



## GULF STATES MARINE FISHERIES COMMISSION

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Larry B. Simpson  
Executive Director

June 9, 2004

### *MEMORANDUM*

*to:* Recipients of Complete SEAMAP Real-Time Data

*from:* Jim Hanifen  
SEAMAP Chairman

*subject:* 2004 SEAMAP Shrimp/Groundfish Survey  
Weekly Data Summary No. 1

Enclosed is the first preliminary data summary, data listings and codes for the 2004 SEAMAP Summer Shrimp/Groundfish Survey in the northern Gulf of Mexico. This week's summary includes sampling on June 2 by the Alabama Vessel *A.E. VERRILL* east of the Mississippi River and from June 2 through June 4 by Texas vessels sampling Texas' inshore and offshore waters. Catch data from the *A.E. VERRILL* were taken with a 40-ft trawl. Catch data from the Texas vessels were taken with 20-ft trawls.

Sampling coverage for the next weekly report will be by the NOAA Ship OREGON II and the R/V *TOMMY MUNRO*.

Please note that unless we hear otherwise, all future data summaries will be emailed to you, and you will not receive hard copies.

enclosures

Coding Explanation for Specific  
SEAMAP Data Listing

Platform:

1 = NOAA Ship OREGON II  
2 = R/V TOMMY MUNRO (Mississippi)  
6 = R/V VERRILL (Alabama)

7 = R/V PELICAN (Louisiana)  
8 = Texas vessels (KEMP, MATAGORDA BAY,  
SABINE, GALVESTON BAY, LAGUNA MADRE)

Station Number:

E = East Delta  
W = West Delta  
T = Texas  
F = Florida

Date = MO/DAY/YR

Latitude in degrees, minutes, tenths of minutes

Longitude in degrees, minutes, tenths of minutes

Time = nearest hour (military, local time) at start of tow

Depth in fathoms

Temperature (surface and bottom) in degrees centigrade

Surface chlorophyll in mg/m<sup>3</sup>

Bottom dissolved oxygen in parts per million

Gear type:

ST = Shrimp trawl  
FT = Fish trawl

Minutes fished

Tows = No. of tows at station

Shrimp, finfish, croaker, spot, sea trout, catfish - total catch in pounds at station

Other (dominant species if other than above), see attached code

Pounds of other

Length frequency by species of shrimp:

Weight: Total lbs shrimp caught

Number: Number of shrimp caught

Mode: First no. is mode (mm)/number at mode (0/0 if insufficient number to define mode)  
Remainder of listing is length frequency in 10 mm groupings (e.g. 100/21 = 21 shrimp at  
100-109 mm)

## SPECIES LIST

- |                   |                    |                    |
|-------------------|--------------------|--------------------|
| 1 ANCHOVY         | 43 SOUTHERN HAKE   | 85 PERLY RAZRFISH  |
| 2 BEARDED BRTULA  | 44 WENCHMAN        | 86 GULF MENHADEN   |
| 3 BLUE RUNNER     | 45 ORANGE FILFISH  | 87 MANTIS SHRIMP   |
| 4 SEA BASS        | 46 ROCK SHRIMP     | 88 CLRNOSE SKATE   |
| 5 BUMPER          | 47 SPONGE          | 89 FLATFISH        |
| 6 STINGRAY        | 48 SAND DOLLAR     | 90 SILVER JENNY    |
| 7 SAND PERCH      | 49 SNAKEFISH       | 91 ATLANTIC MANTA  |
| 8 SCALED SARDINE  | 50 STARFISH        | 92 RED PORGY       |
| 9 PINFISH         | 51 HEART URCHIN    | 93 SMTHHOUND SHRK  |
| 10 BANDED DRUM    | 52 OFFSHR BL.CRAB  | 94 HAKE            |
| 11 BLKEDGE CSKEEL | 53 PARAPENAEUS     | 95 COBIA           |
| 12 RED SNAPPER    | 54 LUMINOUS HAKE   | 96 IRRID SWM CRAB  |
| 13 KINGFISH       | 55 ROCK SEABASS    | 97 SARGASSUM       |
| 14 THREAD HERRING | 56 JELLYFISH       | 98 SHAMEFACD CRAB  |
| 15 BULL SHARK     | 57 ROUNDEL SKATE   | 99 BONNETED SHRK   |
| 16 HARVESTFISH    | 58 INSHR LZ RDFISH | 100 SPECKLD SHRIMP |
| 17 SEAROBIN       | 59 MEXICAN FLNDR   | 101 SHRTSP BORFISH |
| 18 BLKFIN SEAROBN | 60 FLOUNDER        | 102 BLKFN GRNADIER |
| 19 BLKWNG SEAROBN | 61 SHARKSUCKER     | 103 DUCKBIL FLATHD |
| 20 SHARPNOSE SHRK | 62 SMOOTH PUFFER   | 104 YLWHEAD DAMSEL |
| 21 SPNISH MACKREL | 63 DWARF SND PRCH  | 105 PANCAKE BTFISH |
| 22 LONGSPINE PRGY | 64 GRN SEABISCUIT  | 106 OFFSHR HAKE    |
| 23 DUSKY FLOUNDER | 65 CALICO SCALLOP  | 107 BEARDFISH      |
| 24 LIZARDFISH     | 66 CUSK-EEL        | 108 RED BARBER     |
| 25 ROUGH SCAD     | 67 LNG FNND SQUID  | 109 GULF BUTTERFSH |
| 26 CUTLASSFISH    | 68 SLIPPER LOBSTR  | 110 BIGEYE SCAD    |
| 27 ANGEL SHARK    | 69 SPNISH SARDINE  | 111 DPBODY BORFISH |
| 28 BLACK DRUM     | 70 SQUID           | 112 BLAKMOUTH BASS |
| 29 SHEEPSHEAD     | 71 BLUE CRAB       | 113 ROUND HERRING  |
| 30 RED DRUM       | 72 SOLENOCERA      | 114 CHUB MACKERAL  |
| 31 GRAY TRIGRFISH | 73 YELLOW CONGER   | 115 ATLNTC THRDFIN |
| 32 PUFFER         | 74 STHRN STINGRAY  | 116 BROWN SHRIMP   |
| 33 SHOAL FLOUNDER | 75 PAPER SCALLOP   | 117 PINK SHRIMP    |
| 34 COWNOSE RAY    | 76 PIGFISH         | 118 BLKNOSE SHARK  |
| 35 UNKNOWN SHARK  | 77 STRIPED ANCHVY  | 119 LRGSCALE LIZRD |
| 36 SOUTHERN FLNDR | 78 BRIEF SQUID     | 120 ROUND SCAD     |
| 37 BLKEAR SEABASS | 79 STHRN KINGFISH  | 121 ANEMONE        |
| 38 SPOTFIN FLNDR  | 80 BNDED SRMP EEL  | 122 LANE SNAPPER   |
| 39 SPINY ARM CRAB | 81 LOGGRHED TURTL  | 123 SEA PANSY      |
| 40 GOATFISH       | 82 BLNTNOS STNGRY  | 124 DOGFISH        |
| 41 BANK CUSK-EEL  | 83 SCORPIONFISH    | 125 ARROW SQUID    |
| 42 CHANNEL FLNDR  | 84 TRACHYPENAEUS   | 126 SEABOB         |

## SEAMAP04 DATA, TEXAS

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS
8	31001	6/ 2/ 4	25-59.9	97-07.6	9	7	24.5	23.5			10	1	0.5	8.9	3	0	0	0	0

SPECIES:BROWN WEIGHT: 0.022 NUMBER: 1 MODE:101/ 1  
LEN(MM)/FREQ. 100/ 1

SPECIES:WHITE WEIGHT: 0.132 NUMBER: 2 MODE: 0/ 0  
LEN(MM)/FREQ. 160/ 1 170/ 1

SPECIES:PINK WEIGHT: 0.309 NUMBER: 18 MODE: 98/ 3  
LEN(MM)/FREQ. 80/ 4 90/ 9 100/ 3 130/ 1 140/ 1

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS
8	31002	6/ 2/ 4	26-04.5	96-59.5	10	15	26.1	24.5			10	1	0.1	2.9	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.066 NUMBER: 3 MODE: 0/ 0  
LEN(MM)/FREQ. 90/ 1 120/ 1 130/ 1

SPECIES:PINK WEIGHT: 0.044 NUMBER: 4 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 1 100/ 3

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS
8	31003	6/ 2/ 4	26-06.9	97-00.5	11	14	26.2	24.0			10	1	0.1	2.4	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.044 NUMBER: 3 MODE: 0/ 0  
LEN(MM)/FREQ. 70/ 1 80/ 1 100/ 1

SPECIES:PINK WEIGHT: 0.044 NUMBER: 3 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 1 100/ 2

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS
8	31004	6/ 2/ 4	26-05.4	97-02.5	11	13	26.2	24.2			10	1	0.0	5.3	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.022 NUMBER: 1 MODE:105/ 1  
LEN(MM)/FREQ. 100/ 1

SPECIES:PINK WEIGHT: 0.000 NUMBER: 1 MODE: 0/ 0  
LEN(MM)/FREQ. 70/ 1

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS
8	31005	6/ 2/ 4	26-06.9	97-02.5	12	13	26.4	24.2			10	1	0.1	5.6	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.066 NUMBER: 5 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 2 90/ 2 100/ 1

SPECIES:PINK WEIGHT: 0.044 NUMBER: 3 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 1 90/ 1 100/ 1

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS
8	31006	6/ 2/ 4	26-11.3	97-01.4	13	13	26.4	24.0			10	1	0.0	5.7	0	0	0	0	0

SPECIES:PINK WEIGHT: 0.022 NUMBER: 3 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 1 90/ 2

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS
8	31007	6/ 2/ 4	26-10.9	97-06.5	14	10	26.0	24.3			10	1	0.0	1.2	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.022 NUMBER: 2 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 1 100/ 1

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS
8	31008	6/ 2/ 4	26-08.3	97-09.6	14	4	25.5	23.7			10	1	0.2	3.9	0	0	0	0	0

SPECIES:PINK WEIGHT: 0.243 NUMBER: 29 MODE: 90/ 4  
LEN(MM)/FREQ. 60/ 2 70/ 9 80/ 10 90/ 8

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS
8	32001	6/ 4/ 4	28-22.5	96-20.5	9	5	28.1	26.6			10	1	0.4	27.8	26	0	0	0	0

SPECIES:BROWN WEIGHT: 0.154 NUMBER: 10 MODE: 0/ 0  
LEN(MM)/FREQ. 70/ 3 80/ 3 90/ 1 100/ 1 110/ 1 120/ 1

SPECIES:WHITE WEIGHT: 0.220 NUMBER: 2 MODE: 0/ 0  
LEN(MM)/FREQ. 150/ 1 190/ 1

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	32002	6/ 4/ 4	28-21.5	96-12.5	10	10	27.7	25.6	4.2	ST	10	1	0.3	4.6	0	0	2	0	0	0
SPECIES:BROWN		WEIGHT:	0.331	NUMBER:	19	MODE:	94/ 4													
LEN(MM)/FREQ.		70/ 1	80/ 3	90/ 11	100/ 2	120/ 1	130/ 1													

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	32003	6/ 4/ 4	28-22.5	96-10.5	11	10	27.7	25.4	3.9	ST	10	1	0.5	5.1	0	0	1	0	0	0
SPECIES:BROWN		WEIGHT:	0.176	NUMBER:	11	MODE:	0/ 0													
LEN(MM)/FREQ.		80/ 6	90/ 1	100/ 3	110/ 1															
SPECIES:WHITE		WEIGHT:	0.353	NUMBER:	4	MODE:	0/ 0													
LEN(MM)/FREQ.		150/ 2	160/ 1	170/ 1																

