	10.6	10.8	10.8	
11JUN84	7.0	8.7	8.5	8.7	8.7	8.6	9.1	9.1	9.7	10.2	10.0	8.2	
18JUN84	7.4	8.8	9.1	7.9	8.1	8.1	8.0	8.0	7.9	8.2	7.6	7.3	
25JUN84	8.6	9.7	8.8	8.0	8.1	8.0	8.1	8.8	8.9	9.0	8.3	7.4	
03JUL84	7.0	8.2	7.7	7.8	8.0	8.2	7.0	6.8	6.9	7.7	8.7	7.2	
09JUL84	6.8	8.2	7.9	7.9	7.4	7.3	7.7	8.2	7.9	7.8	8.8	8.7	
16JUL84	6.4	7.2	7.2	7.1	7.2	7.7	7.4	7.1	7.9	8.9	8.9	8.2	
30JUL84	5.9	7.1	6.8	5.9	6.3	7.4	7.8	7.9	8.1	8.1	8.3	7.6	
13AUG84	5.5	6.4	5.9	5.6	6.5	6.9	6.6	7.5	7.8	7.7	8.6	6.4	
27AUG84	5.0	7.1	7.5	6.6	6.3	6.3	6.2	7.3	8.2	8.7	9.3	7.9	
10SEP84	7.2	7.8	8.1	7.0	7.0	7.5	7.1	7.6	8.3	8.7	9.5	8.4	
24SEP84	6.9	7.8	7.9	7.4	7.5	7.6	7.4	8.0	8.7	8.7	9.2	8.2	
08OCT84	7.4	9.1	8.4	8.1	7.8	8.1	8.2	9.6	10.2	9.5	9.3	9.5	
22OCT84	7.8	8.9	8.6	8.1	8.2	8.2	8.4	8.9	8.9	9.7	9.6	8.6	

Table D-37. Mean dissolved oxygen (ppm) for each region and week of the Longitudinal River/Fall Shoals Water Quality Survey in 1985

DATE	REGIONS											
	YK	TZ	CH	IP	WP	CW	PK	HP	KG	SG	CS	AL
29APR85	9.8	10.2	10.0	10.3	10.6	10.4	.	11.3	11.1	10.6	9.9	9.4
06MAY85	8.4	9.6	9.7	10.0	10.2	10.6	10.9	10.6	10.6	10.4	8.5	7.9
13MAY85	8.3	9.9	9.6	9.8	10.4	10.7	10.5	9.9	11.0	11.4	10.1	7.2
20MAY85	8.8	10.2	9.7	9.4	10.2	10.6	9.8	9.4	9.7	10.6	8.1	7.9
28MAY85	8.6	8.9	8.7	9.2	9.7	9.9	9.2	8.2	8.9	10.1	9.8	6.4
03JUN85	8.3	9.3	8.6	7.9	7.9	8.4	8.2	8.4	8.7	9.3	10.4	6.9
10JUN85	7.6	8.1	8.4	7.9	7.8	8.5	8.0	8.0	8.6	8.5	8.9	6.7
17JUN85	7.3	8.7	7.8	7.8	7.8	8.4	8.0	7.7	8.6	9.5	9.6	7.6
24JUN85	9.4	10.4	8.6	7.6	7.6	7.9	7.7	8.3	9.2	8.9	9.2	8.1
01JUL85	4.7	6.5	8.5	8.4	7.8	8.1	7.7	8.3	9.5	10.1	10.0	8.9
08JUL85	6.4	7.6	8.1	7.3	7.3	7.7	7.5	7.6	8.3	8.4	7.9	6.6
22JUL85	6.2	7.3	7.8	6.5	6.1	6.3	7.7	8.0	8.9	9.6	8.3	6.7
05AUG85	7.0	8.6	9.8	7.4	7.8	8.2	7.7	7.9	9.6	10.4	9.1	8.0
19AUG85	5.6	6.4	6.2	6.2	6.2	6.3	5.7	6.4	7.5	8.5	7.3	5.2
03SEP85	6.2	7.4	7.0	7.2	7.0	6.9	5.9	6.0	7.3	7.5	6.9	5.7
16SEP85	6.9	8.5	8.6	7.5	7.0	6.9	6.4	6.8	8.1	8.8	8.3	7.4
30SEP85	7.7	8.4	7.3	7.0	7.3	7.4	7.3	7.9	9.1	8.3	7.4	9.1
14OCT85	6.8	8.0	8.1	7.8	7.9	8.1	7.9	8.3	9.5	10.5	9.7	8.6
28OCT85	8.5	9.3	9.0	8.5	8.9	8.9	8.8	9.5	10.1	10.4	10.1	9.8
10NOV85	8.1	9.3	8.0	8.1	8.5	8.7	9.1	9.8	10.7	10.2	10.1	10.5