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	32004	6/ 4/ 4	28-24.5	96-12.5	12	8	28.0	26.1	5.0	ST	10	1	0.7	4.1	0	0	1	0	0	0
SPECIES:BROWN		WEIGHT:	0.375	NUMBER:	19	MODE:	94/ 3													
LEN(MM)/FREQ.		70/ 1	80/ 3	90/ 5	100/ 8	110/ 2														
SPECIES:WHITE		WEIGHT:	0.331	NUMBER:	4	MODE:	0/ 0													
LEN(MM)/FREQ.		150/ 2	160/ 1	180/ 1																

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	32005	6/ 4/ 4	28-26.5	96-04.5	13	8	28.3	25.3	3.6	ST	10	1	0.1	5.4	0	0	0	0	0	0
SPECIES:BROWN		WEIGHT:	0.088	NUMBER:	6	MODE:	0/ 0													
LEN(MM)/FREQ.		70/ 1	80/ 2	90/ 1	100/ 1	110/ 1														

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	32006	6/ 4/ 4	28-28.5	96-08.6	14	7	28.8	27.4	4.6	ST	10	1	0.8	10.6	4	2	0	0	0	0
SPECIES:BROWN		WEIGHT:	0.397	NUMBER:	26	MODE:	87/ 3													
LEN(MM)/FREQ.		70/ 3	80/ 7	90/ 10	100/ 6															
SPECIES:WHITE		WEIGHT:	0.397	NUMBER:	5	MODE:	0/ 0													
LEN(MM)/FREQ.		150/ 1	160/ 3	170/ 1																

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	32007	6/ 4/ 4	28-30.5	96-08.5	14	5	30.0	28.0	5.6	ST	10	1	0.2	12.9	2	1	0	0	0	0
SPECIES:BROWN		WEIGHT:	0.154	NUMBER:	15	MODE:	0/ 0													
LEN(MM)/FREQ.		70/ 5	80/ 9	90/ 1																
SPECIES:WHITE		WEIGHT:	0.066	NUMBER:	1	MODE:	152/ 1													
LEN(MM)/FREQ.		150/ 1																		

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	32008	6/ 4/ 4	28-28.5	96-10.5	14	6	29.5	27.9	5.9	ST	10	1	0.5	15.1	9	2	0	0	0	0
SPECIES:BROWN		WEIGHT:	0.265	NUMBER:	17	MODE:	0/ 0													
LEN(MM)/FREQ.		70/ 2	80/ 2	90/ 5	100/ 5	110/ 2														
SPECIES:WHITE		WEIGHT:	0.220	NUMBER:	2	MODE:	0/ 0													
LEN(MM)/FREQ.		170/ 1	180/ 1																	

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	40001	6/ 2/ 4	29-40.2	93-53.1	9	1	29.3	29.2	6.7	ST	10	1	0.8	0.9	0	0	0	0	0	0
SPECIES:BROWN		WEIGHT:	0.176	NUMBER:	16	MODE:	82/ 3													
LEN(MM)/FREQ.		70/ 4	80/ 8	90/ 2	110/ 2															
SPECIES:WHITE		WEIGHT:	0.595	NUMBER:	11	MODE:	0/ 0													
LEN(MM)/FREQ.		130/ 4	140/ 4	150/ 2	160/ 1															

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	40002	6/ 2/ 4	29-34.5	93-50.8	10	6	29.3	27.4	4.2	ST	10	1	0.0	11.6	10	1	0	0	0	0

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS					
						FMS	SUR	BOT	MG/M3	BDO	TYPE	FISH			SPT	TRT	CAT	OTHER	LBS	
8	40003	6/ 2/ 4	29-36.4	93-53.2	11	3	29.6	28.1	4.9	ST	10	1	0.8	4.4	3	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.044 NUMBER: 3 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 1 90/ 1 110/ 1

SPECIES:WHITE WEIGHT: 0.750 NUMBER: 13 MODE:156/ 2  
LEN(MM)/FREQ. 130/ 2 140/ 3 150/ 7 160/ 1

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 40004	6/ 2/ 4	29-36.5	93-55.9	11	FMS	SUR BOT	MG/M3	4.0	ST	FISH	10	1	0.1	0.4	0	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.066 NUMBER: 5 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 3 90/ 2

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 40005	6/ 2/ 4	29-36.6	93-57.2	12	FMS	SUR BOT	MG/M3	6.0	ST	FISH	10	1	0.2	1.8	1	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.220 NUMBER: 18 MODE: 0/ 0  
LEN(MM)/FREQ. 60/ 1 70/ 5 80/ 5 90/ 3 100/ 4

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 40006	6/ 2/ 4	29-34.4	93-56.8	12	FMS	SUR BOT	MG/M3	5.3	ST	FISH	10	1	0.0	0.6	0	0	0	0	0	0

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 40007	6/ 2/ 4	29-33.5	93-58.2	13	FMS	SUR BOT	MG/M3	0.5	ST	FISH	10	1	0.0	0.4	0	0	0	0	0	0

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 40008	6/ 2/ 4	29-32.4	93-59.8	14	FMS	SUR BOT	MG/M3	0.9	ST	FISH	10	1	0.0	0.9	0	0	0	0	0	0

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 69001	6/ 2/ 4	29-19.9	94-46.1	10	FMS	SUR BOT	MG/M3	6.2	ST	FISH	10	1	1.7	17.8	9	1	0	1	0	0

SPECIES:BROWN WEIGHT: 1.235 NUMBER: 83 MODE: 90/ 5  
LEN(MM)/FREQ. 70/ 3 80/ 18 90/ 21 100/ 1 110/ 3 120/ 3 130/ 1

SPECIES:WHITE WEIGHT: 0.507 NUMBER: 8 MODE: 0/ 0  
LEN(MM)/FREQ. 140/ 4 150/ 4

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 69002	6/ 4/ 4	29-13.0	94-47.0	11	FMS	SUR BOT	MG/M3	5.2	ST	FISH	10	1	1.8	5.2	0	2	0	0	0	0

SPECIES:BROWN WEIGHT: 1.345 NUMBER: 77 MODE: 0/ 0  
LEN(MM)/FREQ. 70/ 1 80/ 17 90/ 14 100/ 6 110/ 8 120/ 4

SPECIES:WHITE WEIGHT: 0.441 NUMBER: 7 MODE:140/ 4  
LEN(MM)/FREQ. 140/ 4 150/ 3

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 69003	6/ 4/ 4	29-12.7	94-47.1	11	FMS	SUR BOT	MG/M3	5.2	ST	FISH	10	1	0.7	11.4	3	3	0	0	0	0

SPECIES:BROWN WEIGHT: 0.463 NUMBER: 28 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 7 90/ 12 100/ 1 110/ 1 120/ 3

SPECIES:WHITE WEIGHT: 0.265 NUMBER: 3 MODE: 0/ 0  
LEN(MM)/FREQ. 150/ 1 170/ 1 180/ 1

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 69004	6/ 4/ 4	29-10.0	94-46.1	12	FMS	SUR BOT	MG/M3	5.4	ST	FISH	10	1	0.5	6.2	1	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.198 NUMBER: 6 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 1 90/ 1 110/ 2 120/ 2

SPECIES:WHITE WEIGHT: 0.265 NUMBER: 4 MODE: 0/ 0  
LEN(MM)/FREQ. 140/ 1 150/ 3

PLAT STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	BDO	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS	SPT	TRT	CAT	OTHER	LBS
8 69005	6/ 4/ 4	29-11.1	94-45.9	12	FMS	SUR BOT	MG/M3	5.4	ST	FISH	10	1	0.4	3.8	1	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.331 NUMBER: 18 MODE: 0/ 0  
LEN(MM)/FREQ. 80/ 3 90/ 6 100/ 4 110/ 4 120/ 1

SPECIES:WHITE WEIGHT: 0.088 NUMBER: 1 MODE: 0/ 0  
LEN(MM)/FREQ. 160/ 1

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	BDO	TYPE	FISH				SPT	TRT	CAT	OTHER	LBS
8	69006	6/ 4/ 4	29-08.0	94-46.0	13	8	27.8	27.4	5.4	ST	10	1	0.5	2.2	0	0	0	0	0

SPECIES:BROWN WEIGHT: 0.375 NUMBER: 22 MODE:100/ 2  
LEN(MM)/FREQ. 80/ 2 90/ 4 100/ 8 110/ 6 120/ 2

SPECIES:WHITE WEIGHT: 0.088 NUMBER: 1 MODE: 0/ 0  
LEN(MM)/FREQ. 160/ 1

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	BDO	TYPE	FISH				SPT	TRT	CAT	OTHER	LBS
8	69007	6/ 4/ 4	29-08.0	94-47.1	13	8	27.9	27.7	5.4	ST	10	1	0.5	2.3	0	1	0	0	0

SPECIES:BROWN WEIGHT: 0.463 NUMBER: 27 MODE: 91/ 3  
LEN(MM)/FREQ. 70/ 2 80/ 3 90/ 8 100/ 7 110/ 6 120/ 1

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	BDO	TYPE	FISH				SPT	TRT	CAT	OTHER	LBS
8	69008	6/ 4/ 4	29-11.2	94-41.8	14	8	28.0	27.9	5.4	ST	10	1	1.9	2.7	1	0	0	0	0

SPECIES:BROWN WEIGHT: 1.102 NUMBER: 52 MODE: 0/ 0  
LEN(MM)/FREQ. 70/ 2 80/ 5 90/ 11 100/ 10 110/ 12 120/ 10

SPECIES:WHITE WEIGHT: 0.838 NUMBER: 9 MODE: 0/ 0  
LEN(MM)/FREQ. 140/ 2 150/ 4 160/ 3

SEAMAP04 DATA,ALABAMA

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	BDO	TYPE	FISH				SPT	TRT	CAT	OTHER	LBS
6	23002	6/ 3/ 4	29-58.6	88-12.6	18	16				ST	22	1	0.0	13.7	0	0	0	22	5

SPECIES:PINK WEIGHT: 0.033 NUMBER: 1 MODE: 0/ 0  
LEN(MM)/FREQ. 110/ 1

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	BDO	TYPE	FISH				SPT	TRT	CAT	OTHER	LBS
6	23001	6/ 3/ 4	30-12.6	88-18.8	16	3				ST	10	1	0.0	12.3	0	7	0	0	0

PLAT	STATION	DATE	LAT	LONG	TIME	DEP	TEMPS,C	CHLOR	GEAR	MIN	TOWS	SHRIMP	NONSHRIMP	CRK	LBS				
						FMS	SUR	BOT	BDO	TYPE	FISH				SPT	TRT	CAT	OTHER	LBS
6	23003	6/ 3/ 4	29-56.4	88-11.5	19	17				ST	29	1	0.1	16.1	0	0	0	22	5

SPECIES:PINK WEIGHT: 0.108 NUMBER: 2 MODE: 0/ 0  
LEN(MM)/FREQ. 140/ 2



## GULF STATES MARINE FISHERIES COMMISSION

P.O. Box 726 Ocean Springs MS 39566-0726

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Larry B. Simpson  
Executive Director

June 9, 2004

### *MEMORANDUM*

**to:** Persons Interested in SEAMAP Surveys

**from:** Jim Hanifen  
SEAMAP Chairman

**subject:** 2004 SEAMAP Shrimp/Groundfish Survey  
Weekly Data Summary No. 1

Enclosed is the first preliminary data summary for the 2004 SEAMAP Summer Shrimp/Groundfish Survey in the northern Gulf of Mexico. This week's summary includes sampling on June 2 by the Alabama Vessel *A.E. VERRILL* east of the Mississippi River and from June 2 through June 4 by Texas vessels sampling Texas' inshore and offshore waters. Catch data from the A.E. VERRILL were taken with a 40-ft trawl. Catch data from the Texas vessels were taken with 20-ft trawls.

Plotted catch rates have been converted to pounds per hour for a 40-ft trawl (20-ft trawl x 2). Shrimp counts are heads-off. Catch rates for finfish are given in the charts divided by 10; e.g., a charted catch rate of 19 means 190 lb/hr. The squares on the charts are 10-minute grids and contain an average catch or count from one or more sampling stations within a particular grid. The sampling stations were located randomly by depth zone.

The catch data east of the River indicated that the highest pink shrimp catch rate was 0.2 lb/hr of 30-count shrimp at 29°56.4' N. lat. and 88°11.5' W. long., in 17 fm. No brown or white shrimp were caught east of the River during this sampling period. The highest total catch rate east of the River was 74 lb/hr reported in 3 fm at 30°12.6' N. lat. and 88°18.8' W. long., with spot being the predominant species.



Persons Interested in SEAMAP

June 9, 2004

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The catch data west of the River indicated that the highest brown shrimp catch rate was 2.6 lb/hr of 131-count shrimp at 29°36.6' N. lat. and 93°57.2' W. long., in 4 fm. The catch data west of the River indicated that the highest white shrimp catch rate was 9 lb/hr of 27-count shrimp at 29°36.4' N. lat. and 93°53.2' W. long., in 3 fm. No pink shrimp were caught west of the River during this sampling period. The highest total catch rate west of the River was 139 lb/hr reported in 6 fm at 29°34.5' N. lat. and 93°50.8' W. long., with Atlantic croaker being the predominant species.

The catch data from Texas indicated that the highest catch rate of brown shrimp was 13.2 lb/hr of 76-count shrimp in 8 fm at 29°11.2' N. lat. and 94°41.8' W. long. The highest catch rate for white shrimp was 10.1 lb/hr of 17-count shrimp in 8 fm at 29°11.2' N. lat. and 94°41.8' W. long. The catch data from Texas indicated that the highest catch rate of pink shrimp was 3.7 lb/hr of 93-count shrimp in 7 fm at 25°59.9' N. lat. and 97°07.6' W. long. The maximum total catch rate was 334 lb/hr in 5 fm at 28°22.5' N. lat. and 96°20.5' W. long., with Atlantic croaker being the predominant species.

We anticipate mailing updated data from the SEAMAP survey every Wednesday. In addition to the mailing, the plots of pink, white and brown shrimp, station locations, and finfish catches will be available on the SEAMAP home page at: [http://www.gsmfc.org/smr\\_t.html](http://www.gsmfc.org/smr_t.html). If you would like these reports emailed to you, please contact Cheryl Noble (228) 875-5912 or [cnoble@gsmfc.org](mailto:cnoble@gsmfc.org) to be placed on the email list. Emailing will allow you to receive the reports each Tuesday afternoon. Sampling coverage for the next weekly report will be by the NOAA Ship **OREGON II** and **R/V TOMMY MUNRO**.

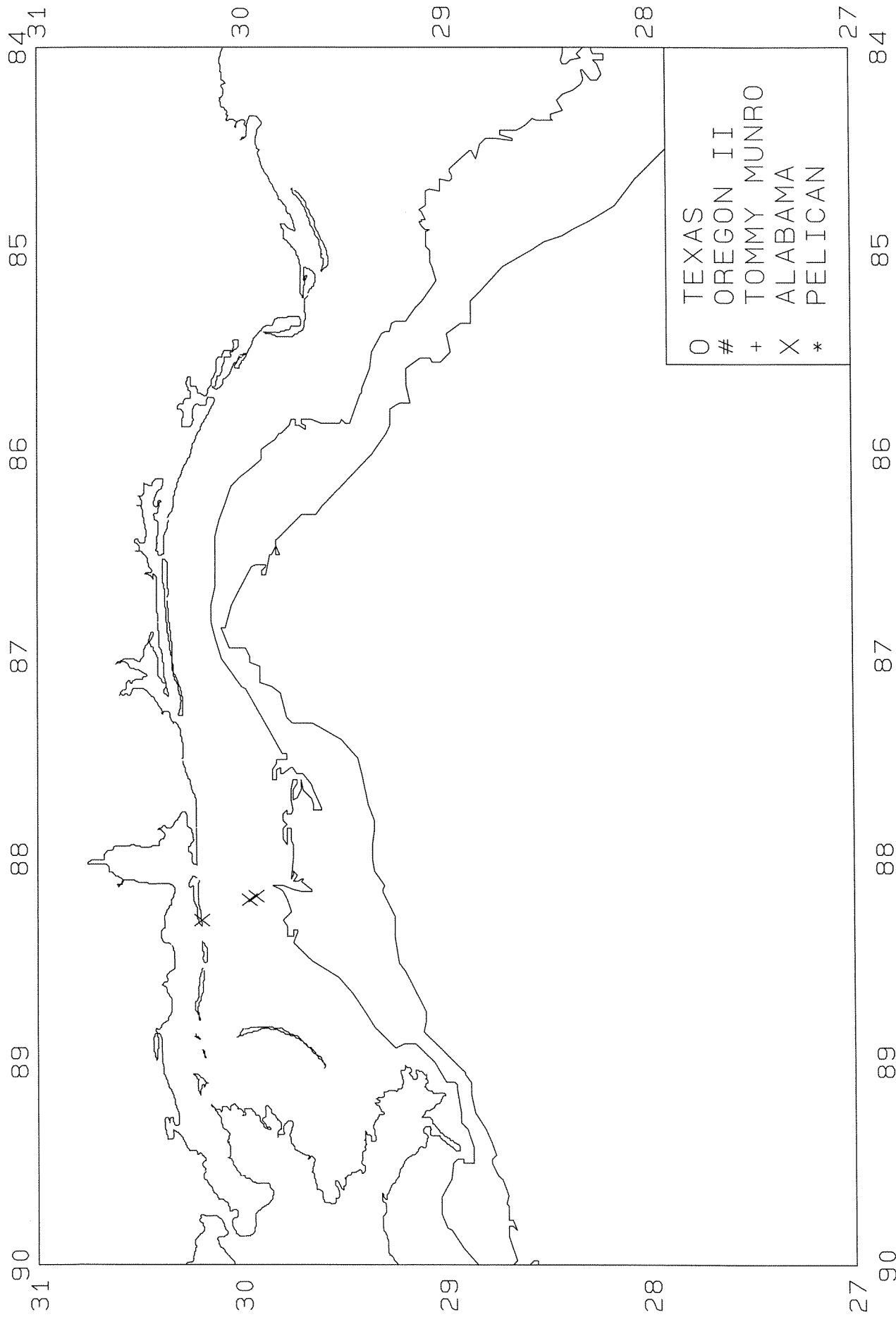
We welcome your comments and suggestions on the enclosed data summaries. Specific questions about the sampling design or catch data should be referred to Dr. Scott Nichols of the NMFS Mississippi Laboratories (228) 762-4591.