APPENDIX E

HISTORICAL TEMPORAL INDICES FOR STRIPED BASS  
AND WHITE PERCH  
(1974-1985)

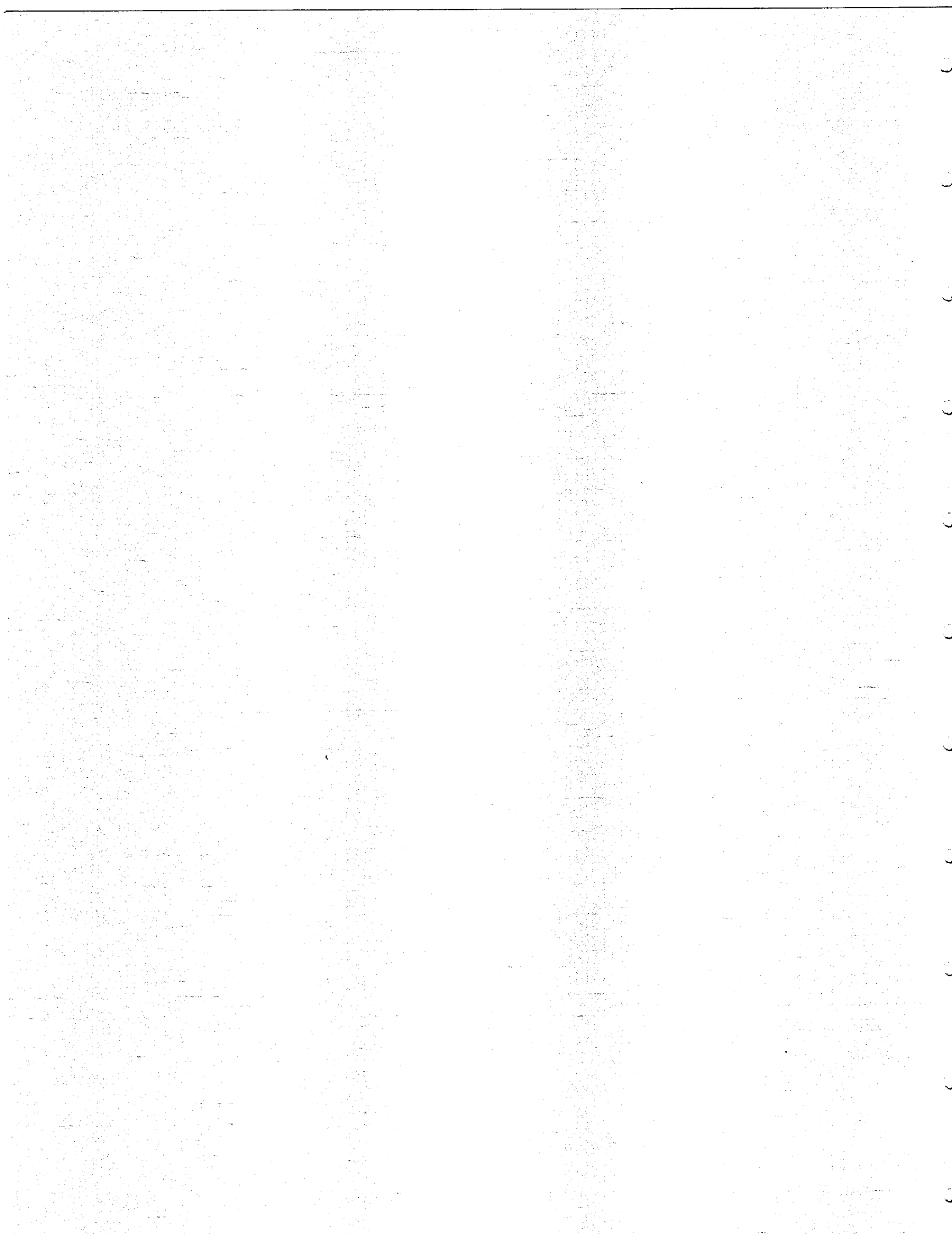


Table E-1. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1974

DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
16APR74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23APR74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29APR74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
06MAY74	0.07	0.01	0.00	0.00	0.00	0.01	0.00	0.00
13MAY74	0.51	0.01	0.00	0.00	0.06	0.05	0.00	0.00
23MAY74	0.29	0.14	0.00	0.00	0.21	0.38	0.03	0.00
30MAY74	0.12	0.55	0.11	0.00	0.31	0.34	0.12	0.00
04JUN74	0.01	0.09	0.07	0.00	0.08	0.05	0.07	0.00
12JUN74	0.00	0.19	0.42	0.00	0.33	0.16	0.46	0.01
17JUN74	0.00	0.01	0.28	0.00	0.00	0.01	0.19	0.00
24JUN74	0.00	0.00	0.08	0.00	0.00	0.00	0.08	0.00
01JUL74	0.00	0.00	0.02	0.03	0.00	0.00	0.01	0.06
08JUL74	0.00	0.00	0.01	0.19	0.00	0.00	0.03	0.04
15JUL74	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.06
22JUL74	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.12
29JUL74	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.41
05AUG74	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.10
12AUG74	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.19

Table E-2. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1975

DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
11MAR75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24MAR75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07APR75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21APR75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05MAY75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12MAY75	0.06	0.00	0.00	0.00	0.08	0.02	0.00	0.00
19MAY75	0.58	0.04	0.00	0.00	0.16	0.42	0.00	0.00
26MAY75	0.33	0.48	0.01	0.00	0.59	0.40	0.20	0.00
02JUN75	0.03	0.47	0.51	0.00	0.08	0.06	0.36	0.00
09JUN75	0.00	0.01	0.42	0.00	0.01	0.05	0.23	0.00
16JUN75	0.00	0.00	0.03	0.00	0.07	0.04	0.05	0.00
23JUN75	0.00	0.00	0.02	0.01	0.00	0.02	0.09	0.00
30JUN75	0.00	0.00	0.01	0.06	0.00	0.00	0.06	0.11
07JUL75	0.00	0.00	0.01	0.20	0.00	0.00	0.02	0.12
14JUL75	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.15
21JUL75	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.10
28JUL75	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.16
11AUG75	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.35