enclosures

SEAMAP04

SAMPLING DATES FROM 6/03/04 TO 6/03/04

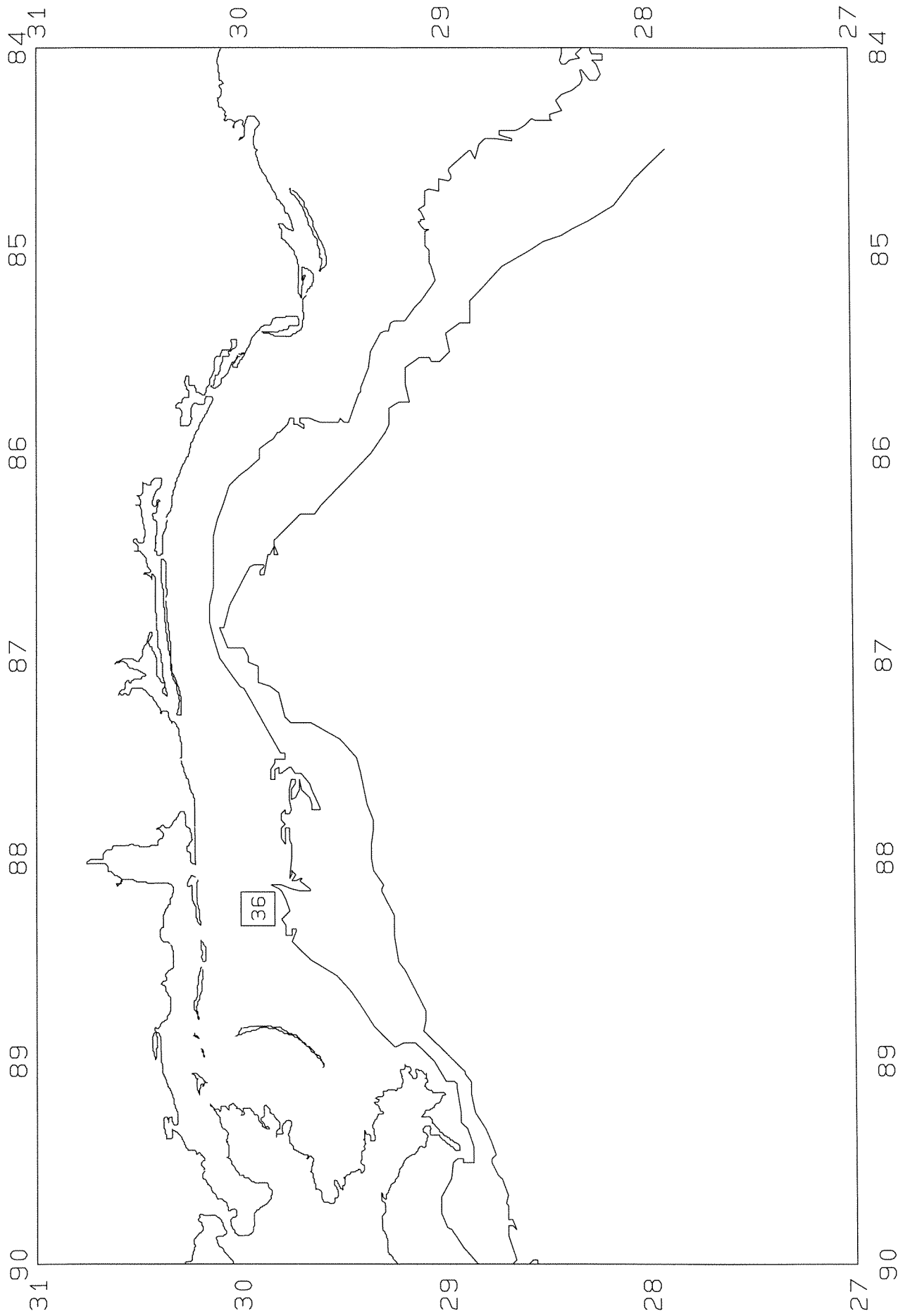
SAMPLING STATIONS



SEAMAP04

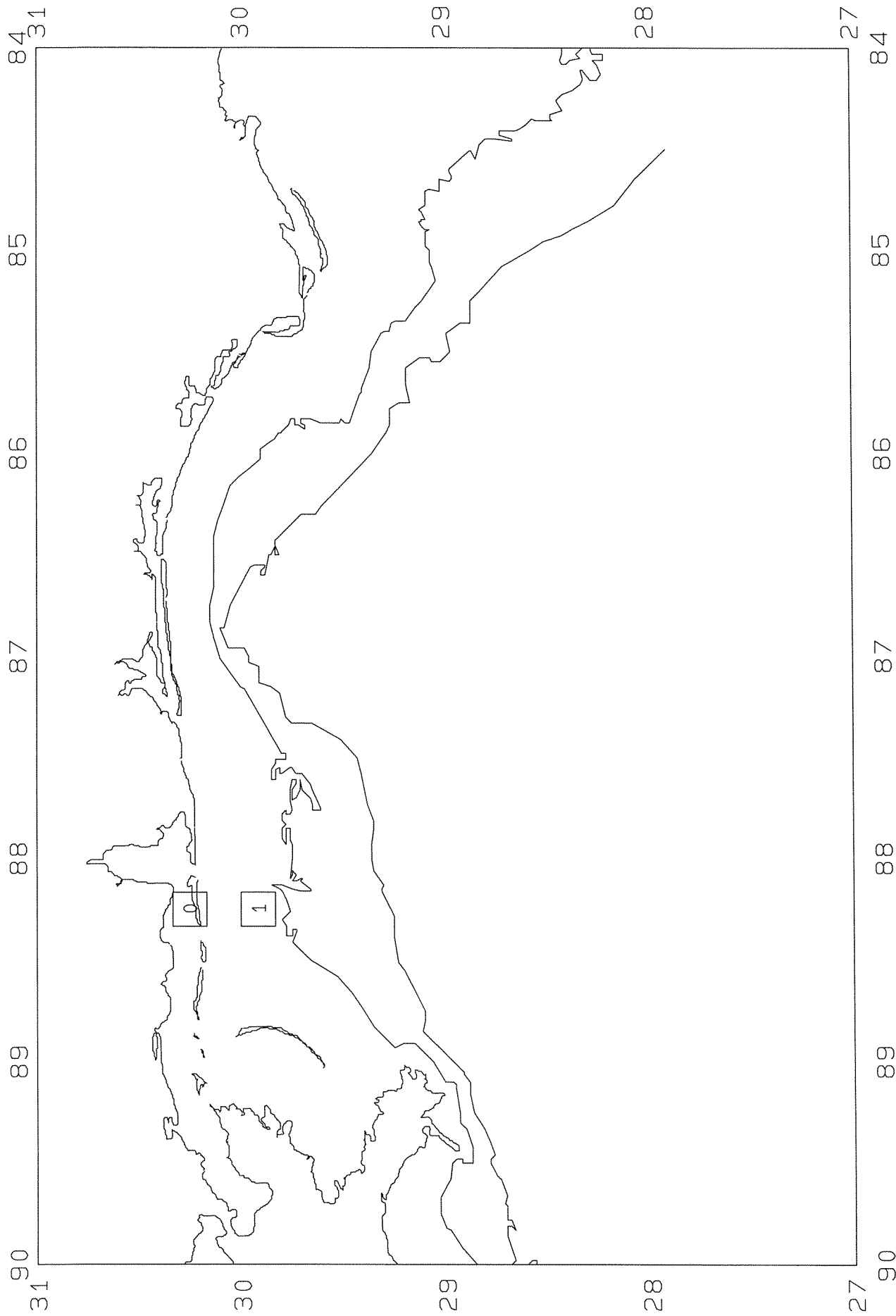
SAMPLING DATES FROM 6/03/04 TO 6/03/04

AVERAGE PINK SHRIMP COUNT PER POUND



SEAMAP04

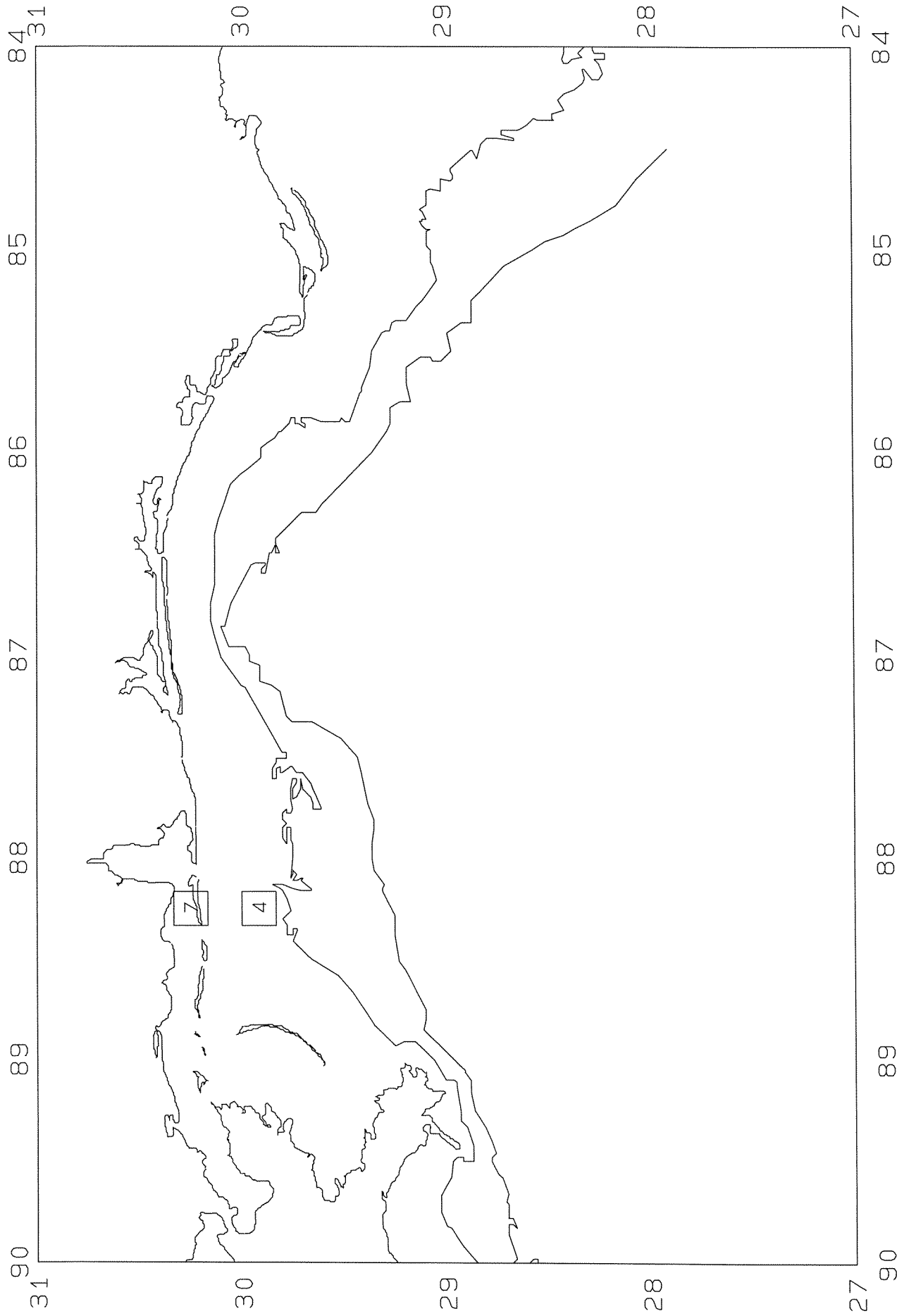
SAMPLING DATES FROM 6/03/04 TO 6/03/04  
AVERAGE PINK SHRIMP CATCH IN POUNDS/HOUR



SEAMAP04

SAMPLING DATES FROM 6/03/04 TO 6/03/04

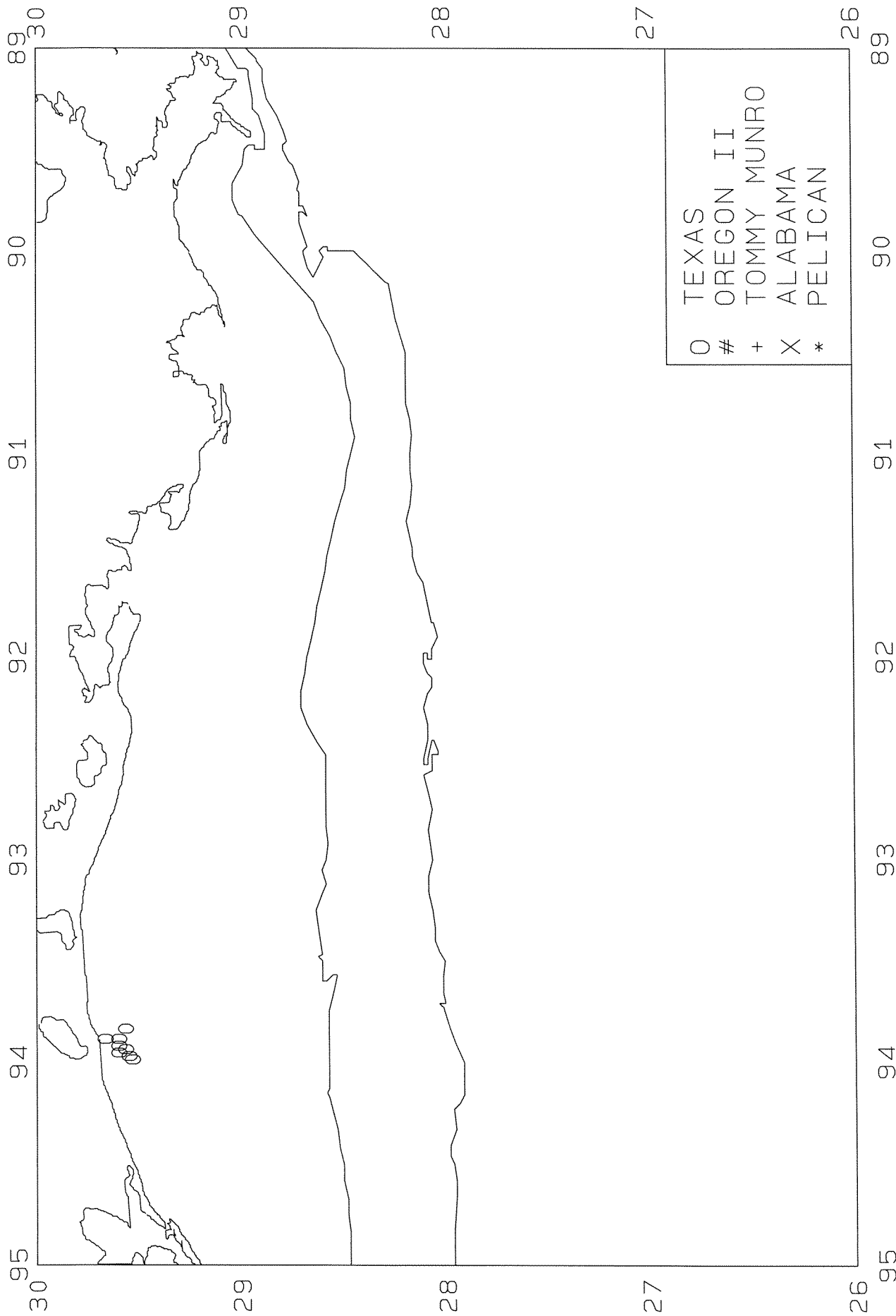
AVERAGE NON-SHRIMP CATCH IN POUNDS/HOUR/10