Table E-3. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1976

DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
23FEB76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01MAR76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08MAR76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22MAR76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05APR76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19APR76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26APR76	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00
03MAY76	0.02	0.00	0.00	0.00	0.07	0.03	0.00	0.00
10MAY76	0.24	0.00	0.00	0.00	0.08	0.10	0.00	0.00
17MAY76	0.38	0.26	0.00	0.00	0.30	0.35	0.01	0.00
24MAY76	0.13	0.04	0.00	0.00	0.06	0.10	0.02	0.00
01JUN76	0.09	0.11	0.00	0.00	0.17	0.07	0.01	0.00
07JUN76	0.13	0.22	0.05	0.00	0.26	0.14	0.08	0.00
14JUN76	0.02	0.34	0.48	0.00	0.04	0.18	0.31	0.00
21JUN76	0.00	0.03	0.36	0.00	0.01	0.02	0.37	0.00
28JUN76	0.00	0.00	0.09	0.00	0.00	0.00	0.12	0.00
06JUL76	0.00	0.00	0.02	0.19	0.00	0.00	0.04	0.04
12JUL76	0.00	0.00	0.00	0.24	0.00	0.00	0.03	0.34
26JUL76	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.31
10AUG76	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.31

Table E-4. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1977

DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
21FEB77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07MAR77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21MAR77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04APR77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18APR77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25APR77	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
02MAY77	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09MAY77	0.14	0.05	0.00	0.00	0.15	0.03	0.00	0.00
16MAY77	0.57	0.08	0.00	0.00	0.09	0.14	0.00	0.00
23MAY77	0.20	0.23	0.00	0.00	0.50	0.52	0.04	0.00
31MAY77	0.02	0.47	0.29	0.00	0.12	0.20	0.26	0.00
06JUN77	0.00	0.15	0.42	0.00	0.08	0.09	0.32	0.00
13JUN77	0.00	0.02	0.21	0.00	0.03	0.01	0.25	0.00
20JUN77	0.00	0.00	0.06	0.00	0.01	0.00	0.08	0.00
27JUN77	0.00	0.00	0.02	0.08	0.00	0.01	0.04	0.03
05JUL77	0.00	0.00	0.00	0.12	0.00	0.00	0.01	0.24
11JUL77	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.39
25JUL77	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.25
08AUG77	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.09