SEAMAP04

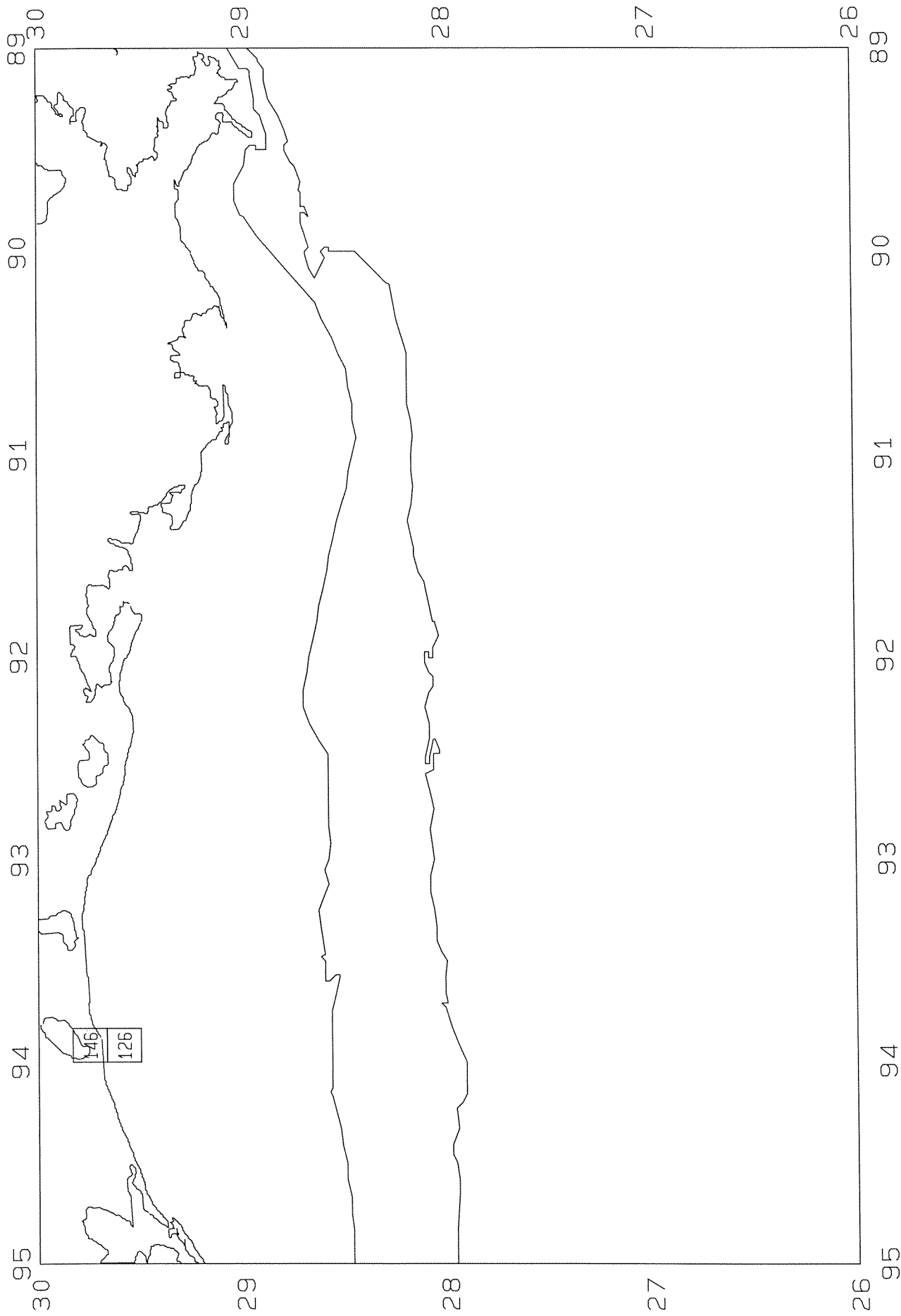
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SAMPLING STATIONS



SEAMAP04

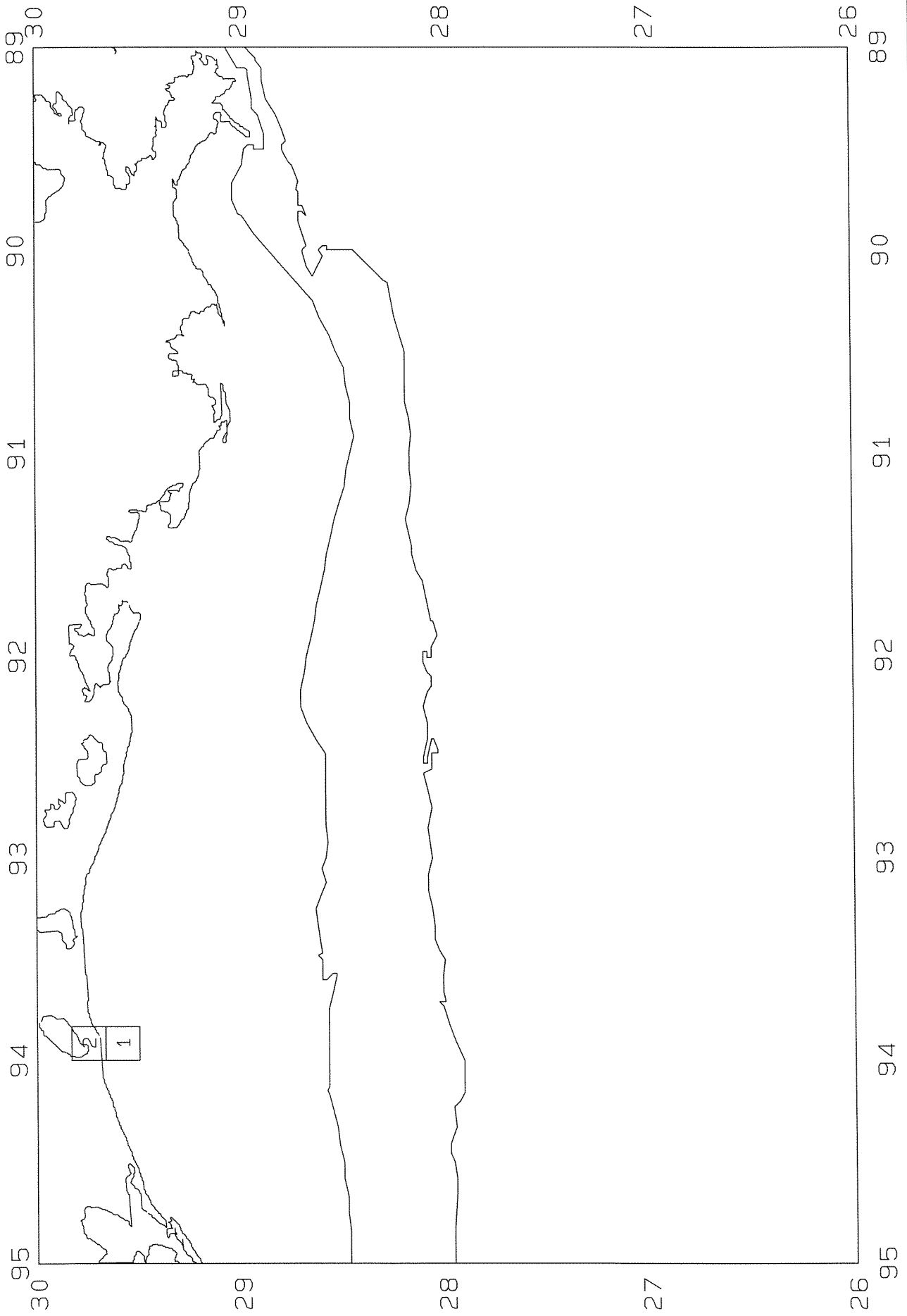
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AVERAGE BROWN SHRIMP COUNT PER POUND



SEAMAP04

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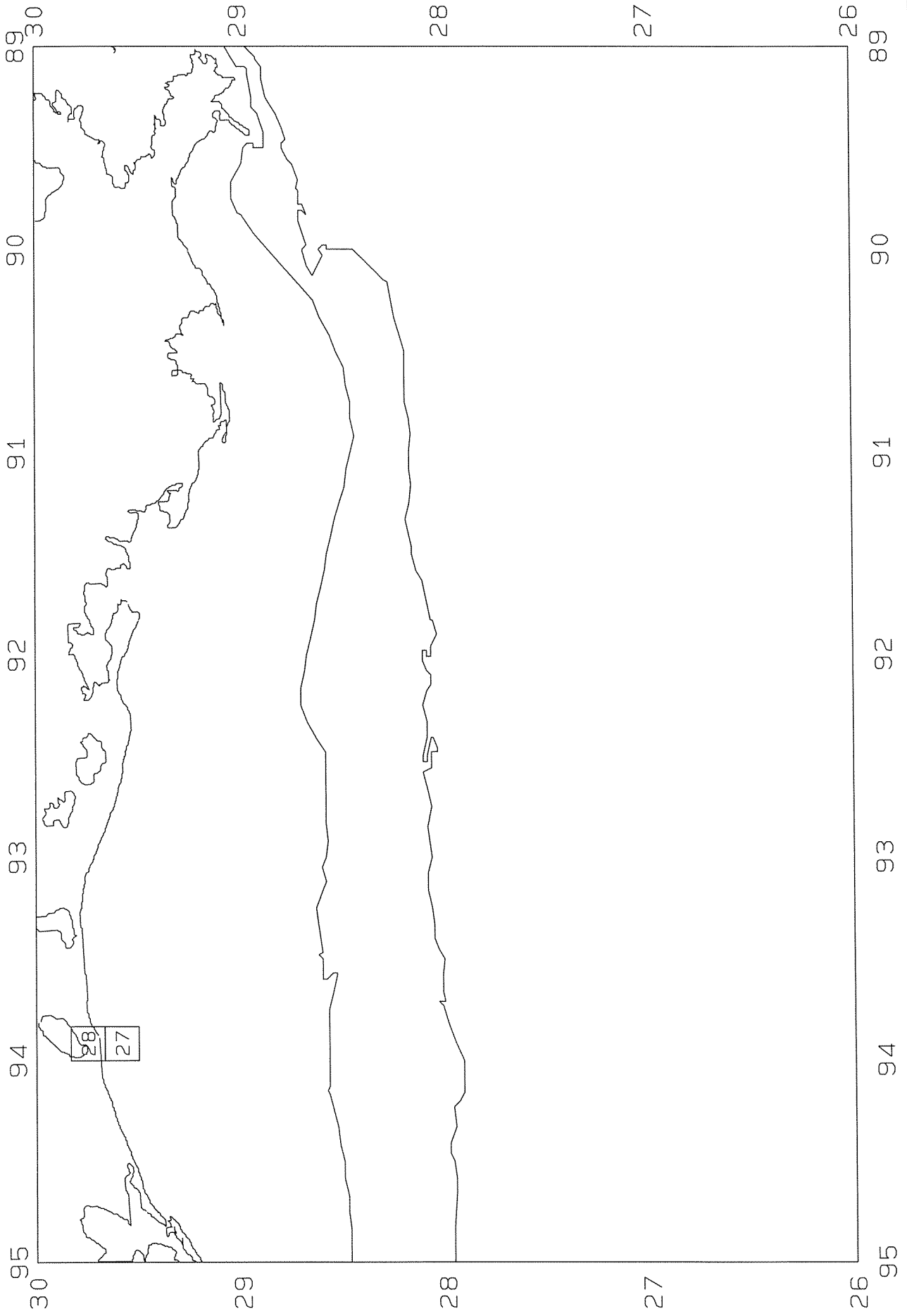
AVERAGE BROWN SHRIMP CATCH IN POUNDS/HOUR





SEAMAP04

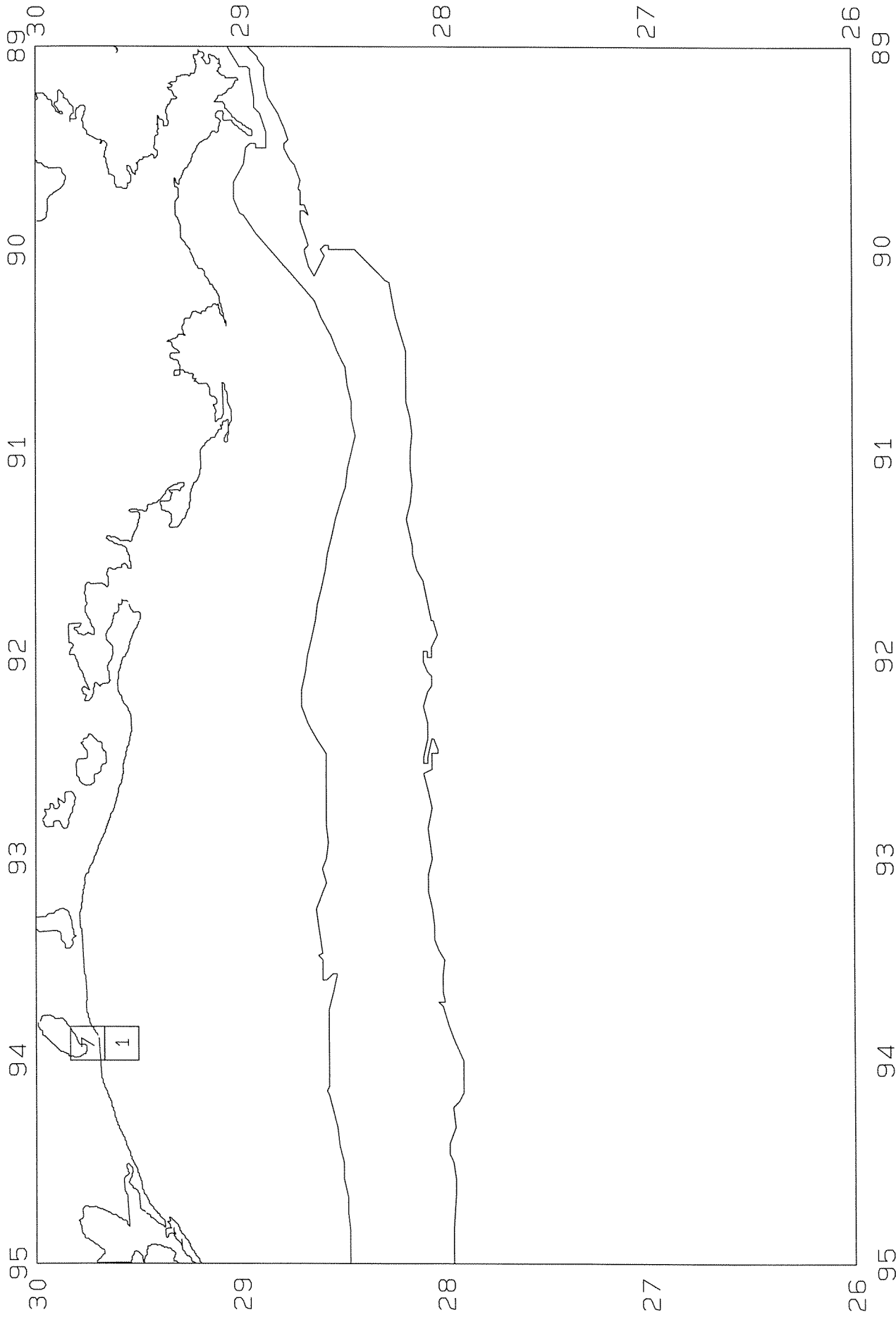
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AVERAGE WHITE SHRIMP COUNT PER POUND



SEAMAP04

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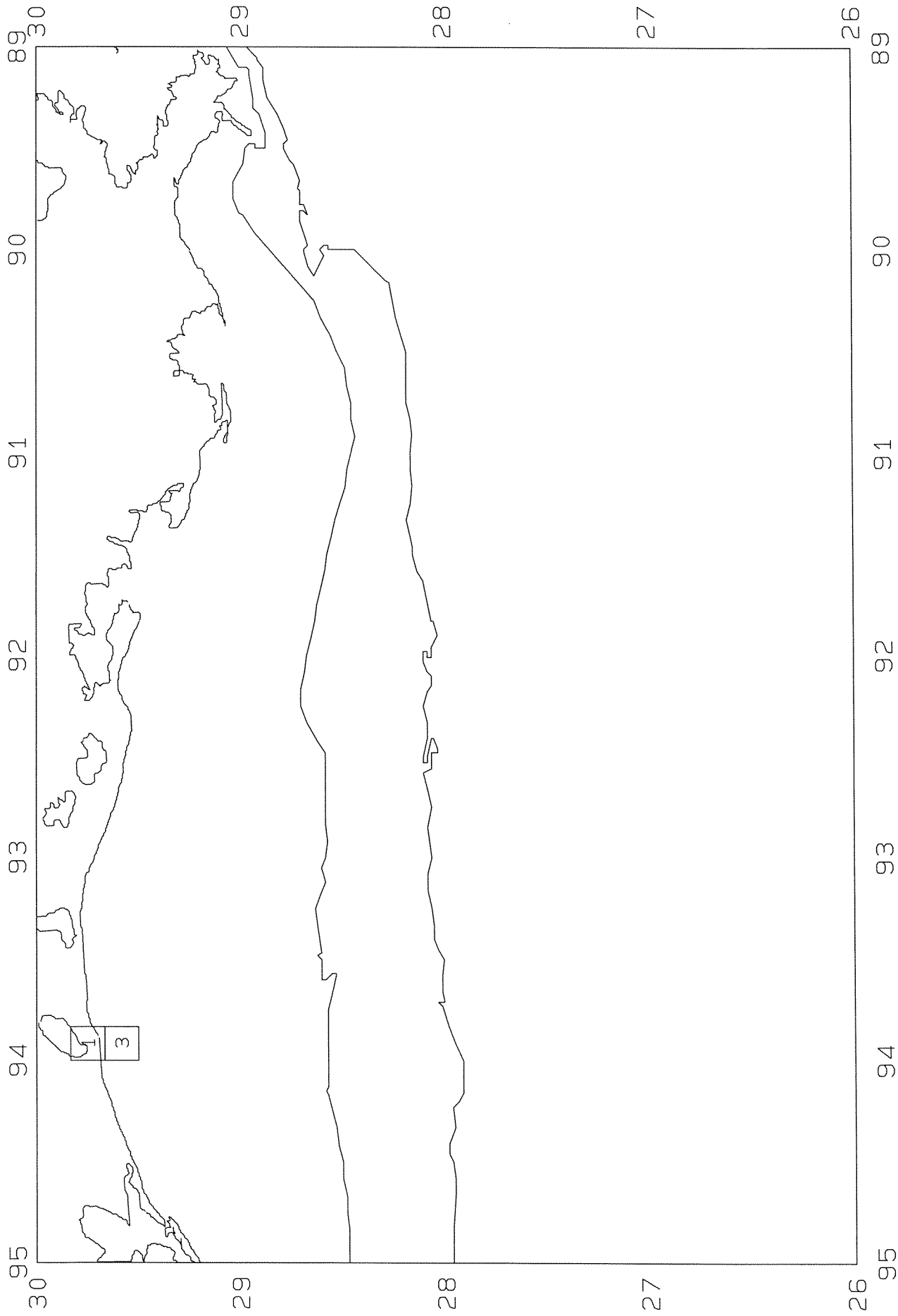
AVERAGE WHITE SHRIMP CATCH IN POUNDS/HOUR



SEAMAP04

SAMPLING DATES FROM 6/02/04 TO 6/02/04

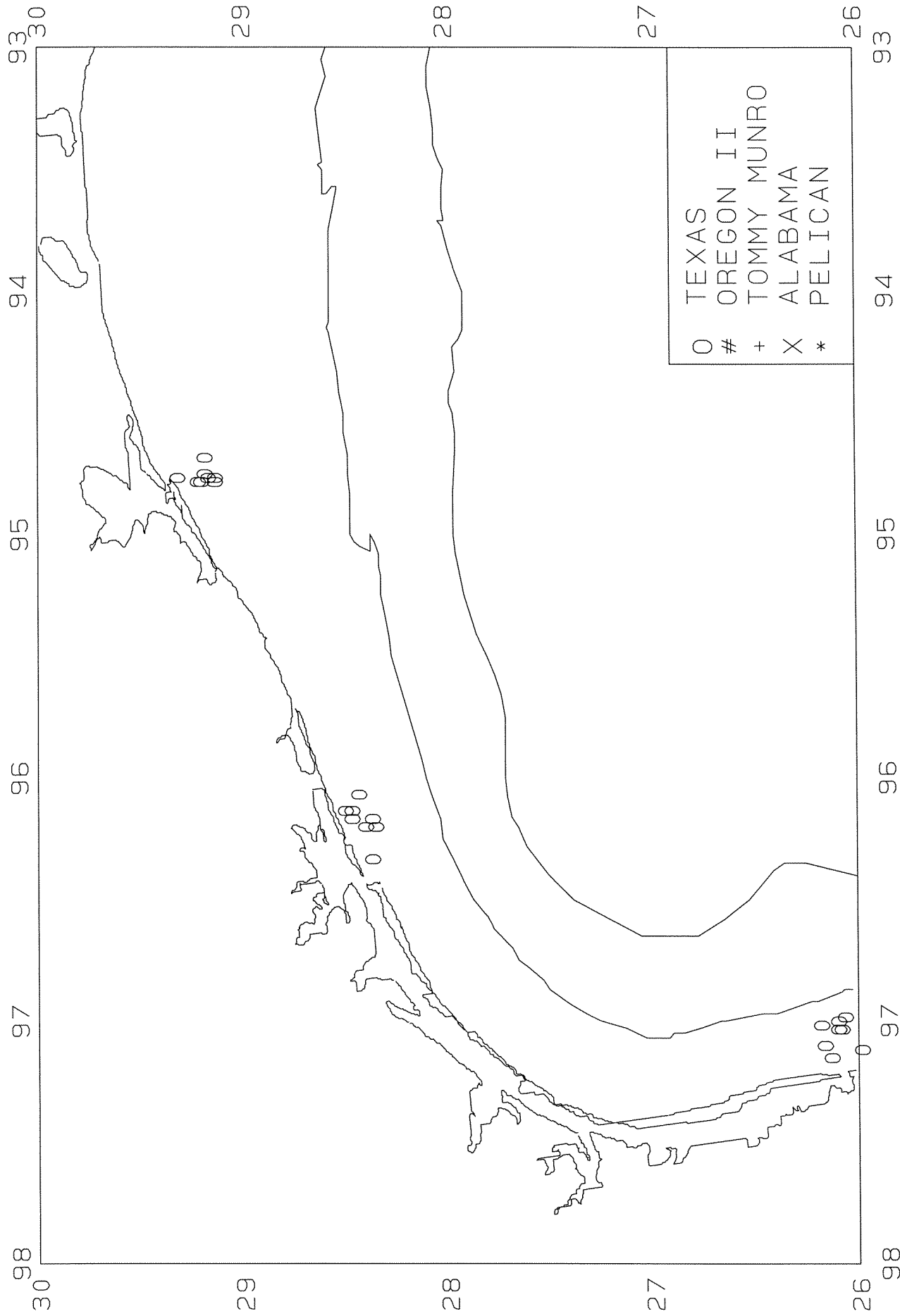
AVERAGE NON-SHRIMP CATCH IN POUNDS/HOUR/10