Table E-5. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1978

DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
28MAR78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10APR78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17APR78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24APR78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01MAY78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
08MAY78	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00
15MAY78	0.03	0.01	0.00	0.00	0.08	0.09	0.00	0.00
22MAY78	0.73	0.09	0.00	0.00	0.18	0.32	0.02	0.00
30MAY78	0.16	0.32	0.07	0.00	0.60	0.25	0.11	0.00
05JUN78	0.04	0.54	0.41	0.00	0.07	0.23	0.32	0.00
12JUN78	0.00	0.03	0.39	0.00	0.05	0.10	0.37	0.00
19JUN78	0.01	0.00	0.06	0.00	0.01	0.02	0.13	0.02
26JUN78	0.00	0.00	0.02	0.10	0.00	0.00	0.05	0.04
05JUL78	0.00	0.00	0.04	0.36	0.00	0.00	0.00	0.50
17JUL78	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.23
31JUL78	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.17
14AUG78	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.03

Table E-6. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1979

DATE	STRIPED BASS			WHITE PERCH				
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
19MAR79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02APR79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16APR79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23APR79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30APR79	0.01	0.00	0.00	0.00	0.12	0.00	0.00	0.00
07MAY79	0.34	0.01	0.00	0.00	0.06	0.07	0.00	0.00
14MAY79	0.29	0.12	0.00	0.00	0.33	0.35	0.05	0.00
21MAY79	0.17	0.29	0.10	0.00	0.06	0.12	0.11	0.00
29MAY79	0.06	0.37	0.31	0.00	0.25	0.16	0.14	0.00
04JUN79	0.05	0.10	0.17	0.00	0.14	0.20	0.10	0.00
11JUN79	0.02	0.08	0.18	0.00	0.02	0.07	0.23	0.00
18JUN79	0.05	0.03	0.17	0.01	0.01	0.03	0.19	0.06
25JUN79	0.00	0.00	0.05	0.09	0.00	0.00	0.11	0.02
02JUL79	0.00	0.00	0.02	0.03	0.00	0.00	0.05	0.04
16JUL79	0.00	0.00	0.00	0.57	0.00	0.00	0.01	0.18
30JUL79	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.41
13AUG79	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.29

Table E-7. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1980

DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
17MAR80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31MAR80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14APR80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28APR80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05MAY80	0.03	0.00	0.00	0.00	0.14	0.01	0.00	0.00
12MAY80	0.33	0.04	0.00	0.00	0.07	0.28	0.00	0.00
19MAY80	0.53	0.24	0.01	0.00	0.21	0.31	0.07	0.00
27MAY80	0.05	0.38	0.13	0.00	0.15	0.12	0.17	0.00
02JUN80	0.01	0.24	0.39	0.00	0.36	0.17	0.20	0.00
09JUN80	0.01	0.04	0.26	0.00	0.04	0.07	0.19	0.00
16JUN80	0.02	0.06	0.12	0.01	0.03	0.02	0.15	0.00
23JUN80	0.01	0.00	0.06	0.00	0.01	0.01	0.13	0.00
30JUN80	0.00	0.00	0.02	0.99	0.00	0.00	0.09	1.00

YEAR=1980

Table E-8. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1981

DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
04MAY81	0.07	0.01	0.00	0.00	0.62	0.01	0.00	0.00
11MAY81	0.35	0.13	0.00	0.00	0.08	0.30	0.00	0.01
18MAY81	0.51	0.54	0.01	0.00	0.08	0.21	0.15	0.00
21MAY81	0.05	0.16	0.12	0.00	0.06	0.33	0.14	0.00
01JUN81	0.01	0.14	0.28	0.00	0.13	0.14	0.28	0.00
08JUN81	0.00	0.02	0.26	0.00	0.03	0.01	0.24	0.00
15JUN81	0.00	0.01	0.21	0.22	0.00	0.00	0.11	0.20
22JUN81	0.00	0.00	0.11	0.40	0.00	0.00	0.05	0.27
29JUN81	0.00	0.00	0.01	0.29	0.00	0.00	0.02	0.36
06JUL81	0.00	0.00	0.00	0.09	0.00	0.00	0.01	0.15