SEAMAP04

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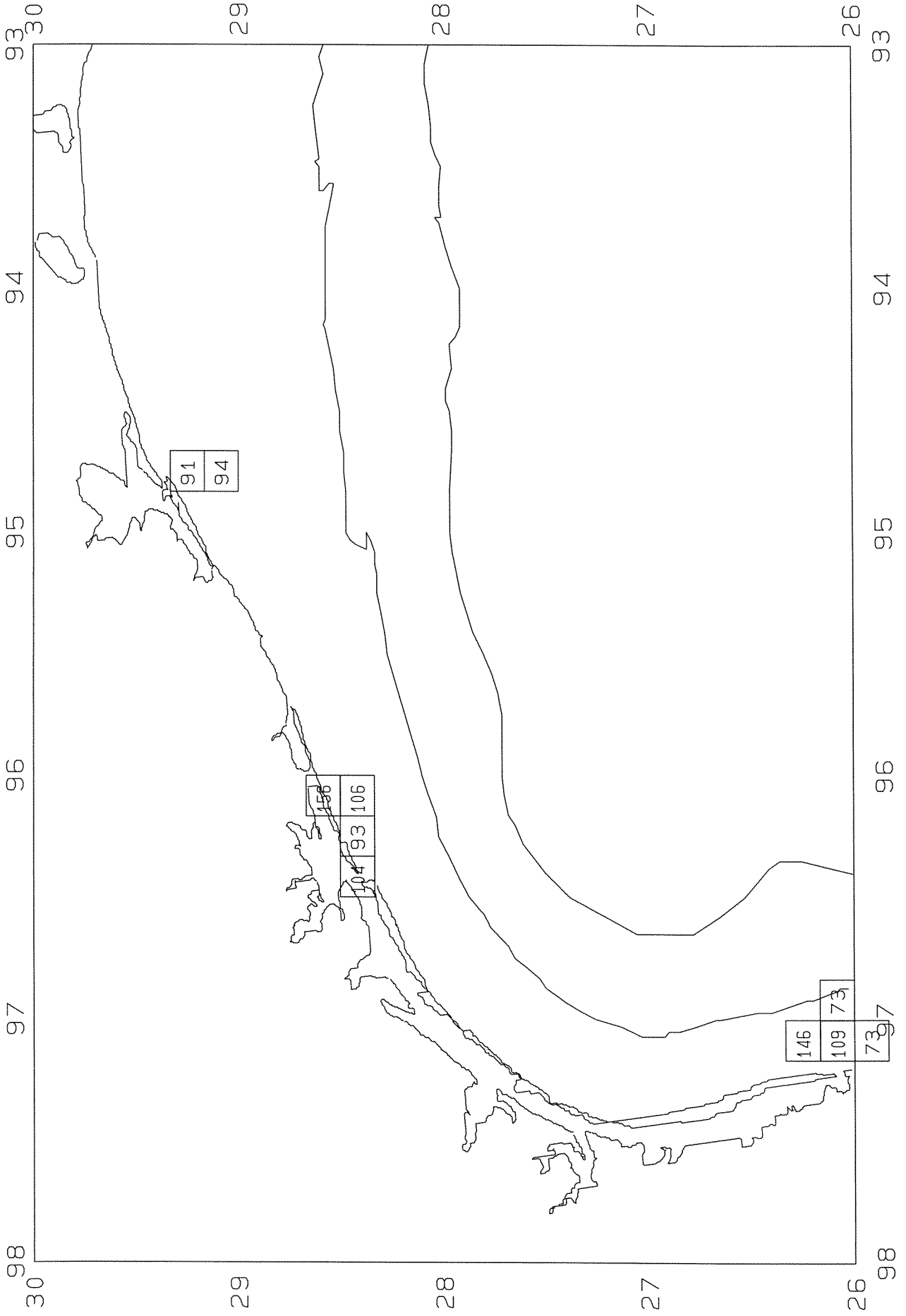
SAMPLING STATIONS



SEAMAP04

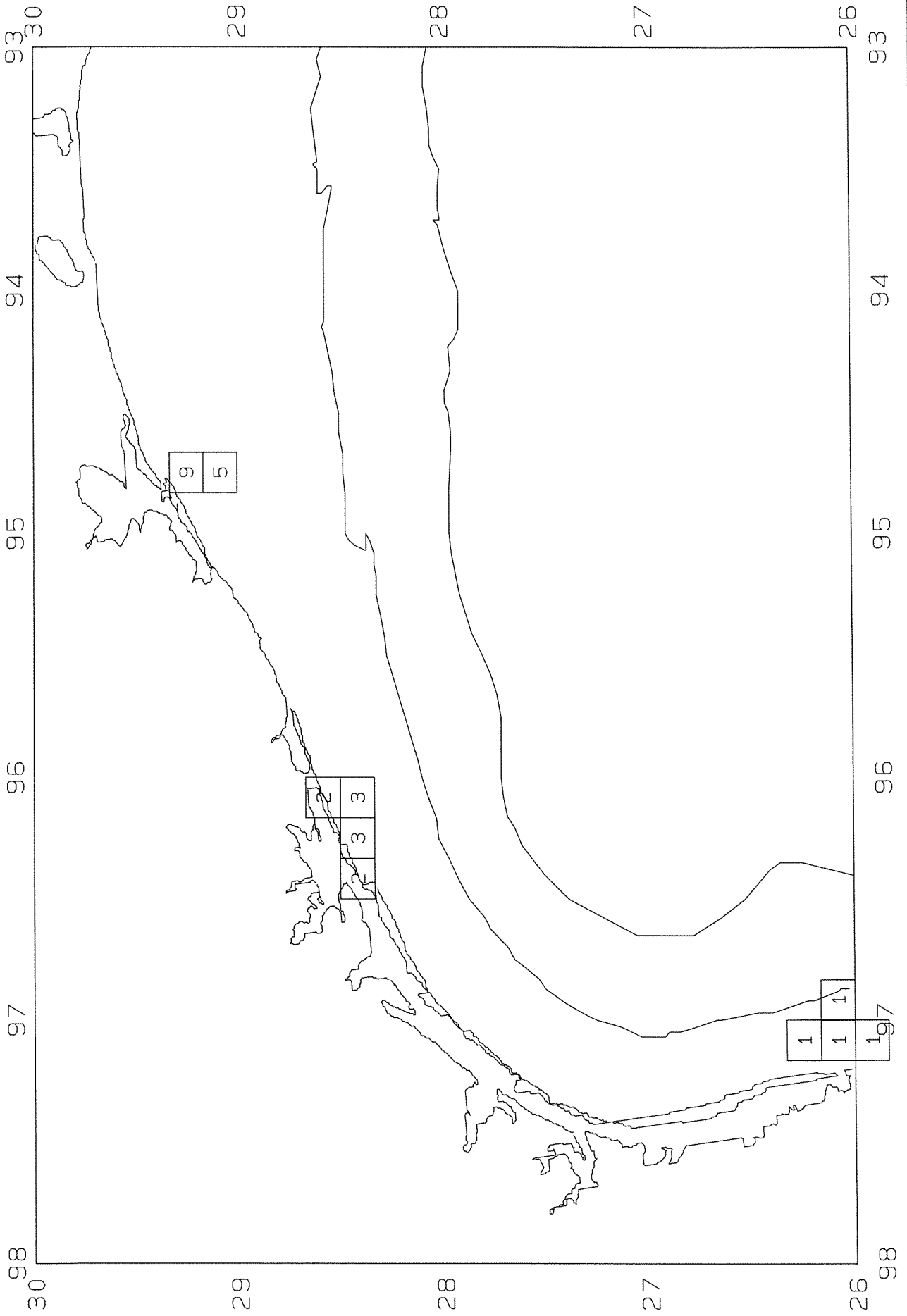
SAMPLING DATES FROM 6/02/04 TO 6/04/04

AVERAGE BROWN SHRIMP COUNT PER POUND



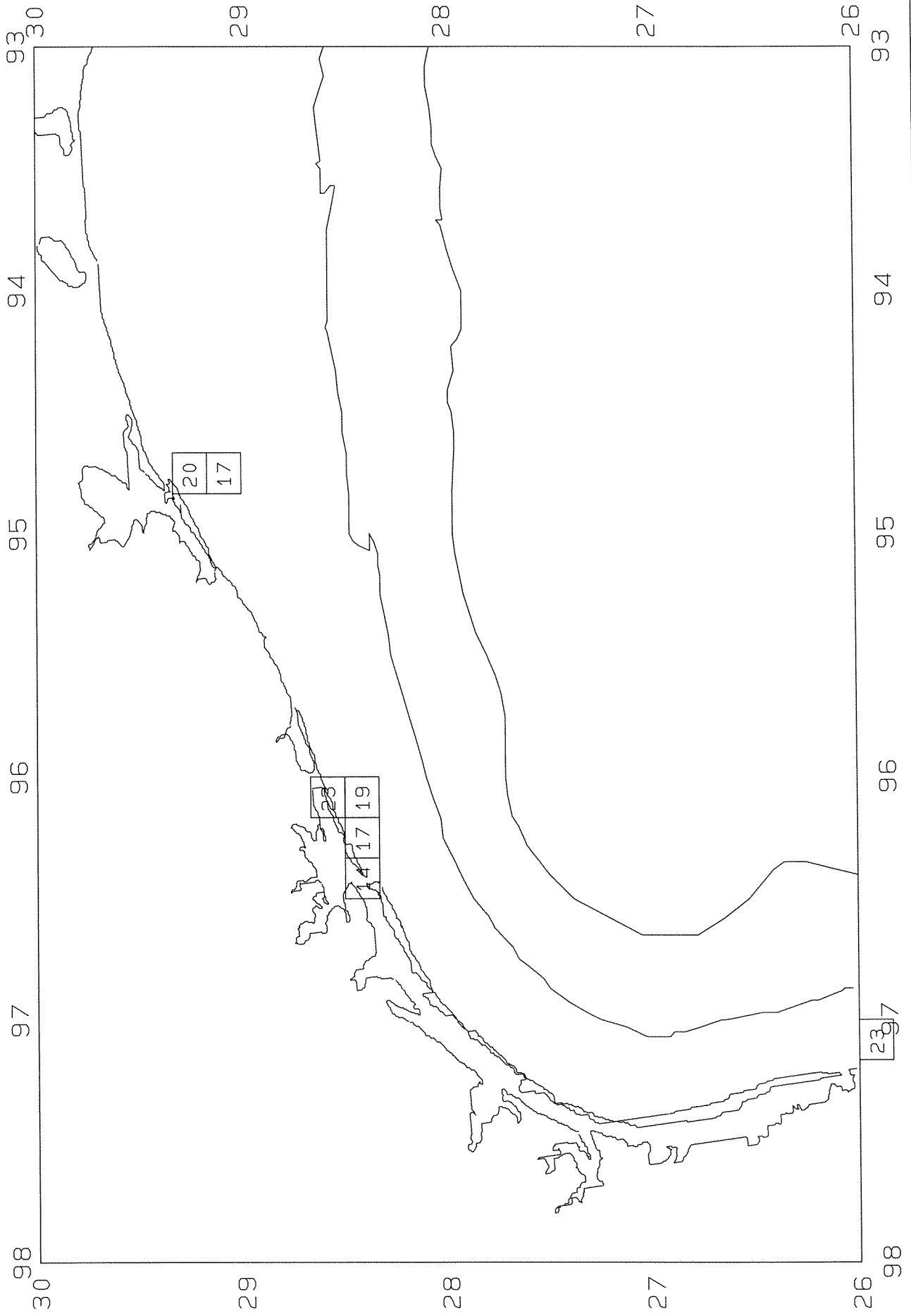
SEAMAP04

SAMPLING DATES FROM 6/02/04 TO 6/04/04  
AVERAGE BROWN SHRIMP CATCH IN POUNDS/HOUR



SEAMAP04

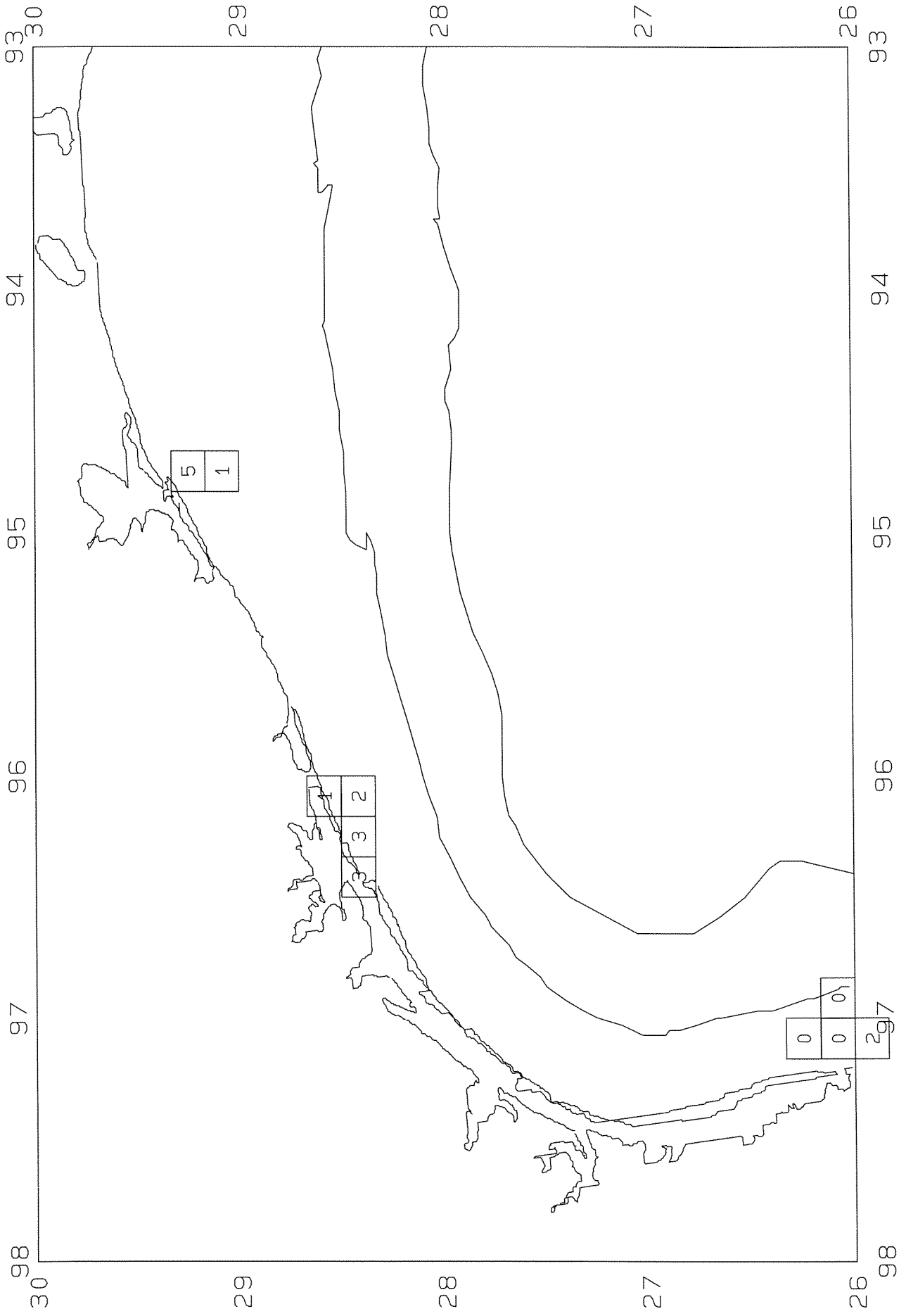
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AVERAGE WHITE SHRIMP COUNT PER POUND



SEAMAP04

SAMPLING DATES FROM 6/02/04 TO 6/04/04

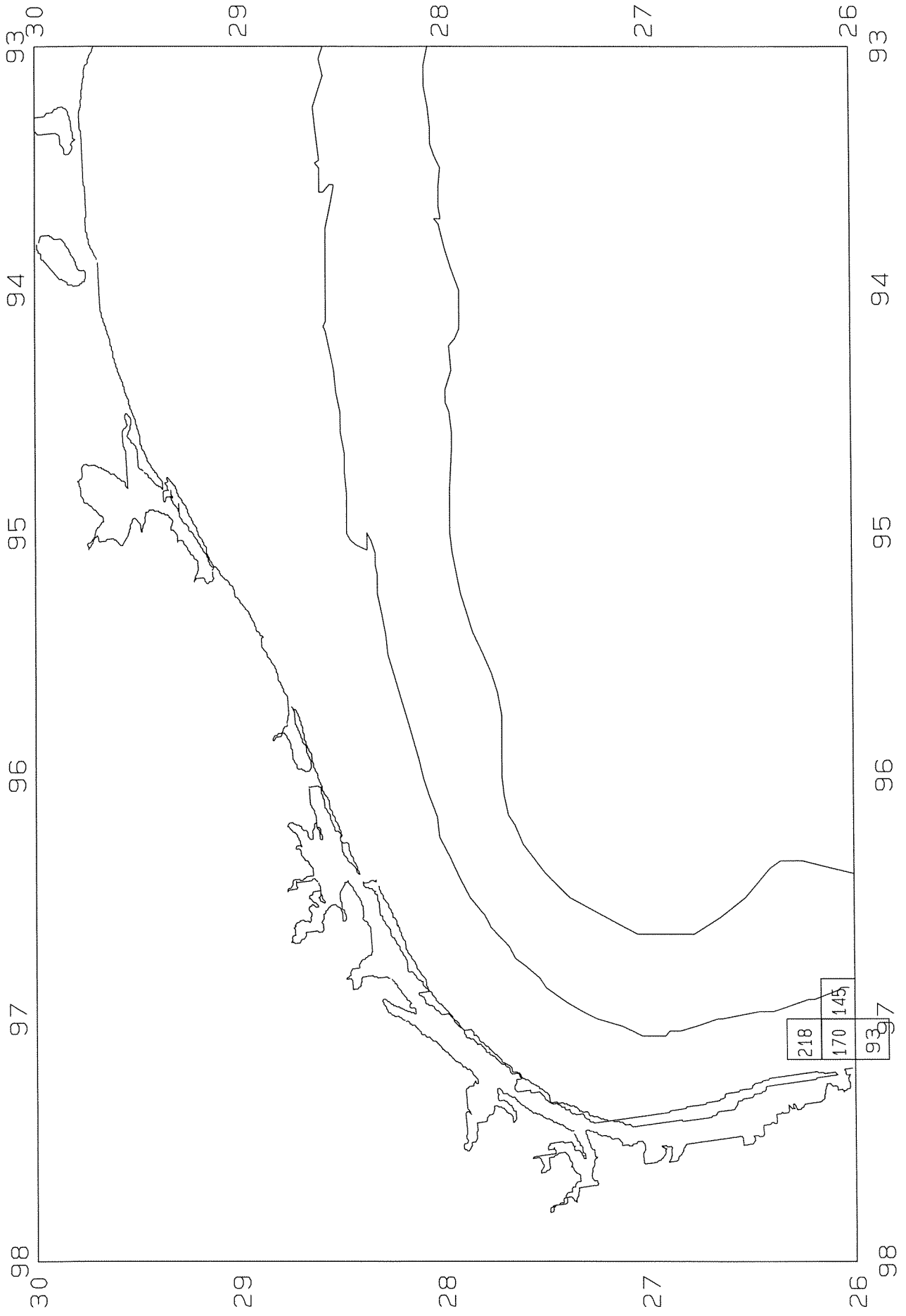
AVERAGE WHITE SHRIMP CATCH IN POUNDS/HOUR





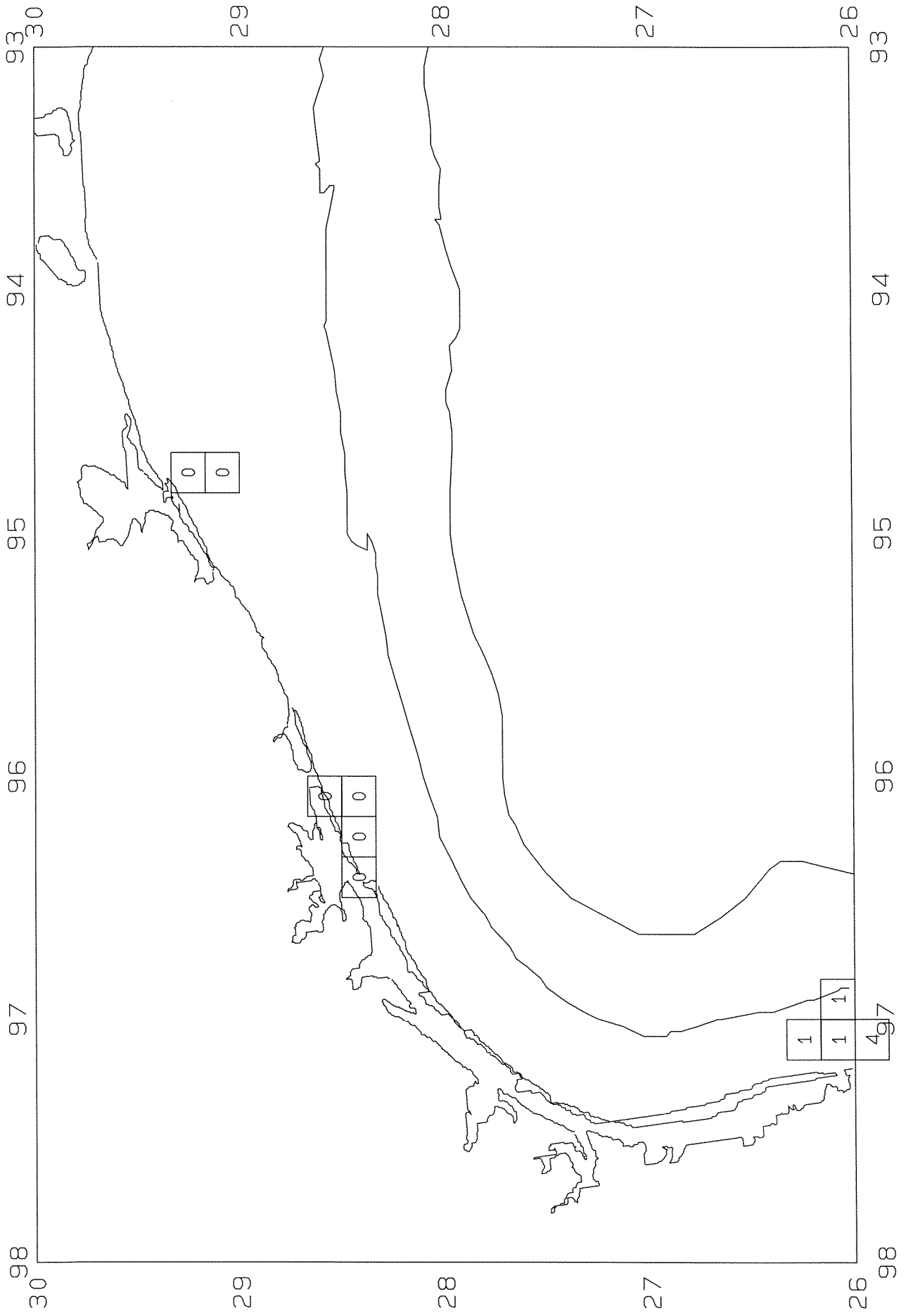
SEAMAP04

SAMPLING DATES FROM 6/02/04 TO 6/04/04  
AVERAGE PINK SHRIMP COUNT PER POUND



SEAMAP04

SAMPLING DATES FROM 6/02/04 TO 6/04/04  
AVERAGE PINK SHRIMP CATCH IN POUNDS/HOUR



SEAMAP04

SAMPLING DATES FROM 6/02/04 TO 6/04/04

AVERAGE NON-SHRIMP CATCH IN POUNDS/HOUR/10