YEAR=1981

Table E-9. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1982

DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
10MAY82	0.20	0.01	0.00	0.00	0.22	0.06	0.00	0.00
17MAY82	0.27	0.05	0.00	0.00	0.10	0.41	0.02	0.00
24MAY82	0.43	0.52	0.05	0.00	0.11	0.28	0.23	0.00
01JUN82	0.06	0.29	0.49	0.00	0.05	0.04	0.23	0.00
07JUN82	0.01	0.04	0.31	0.00	0.49	0.10	0.17	0.00
14JUN82	0.01	0.04	0.02	0.00	0.03	0.07	0.10	0.00
21JUN82	0.02	0.04	0.04	0.00	0.01	0.03	0.07	0.00
28JUN82	0.00	0.01	0.07	0.08	0.00	0.00	0.12	0.13
06JUL82	0.00	0.00	0.02	0.92	0.00	0.00	0.06	0.87

Table E-10. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1983

DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
02MAY83	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.51
09MAY83	0.01	0.00	0.00	0.00	0.22	0.17	0.00	0.09
16MAY83	0.11	0.03	0.00	0.00	0.24	0.32	0.04	0.00
23MAY83	0.10	0.11	0.00	0.00	0.08	0.26	0.06	0.00
31MAY83	0.72	0.11	0.01	0.00	0.15	0.06	0.08	0.00
06JUN83	0.05	0.14	0.03	0.00	0.11	0.08	0.07	0.00
13JUN83	0.01	0.56	0.35	0.00	0.17	0.08	0.19	0.00
20JUN83	0.01	0.04	0.44	0.00	0.01	0.01	0.28	0.00
26JUN83	0.00	0.01	0.13	0.20	0.00	0.00	0.17	0.04
03JUL83	0.00	0.00	0.04	0.80	0.00	0.00	0.11	0.36

Table E-11. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1984

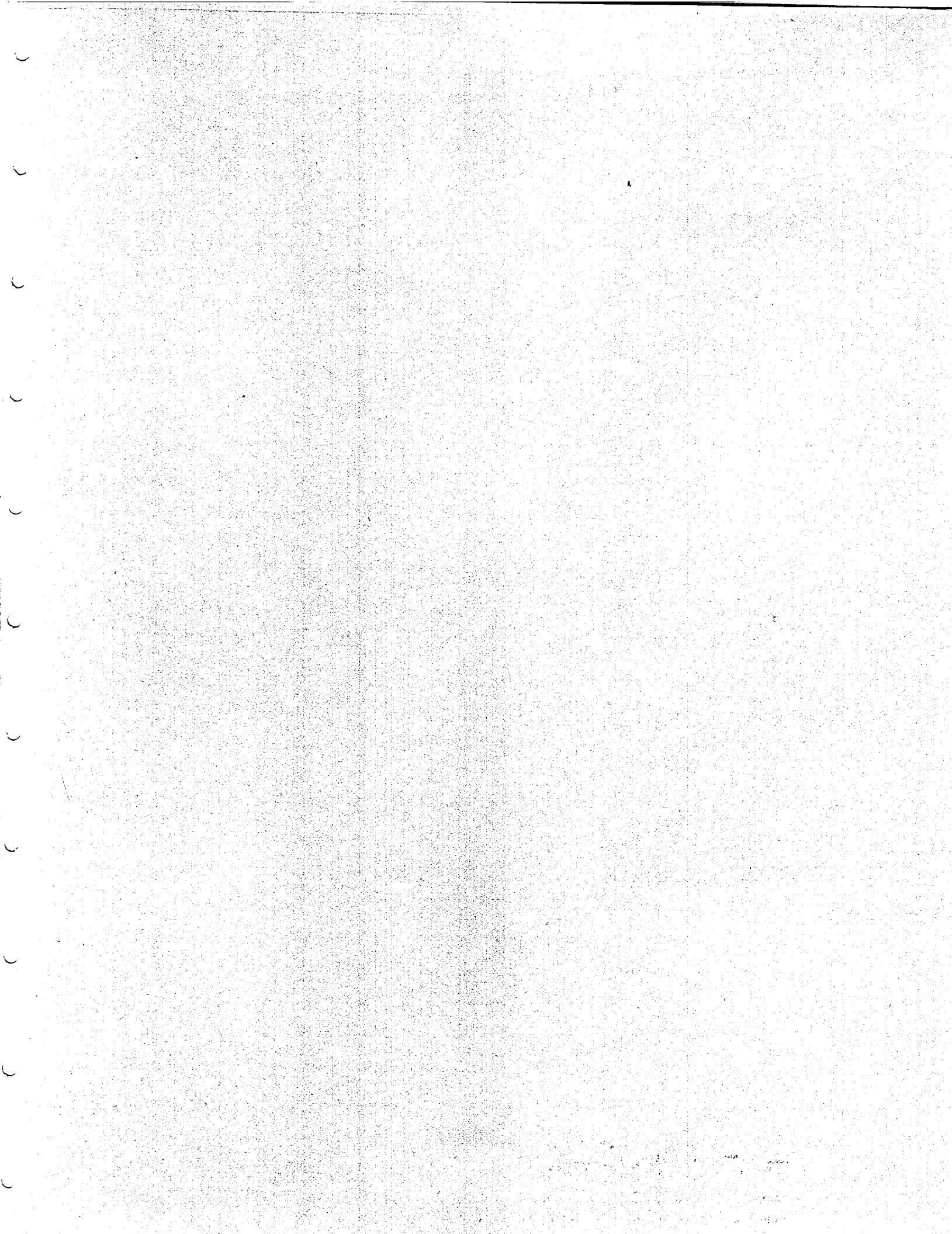
DATE	STRIPED BASS				WHITE PERCH			
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY
08MAY84	0.05	0.00	0.00	0.00	0.04	0.06	0.00	0.00
14MAY84	0.24	0.08	0.00	0.00	0.07	0.27	0.01	0.00
21MAY84	0.08	0.03	0.00	0.00	0.12	0.11	0.04	0.00
30MAY84	0.05	0.06	0.00	0.00	0.01	0.08	0.02	0.13
04JUN84	0.42	0.05	0.00	0.00	0.28	0.08	0.04	0.00
11JUN84	0.14	0.68	0.05	0.00	0.48	0.33	0.15	0.00
18JUN84	0.01	0.08	0.51	0.00	0.01	0.07	0.40	0.00
25JUN84	0.01	0.02	0.30	0.00	0.00	0.01	0.18	0.00
03JUL84	0.00	0.00	0.12	0.00	0.00	0.00	0.11	0.00
09JUL84	0.00	0.00	0.02	1.00	0.00	0.00	0.05	0.87

YEAR=1984

Table E-12. Temporal index for striped bass and white perch eggs, yolk-sac larvae (YSL), post yolk-sac larvae (PYSL), and young-of-year (YOY) collected in the Longitudinal River Survey during 1985

YEAR=1985											
DATE	STRIPED BASS				WHITE PERCH						
	EGGS	YSL	PYSL	YOY	EGGS	YSL	PYSL	YOY			
29APR85	0.03	0.00	0.00	0.00	0.23	0.01	0.00	0.00			
06MAY85	0.46	0.04	0.00	0.00	0.04	0.51	0.00	0.00			
13MAY85	0.25	0.24	0.00	0.00	0.38	0.26	0.10	0.00			
20MAY85	0.21	0.55	0.06	0.00	0.07	0.10	0.09	0.00			
28MAY85	0.01	0.15	0.53	0.00	0.11	0.09	0.25	0.00			
03JUN85	0.02	0.01	0.29	0.00	0.11	0.01	0.17	0.00			
10JUN85	0.01	0.00	0.08	0.00	0.05	0.01	0.20	0.00			
17JUN85	0.00	0.00	0.02	0.00	0.00	0.00	0.10	0.00			
24JUN85	0.00	0.00	0.01	0.35	0.00	0.00	0.06	0.45			
01JUL85	0.00	0.00	0.00	0.17	0.00	0.00	0.03	0.14			
08JUL85	0.00	0.00	0.00	0.47	0.00	0.00	0.01	0.41			





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